



Katalog produktów



ZAWORY SILNIKOWE

ENGINE VALVES | КЛАПАНЫ | VENTILE
SOUPAPES | VALVULAS | SUPAPLAR



Informacje o firmie

Firma **PARADOWSCY AMP®** powstała w latach 40-tych jako zakład naprawy silników okrętowych w Szczecinie. W ciągu kilku lat podstawą działalności firmy stała się specjalistyczna produkcja zaworów do silników spalinowych, a działalność została przeniesiona do Warszawy. Stały wzrost sprzedaży zaworów i rosnące zainteresowanie klientów produktem wpłynęło na podjęcie przez właścicieli decyzji o otwarciu drugiego zakładu w Kunowie k. Ostrowca Świętokrzyskiego. Znaczne zwiększenie potencjału produkcyjnego w oparciu o międzynarodowe standardy nastąpiło poprzez zakup maszyn i wprowadzenie nowoczesnych technologii.

Obecnie **PARADOWSCY AMP®** jest producentem 2 mln zaworów rocznie. Wysoka jakość produktów ugruntowała pozycję firmy na rynkach światowych. Utrzymanie produkcji na najwyższym poziomie zapewnia posiadany w firmie system jakości ISO 9001:2015 oraz zespół wykształconych i kompetentnych pracowników z wieloletnim doświadczeniem.

Dziś mamy swoje przedstawicielstwa nie tylko w Europie, ale też w Afryce, Azji, Ameryce Płn. i Płd. Nasza współpraca z firmami opiera się na szacunku i zaufaniu, wciąż poszukujemy nowych rynków zbytu i otwarci jesteśmy na współpracę z każdym, kto ceni sobie produkty wysokiej jakości za rozsądną cenę.

About company

PARADOWSCY AMP® Company was set up in the forties of the 20th century in Szczecin as the ship engines reconitioner. Within few years specialized production of valves for internal combustion engines became its basic business activity, and the core business was moved to Warsaw. The increasing valve sales and growing customers interest in the product contributed to the owners' decision to open the second production site in Kunów near Ostrowiec Świętokrzyski. Significant increase of production capacity based on international standards was achieved through the purchase of machines and the introduction of state-of-the-art technologies.

At present **PARADOWSCY AMP®** produces 2 million valves a year. High product quality has strengthened the position of the company on global markets. The maintenance of production at the highest level can be ensured thanks to the ISO 9001:2015 quality system implemented in the company, and also thanks to the team of educated and competent employees with many years of experience.

At present our branch offices are located not only in Europe, but in also in Africa, Asia, and in North and South America. Our co-operation with the companies is based on respect and trust as we are constantly looking for new sales markets and we are willing to co-operate with anyone who appreciates high quality products at a reasonable price.



Information über die Firma

Firma **PARADOWSCY AMP®** ist in 40-er Jahren als Betrieb für Reparatur von Schiffsmotoren in Stettin entstanden. In der Dauer von einigen Jahren wurde die Fachherstellung von Ventilen für Verbrennungsmotoren als die Grundlage der Firmentätigkeit, und ihr Sitz wurde nach Warschau umgezogen. Die immer größere Anstieg des Verkaufs von Ventilen und das wachsende Interesse der Kunden an dem Produkt führte dazu, dass sich die Eigentümer für die Eröffnung des zweiten Betriebs in Kunów in der Nähe von Ostrowiec Świętokrzyski entschieden haben. Die Erhöhung der Produktionskapazität in Anlehnung auf die internationalen Standards erfolgte durch den Ankauf von Maschinen und die Einführung der modernen Technologien.

Zur Zeit ist die Firma **PARADOWSCY AMP®** Hersteller von 2 Mio. Ventilen jährlich. Die hohe Qualität der Produkten hat die Position der Firma auf den Weltmärkten gefestigt. Für die Aufrechterhaltung der Herstellung auf dem höchsten Niveau sorgt das Qualitätssystem ISO 9001:2015 und die Gruppe der ausgebildeten und zuverlässigen Arbeitnehmer mit vieljähriger Erfahrung.

Heute haben wir unsere Zweigstellen nicht nur in Europa, aber auch in Afrika, Asien, Nord- und Süd-Amerika. Unsere Mitarbeit mit den Firmen beruht auf Achtung und Vertrau-en. Wir suchen ständig neue Absatzmärkte und wollen mit jedem mitarbeiten, wer die Produkte von hoher Qualität für nicht zu hohen Preis schätzt

Информация о фирме

Компания **PARADOWSCY AMP®** была основана в 40-е годы как завод по ремонту судовых двигателей в г. Щецин. На протяжении нескольких лет основной деятельностью компании было профессиональное производство двигателей внутреннего сгорания. Позднее предприятие было перенесено в Варшаву. Постоянный спрос на клапаны и возрастающая заинтересованность клиентов в продукции компании, повлияли на решение владельцев об открытии второго предприятия в г. Кунув (недалеко от г. Островец Свентокшиски). Значительный рост производственного потенциала фирмы произошел после модернизации технической базы и внедрения современных технологий, изделия стали отвечать международным стандартам качества. В настоящее время фирма

PARADOWSCY AMP® производит более 2 млн. клапанов в год. Отменное качество изделий укрепило позицию фирмы на мировых рынках. Высокий уровень производства подкреплен системой качества ISO 9001:2015, а коллектив образованных и компетентных сотрудников с многолетним опытом обеспечивает бесперебойный выпуск продукции.

На сегодняшний день у компании действуют представительства не только в Европе, но и в Африке, Азии, Северной и Южной Америке. Сотрудничество со всеми партнерами основано на уважении и доверии. Компания неустанно ищет новые рынки сбыта и всегда открыта для сотрудничества со всеми, кто ценит продукцию высокого качества по выгодной цене.

Informacje o produkcji

PARADOWSCY AMP® produkuje ponad 2000 typów zaworów do agregatów, motocykli, silników samochodów osobowych i ciężarowych, na różne rodzaje paliw płynnych i gazowych, lokomotyw oraz jednostek pływających. Korzystamy wyłącznie ze stali zaworowych najwyższej jakości, a nowoczesne technologie umożliwiają sprostanie wysokim standardom światowym.

Zawory należą do najbardziej obciążonych części silnika. Ich jakość w dużej mierze decyduje o jego niezawodności i trwałości. Dlatego tak ważne jest, aby zawory spełniały trudne wymagania, takie jak:

1. Długotrwałe utrzymywanie szczelności
2. Odporność na wysoką temperaturę i wytrzymałość na obciążenia mechaniczne
3. Odporność na korozję i erozję
4. Duży współczynnik przewodnictwa cieplnego
5. Mała ścieralność
6. Duża twardość w wysokich temperaturach pracy przyłgni zaworowych i trzonek zaworów
7. Stałość struktury materiału w wysokich temperaturach

Proces produkcyjny ma na celu wykonanie zaworów zgodnie z wymogami technologicznymi na najwyższym poziomie poprzez:

1. Wykonywanie odkuwek metodą elektroszczepiania i kucia
2. Wykonywanie pełnej obróbki cieplnej
3. Obróbkę wiórową na maszynach sterowanych numerycznie
4. Obróbkę szlifierską na szlifierkach bezkłowych i automatach szlifierskich
5. Utwardzanie końca trzonka przez hartowanie indukcyjne oraz napawanie stellem
6. Zgrzewanie tarciowe
7. Utwardzanie trzonek przez dogniatanie lub impulsowe azotowanie plazmowe
8. Cechowanie metodą laserową
9. Pakowanie w szczelne, indywidualne torebki oraz opakowania kompletacyjne i zbiorcze zapewniające ochronę zaworów przed korozją i uszkodzeniami w trakcie transportu i magazynowania

Product information

PARADOWSCY AMP® produces over 1700 types of valves for assemblies, motorcycles, passenger cars and trucks and watercrafts, for different types of liquid and gas fuels. We use exclusively valve steel of the highest quality and state-of-the-art technologies allow us to comply with global high quality standards.

Valves belong to engine parts subject to the greatest load. Their quality is largely decisive for engine reliability and durability. Therefore, it is so important that the valves comply with such demanding requirements as:

1. Long-term maintenance of tightness;
2. Resistance to high temperature and mechanical load strength
3. Resistance to corrosion and erosion
4. High degree of thermal conductivity coefficient
5. Low degree of abrasion
6. High hardness value of valve faces and stems at high operating temperatures
7. Stability of material structure at high temperatures

The production process is aimed at the use of the valves in compliance with technological requirements at the highest level, which is achieved through:

1. Preparation of forgings by means of electrospinning and forging
2. Full thermal treatment
3. Machining on numerically-controlled machines
4. Grinding using centerless and automatic grinders
5. Hardening of the stem end through induction hardening stelling
6. Friction welding
7. Stem hardening by means of pressing or impulse plasma nitriding
8. Laser marking
9. Packing into tight individual bags as well as completion and collective packaging, which protect the valves against corrosion and damage during transport and storage.

Produktinfos

Firma **PARADOWSCY AMP®** st Hersteller von über 1700 Ventiltypen für Aggregate, Kräder, Pkw- und Lkw-Motoren, Loks, ja sogar Schiffe, für differente flüssige und Gaskraftstoffe. Bei der Produktion setzen wir ausschließlich höchstqualitativen Ventilstahl ein und moderne Produktionsverfahren ermöglichen es, hohen Standards weltweit gerecht zu werden.

Die Ventile sind die am stärksten belasteten Motorteile. Ihre Qualität beeinflusst in hohem Maße die Zuverlässigkeit und Lebensdauer des Motors. Es ist deshalb wichtig, dass die Ventile folgende schwere Bedingungerfüllen:

1. Konstante Dichtheit
 2. Beständigkeit gegen hohe Temperaturen und mechanische Belastung
 3. Korrosions- und Erosionsbeständigkeit
 4. Hohe Wärmeleitfähigkeitskennzahl
 5. Abriebbeständigkeit
 6. Hohe Härte der Ventilsitzflächen und -schäfte bei hohen
 7. Materialstrukturstabilität bei hohen Temperaturen
- Das Ziel des Produktionsprozesses besteht, darin, Ventile gemäß den strengsten verfahrenstechnischen Anforderungen



zu fertigen; dabei werden folgende Aspekte berücksichtigt:

1. Schmiedestückfertigung im Elektrostauch- und Schmiedeverfahren
2. Realisierung einer kompletten Wärmebearbeitung
3. Zerspanen auf numerisch gesteuerten Maschinen
4. Schleifbearbeitung auf spitzenlosen Schleifmaschinen und Schleifautomaten
5. Verfestigung des Ventilschaftendstückes durch Induktionshärten sowie Stelliteaufschweißen

6. Reibschweißen
7. Ventilschaftverfestigung durch Glattprägen oder Impulsplasmanitrieren
8. Lasergestützte Eichung
9. Einzelteilverpackung in dichten Beuteln sowie Los- und Sammelverpacken, um die Ventile gegen Korrosion und Schäden beim Transport und der Lagerung zu schützen

Информации о продукте

Фирма **PARADOWSCY AMP**[®] производит более 1700 типов клапанов для агрегатов, мотоциклов, двигателей легковых и грузовых автомобилей работающих на любом жидком и газовом топливе, локомотивов, а также судов. Мы используем клапанную сталь наивысшего качества, а современные технологии производства позволяют нам изготавливать компоненты отвечающие всем мировым стандартам.

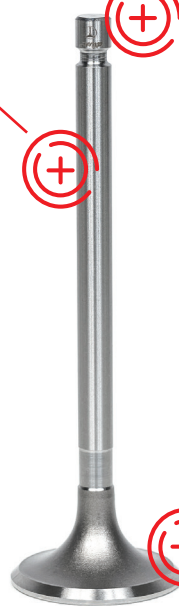
Клапаны – это те элементы двигателя, которые подвержены самой сильной нагрузке. От качества клапанов по большому счету зависит долговечность и надёжность мотора. Очень важно, чтобы клапаны отвечали таким требованиям как:

1. Долговременное обеспечение герметичности;
2. Устойчивость к высоким температурам и механическим нагрузкам;
3. Стойкость к коррозии и эрозии;
4. Высокий коэффициент теплопроводности;
5. Низкое истирание
6. Сохранение высокого уровня прочности головки и стержня клапана при функционировании в условиях высокой температуры;
7. Неизменность структуры материала в условиях высокой температуры;

Задача производственного процесса - изготовление клапанов, отвечающих технологическим стандартам наивысшего качества. Это достигается путём:

1. Выполнения заготовок методом высадки иковки;
2. Выполнения полной тепловой обработки;
3. Удаления стружки цифровыми станками;
4. Шлифовки на плоскошлифовальных станках и шлифовочных автоматах;
5. Упрочнения стержня методом индукционного закалывания и наплавления стеллита;
6. Сварки трением;
7. Упрочнения стержня клапана прессованием или импульсным плазменным азотированием;
8. Гравировки лазерным методом;
9. Упаковки готовых клапанов в плотные индивидуальные пакеты, комплектации в прочные ящики, защищающие товар от коррозии и повреждений во процессе транспортировки и складирования.

- ⊕ Utwardzanie trzonek przez dogniatanie lub impulsowe azotowanie plazmowe.
- ⊕ Stem hardening by means of pressing or impulse plasma nitriding.
- ⊕ Härten Sie die Griffe durch Brünieren oder Pulsplasmanitrieren.
- ⊕ Поверхностное упрочнение стержня клапана накаткой или методом импульсного ионно-плазменного азотирования.



- ⊕ Utwardzanie końca trzonka przez hartowanie indukcyjne oraz napawanie stelitem.
- ⊕ Hardening of the stem end through induction hardening stellinging.
- ⊕ Das Wellenende durch Induktionshärten und Aufpolstern mit Stellite härten.
- ⊕ Упрочнение торца стержня путём индукционной закалки и наплавки стеллитом.

- ⊕ Odporność na wysoką temperaturę i wytrzymałość na obciążenia mechaniczne.
- ⊕ Resistance to high temperature and mechanical load strength.
- ⊕ Hohe Temperaturbeständigkeit und Beständigkeit gegen mechanische Beanspruchung.
- ⊕ Устойчивость к высокой температуре механическим нагрузкам.

Historia AMP®

1945



Założenie firmy
Company establishment
Firmengründung
Учреждение компани

1964



Oparcie działalności firmy na produkcji zaworów silnikowych
Basing the company's activity on the production of engine valves
Ausgehend von der Tätigkeit des Unternehmens auf die Herstellung von Motorventilen
Перепрофилирование деятельности компании на производство клапанов

1991



Przejęcie sterów w firmie przez drugie pokolenie właścicieli
The second generation of owners takes over the reins in the company
Die zweite Inhabergeneration übernimmt das Ruder im Unternehmen
Второе поколение владельцев принимает на себя управление компанией

1956



Przeniesienie zakładu produkcyjnego do Warszawy
Relocation of the production plant to Warsaw
Verlagerung der Produktionsstätte nach Warschau
Перенос производства в Варшаву

1968



Powstanie znaku handlowego firmy w obecnej postaci
Establishment of the company's trademark in its present form
Etablierung des Markenzeichens des Unternehmens in seiner jetzigen Form
Создание товарного знака компании в нынешнем виде

1998



Wprowadzenie prowadnic zaworowych do oferty sprzedaży AMP®
Introduction of valve guides to the AMP® offer
Einführung von Ventilführungen in das AMP®-Angebot
Расширение коммерческого предложения AMP® за счет направляющих втулок клапанов



AMP® History

1999

Powstanie zakładu produkcyjnego w Kunowie. Zwiększenie możliwości produkcyjnych firmy do poziomu 2 000 000 zaworów silnikowych rocznie

Establishment of a production plant in Kunów. Increasing the company's production capacity to 2,000,000 engine valves per year

Gründung einer Produktionsstätte in Kunów. Erhöhung der Produktionskapazität des Unternehmens auf 2.000.000 Motorventile pro Jahr

Открытие производственного предприятия в Кунове. Увеличение производственной мощности компании до 2 000 000 клапанов в год.

2007

Wprowadzenie technologii azotowania jonowo - plazmowego zaworów silnikowych.

Introduction of the ion-plasma nitriding technology of engine valves.

Einführung der Ionen-Plasma-Nitrierungstechnologie von Motorventilen.

Внедрение технологии ионно-плазменного азотирования клапанов

2020

Przekształcenie przedsiębiorstwa w spółkę kapitałową

Transformation of an enterprise into a capital company

Umwandlung eines Unternehmens in eine Kapitalgesellschaft

Преобразование предприятия в общество с ограниченной ответственностью

2005

Wprowadzenie sworzni tłokowych do oferty sprzedaży AMP®

Introduction of piston pins to the AMP® offer

Einführung von Kolbenbolzen in das AMP®-Verkaufsangebot

Расширение коммерческого предложения AMP® за счет поршневых пальцев

2015

Wprowadzenie pierścieni tłokowych do oferty sprzedaży AMP®

Introduction of piston rings to the AMP® offer

Einführung von Kolbenringen in das AMP®-Verkaufsangebot

Расширение коммерческого предложения AMP® за счет поршневых колец

2021

Wprowadzenie tłoków silnikowych do oferty sprzedaży AMP®

Introduction of engine pistons to the AMP® offer

Einführung von Motorkolben in das AMP®-Angebot

Расширение коммерческого предложения AMP® за счет поршневых колец

Расширение коммерческого предложения AMP® за счет поршней двигателя



Skład chemiczny stali zaworowych

Lp.	Gatunek Stali	GŁÓWNE SKŁADNIKI CHEMICZNE W %								
		C	Si	Mn	Pmax	Smax	Cr	Mo	Ni	Inne
1	X45CrSi9-3	0,40	2,70	max	0,040	0,030	8,00		max	
	1.4718 (H952)	0,50	3,30	0,60			10,00		0,50	
2	X40CrSiMo10-2	0,35	2,00	max	0,040	0,030	9,50	0,80	max	
	1.4731 (H1052M)	0,45	3,00	0,80			11,50	1,30	0,50	
3	X53CrMnNiN21-9	0,48	max	8,00	0,045	0,030	20,00		3,25	
	1.4871 (50H21G9N4)	0,58	0,25	10,00			22,00		4,50	
4	X50CrMnNiNbN21-9	0,45	max	8,00	0,045	0,030	20,00		3,50	W: 0,80-150
	1.4882	0,55	0,45	10,00			22,00		5,50	N bTa: 1,80-2,504
5	NiCr20TiA	0,04	max	max	0,020	0,015	18,00		min.	N: 0,40-0,60
	2.4952 (NIMONIC 80A)	0,10	1,00	1,00			21,00		65,00	Fe: max 3,00 Cu: max 0,20 Co: max 2,00 B: max 0,008 Al: 1,00-1,80 Ti: 1,80-2,70

Właściwości i zastosowanie stali zaworowych

Lp.	Gatunek Stali	WŁASNOŚCI WYTRZYMAŁOŚCIOWE				STRUKTURA STALI	ZASTOSOWANIE STALI
		Rm [N/nm ²]	Rm [N/nm ²]	A5 [%]	Z [%]		
1	X45CrSi9-3	900-1100	min. 799	14	40	sorbistyczna + węgliki	zawory ssące silników mało obciążonych
2	X40CrSiMo10-2	900-1100	min. 700	14	40	sorbistyczna + węgliki	zawory ssące i wydechowe silników średnio obciążonych
3	X53CrMnNiN21-9	950-1200	min. 580	8	10	austenityczna + węgliki	zawory głównie wydechowe silników mocno obciążonych
4	X50CrMnNiNbN21-9	950-1150	min. 580	12	15	austenityczna + węgliki	zawory głównie wydechowe silników mocno obciążonych
5	NiCr20TiAl	1100-1400	min. 725	15	25	austenityczna + węgliki	zawory głównie wydechowe silników mocno obciążonych

Chemical composition of valve steel

Item	Steel Grade	MAIN CHEMICAL INGREDIENTS %								
		C	Si	Mn	Pmax	Smax	Cr	Mo	Ni	Other
1	X45CrSi9-3	0,40	2,70	max	0,040	0,030	8,00		max	
	1.4718 (H952)	0,50	3,30	0,60			10,00		0,50	
2	X40CrSiMo10-2	0,35	2,00	max	0,040	0,030	9,50	0,80	max	
	1.4731 (H1052M)	0,45	3,00	0,80			11,50	1,30	0,50	
3	X53CrMnNiN21-9	0,48	max	8,00	0,045	0,030	20,00		3,25	
	1.4871 (50H21G9N4)	0,58	0,25	10,00			22,00		4,50	
4	X50CrMnNiNbN21-9	0,45	max	8,00	0,045	0,030	20,00		3,50	W: 0,80-150
	1.4882	0,55	0,45	10,00			22,00		5,50	N bTa: 1,80-2,504
5	NiCr20TiA	0,04	max	max	0,020	0,015	18,00		min.	N: 0,40-0,60
	2.4952 (NIMONIC 80A)	0,10	1,00	1,00			21,00		65,00	Fe: max 3,00 Cu: max 0,20 Co: max 2,00 B: max 0,008 Al: 1,00-1,80 Ti: 1,80-2,70

Properties and applications of valve steel

Item	Steel Grade	RESISTANCE CHARACTERISTICS				STEEL STRUCTURE	STEEL APPLICATION
		Rm [N/nm ²]	Rm [N/nm ²]	A5 [%]	Z [%]		
1	X45CrSi9-3	900-1100	min. 799	14	40	sorbitic + carbides	inlet valves of light duty engines
2	X40CrSiMo10-2	900-1100	min. 700	14	40	sorbistyczna + carbides	inlet and outlet valves of medium duty engines
3	X53CrMnNiN21-9	950-1200	min. 580	8	10	austenitic + carbides	mainly outlet valves of heavy duty engines
4	X50CrMnNiNbN21-9	950-1150	min. 580	12	15	austenitic + carbides	mainly outlet valves of heavy duty engines
5	NiCr20TiAl	1100-1400	min. 725	15	25	austenitic + carbides	mainly outlet valves of heavy duty engines

Azotowanie

Od 2007 roku firma Paradowscy AMP Sp. z o.o. wprowadza na rynek krajowy oraz na rynki zagraniczne zawory silnikowe azotowane plazmowo w procesie impulsowego azotowania jonowego. Proces ten jest najnowocześniejszym w skali światowej procesem azotowania metali. Służy do powierzchniowej obróbki silnie obciążonych powierzchni części maszyn, urządzeń i narzędzi z wykorzystaniem wyładowań jarzeniowych generowanych przez pulsujące pole elektryczne. W procesie tym wykorzystuje się zjawisko wyładowania impulsowego w rozrzedzonych gazach do nasycenia azotem powierzchni metali. Azotowanie jonowe jest nowoczesną odmianą azotowania gazowego, w którym amoniak zastąpiono azotem i wodorem, nie stwarzającą zagrożenia dla środowiska naturalnego.

Proces prowadzi się w niskich temperaturach (od 400°C, co jest jedną z wielu zalet azotowania jonowego) oraz przy obniżonym ciśnieniu. Najważniejszym powodem, dla którego przeprowadza się ten proces jest uzyskiwanie wysokich wartości twardości warstw azotowanych. Zakres temperatur od 400 do 600°C umożliwia sterowanie procesem utwardzania. Najwyższe twardości uzyskuje się po azotowaniu w przedziale 400÷500°C. Proces azotowania prowadzi się w zbiorniku próżniowym w zakresie ciśnień 1÷10 hPa. Obrabiany wsad stanowi biegun ujemny wyładowania (katodę), zaś ściany zbiornika - biegun dodatni (anodę). Pod wpływem przyłożonego napięcia prądu stałego (400÷700V) powierzchnia katody emituje elektrony, które w polu elektrycznym nabierają energii niezbędnej do jonizacji cząsteczek gazu. Wskutek zderzeń zjonizowane atomy oraz cząsteczki są przyspieszane i uderzają w powierzchnię katody. Bombardujące powierzchnię jony powodują wybijanie atomów żelaza, pierwiastków stopowych, węgla, azotu oraz elektronów niezbędnych do podtrzymywania wyładowania jarzeniowego. Atomy żelaza łączą się z aktywnymi atomami azotu i osadzają na powierzchni w postaci azotków oraz nasycają warstwy przypowierzchniowe azotem w procesie dyfuzji. W wyniku azotowania jonowego otrzymuje się warstwy azotków z nieporowatą jednofazową strefą przypowierzchniową zapewniającą równomierność warunków fizykochemicznych. Możliwe jest precyzyjne sterowanie strukturą warstwy, co pozwala na efektywną obróbkę dużych elementów o wysokich wymaganiach wymiarowych oraz zapewnia uzyskanie dużej trwałości eksploatacyjnej.

Nieustannie ulega rozszerzeniu asortyment materiałów, które można utwardzać tą metodą uzyskując przyrost trwałości. Azotowanie jonowe niezwykle skutecznie zwiększa odporność na ścieranie i zatarcie warstw azotowanych. Stosowanie technologii azotowania jonowego w zaworach silnikowych pozwala zwiększyć ich trwałość w układzie trzonek zaworu - prowadnica oraz zmniejszenie adhezji nagaru w strefie grzybka. Zastosowanie tej nowoczesnej technologii umożliwia podwyższenie ogólnej trwałości zaworów.

Stosując technologię plazmowego azotowania jonowego mamy możliwość uzyskania zaworów o wysokich właściwościach mechanicznych - twardość, odporność na zatarcie, ścieranie i zużycie. Technologia ta wykazuje wiele zalet w porównaniu z dotychczas stosowanym chromowaniem i azotowaniem w kąpielach solnych, przewyższając je dodatkowo pod względem neutralnego wpływu na środowisko.

Proces azotowania | Nitriding
Nitrieren | Азотирование

Nitriding

As of 2007 AMP Paradowscy Sp. z o.o. introduced engine valves finished in the process of impulse ion nitriding. This process is the most modern metal nitriding process worldwide. It is used in processing of surfaces of particular elements of machines, plant and tools under severe loads using the glow discharge generated by a pulsating electric field. This process makes use of the phenomenon of impulse discharge in thinned gas for saturation of metal surfaces with nitrogen. Ion nitriding is a modern form of gas nitriding, in which causes no threat for the natural environment.

The process is performed at low temperatures (from 400°C, which is one of several advantages of ion nitriding) and at reduced pressure. The most important reason for which this process is performed is to obtain high hardness values of nitride surfaces. The range of temperatures from 400 to 600°C allows controlling the hardening process. The highest hardness values are obtained through nitriding within the range of 400 to 500°C. The nitriding process is performed in a vacuum tank at a predetermined pressure. The processed charge becomes the negative end of the discharge (cathode), while tank walls - positive end (anode). Under the applied direct current (400 to 700V) the cathode surface emits electrons, which acquire energy in the electric field necessary for ionization of gas particles. Through collisions the ionized atoms and particles are accelerated and hit the cathode surface. Ions that bombard the surface lead to knocking out of iron atoms, alloying elements, coal, nitrogen and electrons indispensable for keeping up the glow discharge. Iron atoms bind with active nitrogen atoms and settle on the surface in the form of nitrides and saturate the surface coats with nitrogen in the diffusion process. Through ion nitriding a layer of nitrides is produced with non-porous monophase surface coat that assures homogeneity of physical and chemical properties. It is possible to control precisely the coat structure, which allows effective processing of larger elements with high dimensions related requirements and guarantees obtaining significant operational durability.

There is a growing variety of materials that may be hardened by this method, which allows obtaining durability increase. Ion nitriding very effectively enhances resistance to attrition and galling of nitrided coats. Application of the ion nitriding technology in engine valves improves their durability within the system of valve spindle-valve guide and reducing adhesion of carbon deposit in the head area. Through the application of this modern technology a corrosion resistant coat is achieved and general durability of valves is enhanced.

Application of the plasma ion nitriding technology produces valves with high mechanical properties - hardness, resistance to galling, attrition and wearing while neutral impact on the environment.



Nitrieren

Firma Paradowscy AMP Sp. z o. o. ab 2007 plasmanitrierte Kfz-Motorenventile (Pulsionitrierverfahren) auf den in- und die ausländischen Märkte einführt. Dieser Prozess steht für das weltweit modernste Nitrierverfahren der Metalle. Er dient zur Oberflächenbearbeitung stark belasteter Maschinen. Anlagen- und Werkzeugteile unter der Verwendung von durch ein elektrisches Pulsfeld generierten Glimmentladungen. In diesem Prozess wird eine Pulsentladung unter verdünnten Gasen für die Metalloberflächennitrierung eingesetzt. Das lonnitrieren ist eine moderne Version von Gasnitrieren, hier wird Ammoniak durch Stickstoff und Wasserstoff ersetzt, ohne dass Umweltgefährdungen dabei entstehen.

Der Prozess verläuft unter niedrigen Temperaturen (bis 400°C, es ist ein der vielen Vorteilen von lonnitrieren) und bei reduziertem Druck. Der wichtigste Grund, um diesen Prozess einzusetzen besteht darin, dass hohe Härtewerte der Nitrierschichten erreicht werden. Aufgrund des Temperaturbereiches von 400 bis 600°C ist die Steuerung des Härteprozesses möglich. Die höchsten Härtewerte werden beim Nitrieren im Temperaturbereich von 400 bis 500°C erreicht. Der Nitrierprozess verläuft in einem Vakuumbehälter im Druckbereich von 1÷10 hPa. Die bearbeitete Charge bildet den Entladungsminuspol (Kathode), die Behälterwände hingegen den Pluspol (Anode). Durch die angelegte Gleichspannung von 400 ÷ 700 V werden Elektronen von der Kathode emittiert, die im elektrischen Feld mit der erforderlichen Energie für die Ionisierung der Gaspartikel beladen werden. Ionisierte Atome und Partikel stoßen gegeneinander, werden dadurch beschleunigt und stoßen gegen die Kathodenoberfläche. Dadurch werden Atome von Eisen, Legierungselementen, Kohlenstoff, Stickstoff sowie für die Aufrechterhaltung der Glimmentladung erforderliche Elektronen herausgetrieben. Die Eisenatome verbinden sich mit aktiven Stickstoffatomen und setzen sich auf der Oberfläche in Form von Nitriden ab sowie sättigen die Oberflächenschichten mit Stickstoff im Diffusionsprozess. Infolge der lonnitrierung werden Nitridschichten mit einem nicht porösen, einphasigen Bereich unterhalb der Oberfläche erreicht, dabei werden homogene, physikalisch-chemische Verhältnisse sichergestellt. Eine präzise Steuerung der Schichtstruktur ist möglich, sodass große Elemente mit hohen Maßanforderungen effizient bearbeitet sowie eine lange Betriebslebensdauer erreicht werden können.

Die Palette der mit diesem Verfahren gehärteten Materialien wird immer breiter. Das lonnitrieren erhöht außerordentlich die Abrieb- und Festfressbeständigkeit der nitrierten Flächen. Der Einsatz des lonnitrierverfahrens für Kfz-Ventile steigert ihre Beständigkeit im Bereich Ventilschah - Ventildführung sowie reduziert die Adhäsion der Verbrennungsrückstände im Bereich des Ventiltellers. Mit diesem modernen Verfahren können korrosionsbeständige Schichten hergestellt und die allgemeine Ventilstabilität erhöht werden. Die Prüfergebnisse von Ventilstählen im Ausgangszustand und nach dem Nitrieren im Linearverfahren weisen eine über fünffache Reduzierung des Verschleißgrades von Nitrierstahl nach.

Durch den Einsatz von Plasmaionnitrieren ist es für uns möglich, Ventile mit hohen mechanischen Eigenschaften: Härte, Festfress-, Abrieb- und Verschleißbeständigkeit, zu fertigen. Dieses Produktionsverfahren weist zahlreiche Vorteile gegenüber dem bisher verwendeten Verchromen und Salzbadnitrieren auf und übertroff sie zusätzlich hinsichtlich seiner neutralen Umweltbeeinflussung.

Азотирование

В 2007 году фирма PARADOWSCY AMP Sp. z o.o. вывела на внутренний и внешние рынки азотированные ионно-плазменным методом клапаны для двигателей внутреннего сгорания. Во всем мире такой метод является самой современной технологией азотирования металлов. Метод основан на обработке поверхности наиболее уязвимых участков деталей техники и оборудования тлеющими зарядами, генерируемыми пульсирующим электрическим полем. Импульсный разряд в разреженной среде насыщает азотом поверхность металла. Ионно-плазменное азотирование – это современный вариант газового азотирования в котором вместо аммиака используются не представляющие угрозы для окружающей среды азот и водород.

Процесс производится при низкой температуре (более 400°C, что можно отнести к одному из преимуществ ионно-плазменного азотирования) и при пониженном давлении. Основным результатом данного процесса является получение высоких показателей прочности азотированных слоев. Диапазон температур от -400°C до -600 °C позволяет получать различные показатели прочности материала. Наиболее высокие показатели прочности азотированной поверхности достигаются при температуре в пределах 400 °C ÷ 500 °C. Процесс азотирования проводится в вакуумной камере с разрежением 1 ÷ 10 гПа. Обрабатываемая деталь служит отрицательным электродом (катодом), а стенки камеры - положительным (анодом). Под влиянием напряжения постоянного тока (400 ÷ 700 V) поверхность катода излучает электроны, которые в электрическом поле приобретают энергию, необходимую для ионизации молекул газа. В результате столкновений ионизированные атомы и молекулы ускоряются и сталкиваются с поверхностью катода. При таком столкновении, ионы воздействуют на атомы железа, легирующие элементы, углерод, азот и электроны, необходимые для поддержания тлеющего разряда. Атомы железа объединяются с активными атомами азота, осаждаются на поверхности в виде нитридов и насыщают наружные слои азотом в процессе диффузии. В результате плазменно-ионного азотирования возникают нитридные слои с непористой однофазной приповерхностной зоной, обеспечивающей однородность физико-химических условий. Можно точно контролировать структуру слоя, эффективно обрабатывать крупные элементы с высокими требованиями к точности размеров и достичь повышенной износостойкости.

Постоянно расширяется ассортимент материалов, для которых разрабатываются индивидуальные технологические параметры процесса ионно-плазменного азотирования. В результате упрочнения вышеуказанным методом образуется диффузионный слой, который обеспечивает увеличение срока службы, износостойкость и антизадириные свойства изделий. Применение этой технологии совершенствует работоспособность пары „стержень клапана - направляющая“, снижает адгезию нагара в области тарелки, повышает антикоррозионную стойкость и долговечность клапана.

Технология ионно-плазменного азотирования помогает произвести клапаны с высокими механическими характеристиками (прочность, износостойкость, усталостная выносливость, антизадириные свойства). Эта технология имеет существенные преимущества в сравнении с применявшимися ранее методами хромирования и азотирования в соляных ваннах, в том числе и с точки зрения отсутствия негативного воздействия на окружающую среду.

Weryfikacja oryginalności produktów AMP®

W związku z pojawiającymi się na rynkach podróbkami wyrobów naszej firmy i w trosce o dobro klienta w 2016 roku wprowadziliśmy system umożliwiający sprawdzenie pochodzenia produktu. Wprowadzenie dla każdego produktu unikalnego kodu umieszczonego na opakowaniu pozwala zweryfikować firmę AMP® jako producenta wyrobu. Sprawdzenie oryginalności produktu możesz na naszej stronie internetowej w zakładce „Sprawdź oryginalność”.

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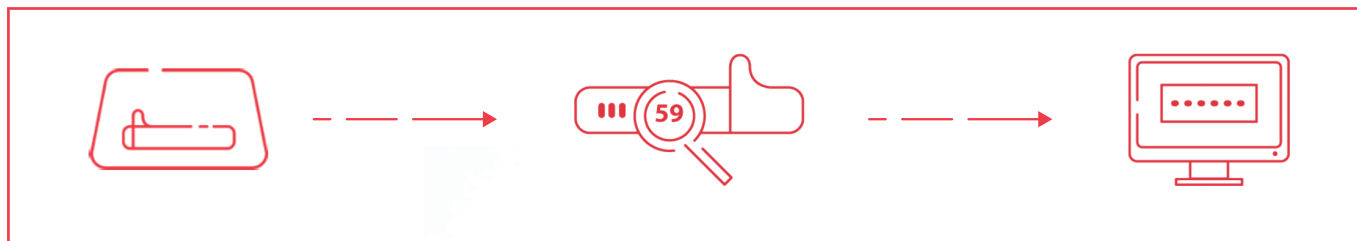
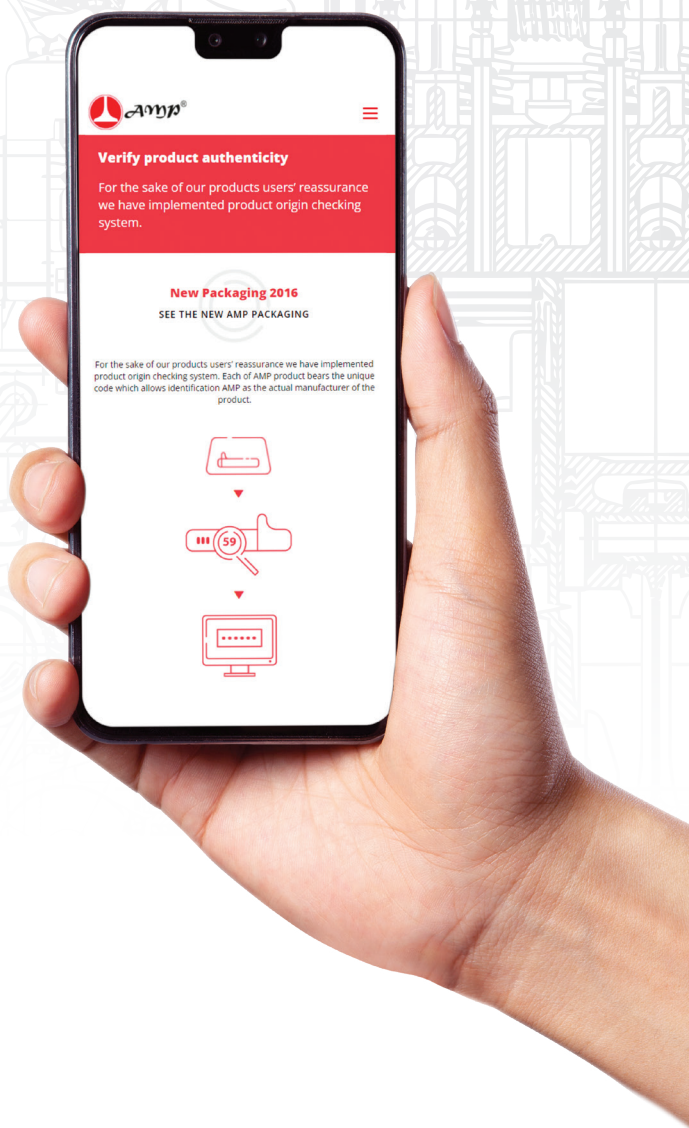
Due to the counterfeit products of our company appearing on the markets and for the sake of our products users' reassurance we have implemented product origin checking system. Each of AMP product bears the unique code which allows identification AMP® as the actual manufacturer of the product. You can check product authenticity on our website via 'Verify product authenticity'.

Ventile auf Sonderbestellung

Aufgrund der auf den Märkten erscheinenden gefälschten Produkte unseres Unternehmens und zur Sicherheit der Benutzer unserer Produkte haben wir ein System zur Überprüfung der Produktherkunft eingeführt. Jedes AMP-Produkt trägt den einzigartigen Code, der es ermöglicht, AMP® als den tatsächlichen Hersteller des Produkts zu identifizieren. Sie können die Produkttheit auf unserer Website über „Verify product authenticity“ überprüfen.

Проверка подлинности продуктов AMP®

В связи с появлением на рынке поддельной продукции нашей компании и для защиты интересов клиентов, в 2016 году мы внедрили систему, которая позволяет проверить происхождение продукта. Присвоение уникального кода каждой упаковке товара поможет удостовериться, что он произведен компанией AMP®. Проверить подлинность товара вы сможете на нашем сайте в zakładке «Проверка оригинальности».



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Zawory na specjalne zamówienie AMP®

Nie znajdujesz pożądaných pozycji w katalogu? W Paradowscy AMP® oferujemy możliwość realizacji zamówienia na specjalne zamówienie klienta. Dzięki wieloletniemu doświadczeniu oraz odpowiedniej technologii AMP® jest w stanie sprostać najtrudniejszym wymaganiom nabywców, a nasze zawory przewidziane są do pracy w najcięższych warunkach. Realizacja zamówień odbywa się na podstawie dostarczonego wzorca lub rysunku technicznego. Istnieje również możliwość uzgodnienia modyfikacji z działem technicznym. Swoją zawór możesz również zaprojektować na naszej stronie internetowej

Valves on special order

Can't find the desired items in the catalogue? At Paradowscy AMP®, we offer the possibility of executing orders on a special client's request. Thanks to many years of experience and appropriate technology, AMP® is able to meet the most difficult requirements of our customers, and our valves are designed to work in the most difficult conditions. Orders are processed on the basis of provided sample or technical drawing. It is also possible to agree on modifications with the technical department. You can also design your valve on our website in the 'Design your valve' tab.

Ventile auf Sonderbestellung

Sie können die gewünschten Artikel nicht im Katalog finden? Bei Paradowscy AMP® bieten wir die Möglichkeit, Aufträge auf speziellen Kundenwunsch auszuführen. Dank langjähriger Erfahrung und entsprechender Technik ist AMP® in der Lage, die schwierigsten Anforderungen unserer Kunden zu erfüllen, und unsere Armaturen sind für den Einsatz unter schwierigsten Bedingungen ausgelegt. Die Auftragsabwicklung erfolgt auf der Grundlage bereitgestellter Muster oder technischer Zeichnungen. Es ist auch möglich, Änderungen mit der technischen Abteilung zu vereinbaren. Sie können Ihr Ventil auch auf unserer Website im Reiter „Design your valve“ gestalten.

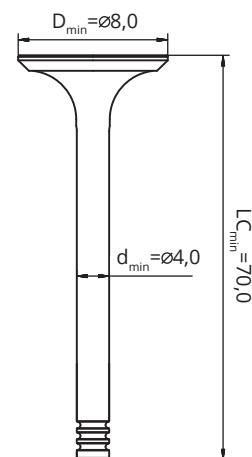
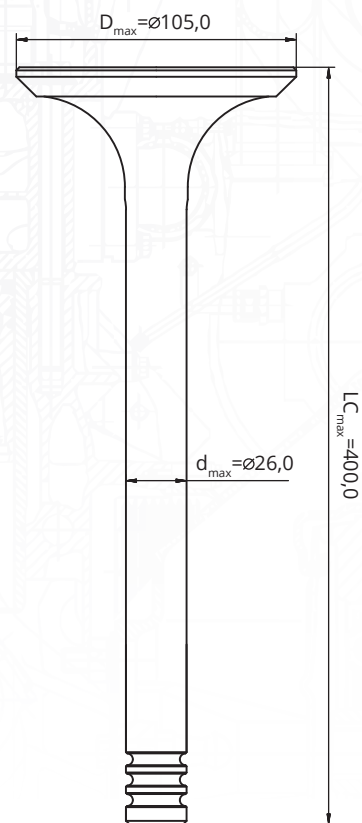
Клапаны по спецзаказу

Не удалось найти необходимые позиции в каталоге? Компания Paradowscy AMP® предлагает возможность производства товара по индивидуальному заказу клиента. Благодаря многолетнему опыту и наличию соответствующей технологии, AMP® может удовлетворить самые трудные запросы клиентов, ведь наши клапаны предполагают работу в тяжелых условиях. Выполнение заказа реализуется на основании предоставленного образца или технического чертежа. Существует возможность согласования модификаций с техническим отделом. Также клапан, отвечающий вашим требованиям вы можете спроектировать через наш сайт в zakładке «Проектирование клапана».

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Sposób oznaczania zaworu numerem AMP®

Przykład oznaczenia P VWG 035 - A - P - C

- P oznacza „zawór”
- Litery XYZ odwołują się do marki pojazdu (np. VWG – oznacza Volkswagen Group)
- PXYZ### indeks odwołujący się do geometrii zaworu

NAZWA PODSTAWOWA	Rozszerzenie nazwy podstawowej np.: A - P - C		
P + 3 litery + 3 cyfry	Materiał - 1 litera	Stellit - 1 litera lub cyfra "0"	Uszlachetnienie powierzchni - 1 litera lub cyfra "0"
Przykład: P VWG 035	S bez stellitu	0 bez stellitu	0 bez uszlachetniania
	A austenityczny	P stellitowana przylgnia	N azotowany
	B bimetaliczny	T stellitowany koniec trzonka	C chromowany
	Z zgrzewana płytka	W bez stellitu	D dogniatany

Method of valve identification AMP® number

Example P VWG 035 - A - P - C

- P stands for 'valve'
- XYZ letters associated with the vehicle brand (e.g. VWG – means Volkswagen Group)
- PXYZ### index that specify the valve geometry

BASIC NAME	Basic name extension e.g: A - P - C		
P + 3 letters + 3 digits	Material - 1 letter	Stelliting - 1 letter or digit '0'	Surface upgrde - 1 letter or digit '0'
Example: P VWG 035	S sorbitic	0 no stellite	0 no upgrade
	A austenitic	P stellited faying surface	N nitrided
	B bimetallic	T stellited stem tip	C chrome plated
	Z faying surface	W stellited faying surface and tip of the stem	D burnished



Methode zur Ventilidentifikation mit AMP®-Nummer

Beispiel **P VWG 035 - A - P - C**

- **P** steht für „Ventil“
- Die Buchstaben **XYZ** beziehen sich auf die Fahrzeugmarke (z.B. **VWG** - steht für Volkswagen Konzern)
- **PXYZ###** Ein Index, der sich auf die Ventilgeometrie bezieht

GRUNDNAME	Basisnamenerweiterung, z.B. A - P - C		
P + 3 Buchstaben + 3 Ziffern	Material - 1 Buchstabe	Stelliteinsatz - 1 Buchstabe oder Zahl "0"	Oberflächenvergütung - 1 Buchstabe oder Zahl "0"
Beispiel: P VWG 035	S sorbitisch	O ohne Stellite	O nicht vergütet
	A austenitisch	P Ventilsitzfläche mit Stellitauf-schweißung	N nitriert
	B bimetallisch	T Ventilschaftend-stück mit Stellitauf-schweißung	C verchromt
	Z Verschweißplatte	W Ventilsitzfläche und Ventilschaftend-stück mit Stellitauf-schweißung	D glattgeprägt

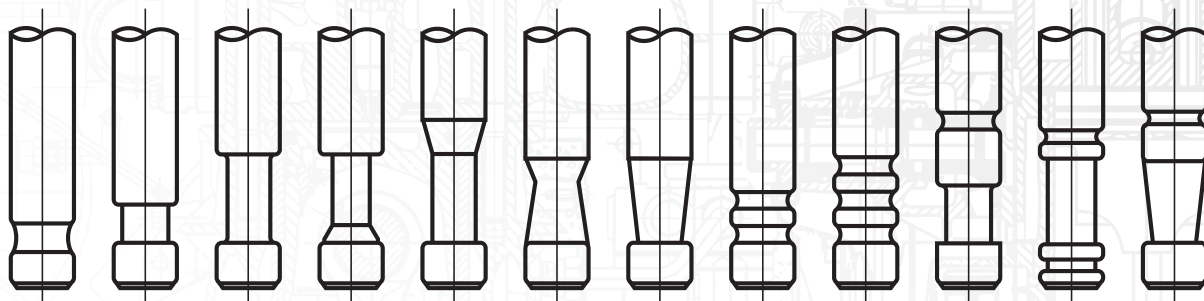
Метод обозначения клапанов номером AMP®

Пример обозначения **P VWG 035 - A - P - C**

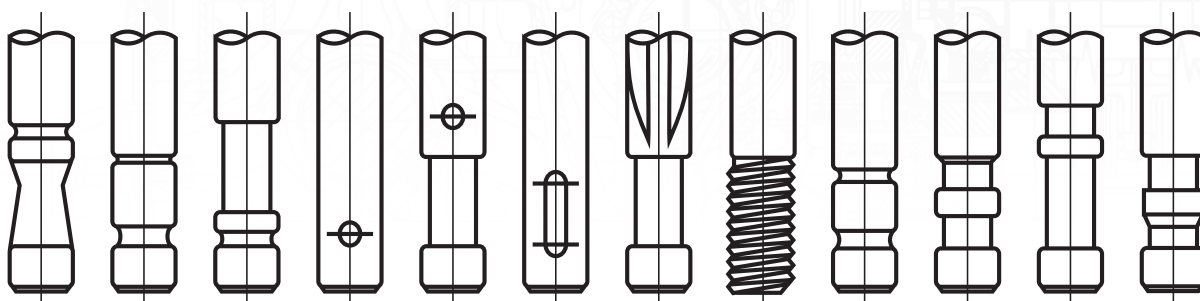
- **P** означает „клапан“
- Буквы **XYZ** относятся к марке автомобиля (нп. **VWG** - относятся к Volkswagen Group)
- **PXYZ###** индекс, относящийся к геометрии клапана (референционный номер)

BASIC NAME	Расширение основного названная нп.: A - P - C		
P + 3 буквы + 3 цифры	Материал - 1 буква	Stellit - 1 буква или цифра "0"	Дополнительная обработка поверхности - 1 буква или цифра "0"
Пример : P VWG 035	S сталь сорбитная	O без стеллита	O без дополнительной обработки
	A сталь аустенитная	P стеллитированная рабочая поверхность тарелки клапана	N азотирование
	B биметалл	T стеллитированный торец клапана	C хромирование
	Z сварная пластина	W стеллитированные рабочая часть тарелки клапана и торец клапана	D метод упрочнения наружной прессование тел вращения накаткой роликами

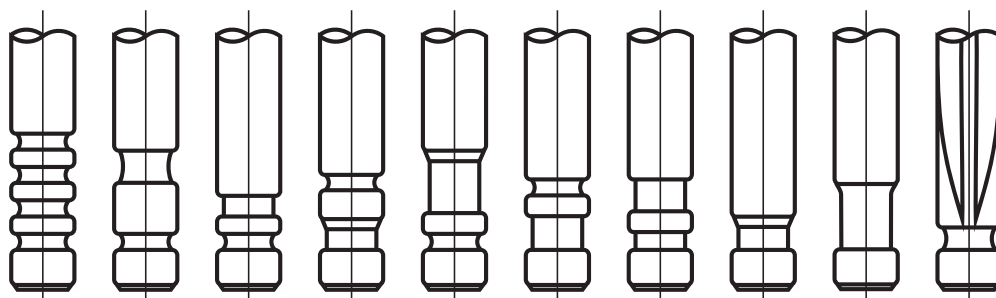
Typy zamków



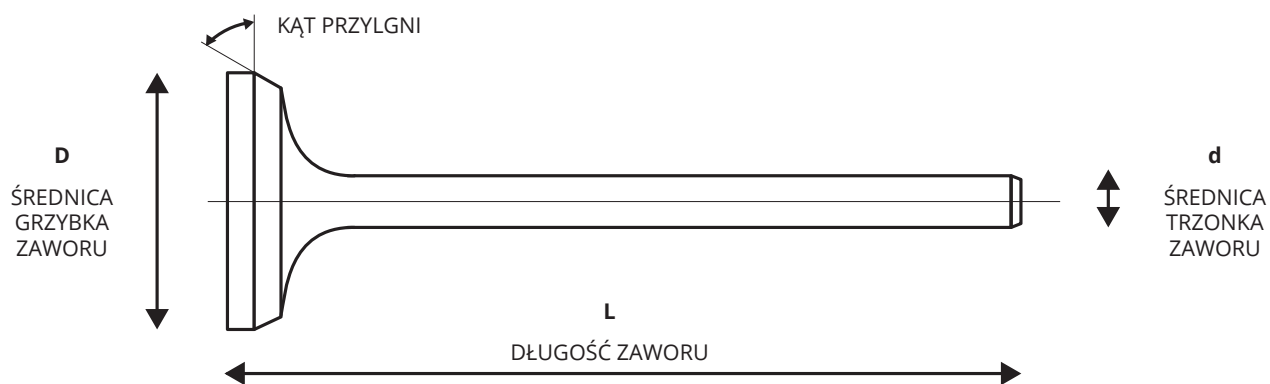
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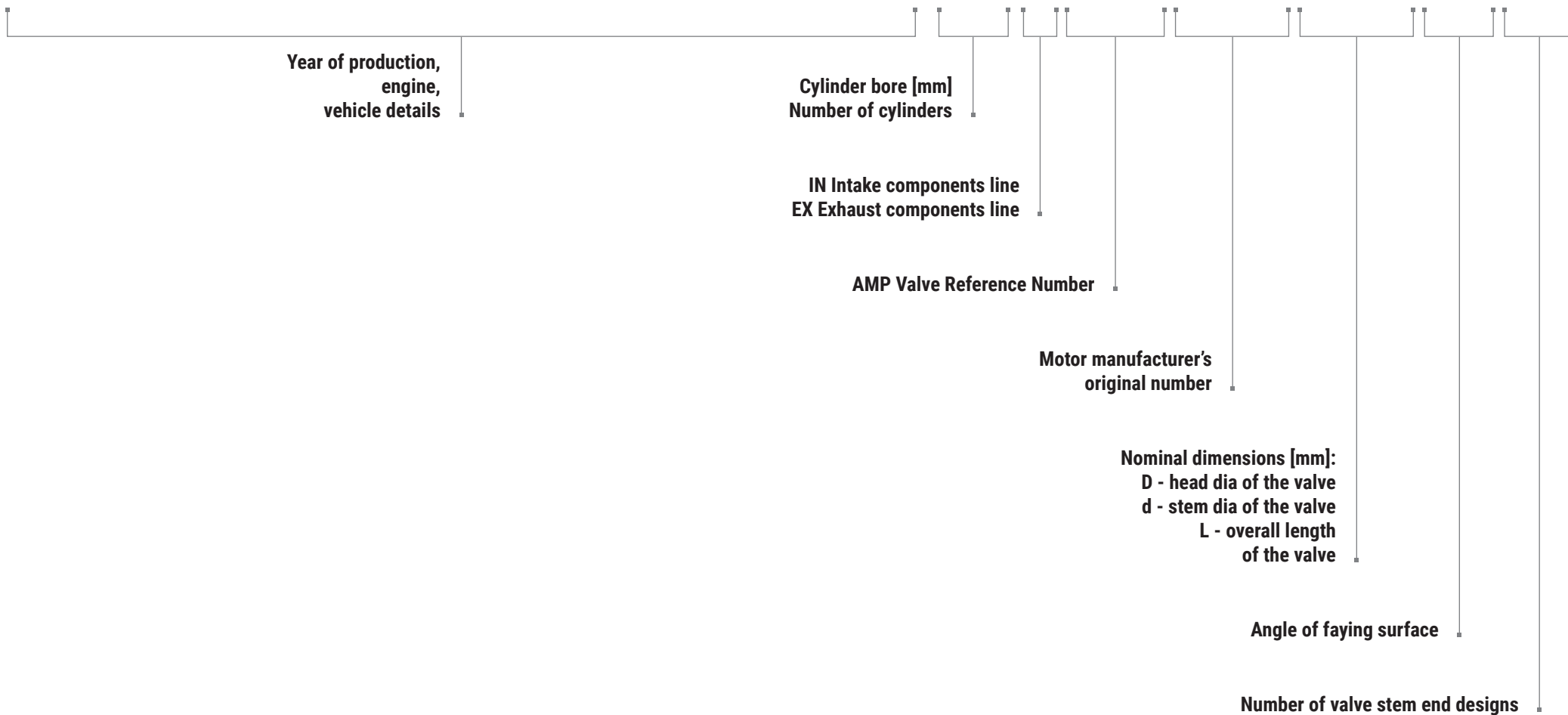
13 14 15 16 17 18 19 20 21 22 23 24



25 26 27 28 29 30 31 32 33 34



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przyłgni	Typ zamka
TOYOTA BENZYNA											
ENG. 1SZ-FE	Yaris 1.0	98 →	998 ccm	50 kW (68 PS)	69 / 4	IN	PTOY007	13711-23030	26,0x5,0x88,2	45	1
ENG. 2SZ-FE	Yaris 1.3 16V	02 →	1298 ccm	64 kW (87 PS)	72 / 4	EX	PTOY008	13711-97401 13711-0J010 13715-23030 13715-97401 13715-0J010			



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przyłgni	Typ zamka
TOYOTA BENZYNA											
ENG. 1SZ-FE	Yaris 1.0	98 →	998 ccm	50 kW (68 PS)	69 / 4	IN	PTOY007	13711-23030	26,0x5,0x88,2	45	1
ENG. 2SZ-FE	Yaris 1.3 16V	02 →	1298 ccm	64 kW (87 PS)	72 / 4	EX	PTOY008	13711-97401 13711-0J010 13715-23030 13715-97401 13715-0J010	22,6x5,0x89,1	45	1

Marke,
Modelle, Typ,
Leistung, Baujahr

Durchmesser,
Zahl der Zylinder

IN Saugventil
EX Abblaseventil

AMP Katalognummer

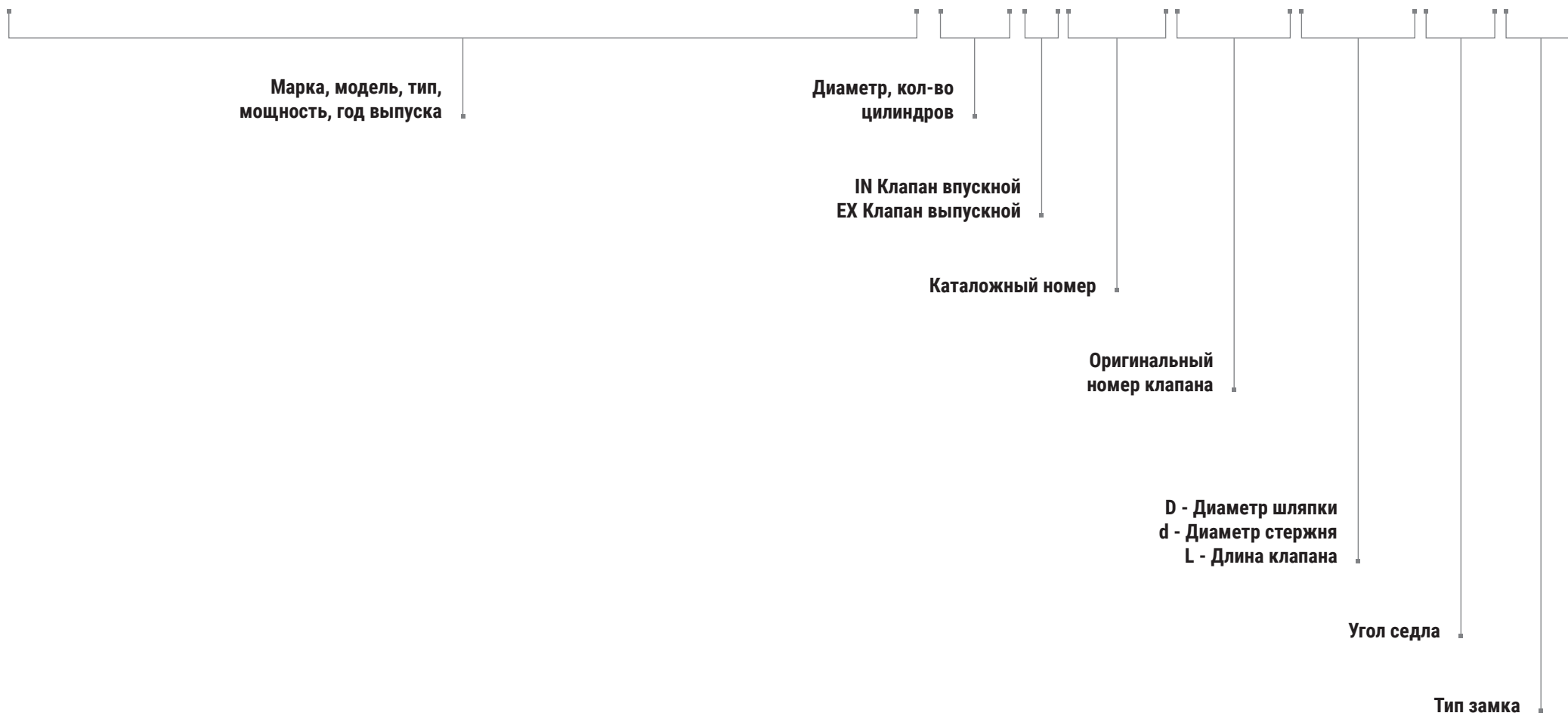
Originalnummer des Ventils
(amtliches Kennzeichen)

D - Durchmesser des Ventilteller
d - Durchmesser des Ventilschaftes
L - Länge des Ventils
[in Millimetern]

Winkel der Sitzfläche

Typ des Schlosses

Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przyłgni	Typ zamka
TOYOTA BENZYNA											
ENG. 1SZ-FE	Yaris 1.0	98 →	998 ccm	50 kW (68 PS)	69 / 4	IN	PTOY007	13711-23030	26,0x5,0x88,2	45	1
ENG. 2SZ-FE	Yaris 1.3 16V	02 →	1298 ccm	64 kW (87 PS)	72 / 4	EX	PTOY008	13711-97401 13711-0J010 13715-23030 13715-97401 13715-0J010	22,6x5,0x89,1	45	1



SPIS TREŚCI

A		F		K	
AGREGATY	6	FENDT	118	KAMAZZ	228
ALFA ROMEO	7	FIAT/IVECO	121	KIA	229
ANDORIA MOT	21	FORD/FORDSON	164	KLOECKNER - HUMBOLDT - DEUTZ	232
AUDI	22	FORDSON	→FORD/FORDSON.. 164	KOMATSU	239
AUSTIN LEYLAND	44	FSO WARSZAWA	187	KUBOTA	240
AUTOBIANCHI	46				
AVIA	48	G		L	
		GÜLDNER	189	LADA (ŁADA)	241
B		H		LAMBORGHINI	245
BEDFORD	49	HANOMAG	190	LANCIA	246
BERLIET	→RVI.. 451	HARLEY DAVIDSON	196	LAND ROVER	→ROVER.. 440
BMW	52	HENSCHEL	197	LANDINI	→MASSEY FERGUSON.. 277
BOLINDER - MUNKTELL	→VOLVO.. 576	HILLMAN	198	LEYLAND	257
BYELARUS	64	HONDA	199	LIAZ	259
		HÜRLIMANN	203	LIEBHERR	260
C		HYUNDAI	204	LISTER	261
CASE	65	I		LOKOMOTYWY	263
CATERPILLAR	69	IKARUS	209	LOMBARDINI	265
CHERY	→SPERANZA/CHERY.. 498	INFINITY	→NISSAN.. 333	LOTUS	266
CHEVROLET	72	INNOCENTI	211		
CHRYSLER	77	INTERNATIONAL HARVESTER	214	M	
CITROEN	81	ISUZU	217	MAN	267
CUMMINS	100	IVECO	→FIAT/IVECO.. 121	MARINE (MORSKIE)	275
		J		MASERATI	276
DACIA	101	JEEP	219	MASSEY FERGUSON	277
DAEWOO	104	JELCZ	222	MAYBACH	280
DAF	106	JOHN DEERE	223	MAZDA	281
DAIHATSU	112	JUNAK	227	MERCEDES	289
DATSUN	→NISSAN.. 333			MINI	316
DAVID BROWN	115			MITSUBISHI	318
DOOSAN	→AGREGATY.. 6			MOSKWICZ	327
DORMAN	116			MTZ	328
				MULTICAR	329
E				MWM	330
EICHER	117				

N

NEW HOLLAND	→DAF..	106
.....	→FIAT/IVECO..	121
.....	→FORD/FORDSON..	164
.....	→MERCEDES..	289
.....	→PERKINS..	377
NISSAN		333

O

OM (OFFICINE MECCANICHE) ...	→FIAT/IVECO..	121
OPEL/VAUXHALL		347

P

PAYKAN	→PEUGEOT..	384
PEGASO	→ANDORIA MOT..	21
PERKINS		377
PETTER		383
PEUGEOT		384
PORSCHE		406

R

RABA	→IKARUS..	209
.....	→MAN..	267
RELIANT	→FORD/FORDSON..	164
RENAULT		408
ROMAN-DIESEL		439
ROVER GROUP		440
RUGGERINI		450
RVI		451

S

SAAB		459
SAME		463
SAVIEM		465
SCANIA		466
SEAT		471
SIMCA - TALBOT	→PEUGEOT..	384
SIMSON		487
SKODA		488
SMART		496
SPERANZA/CHERY		498
SSANGYOUNG		499
STAR STARACHOWICE		501
STEYR - DAIMLER - PUCH		503
SUBARU		507
SULZER	→LOKOMOTYWY..	263
.....	→MARINE (MORSKIE)..	275
SUZUKI		509

T

TATA		516
TATRA		517
TOYOTA		518

U

UAZ		530
UNIVERSAL-UTOS		531
URSUS		532

V

VOLGA (WOŁGA)		536
VOLKSWAGEN		537
VOLVO		576

W


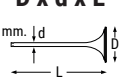


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Y


YAMZ		603
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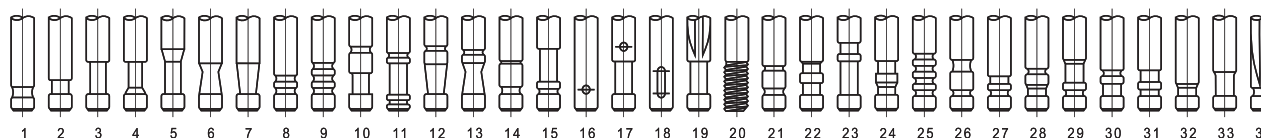
Z

ZASTAWA		604
ZAZ		605
ZETOR		606
ZIL (ZIŁ)		608
ZÜNDAPP		609
ZUK (ŻUK)		610

Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AGREGATY											
	TYP 36 KVS 1000 CP					EX	PAGR003	MC-R32558	95,9x18,9x393,7 Zawór dekompresyjny	45	3
							PAGR004	MC-R51505/B	38,1x15,8x381,0	45	33
	DOOSAN					IN	PAGR005	65.04101-0067	43,0x8,0x152,0	30	1
						EX	PAGR006	65.04101-0068	40,0x8,0x152,0	30	1
	PIERWOMAJSK DIESEL MASH					IN	PAGR007	72.91.003.01C	99,9x17,9x298,8	45	6
						EX	PAGR008	72.91.001.01C	99,9x17,9x298,8	45	6




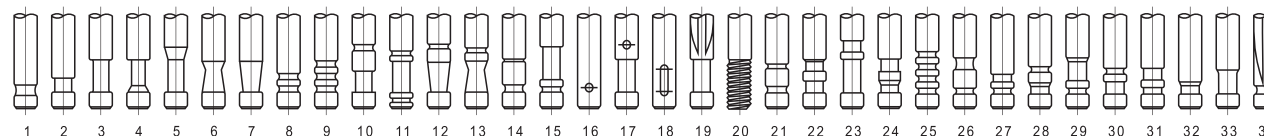
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
ALFA ROMEO BENZYNA											
ENG. AR 33503	145 1.4i 16V	11/96-12/00	1370 ccm	76 kW (103 PS)	82 / 4	IN	PALF005	7735898	30,0x7,0x113,2	45	9
	146 1.4i 16V	11/96-12/00		60812982							
ENG. AR 32104	147 1.6i 16V	11/00 →	1599 ccm	88 kW (120 PS)	82 / 4	EX	PALF006	7735899	26,0x7,0x108,8	45	9
	156 1.6i 16V	10/97-12/05						60812981			
ENG. AR 37203	147 1.6i 16V	11/00 →	1598 ccm	77 kW (105 PS)	82 / 4						
ENG. AR 30746	33 1.7i 16V	1/90-10/94	1712 ccm	98 kW (133 PS)	87 / 4	IN	PALF007	60525336	32,0x7,0x99,1	45	9
ENG. AR 30747	33 1.7i 16V	1/90-10/94	1712 ccm	95 kW (129 PS)	87 / 4			133798			
ENG. AR 33401	145 1.7i 16V	4/94-11/96	1712 ccm	95kW (129 PS)	87 / 4	EX	PALF008	A133798	26,0x7,0x101,2	45	9
	146 1.7i 16V	12/94-11/96						60525337			
ENG. AR 30102, AR 30104	Alfasud 1.2	6/72-9/84	1186 ccm	46-50 kW (63-68 PS)	80 / 4	IN	PALF009	60540326	39,8x8,0x92,0	45	9
ENG. AR 30168	33 1.3	6/83-3/88	1351 ccm	63 kW (85 PS)	80 / 4	EX	PALF010	A134957			
	Alfasud 1.3	3/80-12/84						60540325			
	Arna 1.3	1/85-12/86						33,1x8,0x92,1			
	Sprint 1.3	7/79-12/89							A134958		
ENG. AR 30180	Alfasud 1.3	3/80-6/83	1351 ccm	50-55 kW (68-76 PS)	80 / 4						
ENG. AR 30184	Alfasud 1.3	9/77-9/84	1351 ccm	55 kW (76 PS)	80 / 4						
	Sprint 1.3	9/76-4/78									
ENG. AR 30500	33 1.2	6/83-3/88	1186 ccm	44-50 kW (60-68 PS)	80 / 4						
	Arna 1.2	1/85-12/86									
ENG. AR 30568, AR 30587, AR 30732	33 1.3	6/83-10/94	1351 ccm	63-66 kW (86-90 PS)	80 / 4						
ENG. AR 30743	33 1.2	1/90-8/91	1186 ccm	57 kW (78 PS)	80 / 4						
ENG. AR 30753, AR 30755	33 1.4i	6/91-10/94	1351 ccm	65 kW (88 PS)	80 / 4						


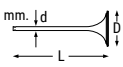




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ALFA ROMEO BENZYNA											
ENG. AR 31000, AR 31010	Arna 1.2	9/83-12/84	1186 ccm	47-64 kW (64-86 PS)	80 / 4	IN	PALF009	60540326	39,8x8,0x92,0	45	9
ENG. AR 33501	145 1.4i	4/94-1/96	1351 ccm	66 kW (90 PS)	84 / 4	EX	PALF010	A134957	33,1x8,0x92,1	45	9
	146 1.4i	12/94-11/96						60540325			
ENG. AR 30124, AR 30128	33 1.5 Alfasud 1.5 Sprint 1.5	9/83-12/89 3/80-12/84 7/79-12/82	1490 ccm	61-70 kW (83-95 PS)	84 / 4			A134958			
ENG. AR 30146	33 1.5 Alfasud 1.5 Sprint 1.5	6/84-12/89 1/83-12/84 1/83-12/89	1490 ccm	75 kW (102 PS)	84 / 4						
ENG. AR 30508, AR 30588	33 1.5	7/87-12/89	1490 ccm	77 kW (105 PS)	84 / 4						
ENG. AR 30514	33 1.5	1/84-12/89	1490 ccm	66-70 kW (90-95 PS)	84 / 4						
ENG. AR 30520	33 1.5 Arna 1.5	6/84-12/89 1/85-12/86	1490 ccm	66 kW (90 PS)	84 / 4						
ENG. AR 30750, AR 30751	33 1.5i	6/90-10/94	1490 ccm	70-74 kW (95-101 PS)	84 / 4						
ENG. AR 33201	145 1.6i 146 1.6i	4/94-11/96 5/95-11/96	1596 ccm	76 kW (103 PS)	84 / 4						
ENG. AR 30734	33 1.5	2/90-3/92	1490 ccm	77 kW (105 PS)	84 / 4						
ENG. AR 30738	33 1.5i	4/92-10/94	1490 ccm	70 kW (95 PS)	84 / 4						
ENG. AR 30550	33 1.7 Alfasud 1.7 Sprint 1.7	10/86-3/90 9/87-12/89 10/87-12/89	1712 ccm	85-87 kW (115-118 PS)	87 / 4						
ENG. AR 30578, AR 30736, AR 30737, AR 30740	33 1.7i	4/88-10/94	1712 ccm	77-79 kW (105-107 PS)	87 / 4						

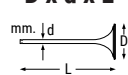




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
ALFA ROMEO BENZYNA											
ENG. 937 A1.000	GTV 2.0i JTS 16V	6/03-12/05	1969 ccm	121 kW (165 PS)	83 / 4	IN	PALF020	7766564	33,6x7,0x113,0	45	9
	GT 2.0 JTS 16V	10/03-7/04		60811153							
	156 2.0 JTS 16V	1/02-12/05		7766565							
	147 2.0 JTS 16V	9/02 →		60811154							
	Spider 2.0i JTS 16V	6/03-2/06						60674496			
ENG. AR 32101	156 1.6i 16V	10/97-12/01	1599 ccm	88 kW (120 PS)	82 / 4	EX	PALF021	7766565	28,0x7,0x108,6	45	9
ENG. AR 32102	145 1.6i 16V	2/99-12/00	1599 ccm	88 kW (120 PS)	82 / 4						
	146 1.6i 16V	2/99-12/00									
	156 1.6i 16V	4/98-9/00									
ENG. AR 32201	145 1.8i 16V	5/98-12/00	1747 ccm	103-106 kW (140-144 PS)	82 / 4						
	146 1.8i 16V	11/96-12/00									
	156 1.8i 16V	10/97-9/00									
	GTV 1.8i 16V	3/98-12/00									
	Spider 1.8i 16V	3/98-12/00									
ENG. AR 32205	156 1.8i 16V	9/00-12/05	1747 ccm	106 kW (144 PS)	82 / 4						
	GT 1.8i 16V	10/03 →									
ENG. AR 67106	145 1.8i 16V	11/96-4/98	1747 ccm	103-106 kW (140-144 PS)	82 / 4						
	146 1.8i 16V	11/96-4/98									
	155 1.8i 16V	5/96-10/97									
	156 1.8i 16V	10/97 →									
ENG. AR 67601	145 1.6i 16V	11/96-12/00	1599 ccm	88 kW (120 PS)	82 / 4						
	146 1.6i 16V	11/96-12/00									
	155 1.6i 16V	5/96-10/97									
	156 1.6i 16V	10/97-9/00									





Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ALFA ROMEO BENZYNA											
ENG. AR 16201	145 2.0i 16V	6/00-12/00	1969 ccm	110-114 kW (150-155 PS)	83 / 4	IN	PALF020	7766564	33,6x7,0x113,0	45	9
	146 2.0i 16V	3/96-12/00						60811153			
	156 2.0i 16V	1/99-10/05						7766565			
	166 2.0i 16V	10/98 →						60811154			
	GTV 2.0i 16V	4/95-9/00						60674496			
	Spider 2.0i 16V	4/95-9/00									
ENG. AR 32301	145 2.0i 16V	5/98-12/00	1970 ccm	110-114 kW (150-155 PS)	83 / 4	EX	PALF021		28,0x7,0x108,6	45	9
	146 2.0i 16V	5/98-12/00									
	156 2.0i 16V	1/02-12/05									
	Spider 2.0i 16V	4/95-9/00									
ENG. AR 32303	156 2.0i 16V	9/00-12/01	1969 ccm	110-114 kW (150-155 PS)	83 / 4						
ENG. AR 32310	147 2.0i 16V	11/00 →	1969 ccm	114 kW (155 PS)	83 / 4						
	156 2.0i 16V	9/00-10/05									
	GTV 2.0i 16V	6/00-12/05									
	Spider 2.0i 16V	9/00-6/02									
ENG. AR 67204	145 2.0i 16V	10/95-4/98	1969 ccm	110 kW (150 PS)	83 / 4						
	146 2.0i 16V	10/95-4/98									
	155 2.0i 16V	3/95-10/97									
	GTV 2.0i 16V	5/95-4/98									
	Spider 2.0i 16V	5/95-4/98									
ENG. AR 01655	Alfetta 2.0	6/05 →	1962 ccm	96 kW (131 PS)	84 / 4	IN	PALF041	105120330000	44,0x9,0x105,0	30	1
	Giulietta (116) 2.0	6/80-4/85						105120330001			
	GTV 2.0	7/78-01/86						60516251			
ENG. AR 10512	GTV 2.0	11/80-1/95	1962 ccm	96 kW (130 PS)		EX	PALF042	105120330102 105120330105 60516253	40,0x9,0x105,0	30	1


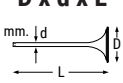




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
ALFA ROMEO BENZYNA											
ENG. AR 11633	Alfa 2000 Alfetta 2.0 Giulietta (116) 2.0 Spider 2.0	5/76 →	1962 ccm	89-94 kW (121-128 PS)	84 / 4	IN	PALF041	105120330000	44,0x9,0x105,0	30	1
		5/76-12/84						105120330001			
ENG. AR 11655	75 2.0i 90 2.0i	6/80-4/85	1962 ccm	94-109 kW (128-148 PS)	c84 / 4	EX	PALF042	60516251	40,0x9,0x105,0	30	1
		6/71-12/89						105120330102			
ENG. AR 11671	Giulietta (116) 2.0	10/84-7/87	1962 ccm	96 kW (131 PS)	84 / 4			105120330105			
ENG. AR 06212, AR 01713	Alfetta 2.0 ie 75/90 2.0 ie	2/87-2/92	1962 ccm	96 kW (131 PS)	84 / 4	IN	PALF043	116550330003	44,0x9,0x104,5	30	1
		10/84-7/87						116550330007			
ENG. M619 DT.200	164 2.0 ie Turbo	87 →	1995 ccm		84 / 4	IN	PALF046	6054886	40,0x9,0x105,0	30	1
								105120330102			
ENG. AR 67203	155 2.0i Turbo 75 2.0 16V Turbo	82-89	1995 ccm		84 / 4	EX	PALF048	105120330105	43,6x8,0x105,6	45	1
		82-89						60516253			
ENG. AR 67203	155 2.0i Turbo 75 2.0 16V Turbo	87 →	1995 ccm		84 / 4	IN	PALF049	4440061	34,5x7,0x128,0	45	1
		92-93						4460061			
ENG. AR 67203	155 2.0i Turbo 75 2.0 16V Turbo	91 →	1995 ccm		84 / 4	EX	PALF050	7547400	28,5x7,0x125,7	45	1
		91 →						46406169			
ENG. AR 67203	155 2.0i Turbo 75 2.0 16V Turbo	91 →	1995 ccm		84 / 4	EX	PALF050	7031135	28,5x7,0x125,7	45	1
		91 →						5953041			
ENG. AR 67203	155 2.0i Turbo 75 2.0 16V Turbo	91 →	1995 ccm		84 / 4	EX	PALF050	7474739	28,5x7,0x125,7	45	1
		91 →						7474739			
ENG. AR 67203	155 2.0i Turbo 75 2.0 16V Turbo	91 →	1995 ccm		84 / 4	EX	PALF050	7574739	28,5x7,0x125,7	45	1
		91 →						7722907			
ENG. AR 67203	155 2.0i Turbo 75 2.0 16V Turbo	91 →	1995 ccm		84 / 4	EX	PALF050	7611673	28,5x7,0x125,7	45	1
		91 →						7650916			
ENG. AR 67203	155 2.0i Turbo 75 2.0 16V Turbo	91 →	1995 ccm		84 / 4	EX	PALF050	7958073	28,5x7,0x125,7	45	1
		91 →						7574742			
ENG. AR 67203	155 2.0i Turbo 75 2.0 16V Turbo	91 →	1995 ccm		84 / 4	EX	PALF050	60805836	28,5x7,0x125,7	45	1
		91 →									




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ALFA ROMEO BENZYNA											
ENG. 119/11, AR 01928	6 2.5 ie V6	6/84 →	2492 ccm	117 kW(158 PS)	88 / 6	IN	PALF055	119000330012	41,0x9,0x107,5	45	1
ENG. 119, AR 01911	75 2.5 ie V6	5/85 →	2492 ccm	115 kW(156 PS)	88 / 6			60523548			
ENG. 119/11, AR 01646	90 2.5 ie V6	6/84 →	2492 ccm	117 kW(158 PS)	88 / 6			119280330001			
ENG. 119, AR 01928	GTV 2.5 V6	6/84 →	2492 ccm	118 kW(160 PS)	88 / 6	EX	PALF056	119000330114	36,5x9,0x94,5	45	1
ENG. AR 67301, AR 67302	155 ie 2.5 V6	92 →	2492 ccm	122 kW(166 PS)	88 / 6			60523550 119280330101			
ENG. AR 32401, AR 32405	156 2.5i V6 24V	97 →	2492 ccm	140 kW (190 PS)	88 / 6	IN	PALF057	60582738	33,5x7,0x102,0	45	9
ENG. AR 34201, AR 36201	166 2.5i V6 24V	97 →	2492 ccm	140 kW (190 PS)	88 / 6	EX	PALF058	60582739	29,0x7,0x102,2	45	9
ENG. AR 06410	164 3.0i	6/87-9/92	2959 ccm	138-141 kW (184-192 PS)	93 / 6	IN	PALF061	60560643	35,6x7,0x102,0	45	9
ENG. AR 06430	164 3.0i	9/90-9/92	2959 ccm	147-149 kW (200-203 PS)	93 / 6			55186770			
ENG. AR 64307	164 3.0i V6 24V	12/93-9/98	2959 ccm	169 kW (230 PS)	93 / 6	EX	PALF062	60560644	31,1x7,0x102,1	45	9
ENG. AR 34301, AR 36101	166 3.0i V6 24V	10/98-10/03	2959 ccm	166 kW (226 PS)	93 / 6						
ENG. AR 16105, AR 16102	Spider 3.0i V6 24V GTV 3.2i V6 24V	9/00-2/06 11/96-12/05	2959 ccm	162 kW (220 PS)	93 / 6						
ENG. 932 A.000	147 3.2i V6 24V 156 3.2i V6 24V	1/03 → 3/02-10/05	3179 ccm	184 kW (250 PS)	93 / 6						
ENG. 936 A.000	166 3.2i V6 24V GT 3.2i V6 24V GTV 3.2i V6 24V Spider 3.2i V6 24V	03 → 03 → 03 → 03 →	3179 ccm	176 kW (240 PS)	93 / 6						
ENG. 936 A.6000	GT 3.2i V6 24V GTV 3.2i V6 24V Spider 3.2i V6 24V	10/03 → 6/03-12/05 6/03-2/06	3179 ccm	176 kW (240 PS)	93/6						


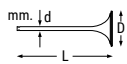




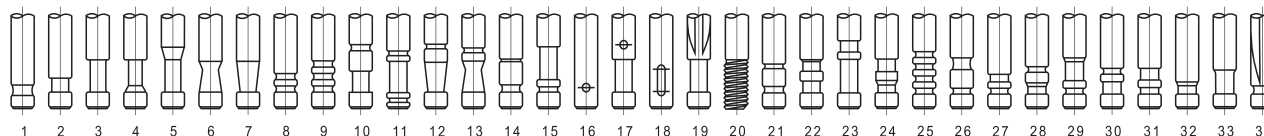
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ALFA ROMEO BENZYNA											
159 1.8 16V	ENG. 939A4.000	05 →	1796 ccm	-	82 /4	IN	PALF072	641076 55557741	31,2x5,0x113,8	45	9
						EX	PALF073	641391 641392 55355572 71744388	27,5x5,0x113,2	45	9
ENG. 939 A5.000	159 2.2 JTS 16V Brera 2.2 JTS 16V Spider 2.2 JTS 16V	6/05 → 06 → 06 →	2198 ccm	136 kW (185 PS)	86 /4	IN	PALF074	12575793 12786696 55192156 55563529	35,1x6,0x102,3	45	9
ENG. 939 A6.000	159 1.9 JTS 16V	6/05 →	1859 ccm	118 kW (160 PS)	86 /4	EX	PALF075	641056 641063 71739277 12597371 12791961 24454518 4805043 641373 641376 641380 71739320 71739686			

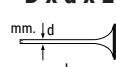




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
ALFA ROMEO BENZYNA											
ENG. 199 A6.000	Mito (955_) 1.4	09/08 - 08/13	1368 ccm	70 kW (95 PS)	86 /4	IN	PALF080	55185028	26,9x6,0x95,3	45	9
ENG. 199 A8.000	Mito (955_) 1.4 Tjet (955AXA1B)	08/08 - 06/11	1368 ccm	114 kW (155 PS)	86 /4	EX	PALF081	55185080	22,4x6,0x94,7	45	9
ENG. 940 A2.000	Giulietta (940_)1.4 Tb Giulietta (940_) 1.4 Tb (940FXB1A) Mito (955_) 1.4 Multiair (955AXN1B)	09/14 → 04/10 → 09/09 →	1368 ccm	110 kW (150 PS)	86 /4						
ENG. 940 B1.000	Giulietta (940_)1.4 Tb	04/11 →	1368 ccm	77 kW (105 PS)	86 /4						
ENG. 955 A7.000	Mito (955_) 1.4 Turbo MultiAir (955AXM1A, 955AXR11)	10/09 →	1368 ccm	99 kW (135 PS)	86 /4						
ENG. 955 A8.000	Giulietta (940_) 1.4 TB (940FXG1A) Mito (955_) 1.4 Turbo MultiAir	04/10 → 10/09 -	1368 ccm 1368 ccm	120 kW (163 PS)	86 /4						


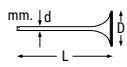




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ALFA ROMEO DIESEL											
ENG. 8144.61	10/13 AR 6 2.4 D	85-86	2445 ccm	53 kW (72 PS)	93 / 4	IN	PALF001	4733348	40,9x8,0x121,9	30	1
ENG. 8140.61	30 AR 8 2.4 D	78 →	2445 ccm	53 kW (72 PS)	93 / 4	IN	PALF003	4813760	41,0x8,0x120,8	30	1
	35 AR 8 2.4 D	78 →						7701462677			
	40 AR 8 2.4 D	78 →						4757358			
								7301820			
						EX	PALF002	504069200	32,9x8,0x122,0	45	1
								7701030863			
								7701462678			
								7701463603			
								7701467250			
								0948.A2			
ENG. 8140.27.2700	30 AR 8 Turbo	→12/88	2499 ccm	76 kW (103 PS)	93 / 4	IN	PALF003	4757358	41,0x8,0x120,8	30	1
ENG. 8144.21.220	10 AR 6 Turbo	3/68-12/89	2445 ccm	68 kW (92 PS)	93 / 4	IN	PALF003	7301820	41,0x8,0x120,8	30	1
	14 AR 6 Turbo	3/86-12/89						504069200			
ENG. 8140.21.200	30 AR 8 Turbo	4/85-12/88	2445 ccm	68 kW (92 PS)	93 / 4	IN	PALF003	7701030863	41,0x8,0x120,8	30	1
	35 AR 8 Turbo	4/85-12/88						7701462678			
	40 AR 8 Turbo	4/85-12/88						7701463603			
ENG. 8140.61.200	30 AR 8	4/78-12/89	2445 ccm	53-60 kW (72-82 PS)	93 / 4	EX	PALF017	7701467250	34,4x8,0x122,0	45	1
	35 AR 8	4/78-12/89						0948.A2			
	40 AR 8	4/78-12/89						7301821			
ENG. 8144.61.200	10 AR 6	4/85-2/86	2429 ccm	53 kW (72 PS)	93 / 4	EX	PALF017	4826033	34,4x8,0x122,0	45	1
	13 AR 6	4/85-2/86						7303309			
	14 AR 6	4/85-2/86						7302157			
	32 AR 8	4/78-12/89						7701203675			
	35 AR 8	4/78-12/89									
	40 AR 8	4/78-85									
ENG. 8144.67.220	10 AR 6	3/86-12/89	2499 ccm	55 kW (75 PS)	93 / 4	EX	PALF017		34,4x8,0x122,0	45	1
	14 AR 6	3/86-12/89									


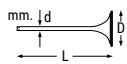




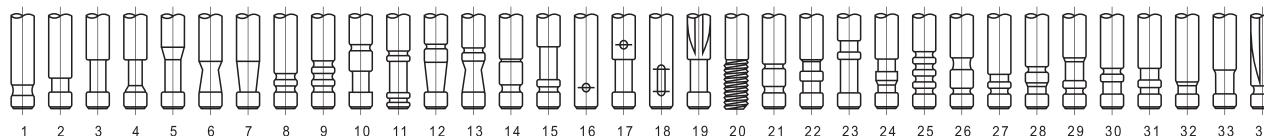
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ALFA ROMEO DIESEL											
ENG. VM HR488HT/2 Turbo	Alfetta 2.0 TD	83 →	1995 ccm	70 kW (95 PS)	88 / 4	IN	PALF011	V94DD6507AA	40,0x8,0x121,0	35	1
	Giulietta 2.0 TD	83 →						60507189			
ENG. VM80A	75 2.0 TD	88 →	1995 ccm	70 kW (95 PS)	88 / 4	EX	PALF012	116760330001	34,0x8,0x121,0	45	1
ENG. VM HR588HT/2 Turbo	6 2.5 TD	83 →	2393 ccm	81 kW (110 PS)	88 / 5			20360026			
ENG. VM81A Turbo	90 TD Alfetta 2.4 TD 75 2.4 TD	84 →			92 / 4	EX	PALF012	20360026A	34,0x8,0x121,0	45	1
		84 →						2036019			
		84 →						04720146			
ENG. VM RT 392 Turbo	33 TD Giardinetta TD	86 →	1779 ccm	55 kW (74 PS)	92 / 3	EX	PALF012	AEU2296	34,0x8,0x121,0	45	1
		86 →						AEU2296L			
ENG. VM HR 494.4 SHIR Turbo	164 TD	87 →	2500 ccm	86 kW (117 PS)	92 / 4	EX	PALF012	V94DD6505AA	34,0x8,0x121,0	45	1
ENG. VM07B, VM0B	155/164 2.5I Turbo-Diesel	92 →	2500 ccm	92 kW (125 PS)	92 / 4			60504864			
ENG. VM492 HT	75-90 2.4 TD	83-93	2392 ccm	-	92 / 4	EX	PALF071	60540864	34,0x8,0x121,0	45	1
								195590330100			
								116760330101			
								2037018			
ENG. M717AT.24T	155 2.4 TD 164 2.4 TD	97 →	2387 ccm	91 kW (124 PS)	82 / 5	IN	PALF013	04720148	37,5x8,0x114,5	45	9
		97 →						LGH10041			
ENG. M717AT.24T	155 2.4 TD 164 2.4 TD	97 →	2387 ccm	91 kW (124 PS)	82 / 5	EX	PALF014	RTC4116	31,0x8,0x114,5	45	9
								20370025			
ENG. M717AT.24T	155 2.4 TD 164 2.4 TD	97 →	2387 ccm	91 kW (124 PS)	82 / 5	EX	PALF014	20370025A	31,0x8,0x114,5	45	9
								46527855			
ENG. M717AT.24T	155 2.4 TD 164 2.4 TD	97 →	2387 ccm	91 kW (124 PS)	82 / 5	EX	PALF014	7798620	31,0x8,0x114,5	45	9
								46527856			
ENG. M717AT.24T	155 2.4 TD 164 2.4 TD	97 →	2387 ccm	91 kW (124 PS)	82 / 5	EX	PALF014	7783225	31,0x8,0x114,5	45	9


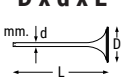




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
ALFA ROMEO DIESEL												
ENG. AR 32302	145 1.9 JTD	5/98-12/00	1910 ccm	76 kW (103 PS)	82 / 4	IN	PALF015	46750859	35,5x8,0x115,0	45	9	
	146 1.9 JTD	5/98-12/00						46478834				
	156 1.9 JTD	10/97-9/00						55193126				
ENG. AR 32501	156 2.4 JTD	10/97-9/00	2387 ccm	100 kW (136 PS)	82 / 5	EX	PALF016	60816038	34,5x8,0x115,0	45	9	
	166 2.4 JTD	10/98 →						641083				
ENG. AR 34202, AR 36202	166 2.4 JTD	10/98-5/02	2387 ccm	100-103 kW (136-140 PS)	82 / 5			46764378				
ENG. AR 37101	147 1.9 JTD	11/00-5/01	1910 ccm	77-85 kW (105-115 PS)	82 / 4	EX	PALF016	46416321	34,5x8,0x115,0	45	9	
	156 1.9 JTD	9/00-12/01						46783962				
ENG. 182 B9.000	147 1.9 JTD	10/02 →	1910 ccm	74-79 kW (101-107 PS)	82 / 4	EX	PALF016	55202630	34,5x8,0x115,0	45	9	
	156 1.9 JTD	6/03-12/04						60814604				
ENG. 841 C.000	156 2.4 JTD	1/02-10/05	2387 ccm	110 kW (150 PS)	82 / 5	EX	PALF016	60816025	34,5x8,0x115,0	45	9	
	166 2.4 JTD	3/02-10/03						641089				
ENG. 937 A2.000	147 1.9 JTD	11/00-5/05	1910 ccm	85 kW (115 PS)	82 / 4	EX	PALF016		34,5x8,0x115,0	45	9	
	156 1.9 JTD	1/02-10/05										
ENG. 937 A3.000	147 1.9 JTDM 16V	6/05 →	1910 ccm	93 kW (126 PS)	82 / 4	EX	PALF016		34,5x8,0x115,0	45	9	
	156 2.4 JTD	9/00-12/01										
ENG. 839 A6.000	166 2.4 JTD	9/00 →	2387 ccm	103 kW (140 PS)	82 / 5							
ENG. 939 A1.000	159 1.9 JTD	05 →	1910 ccm	-	82 / 4							
ENG. AR 33601, AR 67501, AR 67502	145 1.9 TD	12/94-5/98	1929 ccm	66-68 kW (90-92 PS)	82,6 / 4	IN	PALF018	5990532	37,4x8,0x116,8	45	1	
	146 1.9 TD	1/96-5/98										7547158
	155 1.9 TD	4/93-10/97										60808694
						EX	PALF019	5990533	33,5x8,0x117,0	45	1	
								7588577				
								60808695				


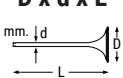




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ALFA ROMEO DIESEL											
ENG. 192 A5.000	147 1.9 JTD 16V 156 1.9 JTD 16V GT 1.9 JTDM 16V	11/00 →	1910 ccm	103 kW (140 PS)	82 / 4	IN	PALF069	55195535	27,9x6,0x114,4	45	9
		10/02-10/05						55190248			
		9/03 →						55202556			
ENG. 841G.000	156 2.4 JTDM 20V 166 2.4 JTDM 20V	6/03-12/05	2387 ccm	120-129 kW (163-175 PS)	82 / 5			46802049			
		6/03 →						641073			
ENG. 939 A1.000	159 1.9 JTDM	6/05 →	1910 ccm	80 kW (120 PS)	82 / 4			641074			
ENG. 939 A2.000	159 1.9 JTDM 16V	9/05 →	1910 ccm	110 kW (150 PS)	82 / 4			641075			
ENG. 937 A5.000	147 1.9 JTDM 16V 156 1.9 JTDM 16V 159 1.9 JTDM 16V GT 1.9 JTDM 16V	6/03 →	1910 ccm	110 kW (150 PS)	82 / 4	EX	PALF070	93178587	25,8x6,0x114,4	45	9
		10/03 →						93185523			
		9/05 →						46787902			
		10/03 →						55190249			
ENG. 939 A3.000	159 2.4 JTDM 20V Brera 2.4 JTDM 20V	03 →	2387 ccm		82 / 5			55202557			
06 →	641385										
ENG. 936 B.000	166 2.4 JTDM 20V	03 →	2387 ccm		82 / 5			641386			
ENG. 199 A3.000	Mito 1.3 JTDM 16V	11/09 →	1248 ccm	66-77 kW (90-105 PS)	69,6 / 4	IN	PALF076	46518930	22,0x6,0x109,3	45	9
								55195680			
								55219965			
								641072			
								641077			
								93186090			
								12911-85E00			
						EX	PALF077	46518931	22,0x6,0x109,3	45	9
							55202685				
							55208213				
							641071				
							641402				
							93177306				
							93190438				
							12915-85E00				
ENG. 4.108	Giulia 1.8 D	4/76-6/78	1753 ccm	36-38 kW (49-52 PS)	79,375 / 4	IN	PALF078	31431661	36,0x8,0x117,0	45	1
								0910064			
						EX	PALF079	31431861	30,3x8,0x117,0	45	1
								0910061			


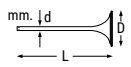




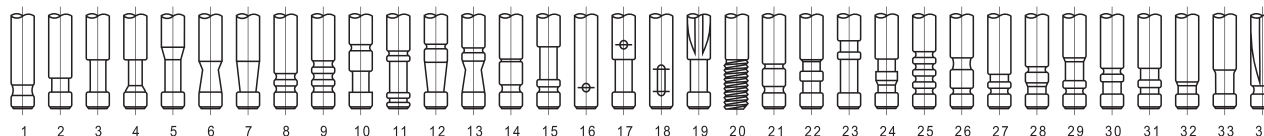
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ALFA ROMEO DIESEL											
ENG. 844 A2.000	159 Sportwagon (939_) 2.0 JTDM (939BXQ1B)	05/09 - 11/11	1956 ccm	120 kW (163 PS)	4	IN	PALF082	55206431	28,0x5,0x114,4	45	9
	BRERA (939_) 2.0 JTDM SPIDER (939_) 2.0 JTDM	03/08 - 06/10 04/09 - 06/10						55207517 55205183 55207955			
ENG. 937 A5.000	147 (937_) 1.9 JTDM 16V (937.AXN1B, 937.BXN1B)	09/04 - 03/10	1910 ccm	110 kW (150 PS)	4	EX	PALF083	55205183 55207955	24,4x5,0x114,4	45	9
	GT (937_) 1.9 JTD	11/03 - 09/10									
ENG. 937 A8.000	159 (939_) 1.9 JTDM 16V (939AXF1B, 939AXC1B)	09/05 - 11/11	1910 ccm	100 kW (136 PS)	4	EX	PALF083	55205183 55207955	24,4x5,0x114,4	45	9
	159 Sportwagon (939_) 1.9 JTDM 16V (939BXC1B)	03/06 - 11/11									
ENG. 939 A1.000	159 (939_) 1.9 JTDM 8V (939AXE1B)	09/05 - 11/11	1910 ccm	88 kW (120 PS)	4	EX	PALF083	55205183 55207955	24,4x5,0x114,4	45	9
	159 Sportwagon (939_) 1.9 JTDM 8V (939BXE1B)	03/06 - 11/11									
ENG. 939 A2.000	159 (939_) 1.9 JTDM 16V (939AXC1B, 939AXC12)	09/05 - 11/11	1910 ccm	110 kW (150 PS)	4	EX	PALF083	55205183 55207955	24,4x5,0x114,4	45	9
	159 Sportwagon (939_) 1.9 JTDM 16V (939BXC1B, 939BXC12)	03/06 - 11/11									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
ALFA ROMEO DIESEL													
ENG. 939 A3.000	159 (939_) 2.4 JTDM (939AXD12, 939AXD1B)	09/05 - 11/11	2387 ccm	147 kW (200 PS)	5	IN	PALF082	55206431	28,0x5,0x114,4	45	9		
								55207517					
	159 Sportwagon (939_) 2.4 JTDM (939BXD1B, 939BXD12)	03/06 - 11/11						EX				PALF083	55205183
	BRERA (939_) 2.4 JTDM 20V	01/06 - 06/10											55207955
	SPIDER (939_) 2.4 JTDM	04/07 - 06/10											
	SPIDER (939_) 2.4 JTDM	03/08 - 06/10											
ENG. 939 A9.000	159 (939_) 2.4 JTDM (939AXD)	07/07 - 11/11	2387 ccm	154 kW (210 PS)	5	IN	PALF082		28,0x5,0x114,4	45	9		
	159 (939_) 2.4 JTDM Q4 (939AXMB2)	05/07 - 11/11											
	159 Sportwagon (939_) 2.4 JTDM (939BXM1B)	05/07 - 12/12											
	159 Sportwagon (939_) 2.4 JTDM Q4 (939BXM2B)	05/07 - 11/11											
	BRERA (939_) 2.4 JTDM 20V	05/07 - 06/10											
ENG. 939 B3.000	159 (939_) 2.0 JTDM (939AXP1B)	05/09 - 11/11	1956 ccm	125 kW (170 PS)	4	IN	PALF082		28,0x5,0x114,4	45	9		
	159 Sportwagon (939_) 2.0 JTDM (939BXP1B)	07/09 - 11/11											
	BRERA (939_) 2.0 JTDM	05/09 - 06/10											
	SPIDER (939_) 2.0 JTDM	05/09 - 06/10											
ENG. 940 A5.000	GIULIETTA (940_) 2.0 JTDM (940.FXL1A)	04/10 →	1956 ccm	103 kW (140 PS)	4	IN	PALF082		28,0x5,0x114,4	45	9		



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ANDORIA MOT DIESEL											
	S-320/321/322/323/324				120 / 1,2,3,4	IN EX	PAND001 PAND002	S320.1406.3 S320.1407.3	58,5x12,0x195,0 52,5x12,0x195,0	45 45	6 6
ENG. SW 400	Bizon Super Z056, Bizon Rekord Z058, Sieczkarnia Orkan Z310, SN81-001		6540 ccm	81-84,6 kW (110-115 PS)	107,2 / 6	IN EX	PAND003 PAND004	PL909 607909 518731 PL910 607910 518732	42,8x8,66x146,0 39,5x8,64x146,0	30 30	1 1
ENG. 6CT107	Autosan H9 Sieczkarnia Orkan Z320, Sieczkarnia Orkan Z325, Sieczkarnia Orkan Z340, SN81		6540 ccm	1,5 kW (138 PS)	107,2 / 6	IN EX	PAND005 PAND006	PLA2584 10618846 PLA2585 10618851	45,7x8,66x145,9 42,8x8,64x145,9	30 30	1 1
ENG. 6CT107	Autosan H9		6540 ccm	110 kW (150 PS)							
ENG. 6CT107	Autosan H10-10		6540 ccm	125 kW (170 PS)							
ENG. 6CT107-2	SW 400 T		6540 ccm	152 kW (207 PS)							
ENG. 4C-90	Lublin		2417 ccm	51,5 kW (70 PS)	90 / 4	IN	PAND011	1.3.0533	42,7x8,0x126,1	30	1
ENG. 4CT-90	Lublin		2417 ccm	66 kW (90 PS)	90 / 4	EX	PAND012	1.3.0737.1.1 1.3.0188 1.3.0738.1.1	35,7x8,0x126,1	45	1
ENG. 1CA90						IN EX	PAND013 PAND014	1.3.0503 1.3.0502	39,9x8,0x109,9 31,9x8,0x109,9	45 45	1 1
ENG. S301D						IN EX	PAND015 PAND016	S301.14.08 S301.14.09h	38,0x8,0x134,0 32,0x8,0x134,0	45 45	1 1




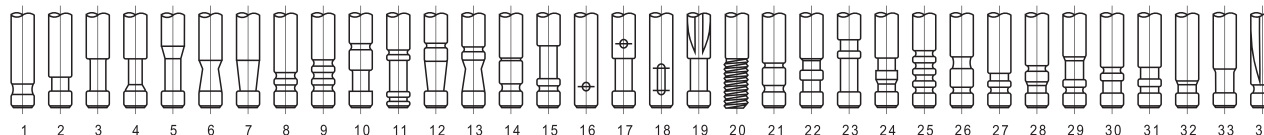
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI BENZYNA											
ENG. ADR	A4 1.8i 20V	11/94-4/99	1781 ccm	92 kW (125 PS)	81 / 4	IN EX	PAUD001 PAUD002	058109601C	26,9x6,0x105,1	45	9
	A6 1.8i 20V	10/95-10/97						058109611M	29,9x6,0x103,9	45	
	Cabriolet 1.8i 20V	4/97-8/00					06B109611D	Odległość zamka - 4,0 [mm]			
ENG. AFY	A4 1.8i	7/95-9/01	1781 ccm	85 kW (116 PS)	81 / 4						
	A6 1.8i	5/97-5/00									
ENG. AGA, AJG	A4 2.4i 30V	8/97-7/98	2393 ccm	120-121 kW (163-165 PS)	81 / 6						
	A6 2.4i 30V	4/97-1/99									
ENG. AGN	A3 1.8i 20V	9/96-7/98	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. ALF, APZ	A4 2.4i 30V	8/97-6/00	2393 ccm	120-121 kW (163-165 PS)	81 / 6						
	A6 2.4i 30V	4/97-9/01									
ENG. APG	A3 1.8i 20V	11/99-6/03	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. APT, ARG	A4 1.8i 20V	7/98-9/01	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. AJP	A6 1.8i	12/97-7/99	1871 ccm	92 kW (125 PS)	81 / 4						
ENG. ALW	A6 2.4i 24V	8/97-1/99	2393 ccm	100 kW (134 PS)	81 / 6						
ENG. ALM, ARJ	A4 2.4i 30V	8/98-9/01	2393 ccm	121 kW (165 PS)	81 / 6						
	A6 2.4i 30V	11/98-5/01									
ENG. APC	A6 2.4i 30V	4/98-5/01	2393 ccm	115 kW (156 PS)	81 / 6						
ENG. AQE, ARH	A6 1.8i 20V	1/99-4/01	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. ARN, ASM	A6 2.4i 24V/30V	2/99-1/05	2393 ccm	100 kW (136 PS)	81 / 6						
ENG. AVV	A4 1.8i 20V	6/00-9/07	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. BDV, APS	A4 2.4i 30V	8/98-12/05	2393 ccm	121-125 kW (165-170 PS)	81 / 6						
	A6 2.4i 30V	11/98-1/05									
ENG. APX	TT 1.8i Turbo 20V	10/98-8/01	1781 ccm	165 kW (224 PS)	81 / 6						
ENG. APP	A3 1.8i Turbo 20V	7/99-6/05	1781 ccm	132 kW (180 PS)	81 / 4						
	TT 1.8i Turbo 20V	9/99-10/01									

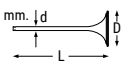




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 						
AUDI BENZYNA																	
ENG. AMM	A4 2.4i 30V	6/00-12/05	2393 ccm	120 kW (163 PS)	81 / 4	IN	PAUD001	058109601C	26,9x6,0x105,1	45	9						
	A6 2.4i 30V	6/00-1/05				EX	PAUD002	058109611M	29,9x6,0x103,9	45	9						
ENG. ACK, ALG, AMX, APR, AQD	A4 2.8i 30V	3/96-9/01	2771 ccm	142 kW (193 PS)	82,5 / 6			06B109611D	Odległość zamka - 4,0 [mm]								
	A6 2.8i 30V	10/95-9/01															
	A8 2.8i 30V	7/95-9/02															
ENG. AGE	A6 2.8i 30V	10/97-5/01	2771 ccm	132 kW (180 PS)	82,5 / 6												
ENG. ALT	A4 2.0i 20V	12/00-6/08	1984 ccm	96 kW (131 PS)	82,5 / 4												
	A6 2.0i 20V	6/01-1/05															
ENG. ATX	A4 2.8i 30V	3/99-9/01	2771 ccm	140 kW (190 PS)	82,5 / 6												
	A6 2.8i 30V	7/99-5/01															
ENG. BBG	A6 2.8i 30V	6/02 →	2771 ccm	140 kW (190 PS)	82,5 / 6												
ENG. ASN, BBJ	A4 3.0i 30V	12/00-12/05	2976 ccm	160-162 kW (218-220 PS)	82,5 / 6												
	A6 3.0i 30V	6/01-5/06															
	A8 3.0i 30V	7/03-5/06															
ENG. AVK	A4 3.0i 30V	9/01-6/02	2976 ccm	162 kW (220 PS)	82,5 / 6												
ENG. AEB, ANB, APU, AWT, ARK	A4 1.8i Turbo 20V	2/95-9/01	1781 ccm	110 kW (150 PS)	81 / 4							IN	PAUD001	058109601C	26,9x6,0x105,1	45	9
	A6 1.8i Turbo 20V	4/97-5/01										EX	PAUD071	058109611E	29,9x6,0x103,9	45	9
ENG. AGU, AQA, ARZ	A3 1.8i Turbo 20V	12/96-4/01	1781 ccm	110 kW (150 PS)	81 / 4				Odległość zamka - 5,9 [mm]								
ENG. AJL	A4 1.8i Turbo 20V	8/97-9/01	1781 ccm	132 kW (180 PS)	81 / 4												
	A6 1.8i Turbo 20V	11/97-10/00															
ENG. AJQ	A3 1.8i Turbo 20V	11/98-8/00	1781 ccm	132 kW (180 PS)	81 / 4												
	TT 1.8i Turbo 20V	10/98-8/00															
ENG. APY	S3 1.8i Turbo 20V	11/98-8/00	1781 ccm	154 kW (209 PS)	81 / 4												
ENG. AGB	S4 2.7i Turbo 30V	10/97-9/01	2671 ccm	195 kW (265 PS)	81 / 6												
ENG. AJK	A6 2.7i Turbo 30V	2/99-8/00	2671 ccm	169 kW (230 PS)	81 / 6												
ENG. AMB	A4 1.8i Turbo 20V	7/01-12/04	1781 ccm	125 kW (170 PS)	81 / 4												



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
AUDI BENZYNA											
ENG. ARE, BES	A6 2.7i Turbo 30V	5/00-8/05	2671 ccm	184 kW (250 PS)	81 / 6	IN	PAUD001	058109601C	26,9x6,0x105,1	45	9
	A6 Allroad 6 2.7i Turbo 30V	5/00-8/05				EX	PAUD071	058109611E	29,9x6,0x103,9	45	9
ENG. AVJ	A4 1.8i Turbo 20V	12/00-6/02	1781 ccm	110 kW (150 PS)	81 / 4				Odległość zamka - 5,9 [mm]		
ENG. BEX	A4 1.8i Turbo 20V	11/02-12/04	1781 ccm	140 kW (190 PS)	81 / 4						
ENG. BFB	A4 1.8i Turbo 20V	7/02 →	1781 ccm	120 kW (163 PS)	81 / 4						
ENG. AUL, AMK	S3 1.8i Turbo 20V	9/99-4/02	1781 ccm	154 kW (209 PS)	81 / 4						
ENG. ARX	A3 1.8i Turbo 20V	9/00-6/03	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. ARY, AQU, AUM	A3 1.8i Turbo 20V	5/00 →	1781 ccm	110-132 kW (150-180 PS)	81 / 4						
	TT 1.8i Turbo 20V	9/00-6/06									
ENG. BAM	S3 1.8i Turbo 20V	8/01-6/03	1781 ccm	165 kW (225 PS)	81 / 6						
	TT 1.8i Turbo 20V	9/00-6/06									
ENG. HB, HC, HD	50 1.1	8/74-7/78	1093 ccm	37-44 kW (50-60 PS)	69,5 / 4	IN	PAUD003	036109601	34,0x8,0x104,0	45	1
ENG. FY, HH	Fox 1.3	9/78-81	1272 ccm	40-44 kW (54-60 PS)	75 / 4	EX	PAUD004	052109611	28,0x8,0x104,0	45	1
	50 1.3	8/77-7/78									
	80 1.3	8/78-7/81									
	4000 1.3	8/78-81									
ENG. FZ	80 1.3	8/78-7/81	1272 ccm	44 kW (60 PS)	75 / 4						
ENG. ADP, AHL, ANA, ARM ENG. AEH, AKL, APF ENG. AFM	A4 1.6i	11/94-9/01	1595 ccm	74 kW (101 PS)	81 / 4	N	PAUD015	078109601A 078109601B 078109601E 078109601F	39,5x7,0x91,9	45	9
	A3 1.6i	9/96-6/03	1595 ccm	74 kW (101 PS)	81 / 4						
	A4 2.4i 30V	7/95-7/97	2393 ccm	110 kW (150 PS)	81 / 6						
	A6 2.4i 30V	7/95-10/97	2393 ccm	110 kW (150 PS)							
ENG. AAH	A4 2.8i	11/94-7/97	2771 ccm	128 kW (174 PS)	82,5 / 6	EX	PAUD016	06A109601E 037109601 048109611B 078109611C 037109611B	32,9x7,0x91,2	45	9
	A6 2.8i 24V	6/94-10/97									
	A8 2.8i	6/94-3/96									
	Cabriolet 2.8i	11/92-8/00									
	Coupe 2.8i	8/91-12/95									
	80/100 2.8i	12/90-7/95									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI BENZYNA											
ENG. ABC	A4 2.6i	11/94-7/98	2598 ccm	110 kW (150 PS)	82,5 / 6	IN	PAUD015	078109601A	39,5x7,0x91,9	45	9
	A6 2.6i	6/94-10/97						078109601B			
	Cabriolet 2.6i	1/94-8/00						078109601E			
	Coupe 2.6i	8/92-12/95						078109601F			
	80/100 2.6i	3/92-7/95						06A109601E			
ENG. AEJ	A6 2.8i	6/94-10/97	2771 ccm	120 kW (163 PS)	82,5 / 6	EX	PAUD016	037109601	32,9x7,0x91,2	45	9
	A8 2.8i	7/95-3/96						048109611B			
								078109611C			
		037109611B									
ENG. ADA	80 1.6i	6/93-7/95	1595 ccm	74 kW (100 PS)	81 / 4	IN	PAUD015	078109601A	39,5x7,0x91,9	45	9
ENG. AAE	A6 2.0i	6/94-6/96	1984 ccm	74 kW (100 PS)	82,5 / 4			078109601B			
	100 2.0i	12/90-7/94						078109601E			
ENG. ABK	A6 2.0i	6/94-6/96	1984 ccm	85 kW (115 PS)	82,5 / 4			078109601F			
	Cabriolet 2.0i	1/93-9/98						06A109601E			
	Coupe 2.0i	8/91-12/95						037109601			
	80/100 2.0i	9/91-7/95						048109601A			
ENG. ABT	80 2.0i	9/91-6/95	1984 ccm	66 kW (90 PS)	82,5 / 4	EX	PAUD016	048109611B	32,9x7,0x91,2	45	9
ENG. ACZ	A4 2.6i	4/95-7/97	2598 ccm	102 kW (139 PS)				078109611C			
	A6 2.6i	6/94-10/97						037109611B			
	Cabriolet 2.6i	9/94-12/99						048109611A			
	80/100 2.6i	1/93-7/95						053109611			
ENG. ADW	A6 2.0i	6/94-10/97	1984 ccm	79 kW (107 PS)	82,5 / 4						
	80/100 2.0i	11/93-7/95									
ENG. AFC	A6 2.8i	8/94-6/95	2771 ccm	128 kW (174 PS)	82,5 / 6						


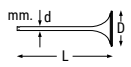




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI BENZYNA											
ENG. KE	Coupe 2.2i	8/81-7/84	2144 ccm	96 kW (131 PS)	79,5 / 5	IN	PAUD019	035109601C	38,0x8,0x98,7	45	9
ENG. KJ, WS, WJ	200 2.2i Turbo 20V	10/79-9/82	2144 ccm	125 kW (170 PS)	79,5 / 5			035109601D			
ENG. WC	100 2.2i 200 2.2i	8/76-7/84 10/79-7/84	2144 ccm	100 kW (136 PS)	79,5 / 5			035109601F 035109603			
ENG. WH	100 1.9i	8/80-7/84	1921 ccm	74 kW (100 PS)	79,5 / 5	EX	PAUD020	035109611F	33,2x8,0x98,5	45	9
ENG. WK	200 2.2i	10/79-9/82	2144 ccm	100 kW (136 PS)	79,5 / 5			035109611H			
ENG. WN	Coupe 1.9i 80 1.9i	10/80-7/83 8/80-7/83	1921 ccm	85 kW (116 PS)	79,5 / 5						
ENG. WB	100 2.2	4/78-7/84	2144 ccm	85 kW (115 PS)	79,5 / 5						
ENG. KF	100 2.2i	8/82-7/84	2144 ccm	96 kW (131 PS)	79,5 / 5						
ENG. KG	200 2.2i Turbo 20V	8/83-12/87	2144 ccm	134 kW (182 PS)	79,5 / 5						
ENG. KK	80 2.2i	8/82-7/84	2144 ccm	100 kW (136 PS)	79,5 / 5						
ENG. KL	Coupe 2.2i 80 2.2i	8/82-7/84 8/82-7/84	2144 ccm	96 kW (130 PS)	79,5 / 5						
ENG. DD	Coupe 1.8	8/81-7/82	1781 ccm	55 kW (75 PS)	81 / 4						
ENG. DR	100 1.8	5/82-10/86	1781 ccm	55 kW (75 PS)	81 / 4						

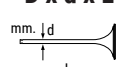




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI BENZYNA											
ENG. DS, NE	Coupe 1.8	8/82-7/88	1781 ccm	66 kW (90 PS)	81 / 4	IN	PAUD025	035109601H	38,0x8,0x91,0	45	9
	80 1.8	1/83-12/91						035109601G			
	100 1.8	5/83-7/89						035109601J			
ENG. JV	Coupe 1.8	1/85-7/87	1781 ccm	66 kW (90 PS)	81 / 4	IN	PAUD019	035109601K	38,0x8,0x91,9	45	9
	80 1.8	3/83-7/88						035109601C			
ENG. HP, JS, KP	Coupe 2.0i	8/83-7/86	1994 ccm	85 kW (115 PS)	81 / 5	IN	PAUD053	035109601D	38,0x8,0x98,7	45	9
	80 2.0i	8/82-7/84						035109601F			
	90/100 2.0i	8/84-12/87						035109603			
ENG. HX	100 2.2i	8/84-12/87	2226 ccm	101 kW (137 PS)	81 / 5	IN	PAUD053		38,0x8,0x91,35	45	9
ENG. JW	100 1.8	5/91-9/91	1781 ccm	66 kW (90 PS)	81 / 4	IN	PAUD054	026109601C	40,0x8,0x90,9	45	9
ENG. KU	100 2.2i	8/84-12/90	2226 ccm	101 kW (137 PS)	81 / 5	IN	PAUD054	026109601F	40,0x8,0x90,9	45	9
	200 2.2i	8/84-7/85						026109601A			
ENG. KV	Coupe 2.2i	8/84-7/91	2226 ccm	98 kW (133 PS)	81 / 5	EX	PAUD024	053109611	33,2x8,0x91,2	45	9
	90 2.2i	6/84-12/91						048109611A			
ENG. MC	100 2.2i Turbo	3/86-12/90	2226 ccm	121 kW (165 PS)	81 / 5	EX	PAUD026	026109611A	33,2x8,0x90,8	45	9
	200 2.2i Turbo	1/85-11/90						035109611F			
	5000 2.2i Turbo	1/85-5/88						035109611H			
ENG. DZ	Coupe 1.8i	8/86-7/91	1781 ccm	82 kW (112 PS)	81 / 4	IN	PAUD025		38,0x8,0x91,0	45	9
	80 1.8i	1/83-12/91									
	90 1.8i	8/89-12/91									
ENG. DT, JU, RN	80 1.6	8/83-12/91	1595 ccm	55 kW (75 PS)	81 / 4	IN	PAUD025		38,0x8,0x91,0	45	9
ENG. JN	Coupe 1.8	1/85-7/88	1781 ccm	66 kW (90 PS)	81 / 4	IN	PAUD025		38,0x8,0x91,0	45	9
	80 1.8	8/83-12/91									
	90 1.8	6/94-3/87									
	4000 1.8	9/83-3/85									






Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI BENZYNA											
ENG. NP, PH, SH	100 1.8/1.8i	10/84-12/90	1781 ccm	65-66 kW (88-90 PS)	81 / 4	IN	PAUD025	035109601H 035109601G	38,0x8,0x91,0	45	9
						IN	PAUD033	035109601J 035109601K	38,0x8,0x91,9	45	9
						EX	PAUD024	053109611 048109611A	33,2x8,0x91,2	45	9
						EX	PAUD026	026109611A	33,2x8,0x90,8	45	9
						EX	PAUD020	035109611F 035109611H	33,2x8,0x98,5	45	9
ENG. MU	80 1.8i	6/84-3/87	1781 ccm	82 kW (112 PS)	81 / 4	IN	PAUD023	048109601A	39,5x8,0x91,9	45	9
ENG. ABB	80/100 1.6i	8/90-7/93	1595 ccm	75 kW (102 PS)	81 / 4	EX	PAUD024	048109611A	33,2x8,0x91,2	45	9
ENG. 3A	Coupe 2.0i	5/89-7/90	1984 ccm	83 kW (113 PS)	82,5 / 4			053109611			
	80 2.0i	8/88-10/90									
ENG. PR	100 2.3i	8/89-12/90	2309 ccm	96 kW (129 PS)	82,5 / 5						
ENG. AAD	Coupe 2.0i	8/90-7/91	1984 ccm	85 kW (115 PS)	82,5 / 4						
	80/100 2.0i	8/90-12/92									
ENG. AAR	A6 2.3i	6/94-6/96	2309 ccm	98 kW (133 PS)	82,5 / 5						
	100 2.3i	12/90-7/94									
ENG. HY	Coupe 2.2i	8/84-7/88	2226 ccm	100 kW (136 PS)	81 / 5	IN	PAUD025	035109601H 035109601G	38,0x8,0x91,0	45	9
	90 2.2i	6/84-3/87									
ENG. SA	80 1.6	2/86-3/87	1595 ccm	55 kW (75 PS)	81 / 4	IN	PAUD054	026109601C	40,0x8,0x90,9	45	9
ENG. SL	100 2.0i	2/86-12/87	1994 ccm	83 kW (113 PS)	81 / 5			026109601F			
ENG. PS	90 2.0i	4/87-12/91	1994 ccm	85 kW (115 PS)	81 / 5			026109601A			
ENG. SD	80 1.9i	9/86-7/88	1857 ccm	83 kW (113 PS)	82,5 / 4	EX	PAUD024	053109611 048109611A	33,2x8,0x91,2	45	9
						EX	PAUD026	026109611A	33,2x8,0x90,8	45	9


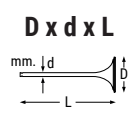




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
AUDI BENZYNA											
ENG. PV	Coupe 1.8i 80 1.8i	8/86-7/88	1781 ccm	81 kW (110 PS)	81 / 4	IN	PAUD054	026109601C	40,0x8,0x90,9	45	9
		3/85-3/87						026109601F			
ENG. RT	100 2.0i	1/88-12/90	1994 ccm	85 kW (115 PS)	81 / 5	IN	PAUD055	026109601A	40,0x8,0x91,35	45	9
ENG. NF	100 2.3i 5000 2.3i	8/86-12/90 8/86-5/88	2309 ccm	100 kW (136 PS)	82,5 / 5			EX			
ENG. NG	Cabriolet 2.3i Coupe 2.3i 80 2.3i 4000 2.3	6/91-7/94	2309 ccm	100 kW (136 PS)	82,5 / 5	IN	PAUD054	048109611A	40,0x8,0x91,35	45	9
		8/86-7/94									
		9/91-11/94									
		1/87-9/87									
ENG. AUA, BBY	A2 1.4i 16V	6/00-8/05	1390 ccm	55 kW (75 PS)	76,5 / 4	IN	PAUD027	036109601S	29,5x6,0x100,9	45	9
ENG. BAD	A2 1.6 FSI 16V	5/02-8/05	1598 ccm	81 kW (110 PS)	76,5 / 4			036109601AD			
ENG. BAG, BLP, BLF	A3 1.6 FSI 16V	8/03-9/07	1598 ccm	85 kW (116 PS)	76,5 / 4			036109601AK			
ENG. CAXA	A2 1.4 TFSI	5/10 →	1390 ccm	90 kW (122 PS)	76,5 / 4	EX	PAUD028	036109611K	26,0x6,0x100,5	45	9
ENG. CAXC, CMSA	A3 1.4 TFSI 16V	9/07 →	1390 ccm	92 kW (125 PS)	76,5 / 4			036109611AE			
ENG. ACE	A6 2.0i 16V Cabriolet 2.0i 16V Coupe 2.0i 16V 80 2.0i 16V 100 2.0i 16V	6/94-10/97	1984 ccm	103 kW (140 PS)	82,5 / 4	IN	PAUD031	051109601B	32,0x7,0x95,5	45	9
		5/95-7/96						051109611B			
		8/92-12/95						034109611F			
		8/92-7/95									
		1/92-7/94									
ENG. ABZ	A8 4.2i 32V	06/94-05/99	4172 ccm	220 kW (300 PS)	82,5 / 4	IN	PAUD031				


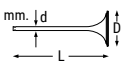




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI BENZYNA											
ENG. JL	Coupe 2.0i	8/83-7/88	1994 ccm	77-81 kW (105-110 PS)	81 / 5	IN	PAUD033	035109601J	38,0x8,0x91,9	45	9
	80 2.0i	8/83-7/84						035109601K			
	90 2.0i	10/84-3/87				EX	PAUD024	053109611	33,2x8,0x91,2	45	9
	100 2.2i	8/85-12/90	2226 ccm	88 kW (120 PS)	81 / 5			048109611A			
ENG. 1B, 2B	200 2.2i Turbo	2/88-11/90	2226 ccm	140-147 kW (190-200 PS)	81 / 5						
ENG. 4B, PM	80/100 1.8i	1/88-12/91	1781 ccm	66 kW (90 PS)	81 / 4						
ENG. JT, KX	Coupe 2.2i	1/85-7/88	2226 ccm	88-89 kW (120-121 PS)	81 / 5						
	90 2.2i	1/85-3/87									
	4000 2.2i	11/83-7/87									
ENG. KZ	100/5000 2.2i	8/84-9/86	2226 ccm	85 kW (115 PS)	81 / 5						
ENG. SK	Coupe 2.0i	2/86-7/86	1994 ccm	85 kW (115 PS)							
	90 2.0i	2/86-3/87									
ENG. MB	Quattro 2.2i Turbo 25V	8/87-7/88	2226 ccm	147 kW (200 PS)	81 / 5						
ENG. SF	Coupe 1.8/1.8i	2/86-7/88	1781 ccm	64 kW (87 PS)	81 / 4						
	80 1.8	2/86-7/90									
ENG. PP	80 1.6	3/87-12/91	1595 ccm	51 kW (70 PS)	81 / 4						
ENG. RS	100 1.8	10/86-12/87	1781 ccm	55 kW (75 PS)	81 / 4						
ENG. RU	80 1.8	10/86-1/90	1781 ccm	55 kW (75PS)	81 / 4						
ENG. ABM	80 1.6i	1/92-6/94	1595 ccm	52 kW (71 PS)	81 / 4						


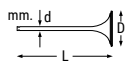




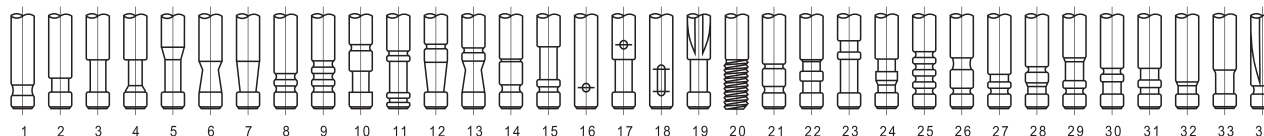
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI BENZYNA											
ENG. AAN	S4 2.2i Turbo 25V	8/91-7/94	2226 ccm	169 kW (230 PS)	81 / 5	IN	PAUD034	027109601C	32,0x7,0x95,5	45	1
	S6 2.2i Turbo 25V	6/94-7/97				EX	PAUD035	027109611A	28,0x7,0x98,2	45	1
ENG. NM	Coupe 2.0i 20V	11/88-7/91	1994 ccm	118 kW (160 PS)	81 / 5			027109611B			
	90 2.0i 20V	1/88-12/91						027109611C			
ENG. 3B	S2 2.2i Turbo 20V	9/90-9/92	2226 ccm	162 kW (220 PS)	81 / 5			027109611D			
	200 2.2i Turbo 20V	3/89-11/90									
ENG. PT	V8 3.6i 32V	10/98-11/93	3562 ccm	184 kW (250 PS)	81 / 8						
ENG. RR	Quattro 2.2i Turbo 20V	8/89-7/91	2226 ccm	162 kW (220 PS)	81 / 5						
ENG. ABY	S2 2.2i Turbo 20V	10/92-5/95	2226 ccm	169 kW (230 PS)	81 / 5						
	Coupe 2.2i Turbo 20V	5/95-12/95									
ENG. 6A	80 2.2i Turbo 20V	2/93-7/95									
	Coupe 2.0i	1/92-7/92	1984 ccm	101 kW (137 PS)	82,5 / 4						
ENG. 7A	80 2.0i 16V	3/90-7/92									
	Coupe 2.3i 20V	11/88-7/91	2309 ccm	125 kW (170 PS)	82,5 / 5						
ENG. 7A	80 2.3i 20V (USA)	1/89-9/91									
	90 2.3i 20V	6/88-12/91									
ENG. ABH	S4 4.2i 32V	10/92-7/94	4172 ccm	206 kW (280 PS)	84,5 / 8						
	V8 4.2i 32V	8/91-11/93									
ENG. ZA, ZF, EP	80 1.3	5/72-3/87	1297 ccm	40-44 kW (55-60 PS)	75 / 4	IN	PAUD039	049109601F	34,0x8,0x98,5	45	9
ENG. YJ, ZB, ZC	80 1.5	5/72-7/76	1471 ccm	55-63 kW (75-85 PS)	76,5 / 4			049109601K			
ENG. YP, WV	80 1.6	9/75-7/83	1588 ccm	55-63 kW (75-85 PS)	79,5 / 4	EX	PAUD040	049109611F	31,0x8,0x98,5	45	9
ENG. WT	80 1.7	8/80-7/83	1716 ccm	58 kW (78 PS)	79,5 / 4						
ENG. YV	100 1.6i	8/76-7/82	1588 ccm	63 kW (85 PS)	79,5 / 4						
ENG. YZ, YS	80 1.6i	9/75-7/82	1588 ccm	81 kW (110 PS)	79,5 / 4	IN	PAUD041	049109601A	38,0x8,0x105,5	45	1
						EX	PAUD042	049109611A	31,0x8,0x105,5	45	1


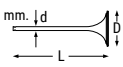




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI BENZYNA											
	80 L	72-81	1296 ccm		75 / 4	IN	PAUD043	056109601A	34,0x8,0x98,7	45	1
	80 GL	72-81	1470 ccm		75 / 4			056109601C			
	80 GT	72-81	1588 ccm		75 / 4	EX	PAUD044	049109611G	31,2x8,0x98,5	45	1
	100 GL/L	72-81									
	80 LS/L	72-81	1470 ccm		76,5 / 4						
	80 LS/GLS/S	72-81									
	100 GL/L	72-81	1588 ccm	55-63 (75-85 PS)	76,5 / 4						
ENG. YP	80 1.6	9/75-12/82	1588 ccm	63 kW (85 PS)	79,5 / 4	IN	PAUD043	056109601A	34,0x8,0x98,7	45	1
	80 L	72-75	1296 ccm	40 kW (55 PS)	75 / 4			056109601C			
	80 S/LS/GL	72-75	1470 ccm	55 kW (75 PS)	76,5 / 4	EX	PAUD045	056109611A	31,2x8,0x98,5	45	1
	80 GT	73-75	1588 ccm	63 kW (85 PS)	79,5 / 4						
	100 L/GL	77 →									
ENG. DZ, PV, MU	80 1.8 GTE	1/83 →	1781 ccm	79-82 kW (107-112 PS)	81 / 4	IN	PAUD048	026109601	40,0x8,0x98,7	45	9
	80 1.8 GTE Quattro	6/84 →				EX	PAUD020	035109611F	33,2x8,0x98,5	45	9
	Coupe 1.8 GT	8/86-10/87						035109611H			
ENG. WB	100 2.1	10/77-7/82	2144 ccm	85 kW (115 PS)	/ 5	IN	PAUD049	035109601	38,0x8,0x98,7	45	1
	100 Avant 2.1	7/77-2/83				EX	PAUD045	056109611A	31,0x8,0x98,7	45	1
	100 5S/L5S/GL5S	78 →	2144 ccm		/ 4						
	Audi 100	77-81	1984 ccm		/ 5	IN	PAUD049	035109601	38,0x8,0x98,7	45	1
	Audi 100 5E	77-81	2144 ccm		/ 5	EX	PAUD050	035109611	33,2x8,0x98,5	45	1
	Audi 200 5E	77-81			/ 5			035109611G			
ENG. 831 (WA)	Audi 100 S/LS/GLS	76-78	1984 ccm	77-85 kW (105-115 PS)	86,5 / 4	IN	PAUD051	046109601B	40,0x9,0x137,0	45	1
						EX	PAUD052	046109611A	33,0x9,0x137,0	45	1


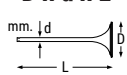




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI BENZYNA											
ENG. CCSA	A3 1.6 SRE	7/08 →	1598 ccm	75 kW (102 PS)	76,5 / 4	IN	PAUD056	06B109601B	39,5x6,0x93,9	45	9
ENG. ALZ	A4 1.6i	6/00-6/08	1595 ccm	75 kW (102 PS)	81 / 4			06B109601D			
ENG. AVU	A3 1.6i	5/00-4/02	1595 ccm	75 kW (102 PS)	81 / 4			06B109601H			
ENG. BFQ, BGU	A3 1.6i	5/02-5/05	1595 ccm	75 kW (102 PS)	81 / 4	EX	PAUD057	06B109611B	33,0x6,0x93,9	45	9
ENG. BSE, BSF	A3 1.6i	6/05 →	1595 ccm	75 kW (102 PS)	81 / 4			06B109611C			
ENG. CMXA	A3 1.6 SRE	5/10 →	1595 ccm	75 kW (102 PS)	81 / 4						
ENG. AWA	A4 2.0 FSI 16V	7/02-12/04	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PAUD058	06D109601K	33,8x6,0x104,0	45	9
ENG. BMB, AXW, BLR, BLX, BLY, BVY, BVZ	A3 2.0 FSI 16V	5/03-6/08	1984 ccm	110 kW (150 PS)	82,5 / 4			06E109601E 06E109601F			
ENG. AUK, BKH	A4 3.2 FSI 24V A6 3.2 FSI 24V A6 Allroad 3.2 FSI 24V	1/05-3/09 4/04-5/09 4/04-10/08	3123 ccm	188 kW (256 PS)	84,5 / 6	EX	PAUD059	06D109611K 06D109611L	28,0x6,0x101,9	45	9
ENG. CALA	A4 3.2 FSI 24V A5 3.2 FSI 24V A6 3.2 FSI 24V	11/07 → 6/07 → 5/09 →	3123 ccm	195 kW (265 PS)	84,5 / 6						
ENG. HB, HC	50 1.1	8/74-7/78	1093 ccm	37-44 kW (50-60 PS)	69,5 / 4	IN EX	PAUD069 PAUD004	052109601 052109611	31,5x8,0x104,0 28,0x8,0x104,0	45 45	1 1
ENG. BAH	A3 1.6i	7/05 →	1598 ccm	74 kW (101 PS)	76,5 / 4	IN EX	PAUD072 PAUD073	032109601L 032109601M 030109611T 03D109611A 032109611L 032109611M	34,4x6,0x99,1 28,0x6,0x99,2	45 45	9 9
ENG. CBZA	A1 1.2 TFSI	5/10 →	1198 ccm	63 kW (85 PS)	71 / 4	IN	PAUD074	03F109601A	35,5x6,0x98,7	45	9
ENG. CBZB	A3 1.2 TFSI 16V	4/10-7/12	1198 ccm	77 kW (105 PS)	71 / 4	EX	PAUD075	03F109611B 03F109611C	30,0x6,0x98,4	45	9


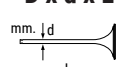




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI DIESEL											
ENG. CN	100 2.0 D 5000 2.0 D	10/78-7/89	1986 ccm	51 kW (70 PS)	76,5 / 5	IN	PAUD009	069109601	36,0x8,0x104,9	45	1
						IN	PAUD012	069109601C 069109601D 1328088-8 1328147 1389261-7	36,0x8,0x104,9	45	9
		10/78-2/82	1986 ccm	51 kW (70 PS)	76,5 / 5	IN	PAUD005	069109601F	36,0x8,0x95,1	45	9
						EX	PAUD008	068109611 1257054	31,2x8,0x104,6	45	1
						EX	PAUD011	068109611C 068109611D 072109611 1328089-6 1328148 1389262-5 9135927	31,2x8,0x104,6	45	9
		EX	PAUD006	068109611L 068109611M	31,2x8,0x95,0	45	9				
		ENG. 1Y ENG. 3D, AAS	80 1.9 D 100 2.4 D	8/89-12/91	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PAUD005	069109601F	36,0x8,0x95,5
8/89-7/94	2370 ccm			60 kW (82 PS)	79,5 / 4	EX	PAUD038	074109611	31,1x8,0x95,5	45	9


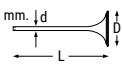




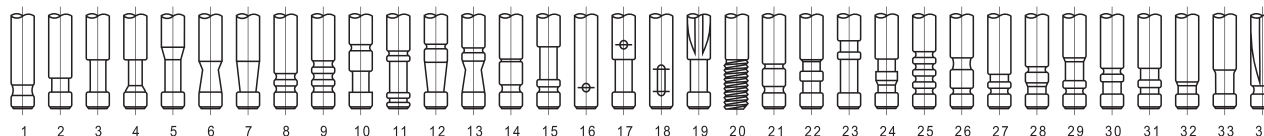
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
AUDI DIESEL																
ENG. CR	80 1.6 D 4000 1.6 D	8/80-7/82	1588 ccm	40 kW (54 PS)	76,5 / 4	IN	PAUD007	068109601	34,0x8,0x104,9	45	1					
		EX				PAUD008	068109611 1257054	31,2x8,0x104,6	45	1						
		IN				PAUD010	068109601C 068109601D	34,0x8,0x104,9	45	9						
		EX				PAUD011	068109611C 068109611D 072109611 1328089-6 1328148 1389262-5 9135927	31,2x8,0x104,6	45	9						
		IN				PAUD013	068109601L 068109601M 068109601N	34,0x8,0x95,1	45	9						
		EX				PAUD006	068109611L 068109611M	31,2x8,0x95,0	45	9						
		ENG. CY				80 1.6 TD 90 1.6 TD 4000 1.6 TD	2/82-3/87	1588 ccm	51 kW (70 PS)	76,5 / 4	IN	PAUD010	068109601C 068109601D	34,0x8,0x104,9	45	9
							EX				PAUD011	068109611C 068109611D 072109611 1328089-6 1328148 1389262-5 9135927	31,2x8,0x104,6	45	9	
		ENG. JK				80 1.6 D 4000 1.6 D	8/82-7/89	1588 ccm	40 kW (54 PS)	76,5 / 4	IN	PAUD013	068109601L 068109601M 068109601N	34,0x8,0x95,1	45	9
							EX				PAUD006	068109611L 068109611M	31,2x8,0x95,0	45	9	


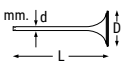




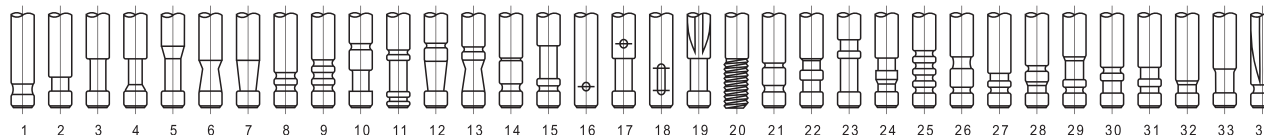
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI DIESEL											
ENG. DE	100 2.0 TDI 5000 2.0 TDI	11/81-12/87	1986 ccm	66 kW (90 PS)	76,5 / 5	IN	PAUD012	069109601C	36,0x8,0x104,9	45	9
		3/82-7/85						069109601D			
								1328088-8			
								1328147			
								1389261-7			
								1389261-7			
EX	PAUD011		068109611C	31,2x8,0x104,6	45	9					
			068109611D								
			072109611								
			1328089-6								
			1328148								
			1389262-5								
EX	PAUD006		068109611L	31,2x8,0x95,0	45	9					
			068109611M								
ENG. SB	80/90 1.6 TD	4/89-12/91	1588 ccm	59 kW (80 PS)	76,5 / 4	IN	PAUD013	068109601L	34,0x8,0x95,1	45	9
ENG. RA	80/90 1.6 TD	4/88-7/90	1588 ccm	59 kW (80 PS)	76,5 / 4	EX	PAUD006	068109601M	45	9	
								068109601N			
								068109611L			
								068109611M			
ENG. AGR, ALH	A3 1.9 TDI	9/96-6/01	1896 ccm	66 kW (90 PS)	79,5 / 4	IN	PAUD017	028109601D	36,0x7,0x96,85	45	9
ENG. AHF, ASV	A3 1.9 TDI	1/97-4/02	1896 ccm	81 kW (110 PS)	79,5 / 4						
ENG. AHH	A4 1.9 TDI	4/97-9/01	1896 ccm	66 kW (90 PS)	79,5 / 4						
ENG. AVG	A4/A6 1.9 TDI	8/99-10/00	1896 ccm	81 kW (110 PS)	79,5 / 4						
						EX	PAUD018	028109611G	31,5x7,0x96,8	45	9
								1049788			


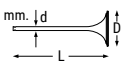




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI DIESEL											
ENG. AFN	A4/A6 1.9 TDI	2/96-4/01	1896 ccm	81 kW (110 PS)	79,5 / 4	IN	PAUD017	028109601D	36,0x7,0x96,85	45	9
ENG. 1Z	A4/A6 1.9 TDI Cabriolet 1.9 TDI 80 1.9 TDI	7/94-7/96 7/95-7/96 9/91-7/95	1896 ccm	66 kW (90 PS)	79,5 / 4	IN	PAUD021	028109601K 1079769 028109601A	36,0x8,0x96,8	45	9
ENG. AFF	A4 1.9 TDI	3/96-6/00	1896 ccm	55 kW (75 PS)	79,5 / 4			028109601H			
ENG. AHU	A4/A6 1.9 TDI Cabriolet 1.9 TDI	7/96-6/00 7/96-8/00	1896 ccm	66 kW (90 PS)	79,5 / 4	EX	PAUD018	046109601G 046109601H 046109601J 049109601J 1669766 9186565	31,5x7,0x96,8	45	9
						EX	PAUD022	028109611G 1049788 046109611C 046109611E 046109611F 1669772 9186566	31,5x8,0x96,9	45	9
ENG. AAT	A6 2.5 TDI 100 2.5 TDI	6/94-10/97 8/91-7/94	2461 ccm	85 kW (115 PS)	81 / 5	IN	PAUD021	028109601A 028109601H	36,0x8,0x96,9	45	9
ENG. ABP, 1T	100 2.5 TDI	1/90-7/92	2461 ccm	85-88 kW (115-120 PS)	81 / 5			046109601G			
ENG. AEL	A6 2.5 TDI	10/94-10/00	2461 ccm	103 kW (140 PS)	81 / 5	EX	PAUD022	046109601H 046109601J 049109601J 1669766 9186565	31,5x8,0x96,9	45	9
						EX	PAUD038	046109611C 046109611E 046109611F 1669772 9186566	31,1x8,0x95,5	45	9


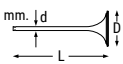




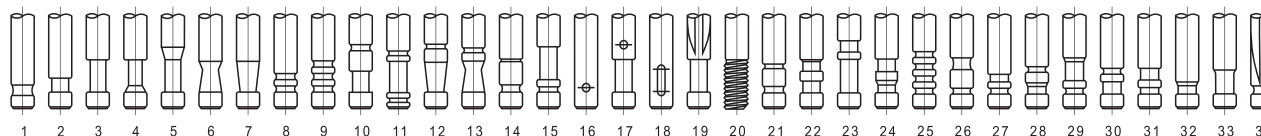
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI DIESEL											
ENG. AFB, AKN	A4 2.5 TDI	7/98-9/01	2496 ccm	110 kW (150 PS)	78,3 / 6	IN	PAUD029	059109601C	27,0x6,0x100,5	45	9
	A6 2.5 TDI	4/97-5/01		059109601B							
ENG. AKE	A8 2.5 TDI	6/97-9/02	2496 ccm	132 kW (179 PS)	78,3 / 6	EX	PAUD030	059109611C	24,0x6,0x100,5	45	9
	A4 2.5 TDI	12/00-5/03						059109611B			
	A6 2.5 TDI	11/99-8/03									
ENG. AYM	A6 Allroad 2.5 TDI 24V	11/99-8/00	2496 ccm	114 kW (155 PS)	78,3 / 6						
	A8 2.5 TDI	11/99-9/02									
ENG. BFC	A4 2.5 TDI	12/00-6/02	2496 ccm	120 kW (163 PS)	78,3 / 6						
	A6 2.5 TDI	6/01-6/02									
ENG. AJM, ATJ	A4 2.5 TDI 24V	6/03-5/03	2496 ccm	120 kW (163 PS)	78,3 / 6						
	A6 2.5 TDI 24V	6/02-8/03									
ENG. ASZ	A4 1.9 TDI	8/98-9/01	1896 ccm	85 kW (115 PS)	79,5 / 4	IN	PAUD036	038109601B	35,9x7,0x89,9	45	9
	A6 1.9 TDI	1/98-4/01		1100679							
ENG. AVF, AWX	A3 1.9 TDI	5/00-6/03	1896 ccm	96 kW (130 PS)	79,5 / 4	EX	PAUD037	038109611B	31,5x7,0x90,0	45	9
	A4 1.9 TDI	11/00-12/04		038109611F							
ENG. AMF	A6 1.9 TDI	6/01-1/05	1422 ccm	55 kW (75 PS)	79,5 / 3			1100678			
	A2 1.4 TDI	6/00-8/03									
ENG. ATD, AVB	A3 1.9 TDI	1/01-6/03	1896 ccm	74 kW (101 PS)	79,5 / 4						
	A4 1.9 TDI	4/01-5/04									
ENG. AZV, BKD	A3 2.0 TDI 16V	5/03-6/08	1968 ccm	100-103 kW (136-140 PS)	81 / 4	IN	PAUD060	03G109601A	29,4x6,0x88,5	45	9
ENG. BVF	A4 2.0 TDI 16V	11/05-11/06	1968 ccm	93 kW (126 PS)	81 / 4	EX	PAUD061	03G109611B	25,5x6,0x88,2	45	9
ENG. BVG	A4 2.0 TDI 16V	1/06-9/06	1968 ccm	89 kW (121 PS)	81 / 4	IN	PAUD062	03G109601B	29,2x6,0x87,8	45	9
	A6 2.0 TDI 16V	9/05-6/06						MN980080			
ENG. BNA, BRE, BRF, BLB	A4 2.0 TDI 16V	11/04-6/08	1968 ccm	100-103 kW (136-140 PS)	81 / 4	EX	PAUD063	68001582AA	25,5x6,0x87,5	45	9
	A6 2.0 TDI 16V	7/04-10/08						03G109611D			
ENG. BMN, BUY	A3 2.0 TDI 16V	3/06-6/08	1968 ccm	120-125 kW (163-170 PS)	81 / 4			MN980081			
ENG. BRD, BVA	A4 2.0 TDI 16V	6/06-6/08	1968 ccm	120-125 kW (163-170 PS)	81 / 4			68001583AA			


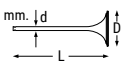




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI DIESEL											
ENG. 1Y	80 1.9 D	8/89-12/91	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PAUD064	028109601B	36,0x7,0x95,5	45	9
ENG. AAZ	80 1.9 TD	9/91-7/95	1896 ccm	55 kW (75 PS)	79,5 / 4	EX	PAUD065	028109611B 028109611E	31,5x7,0x95,6	45	9
ENG. BCZ, BDG	A4 2.5 TDI 24V	6/03-5/06	2496 ccm	120 kW (163 PS)	78,3 / 6	IN	PAUD066	059109601F	27,1x6,0x100,5	45	9
	A6 2.5 TDI 24V	2/03-8/05				EX	PAUD067	059109611G	24,1x6,0x100,5	45	9
ENG. BAU, BDH	A6 Allroad 2.5 TDI 24V	2/03-8/05	2496 ccm	132 kW (179 PS)	78,3 / 6				Odległość zamka - 8,3 [mm]		
	A4 2.5 TDI 24V	6/03-12/04									
	A6 2.5 TDI 24V	2/03-8/05									
ENG. AAZ	80 1.9 TD	9/91-7/95	1896 ccm	55 kW (75 PS)	79,5 / 4	IN	PAUD068	069109601H	36,0x8,0x95,0	45	9
						EX	PAUD038	074109611	31,1x8,0x95,5	45	9


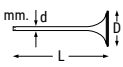




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI DIESEL											
ENG. CAYB	A1 Sportback (8XA, 8XF) 1.6 TDI	11/11 - 04/15	1598 ccm	66 kW (90 PS)	4	IN EX	PAUD076 PAUD077	03L109601A 03L109611A	26,5x6,0x99,3 24,5x6,0x99,1	45	9
	A3 (8P1) 1.6 TDI	05/09 - 08/12									
	A3 Sportback (8PA) 1.6 TDI	05/09 - 03/13									
	A1 (8X1, 8XK) 1.6 TDI	03/11 - 04/15									
ENG. CAYC	A1 (8X1, 8XK) 1.6 TDI	05/10 - 04/15	1598 ccm	77 kW (105 PS)	4						
	A1 Sportback (8XA, 8XF) 1.6 TDI	11/11 - 04/15									
	A3 (8P1) 1.6 TDI	05/09 - 08/12									
	A3 Sportback (8PA) 1.6 TDI	05/09 - 03/13									
ENG. CLHA	A3 (8V1, 8VK) 1.6 TDI	10/12 →	1598 ccm	77 kW (105 PS)	4						
	A3 Sportback (8VA, 8VF) 1.6 TDI	10/12 →									
	A3 Limousine (8VS, 8VM) 1.6 TDI	9/13 →									
ENG. CRKB	A3 (8V1, 8VK) 1.6 TDI	09/13 →	1598 ccm	81 kW (110 PS)	4						
	A3 Sportback (8VA, 8VF) 1.6 TDI	09/13 →									
	A3 Limousine (8VS, 8VM) 1.6 TDI	05/14 →									
	A3 Convertible (8V7, 8VE) 1.6 TDI	02/14 →									
ENG. CXMA	A1 (8X1, 8XK) 1.6 TDI	11/14 - 10/18	1598 ccm	85 kW (115 PS)	4						
	A1 Sportback (8XA, 8XF) 1.6 TDI	11/14 - 10/18									


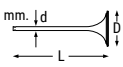




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
AUDI DIESEL																
ENG. CAGA	A4 (8K2, B8) 2.0 TDI quattro	11/08 - 12/15	1968 ccm	105 kW (143 PS)	4	IN	PAUD078	03L109601	28,2x6,0x99,3	45	9					
								04L109601B								
	A4 Avant (8K5, B8) 2.0 TDI quattro	04/08 - 12/15						EX				PAUD079	03L109611	26,0x6,0x99,1	45	9
													04L109611B			
	A4 Allroad (8KH, B8) 2.0 TDI quattro	09/09 - 05/16														
	Q5 (8RB) 2.0 TDI quattro	08/09 →														
ENG. CAGB	A4 (8K2, B8) 2.0 TDI	11/07 - 12/15	1968 ccm	100 kW (136 PS)	4	IN	PAUD078		28,2x6,0x99,3	45	9					
								04L109601B								
	A4 Avant (8K5, B8) 2.0 TDI	04/08 - 12/15														
	A4 Allroad (8KH, B8) 2.0 TDI quattro	09/09 - 05/16														
	A6 (4F2, C6) 2.0 TDI	07/04 - 03/11														
	A6 Avant (4F5, C6) 2.0 TDI	06/05 - 08/11														
ENG. CAHA	A4 (8K2, B8) 2.0 TDI	01/08 - 03/12	1968 ccm	125 kW (170 PS)	4	IN	PAUD078		28,2x6,0x99,3	45	9					
								04L109601B								
	A4 (8K2, B8) 2.0 TDI quattro	01/08 - 03/12														
	A4 Avant (8K5, B8) 2.0 TDI	04/08 - 03/12														
	A4 Avant (8K5, B8) 2.0 TDI quattro	08/08 - 03/12														
	A4 Allroad (8KH, B8) 2.0 TDI quattro	04/09 - 05/16														
	A5 (8T3) 2.0 TDI	08/08 - 03/12														


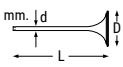




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI DIESEL											
ENG. CAHA	A5 (8T3) 2.0 TDI quattro	08/08 - 03/12				IN	PAUD078	03L109601 04L109601B	28,2x6,0x99,3	45	9
	A5 Sportback (8TA) 2.0 TDI	09/09 - 03/12				EX	PAUD079	03L109611 04L109611B	26,0x6,0x99,1	45	9
	A5 Sportback (8TA) 2.0 TDI quattro	09/09 - 03/12									
	A5 kabriolet (8F7) 2.0 TDI	05/09 - 03/12									
	A6 (4F2, C6) 2.0 TDI	11/08 - 03/11									
	A6 Avant (4F5, C6) 2.0 TDI	10/08 - 08/11									
ENG. CFFA	A3 (8P1) 2.0 TDI Q3 (8UB, 8UG) 2.0 TDI	05/03 - 08/12 09/11 - 10/18	1968 ccm	100 kW (136 PS)	4						
ENG. CFFB	A3 (8P1) 2.0 TDI 16V quattro A3 Sportback (8PA) 2.0 TDI 16V quattro A3 kabriolet (8P7) 2.0 TDI Q3 (8UB, 8UG) 2.0 TDI quattro	08/04 - 08/12 11/05 - 03/13 04/08 - 05/13 01/12 - 10/18	1968 ccm	105 kW (140 PS)	4						
ENG. CFGB	A3 (8P1) 2.0 TDI A3 (8P1) 2.0 TDI quattro A3 Sportback (8PA) 2.0 TDI	03/06 - 08/12 03/08 - 08/12 03/06 - 03/13	1968 ccm	125 kW (170 PS)	4						


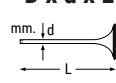




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUDI DIESEL											
ENG. AMF	A2 (8Z0) 1.4 TDI	02/00 - 08/05	1422 ccm	55 kW (75 PS)	3	IN	PAUD080	038109601E	36,0x7,0x89,5	45	9
ENG. ATL	A2 (8Z0) 1.4 TDI	11/03 - 08/05	1422 ccm	66 kW (90 PS)	3	EX	PAUD081	038109611E	31,5x7,0x89,0	45	9
ENG. AXR	A3 (8L1) 1.9 TDI	10/00 - 05/03	1896 ccm	74 kW (100 PS)	4						
ENG. BKE	A4 (8E2, B6) 1.9 TDI A4 Avant (8E5, B6) 1.9 TDI	06/04 - 12/04 06/04 - 12/04	1896 ccm	85 kW (116 PS)	4						
ENG. BLS	A3 kabriolet (8P7) 1.9 TDI	04/08 - 10/09	1896 ccm	77 kW (105 PS)	4						
ENG. BMM	A3 (8P1) 2.0 TDI A3 (8P1) 2.0 TDI quattro A3 Sportback (8PA) 2.0 TDI A3 Sportback (8PA) 2.0 TDI quattro	06/05 - 06/08 01/06 - 06/08 06/05 - 06/08 01/06 - 06/08	1968 ccm	103 kW (140 PS)	4						
ENG. BRB	A4 (8EC, B7) 1.9 TDI A4 Avant (8ED, B7) 1.9 TDI	11/04 - 06/08 11/04 - 06/08	1896 ccm	85 kW (116 PS)	4						
ENG. BXE	A3 (8P1) 1.9 TDI A3 Sportback (8PA) 1.9 TDI	05/03 - 05/10 09/04 - 05/10	1896 ccm	77 kW (105 PS)	4						


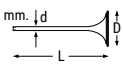




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AUSTIN - LEYLAND BENZYNA											
ENG. K Series	Metro 1.1 C/L/S	89 →	1113 ccm	44 kW (60 PS)	75 / 4	IN	PAUS030	WAM4002	33,7x7,0x90,5	45	1
ENG. K Series	Metro 1.4 SL/GS/GTa	89 →	1396 ccm	56 kW (76 PS)	75 / 4	EX	PAUS031	WAM4003 LGH101050 LGH101180	31,2x7,0x91,0	45	1
ENG. K Series	Metro 1.4 GTI 16V (Twin Cam)	90 →			75 / 4	IN	PAUS032	LGH10029 GH10029 GH061586 WAM1655	27,7x6,0x89,6	45	1
						EX	PAUS033	LGH10028 LGH100820 LGH101190 GH10028 GH061587 WAM4127	24,1x6,0x90,0	45	1




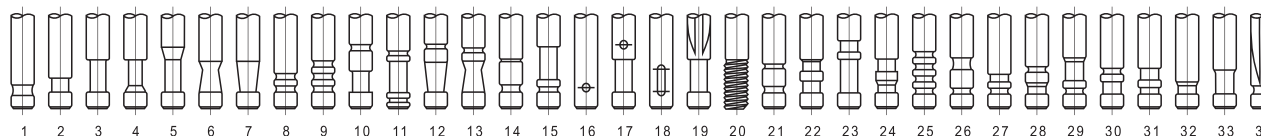
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUSTIN - LEYLAND DIESEL											
ENG. Prima 80T - Turbo	Montego 2.0	88 →	1994 ccm	60 kW (80 PS)	84,4 / 4	IN	PAUS054	BDU1399	37,0x7,4x93,8	45	1
ENG. Prima 65	Maestro Sherpa 200, 230, 250, 255, 280	86 → 86 →	1995 ccm	46 kW (63 PS)	84,4 / 4	EX	PAUS055	LGH10036 L142HF01 BDU1400 LGH10037 L142AF02	33,6x7,4x93,8	45	1
ENG. 4/98 NV	Tractor 262/272/470 FG Series, Terrier	72 →	3771 ccm	46-55 kW (63-75 PS)	98 / 4	IN	PAUS059	86K943	43,0x8,7x148,0	45	1
ENG. 6/98 NV, 6/98 DV	Tractor 285/485/2100/4100 FG Series, Terrier, Boxer	72 →	5655 ccm	71-86 kW (97-117 PS)	98 / 6	EX	PAUS060	86K944 NKJ3537	38,0x8,7x148,0	45	1
ENG. 0370	Super Comet	64 →	6540 ccm		107,2 / 6	IN	PAUS065	PL909 607909 518731	42,8x8,66x146,0	30	1
ENG. 0401, 0402NA ENG. 0410, 0411 - Turbo		68 → 73 →	6540 ccm		107,2 / 6	EX	PAUS066	PL910 607910 518732	39,5x8,64x146,0	30	1
ENG. 0401, 0402NA ENG. 0410, 0411 - Turbo		68 → 73 →	6540 ccm		107,2 / 6	IN	PAUS067	PLA2584 10618846	45,7x8,66x145,9	30	1
ENG. TL11A - Turbo ENG. TL11D - Turbo		78 →	10300 ccm		6	EX	PAUS068	PLA2585 10618851	42,8x8,64x145,9	30	1
ENG. TL11A - Turbo ENG. TL11D - Turbo		78 →	10300 ccm		6	IN	PAUS072	PI612817 612817	55,2x11,0x151,7	30	1
ENG. 0680		51 →	11100 ccm	156 kW (212 PS)	127,01 / 6	EX	PAUS073	UEJ1005	46,5x11,0x150,4	30	1
ENG. 0680 Power Plus		62-71	11100 ccm	147 kW (200 PS)	127,01 / 6	IN	PAUS077	PL608532 608532	56,0x11,0x151,8	30	1
ENG. 0680 Power Plus		62-71	11100 ccm	147 kW (200 PS)	127,01 / 6	EX	PAUS078	PL608533 608533	48,4x11,0x150,7	30	1


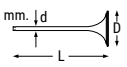




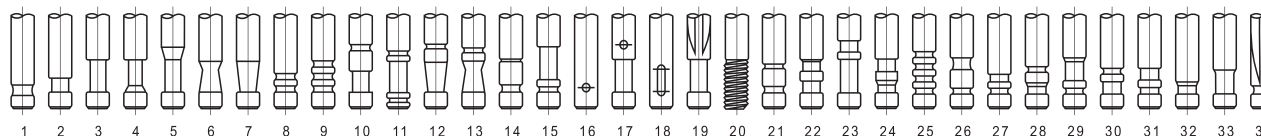
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AUTOBIANCHI BENZYNA											
ENG. 156 A2.000, 156 A2.100, 156 A2.246	Y10	85 →	999 ccm	32-37 kW (44-50 PS)	70 / 4	IN	PAUT001	5942727	30,4x7,0x97,1	45	1
	Y10 4WD	86 →						7666228			
	Y10 LX	85 →						5942728			
ENG. 160 A3.000	Y10 ie	89 →	1108 ccm	37-41 kW (51-56 PS)	70 / 4	EX	PAUT002	7666227	27,3x7,0x97,2	45	1
	Y10 4WD ie	89 →						46514754			
	Y10 ie LX	89 →						46553047			
ENG. 156 C.000, 156 C.046	Y10 1.1 ie	89/95	1108 ccm	37-40 kW (50-55 PS)	70 / 4						
ENG. 110D.000	Giardiniera Panoramica 500 L Bianchina 500	60 →	499 ccm	13 kW (18 PS)	67,4 / 2	IN	PAUT003	4058690	32,0x8,0x115,3	45	33
		60-73						4058859			
60-73	4062108										
EX	PAUT004	4374855	28,0x8,0x115,7	45	33						
		5977214									
		4058860									
		4058691									
		4146638									
		4094941									


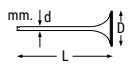




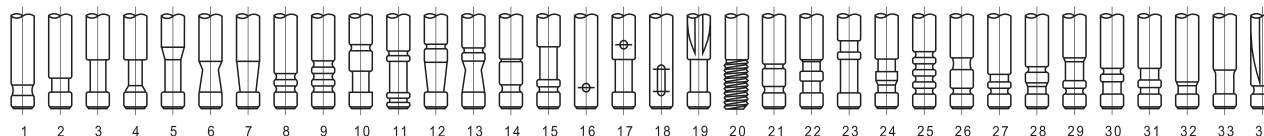
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
AUTOBIANCHI BENZYNA											
ENG. A 112 A.000	A 112 0.9	3/78-12/86	903 ccm	29-35 kW (39-48 PS)	65 / 4	IN	PAUT005	4265695	29,0x7,0x95,3	30	1
ENG. A 112 A5.000	A 112 0.9	7/75-12/85	903 ccm	31 kW (42 PS)	65 / 4			4259853			
ENG. A 112 B2.000	A 112 0.9	3/78-2/84	903 ccm	29 kW (40 PS)	65 / 4			46407749			
ENG. A 112 B1.000	A 112 0.9	11/77-12/84	965 ccm	35 kW (48 PS)	67,2 / 4			46427459			
ENG. 100 GL6.000	A112 E	69-86	843 ccm	25 kW (33 PS)	65 / 4			4190109			
ENG. A112A- A112B1	A 112 Elegant - Elite A 122 Junior - LX	77-85	965 ccm	35 kW (48 PS)	67,2 / 4	EX	PAUT006	5959564	26,0x7,0x95,7	45	1
		77-85						4259583			
								4183555			
								4274135			
								4377979			
								5973130			
								5959563			
								5963326			
								7736408			
								7783841			
	EX	PAUT007	4265696	26,0x7,0x95,3	45	9					
			4266321								


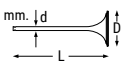




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
AVIA DIESEL											
	A-30				102 / 4	IN EX	PAVI001 PAVI002	360-020243 360-020261	45,9x10,0x140,7 37,0x10,0x140,2	45 45	1 1
ENG. D712	A-21, A-31	83 →	3595 ccm	61 kW (83 PS)	102 / 4	IN EX	PAVI001 PAVI004	360-020243 362-020261 362-020262	45,9x10,0x140,7 37,0x10,0x139,0	45 45	1 1
	A-21T/A-31T 407-01/02/03	10/93 →			102 / 4	IN EX	PAVI005 PAVI004	362-020240 362-020261 362-020262	45,6x10,0x140,6 37,0x10,0x139,0	30 45	1 1


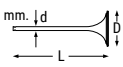




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BEDFORD BENZYNA											
ENG. 13 N, 13 S	Astra 1.3L Van	82 →	1297 ccm	44-55 kW (60-75 PS)	75 / 4	IN	PBED005	642763 90106098	33,0x7,0x104,5	45	1
						EX	PBED006	642890 90106086	29,0x7,0x104,5	45	1
ENG. F10A (33 kW)	Rescal 1.0	83-86	970 ccm	33 kW (45 PS)	65,5 / 4	IN	PBED007	12911-82000 12911-82010 12911A82000	36,0x7,0x115,5	45	1
						EX	PBED008	12915-82000 12915-82062 12915-82050 12915A82050	30,0x7,0x114,5	45	1
ENG. 16N, 16S	Astra Van	83 →	1598 ccm	66 kW (90 PS)	80 / 4	IN	PBED027	642635 90106792	35,0x7,98x106,0	45	1
						EX	PBED028	642789 90106797	32,0x7,96x106,6	45	1
ENG. 20N, 20S	CF 2 Van 230/250/280/350 cwt.	84 →	1979 ccm	74 kW (101 PS)	95 / 4	IN	PBED029	642750 09292660	42,0x9,0x123,0	45	1
						EX	PBED030	642873 09292324	37,0x9,0x123,7	45	26
						IN	PBED031	642751 092292661	+003" 42,0x9,07x123,0	45	1
						EX	PBED032	642874 09292325	37,0x9,07x123,7	45	26
						IN	PBED033	642752 092292662	+006" 42,0x9,15x123,0	45	1
						EX	PBED034	642875 09292326	37,0x9,15x123,7	45	26

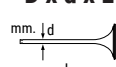




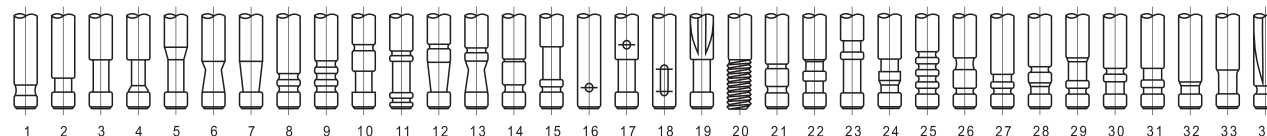
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BEDFORD BENZYNA											
ENG. 16 SV	Astra L Van	83 →	1598 ccm	60 kW (82 PS)	79 / 4	IN	PBED039	642679 90232973 90295011	38,0x7,0x101,1	45	1
						EX	PBED040	642854 642911 90232977 90295015	31,0x7,0x101,1	45	1


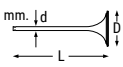




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BEDFORD DIESEL											
ENG. 16 D, 16 DA	Astra Van 1.6 D	83 →	1598 ccm	40 kW (54 PS)	80 / 4	IN	PBED001	642651 90009534 90169309	36,0x8,0x123,2	45	1
						EX	PBED002	642818 641353 90499097	32,0x8,0x123,2	45	1
						IN	PBED037	642652 90169310	36,0x8,07x123,2	45	1
						EX	PBED038	642819 90169315	32,0x8,07x123,2	45	1
ENG. 200	JIP/KC Models	58 →	3285 ccm	48 kW (65 PS)	98,4 / 4	IN	PBED003	91007950	42,9x8,7x141,5	45	2
ENG. 300	S/R Series		4927 ccm	74 kW (100 PS)	98,4 / 6	EX	PBED004	6384866	37,3x8,7x141,1	45	2
ENG. 220	J/TK Models		3614 ccm	48-52 kW (65-71 PS)	103,2 / 4		PBED004	8854549			
ENG. 330	J/TK Models M Series Special Appliance Chassis FC		5420 ccm	72-99 kW (98-135 PS)	103,2 / 6		PBED004	6366427 7173156			
BERLIET → R.V.I. 451											



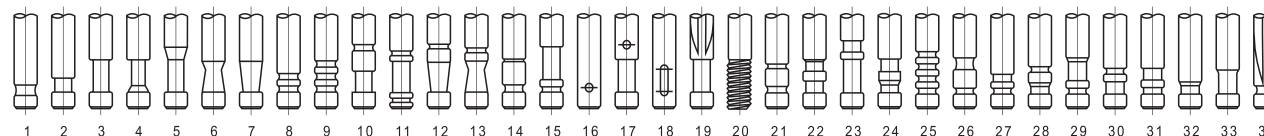
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
BMW BENZYNA											
ENG. M20 B20 V	320/6 2.0 (E21)	8/77-12/82	1991 ccm	90 kW (122 PS)	80 / 6	IN	PBMW001	11341267721	39,9x7,0x102,5	45	9
	520/6 2.0 (E12)	9/77-5/81						11341265453			
ENG. M20 B20 L	320i 2.0 (E30)	9/77-12/85	1991 ccm	92 kW (125 PS)	80 / 6	EX	PBMW002	11341267687	33,9x7,0x102,5	45	9
	320i 2.0 (E30) (AUS/CH/S)	9/82-87						1265453 1267687			
ENG. M20 B20 M1.Z7	320i 2.0 (E30)	12/86-9/88	1991 ccm	95 kW (129 PS)	80 / 6	EX	PBMW002	11341267722	33,9x7,0x102,5	45	9
	520i 2.0 (E34)	12/86-12/87						11341280643 1280643			
ENG. M20 B23 L	323i 2.3 (E30)	9/83-8/86	2316 ccm	110 kW (150 PS)	80 / 6			1280643			
ENG. M20 B23 LE	323i 2.3 (E30) (CH)	9/82-12/86	2316 ccm	102 kW (109 PS)	80 / 6			1267688			
ENG. M20 B23 K	323i 2.3 (E21)	1/78-9/82	2316 ccm	105 kW (143 PS)	80 / 6						
ENG. M20 B20 LE	320i 2.0 (E30)	12/85-6/91	1991 ccm	95 kW (129 PS)	80 / 6	EX	PBMW002		33,9x7,0x102,5	45	9
	520i 2.0 (E28)	12/86-12/87									
ENG. M20 B20 K	320i 2.0 (E30)	9/82-8/88	1991 ccm	92 kW (125 PS)	80 / 6	EX	PBMW002		33,9x7,0x102,5	45	9
	520i 2.0 (E28)	6/81-8/87									
ENG. M20 B20 MO.E8	520i 2.0 (E34)	9/87-9/90	1991 ccm	95 kW (129 PS)	80 / 6						
ENG. M20 B27 MEE	525e 2.7i (E28)	3/83-12/87	2693 ccm	92 kW (125 PS)	84 / 6						
ENG. M20 B27 ME.U	325e 2.7 (E30) (USA)	10/83-2/87	2693 ccm	90 kW (122 PS)	84 / 6	EX	PBMW004		36,0x7,0x102,5	45	9
	528e 2.7i (E28) (USA)	12/84-12/87									
ENG. M20 B27 M1Z7	325e 2.7 (E30)	3/87-6/88	2693 ccm	95 kW (129 PS)	84 / 6	EX	PBMW004		36,0x7,0x102,5	45	9
	525e 2.7i (E28)	1/87-12/87									
ENG. M20 B25 M.E	325i 2.5 (E30)	9/85-6/91	2494 ccm	125 kW (170 PS)	84 / 6	IN	PBMW003	11341720827	42,0x7,0x102,5	45	9
ENG. M20 B25 M.E/8	525i 2.5 (E34)	9/87-1/90	2494 ccm	125 kW (170 PS)	84 / 6	EX	PBMW004	11341708895			
ENG. M20 B25 M1.Z7	325i 2.5 (E30)	9/87-6/91	2494 ccm	125 kW (170 PS)	84 / 6	EX	PBMW004	11341720828	36,0x7,0x102,5	45	9
	525i 2.5 (E34)	9/87-1/90						11341708896			
	Z1 2.5i	7/88-6/91									


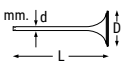




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BMW BENZYNA											
ENG. M30 B25 L	525i 2.5 (E28)	6/81-12/87	2494 ccm	110 kW (150 PS)	86 / 6	IN	PBMW005	11341273592	45,9x8,0x106,5	45	9
ENG. M30 B25 V	2.5 CS (E9)	9/74-3/76	2494 ccm	107-110 kW (146-150 PS)	86 / 6	EX	PBMW006	11341257587	37,9x8,0x107,2	45	9
	2500 (E3)	10/68-4/77									
ENG. M30 B28 L	528i (E12) (USA)	4/77-5/81	2788 ccm	126 kW (171 PS)	86 / 6	EX	PBMW006	11341250129	37,9x8,0x107,2	45	9
	528i 2.8 (E28)	6/81-12/87									
	628 CSi (E24)	9/79-12/87									
	728i 2.8 (E23)	9/77-5/86									
ENG. M30 B28 V	2800 (E3)	10/68-7/75	2788 ccm	125 kW (170 PS)	86 / 6						
	2.8 (E3)	2/75-4/77									
	528 2.8 (E12)	1/75-8/77									
	528 2.8 (E12)	9/95-3/98									
	728 2.8 (E23)	5/77-6/86									
ENG. M30 B30 M.E7	530i 3.0 (E34)	6/87-1/92	2986 ccm	138-145 kW (188-197 PS)	89 / 6						
	730i 3.0 (E32)	12/86-8/88									
ENG. M30 B30 V	3.0 (E9) (S)	5/71-8/79	2986 ccm	132-136 kW (180-185 PS)	89 / 6						
	3.0 (E9)	2/75-4/77									
	3.0 (E3) (S)	5/71-8/79									
	3.0 (E3)	2/75-4/77									
	630 CS (E24)	4/76-8/79									
	630 CS (E24) (S)	4/76-8/79									
	730 3.0 (E23)	5/77-8/79									
	730 3.0 (E23) (S)	4/76-8/79									
ENG. M30 B32 LA	745i turbo (E23)	9/79-4/83	3210 ccm	185 kW (252 PS)	89 / 6						
ENG. M30 B32 M	732i 3.2 (E23)	83-8/86	3210 ccm	145 kW (197 PS)	89 / 6						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BMW BENZYNA											
ENG. M50 B20 M	520i 2.0 24V (E34)	9/89-9/91	1991 ccm	110 kW (150 PS)	80 / 6	IN	PBMW009	11341722910	29,9x7,0x107,7	45	9
ENG. M50 B20 TU	320i 2.0 24V (E36)	9/92-8/94	1991 ccm	110 kW (150 PS)	80 / 6	IN	PBMW020	11341722896	30,0x6,0x107,1	45	9
	520i 2.0 24V (E34)	9/92-12/95						11341738214			
ENG. M50 B20	320i 2.0 24V (E36)	4/90-9/92	1991 ccm	110 kW (150 PS)	80 / 6			11341738220			
	520i 2.0 24V (E34)	9/91-9/92					11341438449				
ENG. M52 B20 (M52 B20C)	320i 2.0 24V (E36)	9/94-3/98	1991 ccm	110 kW (150 PS)	80 / 6	EX	PBMW010	11341722911	26,9x7,0x106,8	45	9
	320i 2.0 24V (E46)	3/98-9/01				EX	PBMW021	11341722897	27,0x6,0x106,2	45	9
	520i 2.0 24V (E39)	1/96-9/00			11341738215						
	520i 2.0 24V (E34)	10/94-12/96			11341738221						
	Z3 2.0i 24V (E36/7)	4/99-12/00			11347502351						
ENG. M70 B50	750i (E32)	5/87-11/94	4988 ccm	221 kW (300 PS)	84 / 12	IN	PBMW015	11341727358	41,9x7,0x102,1	45	9
	850i/Ci (E31)	5/89-10/94				EX	PBMW016	11341706941	35,9x7,0x101,1	45	9
ENG. M40 B18 M.E	318i 1.8 (E30)	9/87-4/94	1796 ccm	83-85 kW (113-115 PS)	84 / 4			11341709941			
	318i 1.8 (E36)	12/90-2/94						11341727352			
	518i 1.8 (E34)	9/89-5/95					11341717579				
ENG. M40 B16	316i 1.6 (E36)	12/90-1/94	1596 ccm	73-75 kW (100-102 PS)	84 / 4						
ENG. M42 B18	318i 1.8 16V (E30)	9/89-12/91	1796 ccm	100 kW (136 PS)	84 / 4	IN	PBMW018	11341739822	32,9x6,0x106,1	45	9
	318i 1.8 16V (E36)	4/89-12/96						11341739820			
ENG. M50 B25 M	325i 2.5 24V (E36)	4/90-9/92	2494 ccm	141 kW (192 PS)	84 / 6	EX	PBMW019	11341438284	30,5x6,0x105,7	45	9
	525i 2.5 24V (E34)	9/89-9/92						11341438385			
ENG. M50 B25 TU	325i 2.5 24V (E36)	9/92-5/95	2494 ccm	141 kW (192 PS)	84 / 6			11341438451			
	525i 2.5 24V (E34)	9/89-6/96						11341738218			
ENG. M42 B18 TU1	318i 1.8 16V (E36)	3/92-12/96	1796 ccm	103 kW (140 PS)	84 / 4			11341739823			
ENG. M52 B25 TU	323i 2.5 24V (E46)	3/98-9/00	2494 ccm	125 kW (170 PS)	84 / 4			11341739821			
	523i 2.5 24V (E39)	9/95-9/00						11341738219			
	Z3 2.5i 24V (E36/7) (USA)	1/99-12/02						11347505731			


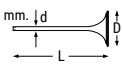




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BMW BENZYNA											
ENG. M52 B25	323i 2.5 24V (E36)	5/95-9/99	2494 ccm	125 kW (170 PS)	84 / 6	IN	PBMW018	11341739822	32,9x6,0x106,1	45	9
	523i 2.5 24V (E39) Z3 2.5i 24V (E36/7) (USA)	9/95-3/98 1/99-12/02						11341739820 11341438284			
ENG. M52 B28 GG	328i 2.8 24V (E36)	9/94-10/99	2793 ccm	142 kW (193 PS)	84 / 6	EX	PBMW019	11341438385	30,5x6,0x105,7	45	9
	528i 2.8 24V (E39)	9/95-3/98						11341438451			
	728i 2.8 24V (E38)	5/95-3/98						11341738218			
	Z3 2.8i 24V (E36/7)	9/96-9/98						11341739823			
ENG. M52 B28 TU	328i 2.8 24V (E46)	4/98-9/00	2793 ccm	142 kW (193 PS)	84 / 6			11341739821			
	528i 2.8 24V (E39)	4/98-9/00						11341738219			
	728i 2.8 24V (E38)	4/98-10/01						11347505731			
	Z3 2.8i 24V (E36/7)	11/96-9/00									
ENG. M44 B19	318i 1.9 16V (E36) Z3 1.9i 16V (E36/7)	9/96-9/00 9/95-9/99	1895 ccm	103 kW (140 PS)	85 / 4						
ENG. M54 256S5	X3 2.5i 24V	03 →	2494 ccm	141 kW (192 PS)	84 / 6						
ENG. M54 306S3	X3 3.0i 24V	03 →	2979 ccm	163-170 kW (222-231 PS)	84 / 6						
	Z4 3.0i 24V	04 →									
ENG. M44 B18	318 1.8 Ti 16V (E36) 318 1.8 iS 16V (E36)	95 →	1796 ccm	-	84 / 4						
		93 →									
ENG. M40 B16 ME.8	316 1.6i (E30)	9/88-6/94	1596 ccm	73-75 kW (100-102 PS)	84 / 4	IN	PBMW022	11341722908	32,9x7,0x106,7	45	9
ENG. M42 B18	318i 16V (E30)	9/89-12/91	1796 ccm	100-103 kW (136-140 PS)	84 / 4	EX	PBMW023	11341722892			
	318i 16V (E36)	3/92-12/96						11341722903			
ENG. M42 B18 TÜ1	318i 16V (E36)	3/92-12/96	1796 ccm	103 kW (140 PS)	84 / 4			11341726903			
ENG. 16 4 E1	316 1.6i (E30) 316 1.6i (E36)	9/88-6/94	1596 ccm	73-75 kW (100-102 PS)	84 / 4			11341722909			
		9/90-2/94						11341722893			
ENG. M50 B25 M	325i 2.5 24V (E36) 525i 2.5 24V (E34)	9/90-8/92 9/89-8/92	2494 ccm	141 kW (192 PS)	84 / 6						
ENG. 25 6 S1	325i 24V (E36) 525i 24V (E34)	9/90-8/92	2494 ccm	141 kW (192 PS)	84 / 6						
		9/89-8/92									
ENG. M42 B16	316i	91-93	1596 ccm	-	84 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
BMW BENZYNA											
ENG. M10 B16	316 1.6 (E21)	8/75-9/80	1573 ccm	66 kW (90 PS)	84 / 4	IN	PBMW026	11341251879	42,0x8,0x103,8	45	9
ENG. M10 B16 N	1502 (E10)	1/75-8/77	1573 ccm	55 kW (75 PS)	84 / 4	EX	PBMW027	0626102	35,0x8,0x104,3	45	9
ENG. M10 B16 V	315 1.6 (E21)	3/81-12/83	1573 ccm	55 kW (75 PS)	84 / 4						
ENG. 114/2	1600 (E10)	9/67-12/71	1573 ccm	77 kW (105 PS)	84 / 4						
	1602 (E10)	9/67-12/71									
ENG. 116	1600 (E10)	8/63-7/75	1573 ccm	61-63 kW (83-85 PS)	84 / 4						
	1602 (E10)	4/71-7/75									
ENG. M10 B18 S	316 1.8 (E21)	9/80-12/83	1767 ccm	66 kW (90 PS)	89 / 4						
	518 1.8 (E28)	6/81-8/84									
ENG. M10 B18 V	316 1.8 (E30)	9/82-12/88	1767 ccm	66 kW (90 PS)	89 / 4						
ENG. 118,3 KH	1800 (E6)	5/71-7/75	1766 ccm	66 kW (90 PS)	89 / 4						
	1802 (E10)	5/71-7/75									
	2000 1.8 (E9)	1/70-11/72									
ENG. M43 B18 C	318i 1.8 (E36)	1/94-4/99	1796 ccm	85 kW (115 PS)	84 / 4	IN	PBMW031	11341739658	42,0x7,0x104,0	45	9
	Z3 1.8i (E36/7)	9/95-9/99						11341433892			
ENG. M43 B16	316i 1.6 (E36)	7/93-8/00	1596 ccm	75-77 kW (102-105 PS)	84 / 4	EX	PBMW032	11341739114	36,0x7,0x103,0	45	9
	316g 1.6i (E36)	8/93-8/00						11341739665			
	316g 1.6i (E46)	11/98-8/01						11341433893			
ENG. M43 B18 Gas KAT	318g 1.8i (E36)	9/93-4/99	1796 ccm	85 kW (115 PS)	84 / 4						
ENG. M43 B19 TU OL	318i 1.9 (E46)	4/98-9/01	1895 ccm	87 kW (118 PS)	85 / 4						
	Z3 1.9i (E36/7)	9/98-9/02									
ENG. M43 B19 TU UL	316i 1.9 (E36)	9/98-8/00	1895 ccm	77 kW (105 PS)	85 / 4						
	316i 1.9 (E46)	4/98-1/02									
ENG. M73 B54	850 Ci 5.4 (E31)	2/94-5/99	5379 ccm		85 / 12						
	750i, 750il 24V (E38)	9/94 →									
ENG. S70 B56	850 CSI 5.6 V12 (E31)	8/92-11/96	5576 ccm	280 kW (380 PS)	86 / 12						
ENG. M70 B56	850 Ci 24V	93 →	5576 ccm	279 kW (380 PS)	86 / 12						

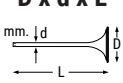


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BMW BENZYNA											
ENG. S14 B23 (143 kW)	M3 2.3i (E30)	7/86-12/91	2302 ccm	143 kW (195 PS)	93,4 / 4	IN	PBMW037	11341309343	37,0x7,0x121,4	45	9
ENG. S14 B23 (147 kW)	M3 2.3i (E30)	7/86-12/91	2302 ccm	147-158 kW (200-215 PS)	93,4 / 4	EX	PBMW038	11341309487	32,0x7,0x123,8	45	9
ENG. S38 B36	M5 24V (E34)	10/88 →	3535 ccm	232 kW (315 PS)	93,4 / 6						
ENG. M56	BMW R75	01/41 - 12/46	745 ccm	19 kW (26 PS)	4	IN/EX	PBMW040		36,0x9,0x98,0	45	9
	BMW R35	01/37 - 12/40	342 ccm	10 kW (14 PS)	4	IN/EX	PBMW043		36,0x8,0x103,45	45	33
	AWTOWELO R35	01/45 - 12/51	350 ccm								
	EMW R35/3	01/52 - 12/55	350 ccm								
	BMW MOTORCYCLES R 50 R 50/5 (247)	09/69 - 07/73	498 ccm	23 kW (31 PS)	2	IN	PBMW044	11340026101	34x7,0x87,3	45	33
	BMW MOTORCYCLES R 60 R 60/5 (247)	08/69 - 07/73	599 ccm	29 kW (39 PS)	2	EX	PBMW045	11340026109	32,1x7,0x86,6	45	33
	BMW MOTORCYCLES R 60 R 60/6 (247)	07/73 - 06/76	599 ccm	29 kW (39 PS)	2						
	BMW MOTORCYCLES R 60 R 60/6 (247)	05/76 - 04/80	599 ccm	29 kW (39 PS)	2						


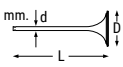




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
BMW DIESEL																
ENG. M21 D24 W	324d 2.4 (E30)	9/86-12/87	2443 ccm	60-63 kW (82-86 PS)	80 / 6	IN	PBMW007	11342242624	34,9x7,0x114,3	45	9					
	524d 2.4 (E28)	9/85-12/90						11341279141								
ENG. M21 D24 WA	324dt 2.4 (E30)	10/87-12/90	2443 ccm	85 kW (115 PS)	80 / 6	EX	PBMW008	11342242621	30,9x7,0x114,1	45	9					
	524dt 2.4 (E28)	9/83-12/87						11342242623								
	524dt 2.4 (E34)	11/87-9/91						11341275965 11342242622								
ENG. M51 D25 UL	325td 2.5 (E36)	6/91-9/97	2497 ccm	85 kW (115 PS)	80 / 6	IN	PBMW011	11342244814	36,0x6,0x103,7	45	9					
	525td 2.5 (E39)	1/96-9/00						11342246524								
	525td 2.5 (E34)	12/92-6/96						90511366								
ENG. M51 D25 OL	525tds 2.5 (E34)	9/91-6/96	2497 ccm	105 kW (143 PS)	80 / 6	EX	PBMW012	641041	31,0x6,0x103,5	45	9					
	325tds 2.5 (E36)	6/93-2/98						STC2156								
ENG. M51 D25 TU OL	325tds 2.5 (E36)	6/93-2/98	2497 ccm	105 kW (143 PS)	80 / 6	EX	PBMW012	11342244815	31,0x6,0x103,5	45	9					
	525tds 2.5 (E39)	1/96-2/00						11342246525								
	725tds 2.5 (E38)	3/96-2/00						90511374								
ENG. M41 B17	318tds 1.7 (E36)	9/94-2/98	1665 ccm	66 kW (90 PS)	80 / 4	EX	PBMW014	641346	30,9x7,0x103,5	45	9					
ENG. M41 D17	318tds 1.7 (E36)	9/94-2/98	1665 ccm	66 kW (90 PS)	80 / 4			STC2149								
ENG. M51 D25 TU UL	325td 2.5 (E36)	2/96-2/98	2497 ccm	85 kW (115 PS)	80 / 6											
ENG. M41 D18 Mod. E36	318TDS - Touring	8/94-	1665 ccm	66 kW (90 PS)	80 / 4											
ENG. M51 D25 OL	325tds 2.5 (E36)	6/93-2/98	2497 ccm	105 kW (143 PS)	80 / 6			IN				PBMW011	11342244814	36,0x6,0x103,7	45	9
ENG. M51 D25 TU OL	525tds 2.5 (E34)	9/91-6/96	2497 ccm	105 kW (143 PS)	80 / 6			IN				PBMW011	11342246524			
ENG. M51 D25 TU OL	525dts 2.5 (E39)	1/96-2/00	2497 ccm	105 kW (143 PS)	80 / 6	EX	PBMW012	90511366	31,0x6,0x103,5	45	9					
	725dts 2.5 (E38)	3/96-2/00						641041								
ENG. M51 D25 TU UL	325dt 2.5 (E36)	2/96-2/98	2497 ccm	85 kW (115 PS)	80 / 6	IN	PBMW013	11342243328	35,9x7,0x103,7	45	9					
ENG. M51 D25 UL	525dt 2.5 (E34)	12/92-6/96	2497 ccm	85 kW (115 PS)	80 / 6	EX	PBMW012	11342244815	31,0x6,0x103,5	45	9					
	325dt 2.5 (E36)	6/91-9/97						11342246525								
	525dt 2.5 (E39)	1/96-9/00						90511374								
								641346								
								STC2149								
						EX	PBMW014	11342244282	30,9x7,0x103,5	45	9					


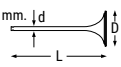




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BMW DIESEL											
ENG. M57 D25	525d 2.5 24V (E39)	3/00-2/04	2497 ccm	120 kW (163 PS)	80 / 6	IN/EX	PBMW017	11342247077 LGH101450	26,0x6,0x99,9	45	9
ENG. M57 D25 TU	525d 3.0 24V (E60) 525d 2.5 24V (E61)	4/04-9/06 4/04-9/06	2497 ccm	130 kW (177 PS)	80 / 6						
ENG. M47 D20 OL	320d 16V (E46) 520s 16V (E39)	4/98-8/01 6/99-5/03	1951 ccm	100 kW (136 PS)	84 / 4						
ENG. M47 D20 TU2 OL	320d 2.0 16V (E90) 320d 2.0 16V (E91) 520d 2.0 16V (E60) 520d 2.0 16V (E61)	3/05-7/08 9/05-8/08 9/05-8/07 9/05-8/07	1995 ccm	120 kW (163 PS)	84 / 4						
ENG. M47 D20 TU2 UL Euro 4	118d 2.0 16V (E87) 318d 2.0 16V (E90) 318d 2.0 16V (E91)	9/04-3/07 9/05-7/08 9/05-9/07	1995 ccm	90 kW (122 PS)	84 / 4						
ENG. M47 D20 UL	318d 2.0 16V (E46)	9/01-3/03	1951 ccm	85 kW (115 PS)	84 / 4						
ENG. M47 D20TU OL	320d 16V (E46)	9/01-2/05	1951 ccm	100 kW (136 PS)	84 / 4						
ENG. M47 D20TU UL	318d 2.0 16V (E46)	3/03-5/05	1951 ccm	85 kW (115 PS)	84 / 4						
ENG. M47 D20TU2 OL	120d 2.0 16V (E87) 320d 2.0 16V (E90) 320d 2.0 16V (E91) 520d 2.0 16V (E60) 520d 2.0 16V (E60) LCI 520d 2.0 16V (E61) LCI X3 2.0d 16V (E83) X3 2.0d 16V (E83) LCI	9/04-3/07 3/05-7/08 9/05-8/08 9/05-8/07 9/07-9/07 9/07-9/07 9/04-9/06 9/06-9/07	1951 ccm	110-120 kW (150-163 PS)	84 / 4						
ENG. M57 D30 (135 kW)	330d 3.0 24V (E46) 530d 3.0 24V (E39) 730d 3.0 24V (E38) X5 3.0d 24V (E53)	9/99-2/03 9/98-5/04 9/98-7/01 4/01-9/03	2926 ccm	135-142 kW (184-193 PS)	84 / 6						
ENG. M67 D39	740d 3.9 32V (E38) 740d 3.9 32V (E65)	5/99-7/01 9/02-3/05	3901 ccm	175-190 kW (238-258 PS)	84 / 8						


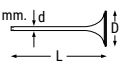




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
BMW DIESEL												
ENG. M47 N204 D4 Euro 4	318d 2.0 16V (E46)	3/03-2/05	1995 ccm	85-130 kW (115-177 PS)	84 / 4	IN/EX	PBMW017	11342247077 LGH101450	26,0x6,0x99,9	45	9	
	320d 16V (E46)	9/01-2/05										
	320td 16V (E46)	9/01-2/05										
	ENG. M47 N204 D5	320d 2.0 16V (E91)	9/05-8/08	1995 ccm	120 kW (163 PS)							84 / 4
		520d 2.0 16V (E61)	7/05-8/07									
ENG. 204D4	X3 2.0 D	03 →	1995 ccm		84 / 4							
	118 2.0 D	03 →										
	120 2.0 D	04 →										
ENG. 306D3-M57N30	530 D 3.0 24V	05 →	2993 ccm		84 / 6							
ENG. 306D4-M57N30	535 D 3.0 24V	04 →	2993 ccm		84 / 6							
ENG. B37 C15 A	BMW 2 Active Tourer (F45) 214 d	07/14 - 02/18	1496 ccm	70 kW (95 PS)	3	IN/EX	PBMW041 PBMW042	11127797711 11347797712	27,2x5,0x94,0 24,6x5,0x94,0	45 45	9 9	
	BMW 2 Active Tourer (F45) 216 d	03/14 →										
	BMW 2 Gran Tourer (F46) 214 d	07/15 - 02/18										
	BMW 2 Gran Tourer (F46) 216 d	08/14 →										
ENG. B37 D15 A	BMW 1 (F20) 116 d	03/15 →	1496 ccm	70 kW (95 PS)	3							
ENG. B47 C20 A	BMW 2 Active Tourer (F45) 218 d	11/13 →	1995 ccm	100 kW (136 PS)	4							
	BMW 2 Active Tourer (F45) 220 d	03/14 →										
	BMW 2 Gran Tourer (F46) 218 d	07/14 →										
	BMW 2 Gran Tourer (F46) 220 d	09/14 →										
	BMW X1 (F48) sDrive 18 d	11/14 →										


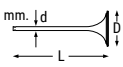




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 						
BMW DIESEL																	
ENG. B47 C20 A	BMW 1 (F20) 118 d	03/15 →	1995 ccm	100 kW (136 PS)	4	IN	PBMW041	11127797711	27,2x5,0x94,0	45	9						
	BMW 1 (F20) 120 d	03/15 →										EX	PBMW042	11347797712	24,6x5,0x94,0	45	9
	BMW 1 (F21) 120 d	03/15 →															
	BMW 3 (F30, F80) 316 d	05/11 - 06/15															
	BMW 3 (F30, F80) 318 d	07/15 - 10/18															
	BMW 3 (F30, F80) 320 d	04/11 - 06/15															
	BMW 4 coupe (F32, F82) 418 d	03/15 →															
	BMW 4 Gran Coupe (F36) 418 d	07/15 →															
	BMW 5 (F10) 518 d	07/14 - 10/16															
	BMW 5 (F10) 520 d	07/14 - 10/16															
	BMW 5 Touring (F11) 520 d	07/14 - 02/17															
	BMW 5 Touring (F11) 520 d	07/14 - 02/17															
	BMW X3 (F25) sDrive 18 d	04/14 - 08/17															
ENG. B57 D30 A	BMW 5 (G30, F90) 530 d	09/16 →	2993 ccm	155 kW (211 PS)	6												
	BMW 5 Touring (G31) 530 d	03/17 →															
	BMW 6 Gran Turismo (G32) 630 d	06/17 →															
	BMW 7 (G11, G12) 730 d	09/15 →															
	BMW X3 (G01) xDrive 30d	07/17 →															


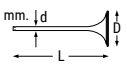




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BMW DIESEL											
ENG. B57 D30 B	BMW 5 (G30, F90) 540 d xDrive	07/17 →	2993 ccm	235 kW (320 PS)	6	IN EX	PBMW041 PBMW042	11127797711 11347797712	27,2x5,0x94,0	45	9
	BMW 5 Touring (G31) 540 d xDrive	07/17 →							24,6x5,0x94,0	45	9
	BMW 6 Gran Turismo (G32) 640 d xDrive	11/17 →									
	BMW 6 Gran Turismo (G32) 640 d xDrive	11/15 →									
ENG. B57 D30 C	BMW 5 (G30, F90) M 550 d xDrive	06/17 →	2993 ccm	294 kW (400 PS)	6						
	BMW 5 Touring (G31) M 550 d xDrive	07/17 →									
	BMW 7 (G11, G12) 750 d, Ld xDrive	07/16 →									
ENG. N47 D20 A	BMW 1 (E81) 116 d	12/11 →	1995 ccm	66 kW (90 PS)	4						
	BMW 1 (E81) 118 d	12/11 →									
	BMW 1 (E81) 120 d	12/11 →									
	BMW 1 coupe (E82) 120 d	09/07 - 10/13									
	BMW 1 kabriolet (E88) 118 d	09/08 - 12/13									
	BMW 3 (E90) 318 d	02/07 - 03/10									
	BMW 3 (E90) 320 d	09/07 - 03/10									
	BMW 3 Touring (E91) 320 d	02/07 - 12/10									
	BMW 3 coupe (E92) 320 d	09/06 - 02/10									
	BMW 5 Touring (E61) 520 d	03/07 - 05/10									


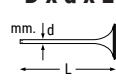




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BMW DIESEL											
ENG. N57 D30 C	BMW 5 (F10) M 550 d xDrive	03/12 - 10/16	2993 ccm	280 kW (381 PS)	6	IN EX	PBMW041 PBMW042	11127797711 11347797712	27,2x5,0x94,0	45	9
	BMW 5 Touring (F11) M 550 d xDrive	03/12 - 02/17							24,6x5,0x94,0	45	9
	BMW 7 (F01, F02, F03, F04) 750 d xDrive	07/12 - 12/15									
	BMW X5 (E70) M 50 d	08/11 - 06/13									
	BMW X5 (F15, F85) M 50 d	12/13 - 07/18									
	BMW X6 (E71, E72) M 50 d	08/11 - 06/14									
	BMW X6 (F16, F86) M 50 d	08/14 →									
BOLINDER-MUNKTELL → VOLVO 576											


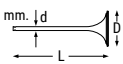




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
BYELARUS DIESEL											
	MTZ 50, 52, 80, 82, 900, 920 MT3 5MC-5LS Bore D 243, D 45 Tractor AL 110				4	IN	PBYE001	4753421199 50-100-7014 2401007014B4	47,8x11,0x157,8	45	2
						EX	PBYE002	4753421198 50-100-7015 2401007015B4	41,8x11,0x157,8	45	2
						IN	PBYE007	4753526630	47,8x11,0x157,8	30	2
						EX	PBYE002	4753421198 50-100-7015 2401007015B4	41,8x11,0x157,8	45	2
ENG. Universal	Tractor AL 100				4	IN	PBYE003	10302117	41,0x11,0x168,0	45	6
						EX	PBYE004	10302118	37,0x11,0x167,5 Grubość grzybka +0,50 [mm]	45	6
						IN	PBYE005		41,0x11,0x168,0	45	6
						EX	PBYE006		37,0x11,0x167,5	45	6


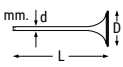




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CASE DIESEL											
ENG. D 155	Series V 433, V 533 Series 353, 383, 423, 433, 440, 453, 500, 503, 533, 540	66 →	2533 ccm	26-33 kW (35-45 PS)	98,425 / 3	IN	PCAS001	3055055R1 3055055R2	42,9x10,0x146,0	45	1
		66 →									
ENG. D 179	Series E 633, V 633 Series 240, 2400, 2454, 3210, 3220, 3400, 454, 464, 484, 4500, 523, 553, 633, 640 Tractor D523-633	65 → 65 →	2933 ccm	36-38 kW (49-52 PS)	98,425 / 3						
ENG. D 206	Series E 733 Series 100, 221, 258, 3230, 474, 554, 584, 624, 633, 644, 645, 654, 733, 740, 884	65 → 65 →	3382 ccm	40-50 kW (54-68 PS)	98,425 / 4						
ENG. D 239	Series 125 Series E 833, H 30 B, TD 7 E, TD 8 A, TD 8 B/C Series 2500, 2544, 2574, 321, 3400, 3500, 3514, 3654, 3800, 421, 431, 452, 4210, 544, 574, 609, 664, 674, 684, 724, 743, 744, 745, 824, 833, 840, 861, 871, 940 Tractor SU 644 HD	65 → 65 → 65 →	3910 ccm	45-67 kW (62-91 PS)	98,425 / 4						
ENG. D 310	Series H 50 B Series 321, 431, 531, 686, 711, 715, 756, 782, 786, 86, 871, 891, 946, 955	65 → 65 →	5070 ccm	62-79 kW (84-107 PS)	98,425 / 6						


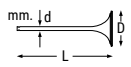




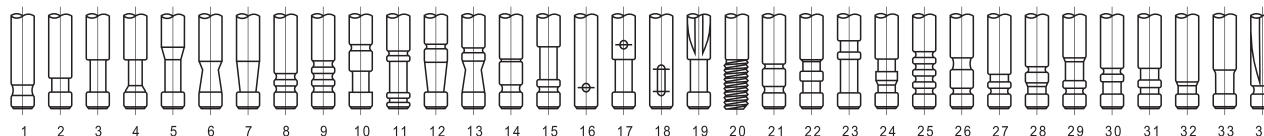
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CASE DIESEL											
ENG. D 358	Series H 60 Series 1046, 1055, 1056, 1420, 1594, 2826, 3228, 3288, 3414, 3964, 3965, 3966, 3980, 3984, 515, 520, 531, 541, 630, 640, 826, 844, 886, 8111, 923, 943, 955, 956	65 →	5870 ccm	72-104 kW (98-142 PS)	98,425 / 6	IN	PCAS001	3055055R1	42,9x10,0x146,0	45	1
		65 →						EX			
ENG. DT 239	Tractor 520 A-946 A Series TD 8 E, 856	65 → 72 →	3910 ccm	60-62 kW (82-85 PS)	98,425 / 4						
ENG. DT 358	Tractor 856 XL Series H 65 B/C Series 1056, 1246, 1255, 1694, 640, 650, 953	72 →	5866 ccm	77-100 kW (105-136 PS)	98,425 / 6						
ENG. UD 179	Series 240, 2400, 454, 464, 484, 4500, 523, 553, 633	65 →	2933 ccm	50 kW (68 PS)	98,425 / 3						
ENG. UD 310	Series BTD 5 Series 165, 2706, 2756, 3820, 431, 531, 616, 622, 686, 706, 756, 871, 891, 95, 946, 955, 9000	65 →	5070 ccm	90 kW (123 PS)	98,425 / 6						
ENG. UD 358	Series 1046, 1055, 1056, 1420, 2826, 3288, 3414, 3964, 3965, 3966, 3984, 515, 531, 630, 640, 826, 886, 955, 956	65 →	5866 ccm	104 kW (141 PS)	98,425 / 6						


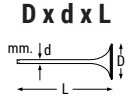




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CASE DIESEL											
ENG. DD 132	Series 430, 432	53-63	1631 ccm	22-30 kW (33-40 PS)	82,55 / 4	IN	PCAS003	713384R2	36,0x8,7x147,7	45	33
ENG. DD 66	Series 212, 214, 215	56 →	1087 ccm	10 kW (14 PS)	82,55 / 2	EX	PCAS004	713385R2	32,0x8,7x147,7	45	33
ENG. DD 99	Series 320, 322	56-63	1275 ccm	15-17 kW (20-24 PS)	82,55 / 3						
ENG. DD 74	Series 217, 219	56 →	1217 ccm	12-14 kW (17-19 PS)	87,312 / 2						
ENG. DD 111	Series 323, 324, 326	56 →	1825 ccm	17-19 kW (24-26 PS)	87,317 / 3						
ENG. Sisu 320D/420D/620D	CS 68, 75, 78, 86, 94, 100, 110, 120, 130, 150, CVX 120, 130, 150, 170, 1135, 1145, 1155, 1170, 1190					IN	PCAS005	162000050703	48,0x9,0x151,6	35	1
						EX	PCAS016	162000050702	41,0x9,0x152,9	45	1
ENG. DD 132 S	Series 436	59-65	1631 ccm	32 kW (40 PS)	82,55 / 4	IN	PCAS006	717374R1	36,0x8,7x152,1	45	33
ENG. DU 148	Series 862	56 →	2434 ccm	28 kW (39 PS)	87,312 / 4	EX	PCAS007	717375R1	32,0x8,7x152,1	45	33
ENG. DD 148	Series 436, 438, 439	59-65	2434 ccm	27 kW (36 PS)	87,317 / 4						
ENG. DT 402	1255, 1255XL, 1455, 1455XL					IN	PCAS001	3055055R1	42,9x10,0x146,0	45	1
						EX	PCAS008	3136915R2	41,0x10,0x146,0	45	1
	238, 275, 276, 354, 374, 384, 414, 424, 434, 444					IN	PCAS009	1231516R91	37,3x8,7x148,0	45	1
						EX	PCAS010	3044174R1 3044175R1	30,0x8,7x148,0	45	1


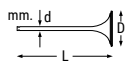




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CASE DIESEL											
ENG. F 4 L 912 D	Series 3944/3945	1/73-12/86	3770 ccm	19-59 kW (20-80 PS)	100 / 4	IN	PCAS011	2133731	43,0x8,0x133,0	45	1
ENG. F 6 L 912 D	Series 3960/3961	7/73-12/86	5655 ccm	42-92 kW (57-125 PS)	100 / 6	IN	PCAS013	2137301 4153773 4153629 4153631 4230567 4159138 4159136	43,0x8,0x133,0	45	9
						EX	PCAS012	2232717 2137300 2237221 3371762 3371776 4153696 4153697 DO155085050	37,0x8,0x133,0	45	1
						EX	PCAS014	4159137 4159139 4231804	37,0x8,0x133,0	45	9
ENG. OM 942.967 Euro 2/3	Series 600	96 →	15928 ccm	370-380 kW (503-516 PS)	130 / 8	IN	PCAS017	5410500226 4570530001	45,5x9,0x145,0	30	1
						EX	PCAS018	5410500227	41,0x9,0x145,0	45	1
						EX	PCAS020	4570500327 4570500527	42,1x9,0x144,9	35	1
							PCAS019	5410500591 5410500691 5410160791	Zawór dekompresyjny 17,1x8,0x86,8	45	1


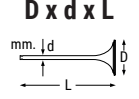




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
CATERPILLAR DIESEL													
ENG. 3304T-3304NA ENG. 3306T-3306NA ENG. 3306TA ENG. 3406T-3406TA	120G-130G-518 950-955L	80 →			120,65 4/6	IN	PCAT001	6N9915	51,5x9,5x136,5	30	8		
	D4D-SA 920-930-941B-951	80 →						EX				PCAT002	7N0572
	D6C-SA-D7G 14G-235-528-571 572G-627B-637 814-5-6 996C-977L	80 →											6N9916
	D5-SA-12G 561C 980 B 16G 245 621B-623B	80 →											7N0573
ENG. D330, D333 ENG. D330C, D333C Turbo	D4-D4D-D5-D6C-D7E 977-11K-76J 3304-3306 D7F-980B	59-69	5740 ccm		120,65 4/6	EX	PCAT003 PCAT004	5S6452	51,5x9,5x140,0 48,0x9,5x139,0	30	8		
920-922B-930-944 950-951B-951C 955K-966C-12F-14E 112F-120-140	59-69			8N0975									
ENG. 3306 Scrapers 627-637		10500 ccm		5S7232									
ENG. 1673C		14600 ccm		7S6767									
ENG. 3406 Serial 92U1 ENG. 3408 Serial 28V1 ENG. 3412 Serial 60M1-38S1		84 →	14600 ccm		137,16 / 6 137,16 / 8 137,16 / 12	IN	PCAT005	1W3859	45,0x9,5x181,5	30	8		
			18000 ccm					EX				PCAT006	4N5654
			29200 ccm										2W2622
								1152368					
								1W3860	41,8x9,5x181,5	45	8		
								7N4580					
								4N5653					
								1152367					


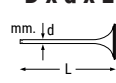




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CATERPILLAR DIESEL											
	988-620-631-641 650-651-657-666 824-824/B-825/B 830-834-835	84 →			137,16 / 6	IN	PCAT007	2M6402 1P0407 1N4885	45,0x9,5x152,0	45	8
						EX	PCAT008	8N3725 1P2629 1E7830 2M6403 7E7830	42,0x9,5x152,0	45	8
ENG. 3204	45V 910 931				4	IN	PCAT009	9N0180	48,0x9,5x150,0	30	8
						EX	PCAT010	9N0185	45,8x9,5x150,0	45	8
ENG. 3208	Serial Nos. 32Y1 → 32Y99999, Serial Nos. 51Z1 →		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8	IN	PCAT011	9L7682 9L9851	53,2x9,5x144,7	30	8
ENG. 1140	Serial No. 36B1 →		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8	EX	PCAT012	9L7683 9N5125 1196772	45,8x9,5x144,3	45	8
ENG. 1145	Serial No. 97B1 →		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8						
ENG. 1150	Serial No. 96B1 →		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8						
ENG. 1160	Serial No. 95B1 →		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8						
ENG. 3208	Serial No. 40S1 →		10400 ccm	115-125 kW (150-175 PS)	114,3 / V-8						
ENG. D364-D375 ENG. D386-D397	D7 Serial N. 17A D8 Serial N. 13A-13A1 14A-14A1-15A 15A1- 35A1-36A1	58-69			146,05 4/6	IN	PCAT013	8H1993 7F5310	59,5x12,6x236,0	45	6
						EX	PCAT014	8H1994 7F4784	58,0x12,6x235,0	45	6
	3406, 3406B, 3408, 3412					IN	PCAT029	122-7353 9Y9804	45,0x9,5x181,4	20	8
						EX	PCAT030	101-8314 9Y9803	41,7x9,5x181,5	45	8


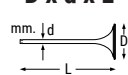




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CATERPILLAR DIESEL																	
Marine Eng.	ENG. Serie 3500					IN/EX	PCAT032	7E4609 7C6217 4W1300	56,0x9,5x219,0	30	8						
ENG. G 3520 B			5263 ccm	1286 kW (1725 PS)	170,0 / V-20	IN/EX	PCAT033	210-2542 1047184	56,0x9,5x219,0	20	8						
ENG. Serie 3500 Gas Natural Gas Eng.																	
ENG. 3508	3500 Series		34501 ccm	470 kW (639 PS)	8/170	IN/EX	PCAT031	104-7184	56,0x9,4x220,0	20	8						
ENG. 3508B				566 kW (770 PS)	8/170												
ENG. 3508C																	
ENG. 3512			51751 ccm	761 kW (1035 PS)	12/170												
ENG. 3512B				1119 kW (1521 PS)	12/170												
ENG. 3512C				955 kW (1298 PS)	12/170												
ENG. 3516			69002 ccm	1011 kW (1375 PS)	16/170												
ENG. 3516B				1492 kW (2029 PS)	16/170												
ENG. 3516C				1230 kW (1672 PS)	16/170												
ENG. G3508	G3500 Series		34501 ccm	391 kW (532 PS)	8/170												
ENG. G3508B				514 kW (599 PS)	8/170												
ENG. G3512			51751 ccm	589 kW (801 PS)	12/170												
ENG. G3512B				772 kW (1050 PS)	12/170												
ENG. G3516			69002 ccm	492 kW (669 PS)	16/170												
ENG. G3516B				1029 kW (1399 PS)	16/170												
ENG. G3520			86252 ccm	1104 kW (1501 PS)	20/170												
ENG. G3520B				1104 kW (1501 PS)	20/170												
CHERY → SPERANZA/CHERY 498																	


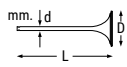




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CHEVROLET BENZYNA											
ENG. B12S1, F12S3	Aveo 1.2i Kalos 1.2i	2/06 →	1148 ccm	53 kW (72 PS)	68,5 / 4	IN	PCHE001	94580146	35,7x5,5x110,5	45	1
		2/05 →						12911-78B00			
ENG. F8CV	Matiz 0.8i Spark 0.8i	2/05 →	796 ccm	37-38 kW (50-52 PS)	68,5 / 3	EX	PCHE002	12911-78B00-000	31,8x5,5x110,3	45	1
		5/05 →						96352793			
ENG. B10S	Matiz 1.0i	3/05 →	995 ccm	47 kW (64 PS)	68,5 / 4			94581486 12915-78B00-000 12915-78B00-222 11915A78B01-000			
ENG. A14SMS/A14DMS	Lanos 1.4i 8V	5/97 →	1349 ccm	55 kW (75 PS)	76,5 / 4	IN	PCHE003	96182934	38,0x7,0x103,7	45	1
ENG. A15SMS/A15DMS	Lanos 1.5i 8V	5/97 →	1498 ccm	63-81 kW (86-110 PS)	76,5 / 4	EX	PCHE004	96182933	31,0x7,0x103,7	45	1
ENG. F14S3	Aveo 1.4i Kalos 1.4i	03 →	1399 ccm	61 kW (83 PS)	77,9 / 4	IN	PCHE005	96335947	38,0x6,0x104,0	45	9
		02 →				EX	PCHE006	96335948	31,0x6,0x104,0	45	9
ENG. F14S3	Aveo 1.4i 16V Kalos 1.4i 16V Lacetti 1.4i 16V Nubira 1.4i 16V	2/06 →	1399 ccm	69-70 kW (94-95 PS)	77,9 / 4	IN	PCHE007	96440081	28,6x6,0x101,6	45	1
		2/05 →					96376881				
		2/05 →				EX	PCHE008	96440079	27,3x6,0x101,2	45	1
		2/05 →					96376980				
ENG. A16DMS	Aveo 1.6i 16V Kalos 1.6i 16V Lacetti 1.6i 16V Nubira 1.6i 16V Rezzo 1.6i 16V Tacuma 1.6i 16V	9/05 →	1598 ccm	77-80 kW (105-109 PS)	79 / 4	IN	PCHE009	96103129	30,3x6,0x102,4	45	1
		2/05 →					96182806				
		2/05 →				EX	PCHE010	96103130	26,0x6,0x102,0	45	1
		2/05 →					96182805				
		2/05 →									
		2/05 →									
ENG. F18N	Tacuma 1.8i	00 →	1761 ccm		84,8 / 4	IN	PCHE011	96230591	38,0x6,0x101,4	45	9
						EX	PCHE012	96230595	31,4x6,0x101,2	45	9


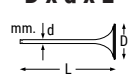



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
CHEVROLET BENZYNA																
ENG. X 20 SED, C 20 SED	Leganza 2.0i 16V	3/97-12/02	1998 ccm	100-109 kW (136-148 PS)	86 / 4	IN	PCHE013	641022	32,0x6,0x102,1	45	9					
	Magnus 2.0i 16V	99 →						90412277								
	New Brougham 2.0i 16V	1/96-2/97						4500849								
	New Prince 2.0i 16V	4/96-2/97						641325								
ENG. X 22 SE, T 22 SED	Nubira 2.0i 16V	9/97-6/03	2198 ccm	100-104 kW (136-141 PS)	86 / 4	EX	PCHE014	641325	29,0x6,0x92,2	45	9					
	Super Saloon 2.0i 16V	97 →						90410813								
ENG. Z 24 XE	Captiva 2.4i 16V	9/06 →	2405 ccm	100-103 kW (136-140 PS)	87,5 / 4											
ENG. T 20 SED	Tacuma 2.0i 16V	00 →	1998 ccm	89 kW (121 PS)	86 / 4	IN	PCHE019		49,2x8,67x124,0	45	32					
	Epica 2.0i 16V	05 →						PCHE020					38,1x8,66x125,0	45	32	
	Mercuriser (Ford) New				V6	EX			nadwymiar							
					V8	IN	PCHE021		49,2x9,05x124,0	45	32					
						EX	PCHE022		38,1x9,04x125,0	45	32					
	Lacetti 1.8 DOHC	06 →	1800 ccm			IN	PCHE033	93333561	31,1x6,0x101,5	45	9					
						EX	PCHE034	93333562	27,5x6,0x100,7	45	9					
ENG. Z 22 SE	Astra G 2.2i 16V	9/02 →	2198 ccm	108 kW (147 PS)	86 / 4	IN	PCHE035	12575793	35,1x6,0x102,3	45	9					
								12786696								
								55192156								
								55563529								
								641056								
								641063								
								71739277								
								EX				PCHE036	12597371	30,1x6,0x100,9	45	9
								12791961								
								24454518								
4805043																
641373																
641376																
641380																
71739320																


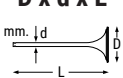




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CHEVROLET BENZYNA											
ENG. C 18 LE	Espero 1.8 Nubira 1.8	2/95-6/99 4/97-5/99	1796 ccm	66-74 kW (90-100 PS)	84,8 / 4	IN	PCHE039	642667 90220119 90220121	41,8x7,0x104,2	45	1
ENG. C 20 LE	Espero 2.0	10/93-6/99	1998 ccm	77-85 kW (105-116 PS)	86 / 4	EX	PCHE040	90295019 641306 642829 90323756 90323757	36,5x7,0x103,7	45	1
ENG. C 20 NE	Espero 2.0i	9/93-10/94	1998 ccm	85 kW (116 PS)	86 / 4						
ENG. G15MF	Nexia 1.5i	96 →	1498 ccm	44-59 kW (55-80 PS)	76,5 / 4	IN EX	PCHE041 PCHE042	90215492 96098751 90215491	38,0x7,0x101,7 31,0x7,0x101,7	45 45	1 1
ENG. LMU / B12D1	Chevrolet Aveo / Kalos Liftback (T250, T255) 1.2	04/08 →	1206 ccm	62 kW (84 PS)	69,7/4	IN EX	PCHE043 PCHE044	96463002 96463003	25,9x5,0x99,1 23,5x5,0x100,0	45 45	1 1
	Chevrolet Aveo / Kalos Liftback (T250, T255) 1.2 Lpg	04/08 - 12/11		62 kW (84 PS)							
	Chevrolet Aveo / Kalos Sedan (T250, T255) 1.2	01/08 →		55 kW (75 PS)							
	Chevrolet Aveo / Kalos Sedan (T250, T255) 1.2	01/08 →		62 kW (84 PS)							
	Chevrolet Aveo / Kalos Sedan (T250, T255) 1.2 Lpg	01/09 →		62 kW (84 PS)							
	Chevrolet Spark (M300) 1.203.2010 -	03/10 →		60 kW (82 PS)							
	Chevrolet Spark (M300) 1.2 Lpg03.2010 -	03/10 →		60 kW (82 PS)							




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
CHEVROLET BENZYNA												
ENG. LMT / B10D1	Chevrolet Spark (M300) 1.0	03/10 →	995 ccm	50 kW (68 PS)	68,5/4	IN	PCHE043	96463002	25,9x5,0x99,1	45	1	
	Chevrolet Spark (M300) 1.0 Lpg					EX	PCHE044	96463003	23,5x5,0x100,0	45	1	
ENG. L2B / L2C	Chevrolet Cobalt 1.5 16V	01/13 - 12/15	1485 ccm	79 kW (107 PS)	4	IN	PCHE045	96935785	28,0x5,0x98,5	45	1	
	Daewoo Gentra 1.5 16V	05/13 - 09/15				EX	PCHE046	96935787	24,4x5,0x99,2	45	1	
	Ravon Gentra 1.5 16V	08/16 →										
	Ravon R4	10/15 →										
Ravon Nexia R3 1.5 16V	01/15 →											


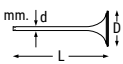




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CHEVROLET DIESEL											
ENG. XUD 9, 162	Truck Plus	00 →	1905 ccm			IN	PCHE037	93510415 96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000	38,5x8,0x112,4	45	1
						EX	PCHE038	50054982 93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052	33,0x8,0x111,9	45	1


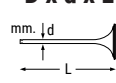




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
CHRYSLER BENZYNA											
ENG. C00	Voyager 16V		1995 ccm		4	IN	PCHR006		33,2x6,0x115,0	45	1
	Stratus 16V					EX	PCHR007		28,7x6,0x117,0	45	1
ENG. J5R 800 ENG. J6R 711	Jeep CJ-7 2.0	10/83-12/86	1995 ccm	62 kW (85 PS)	88 / 4	IN	PCHR010	7701460147 7700635409 7700644710 7900000680 95536524 245390-0 0948.36	43,9x8,0x112,0	30	1
	Wrangler 2.0	90 →	1995 ccm	76-81 kW (103-110 PS)		EX	PCHR011	7701460143 7701460148 7700701645 7700732119 7700644709 7700733512 95536523 0949.38	38,6x8,0x111,4	45	1
						EX	PCHR012	7900000681 7910245802 7910246494 245802-4 0949.30 0949.32	37,0x8,0x111,4	45	1


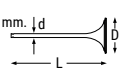




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CHRYSLER BENZYNA											
ENG. ECN	Sebring (JS) 2.0 VVT	07/07 - 12/10	1998 ccm	115 kW (156 PS)	4	IN	PCHR019	22211-2G000	35,0x5,5x113,3	45	1
ENG. ED3	Sebring (JS) 2.4 VVT	07/07 - 12/10	2360 ccm	125 kW (170 PS)	4	EX	PCHR020	KK05047068AB	29,0x5,5x106,0	45	1
	SebringConvertible (JS) 2.4 VVT	07/07 - 12/10									



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CHRYSLER DIESEL											
ENG. 425CHIE/CHIEA ENG. HR92.4SHI ENG. VM	Voyager 2.5 TD	91 →	2499 ccm		92 / 4	IN	PCHR001	V94DD6507AA 60507189 116760330001 20360026 20360026A 2036019 04720146 AEU2296 AEU2296L	40,0x8,0x121,0	35	1
	Voyager 2.5 TD	91-92	2499 ccm		92 / 4	EX	PCHR002	V94DD6505AA 60504864 60540864 195590330100 116760330101 2037018 04720148 LGH10041 RTC4116	34,0x8,0x121,0	45	1
ENG. OM 664	PT Cruiser 2.2 CRD 16V	02 →	2151 ccm	89 kW (121 PS)	88 / 4	IN	PCHR008	6110530101 6110530401 05073735AA	30,2x7,0x104,0	45	1
						EX	PCHR009	6110530105 6110500127 05073738AA	28,3x7,0x104,4	45	1
ENG. J8S 708, J8S 890	Cherokee 2.1 TD	1/88-11/01	2068 ccm	63-65 kW (86-88 PS)	86 / 4	IN	PCHR013	7700663545 7701461338	40,3x8,0x111,6	45	1
ENG. J8S 800	Jeep CJ-7 2.1 TD	1/88-12/98	2068 ccm	44 kW (60 PS)	86 / 4			7700692312 7701462232			
ENG. J8S 814	Cherokee 2.1 TD Comanche 2.1 TD Wagoneer 2.1 TD XJ 2.1 TD	4/84-8/95 1/88-12/98 1/88-12/94 4/84-12/87	2068 ccm	63-65 kW (86-88 PS)	86 / 4			EX			


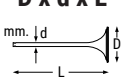




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CHRYSLER DIESEL											
ENG. ECD	Sebring 2.0 CRD 16V	07 →	1968 ccm		81 / 4	IN	PCHR015	03G109601B MN980080 68001582AA	29,2x6,0x87,8	45	9
						EX	PCHR016	03G109611D MN980081 68001583AA	25,5x6,0x87,5	45	9
ENG. OM 642.910	300 C 3.0 CRD 12V	10/05 →	2987 ccm	160-165 kW (218-224 PS)	83 / 6	IN	PCHR017	6420530401 MN960088 05175396AA	28,6x6,0x102,2	45	9
						EX	PCHR018	6420500527 MN960089 05175397AA	25,4x6,0x102,2	45	9


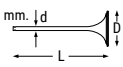




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN BENZYNA											
ENG. HAZ	AX 1.1	10/86-12/89	1124 ccm	1124 ccm	72 / 4	IN	PCIT001	97531080	36,7x7,0x112,8	30	1
ENG. HDY, HDZ	AX 1.1i	10/89-6/98	1124 ccm	40-44 kW (54-60 PS)	72 / 4	IN	PCIT049	97533266	36,7x7,0x112,7	45	1
	Berlingo 1.1i	7/96-11/02						9627835680			
	C 15 1.1i	6/89-12/96						0948.58			
	Saxo 1.1i	2/96-9/03						0948.91			
	ZX 1.1i	3/91-6/97						96278356			
ENG. HFX	Berlingo 1.1i	6/00 →	1124 ccm	44 kW (60 PS)	72 / 2	EX	PCIT002	97531044	29,2x7,0x112,6	45	1
	C2 1.1i	9/03 →						97533264			
	C3 1.1i	1/02-8/05						9753104480			
	C3 II 1.1i	11/09 →						0949.59			
	Saxo 1.1i	2/96-9/03									
ENG. H1A	AX 1.1	10/86-5/92	1124 ccm	40-44 kW (54-60 PS)	72 / 4						
	BX 1.1	6/88-6/91									
	C 15 1.1	7/88-12/96									
	ZX 1.1	3/91-8/96									
ENG. H1B	AX 1.1	10/86-5/92	1124 ccm	40-44 kW (54-60 PS)	72 / 4						
	ZX 1.1	3/91-8/96									
ENG. KAY	AX 1.4	3/87-12/89	1361 ccm	44 kW (60 PS)	75 / 4						
ENG. KAZ	BX 1.4	5/86-6/88	1361 ccm	44-55 kW (60-75 PS)	75 / 4						
	C 15 1.4	7/86-7/87									
	Visa 1.4	7/82-3/91									
ENG. KDX	AX 1.4i	1/93-12/96	1361 ccm	55 kW (75 PS)	75 / 4						
	ZX 1.4i	3/91-8/96									
ENG. KFX	Berlingo 1.4i	7/96-11/02	1361 ccm	54-55 kW (73-75 PS)	75 / 4						
	C3 1.4i	1/02 →									
	Nemo 1.4i	2/08 →									
	Saxo 1.4i	2/96-9/03									
	Xsara 1.4i	7/97-8/00									
ZX 1.4i	6/96-10/97										


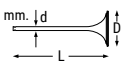




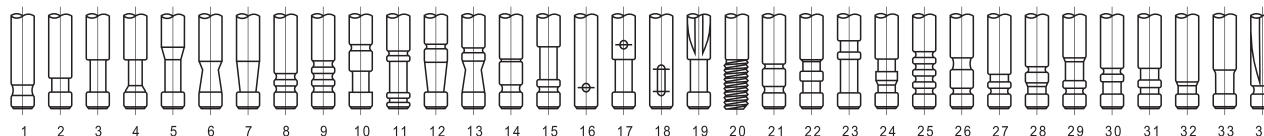
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN BENZYNA											
	LNA 4 CV	84 →	954 ccm		70 / 4	IN	PCIT003	7701459824	36,8x8,0x113,4	30	1
ENG. A-XY 6 C	C 15 E	84-87	1124 ccm	42 kW (57 PS)	70 / 4			7910010826			
	BX 11	82 →	1124 ccm	42 kW (57 PS)	72 / 4			7910025377			
	LNA 11 RE/RS 4/6 CV	83 →	1124 ccm	37 kW (50 PS)	72 / 4			7910025378			
ENG.109/5 F	Visa Super/Super E/L	78 →	1124 ccm	37 kW (50 PS)	72 / 4			91506846			
	BX 14 E/TRE	80 →	1361 ccm	41 kW (56 PS)	75 / 4			95551307			
	C15E	86-87						95563504			
	Visa Super X	80 →						0948.38			
ENG. 150 A/C/D/Y	Visa 14 TRS	84 →	1361 ccm	41 kW (56 PS)	75 / 4	EX	PCIT004	7701459825	29,3x8,0x113,6	45	1
ENG. 150 B	Visa GT/Chrono XT	81 →	1361 ccm	59 kW (80 PS)	75 / 4			7910006855			
								7910025379			
								7910025382			
								7910030808			
								91502062			
								95551308			
								95563505			
								0949.33			
								0949.42			
ENG. D6A, D6C	BX 1.9i 16V	7/87-12/92	1905 ccm	116 kW (158 PS)	83 / 4	IN	PCIT005	0948.61	34,6x7,0x106,4	45	9
ENG. DFW	BX 1.9i 16V	3/88-3/93	1905 ccm	108 kW (147 PS)	83 / 4			0948.75			
ENG. RFT, RFY	Xantia 2.0i 16V	3/93-12/98	1998 ccm	110-114 kW (150-155 PS)	86 / 4			96172597			
	ZX 2.0i 16V	7/92-10/97						91540748			
ENG. RFV	Evasion 2.0i 16V	5/98-4/00	1998 ccm	97-100 kW (132-136 PS)	83 / 4	EX	PCIT006	0949.62	29,6x7,0x105,8	45	9
	Xantia 2.0i 16V	7/94-10/00						0949.81			
	XM 2.0i 16V	3/97-6/97						96172795			
	Xara 2.0i 16V	7/97-8/00						91540782			
ENG. LFY, XU 7JP4	Xantia 1.8i 16V	95 →	1761 ccm	82 kW (110 PS)	83 / 4						
	Xara 1.8i 16V	96 →									
	Xara Picasso 1.8i 16V	12/99 →									
	ZX 1.8i 16V	1/96 →									


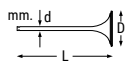




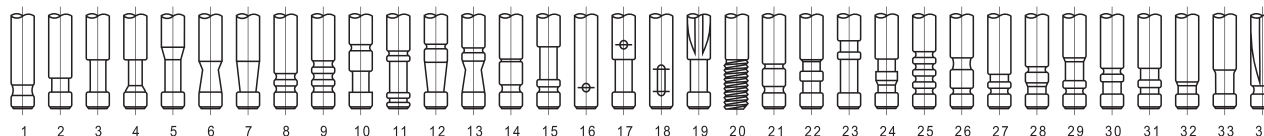
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN BENZYNA											
ENG. R2A, RDZ	ENG. R2A, RDZ	5/89-6/94	1998 ccm	79-85 kW (108-116 PS)	86 / 4	IN	PCIT007	96059361	42,6x8,0x108,8	45	9
ENG. RGX	Evasion 2.0i Turbo	6/94-7/02	1998 ccm	108-114 kW (147-155 PS)	86 / 4	EX	PCIT008	9605936180	34,5x8,0x108,4	45	9
	Xantia 2.0i Turbo	3/93-12/98						0948.66			
	XM 2.0i Turbo	5/95-10/00						96147032			
ENG. R5B	Jumper 2.0	2/94-2/02	1998 ccm	79 kW (107 PS)	86 / 4			96059362			
ENG. R6D	Evasion 2.0i	6/94-7/02	1998 ccm	89-92 kW (121-125 PS)	86 / 4		96117828				
	Jumper 2.0i	2/94-2/02					9614703280				
	Xantia 2.0i	3/93-1/98					9611782880				
	ZX 2.0i	7/93-10/97					0949.66				
ENG. XU 102C, XU 10J2, XU 10J2Z	XM Ambiance, Harmonie	89 →	1998 ccm	1998 ccm	86 / 4			0949.72			
ENG. XU 10J2C, XU 10J2TE	XM 2.0i Turbo	92-00	1998 ccm	90 kW (123 PS)							
	Xantia SX, VSX 2.0i /Turbo	93 →									
	Evasion X, SX 2.0i /Turbo	94 →									
	Jumper/Combi	94 →									
	ZX Volcane 2.0i	92-97									


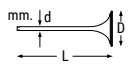




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN BENZYNA											
ENG. J6TA 500	CX 2.2	7/85-12/92	2165 ccm	83-85 kW (113-115 PS)	88 / 4	IN	PCIT009	7701460147	43,9x8,0x112,0	30	1
ENG. 829 A 5	CX 2000 CX 2.0	7/79-6/82 7/82-12/92	1995 ccm	75-78 kW (102-106 PS)	88 / 4	EX	PCIT010	7700635409 7700644710 7900000680 95536524 245390-0 0948.36 7701460143 7701460148 7700701645 7700732119 7700644709 7700733512 95536523 0949.38	38,6x8,0x111,4	45	1
ENG. BDZ, B2C	BX 1.6/1.6i	3/87-12/94	1580 ccm	65-69 kW (88-94 PS)	83 / 4	IN	PCIT016	0948.56	41,6x8,0x108,8	45	1
ENG. B4A	205 1.6i ZX 1.6i	7/96-9/97 3/91-12/94	1580 ccm	66 kW (90 PS)	83 / 4	EX	PCIT017	0948.87 91535017 91537468 9153501780	34,5x8,0x108,4	45	1
ENG. B6D	BX 1.6i Visa 1.6i	9/87-2/93 1/85-3/91	1580 ccm	83-85 kW (113-115 PS)	83 / 4	EX	PCIT017	0949.57 91535019 91537470 9153501980	34,5x8,0x108,4	45	1
ENG. DDZ, XU 9M	BX 1.9i	6/88-12/94	1905 ccm	80 kW (109 PS)	83 / 4	EX	PCIT017	0949.57 91535019 91537470 9153501980	34,5x8,0x108,4	45	1
ENG. DFY, DKZ	BX 1.9i ZX 1.9i/1.9i 16V	6/88-3/93 3/91-10/97	1905 ccm	88-90 kW (120-122 PS)	83 / 4	EX	PCIT017	0949.57 91535019 91537470 9153501980	34,5x8,0x108,4	45	1
ENG. D2A, D2C	BX 1.9	7/86-12/93	1905 ccm	70-75 kW (95-102 PS)	83 / 4	EX	PCIT017	0949.57 91535019 91537470 9153501980	34,5x8,0x108,4	45	1


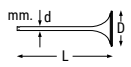




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
CITROEN BENZYNA																
ENG. D2E, D2F	BX 1.9	7/86-4/91	1905 ccm	78-79 kW (106-107 PS)	83 / 4	IN	PCIT016	0948.56	41,6x8,0x108,8	45	1					
ENG. D6E	BX 1.9i ZX 1.9i	9/86-2/93 3/91-10/97	1905 ccm	93-96 kW (126-131 PS)	83 / 4	EX	PCIT017	0948.87 91535017 91537468 9153501780	34,5x8,0x108,4	45	1					
ENG. LFW	Evasion 1.8i	9/96-7/02	1761 ccm	72 kW (98 PS)	83 / 4											
ENG. LFX	Berlingo 1.8i Xantia 1.8i Xsara 1.8i	3/97-11/02 4/97-12/01 7/97-8/00	1761 ccm	66 kW (90 PS)	83 / 4											
ENG. LFZ	Evasion 1.8i Xantia 1.8i Xsara 1.8i ZX 1.8i	9/96-7/02 3/93-1/98 7/97-8/00 7/92-10/97	1761 ccm	74-76 kW (101-103 PS)	83 / 4											
ENG. XU 5M	ZX 1.6i	3/91-12/94	1581 ccm	65 kW (88 PS)	83 / 4											
ENG. XU 5M	ZX 1.6i	3/91-12/94	1581 ccm	65 kW (88 PS)	83 / 4											
ENG. XU 52C (65 kW)	BX 1.6i	7/86-10/89	1581 ccm	65-68 kW (88-92 PS)	83 / 4											
ENG. XU 10J2U	Jumper 2.0i	94 →	1998 ccm	80 kW (109 PS)	86 / 4											
ENG. 159A (XU 9S)	BX 19 TRI	84-86	1905 ccm	75 kW (102 PS)	83 / 4			IN				PCIT018	91518971 0948.54	39,5x8,0x105,2	45	1
								EX				PCIT019	91518972 0949.54	33,0x8,0x105,2	45	1
ENG. XM 7T	C 25 1.8	81 →	1796 ccm	55-60 kW (75-82 PS)	84 / 4	IN	PCIT020	0948.33	42,6x8,0x118,6	30	1					
ENG. XN 1T	C 25 2.0	81 →	1971 ccm	58-60 kW (79-82 PS)	88 / 4	EX	PCIT021	0948.55 0948.29 0948.34 91510548 7910029730 9603170980 9151054880	35,5x8,0x112,2	45	1					


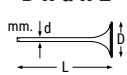




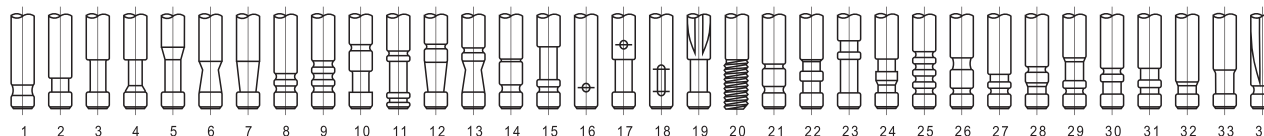
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN BENZYNA											
ENG. NFX (TU5J4)	Saxo 1.6i VTS 16V	96 →	1587 ccm	87 kW (118 PS)	78,5 / 4	IN	PCIT022	96254648	28,8x6,0x104,4	45	1
						EX	PCIT023	0948.83 96254645 0949.89	24,5x6,0x104,4	45	1
ENG. CDY, CDZ	AX 1.0i Saxo 1.0i	7/92-12/98	954 ccm	33-37 kW (45-50 PS)	70 / 4	IN	PCIT024	97531079	34,7x7,0x112,8	30	1
		2/96-9/03				EX	PCIT025	0948.57 97531046 0949.58	27,7x7,0x112,6	45	1
ENG. C1A	AX 1.0 C 15 1.0	10/86-6/92 7/88-12/97	954 ccm	32-34 kW (44-46 PS)	70 / 4	EX	PCIT025	97531046 0949.58	27,7x7,0x112,6	45	1
ENG. 108 C	C 15 1.0 LNA 1.0 Visa 1.0	11/86-7/88	954 ccm	30-32 kW (41-44 PS)	70 / 4	IN	PCIT024	97531079	34,7x7,0x112,8	30	1
		7/82-4/85 2/84-3/91				EX	PCIT025	0948.57 97531046 0949.58	27,7x7,0x112,6	45	1
ENG. TU 9M	A10 E, 10RE Audace, Escape	93 →	954 ccm	33-37 kW (45-50 PS)	70 / 4	IN	PCIT024	97531079	34,7x7,0x112,8	30	1
		86 →				EX	PCIT025	0948.57 97531046 0949.58	27,7x7,0x112,6	45	1
ENG. NFU (TU5 JP4)	Berlingo 1.6i 16V C2 1.6i 16V C3 1.6i 16V C4 1.6i 16V Xara 1.6i 16V Xara Picasso 1.6i 16V	00 →	1587 ccm	80 kW (109 PS)	78,5 / 4	IN	PCIT026	0948.A9	31,2x6,0x103,8	45	1
		03 →				EX	PCIT027	0948.E0 9636298080	24,5x6,0x104,4	45	1
		03 →						0949.A8			
		04 →						0949.C5			
		00 →						9639417980			
		00 →									
ENG. LFY (XU 7JP4)	Xantia 1.8i 16V Xara 1.8i 16V Xara Picasso 1.8i 16V ZX 1.8i 16	6/95-12/01	1761 ccm	82 kW (111 PS)	83 / 4	IN	PCIT028	9628943380	34,6x6,0x106,4	45	1
		7/97-8/00				EX	PCIT029	96289433 0948.86 0948.92	29,6x6,0x105,8	45	1
		12/99 →						0949.92 0949.A6			
		1/96-2/98						96298611			
ENG. RFV (XU 10J4R)	Evasion 2.0 16V Xantia 2.0i 16V XM 2.0i 16V Xara 2.0i 16V ZX 2.0i 16V	5/98-4/00	1998 ccm	97-99 kW (132-135 PS)	86 / 4	EX	PCIT029	9629861180	29,6x6,0x105,8	45	1
		6/95-4/03						0949.92 0949.A6			
		5/94-10/00						96298611			
		7/98-9/00									
		96 →									


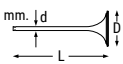




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN BENZYNA											
ENG. RFJ	C4 2.0i 16V	11/04 →	1997 ccm	103 kW (140 PS)	85 / 4	IN	PCIT030	9623950380	33,3x6,0x106,2	45	1
	C4 Picasso 2.0i 16V	10/06 →						0948.99			
	C4 Grand Picasso 2.0i 16V	10/06 →	1997 ccm	103 kW (140 PS)	85 / 4	EX	PCIT031	9636001780	29,0x6,0x103,6	45	1
	C5 2.0i 16V Jumpy 2.0i 16V	10/04 → 1/07 →						0949.99			
ENG. RFN (EW10 J4), EW10 A	C4 2.0i 16V	11/04 →	1997 ccm	103 kW (140 PS)	85 / 4						
	C5 2.0i 16V	3/01 →									
	C8 2.0i 16V	6/02 →									
	Evasion 2.0i 16V	4/00-7/02									
	Jumpy 2.0i 16V	4/00 →									
	Xara 2.0i 16V Xara Picasso 2.0i 16V	9/00 → 3/01 →									
ENG. KfV	C2 1.4i	9/03 →	1361 ccm	54 kW (73 PS)	75 / 4	IN	PCIT036	96183535	39,4x7,0x111,7	30	9
	C3 1.4i	1/02-8/05						96101886			
ENG. KfW	C3 Pluriel 1.4i	5/03 →	1361 ccm	55 kW (75 PS)	75 / 4	EX	PCIT037	0948.73	31,3x7,0x111,5	45	9
	Berlingo 1.4i	6/00 →						0948.65			
	Saxo 1.4i Xara 1.4i	2/96-9/03 9/00 →						96096852			
ENG. TU 5JP	Saxo 1.6i	96 →	1587 ccm	65-74 kW (88-101 PS)	78,5 / 4			96101887			
	Xsara/Xsara Picasso 1.6i	97 →						0949.70			
ENG. TU 3FJ2	AX XSi/GTi; AX Allure	91 →	1361 ccm	69 kW (94 PS)	75 / 4						
ENG. TU 5JP	Saxo 1.6i	2/96-9/03	1587 ccm	66 kW (90 PS)	78 / 5	IN	PCIT040	0948.93	39,3x7,0x111,7	45	9
	Xara 1.6i	7/97-8/00						96096852			
	Xsara Picasso 1.6i	12/99 →						96101887			
	ZX 1.6i	2/96-10/97						0949.70			
EN G. RFS, XU 10J4RS	Xsara 2.0i 16V	7/97-8/00	1998 ccm	120-123 kW (163-167 PS)	86 / 4	IN	PCIT041	0948.82	34,1x6,0x106,4	45	1
	ZX 2.0i 16V	9/96-10/97						96246139			
						EX	PCIT042	0949.87	30,7x6,0x105,3	45	1
								96203976			


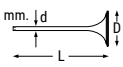




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 			
CITROEN BENZYNA														
EN G. D2A, XU 92C	BX 19 BX Break 19	7/86-5/89 7/86-12/94	1905 ccm	75-77 kW (102-105 PS)	83 / 4	IN	PCIT047	91537489 0948.62 0948.71	41,6x8,0x105,2	45	1			
						EX	PCIT048	91537491 0949.78 0949.63				34,5x8,0x104,8	45	1
ENG. 220 A2.000	Jumpy 1.6	95 →	1581 ccm	58 kW (79 PS)	86,4 / 4	IN	PCIT050	7617500 96700315	39,5x8,0x108,5	45	1			
						EX	PCIT051	4315062 5973128 4239918 4314869 4190307 4286929				31,0x8,0x109,0	45	1
	Ami Super	73 →	1015 ccm		74 / 4	IN	PCIT052	GX0121401-A 5457480K	39,0x8,0x97,5	30	9			
	Axel 11 R GSA 6 CV-GS-Break- -Speciale	77 →	1129 ccm		74 / 4	EX	PCIT053	GX0121601-A 5457481W				34,0x8,5x96,4	45	9
	GS 1200-GS 1220-Break	72-80	1222 ccm		77 / 4									
ENG. 28, 602	Ami 6/8 2CV 6 Special/Club Acadiane	68-79 68 → 68 →			74 / 2	IN	PCIT054	AM124-7E 5-421996 5457475	40,0x8,0x88,5	30	9			
ENG. R 06/627	LN	76 →	602 ccm	24 kW (32 PS)	74 / 2	EX	PCIT055	AM124-8D 5457476				34,0x8,5x87,0	45	9
ENG. AYB	Dyane 6 Mehari 4x2/4x4/Azur	68 → 68 →	602 ccm	19 kW (26 PS)	74 / 2									


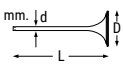







Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN BENZYNA											
	CX 2000 CX 2000 Break/Confort CX 2000 Pallas/Super Cx 20 RE/TRE	74 → 74 → 7/82 →	1995 ccm	75 kW (102 PS)	86 / 4	IN	PCIT056	DX124-7A 95562253 5467121 5422630	49,0x8,0x116,4	30	9
ENG. M20/616	C 35	79 →	1995 ccm	75 kW (102 PS)	86 / 4	EX	PCIT057	DX124-8 95562254 5411684	39,0x9,0x104,2	45	9
ENG. M350/370/450	DS 21/Break/Pallas	69 →	2175 ccm	74-89 kW (100-120 PS)	90 / 4						
ENG. M22/621	CX 2200 Break/Confort CX 2200 Pallas/Super	75 →	2175 ccm	89 kW (120 PS)	90 / 4						
ENG. M23/623	DS 23/23 Inj.	72-75	2347 ccm	85-100 kW (115-130 PS)	93,5 / 4						
ENG. M23/622	CX 2400 Break/Familiane CX 2400 Pallas/Super	76 →	2347 ccm	85 kW (115 PS)	93,5 / 4						
ENG. M23/658	CX 2400 Prestige/GTi	76 →	2347 ccm	94 kW (128 PS)	93,5 / 4						
ENG. AYA 2	Dyane 4 Dyane 4 2CV, Special	68-75 75 →	435 ccm	18 kW (24 PS)	68,5 / 2	IN	PCIT058	5435070Y 5457490	39,0x8,0x89,8	30	9
ENG. A79-1	2CV ALZ4	70 →	435 ccm	18 kW (24 PS)	68,5 / 2	EX	PCIT059	5435075 5435075C 5457491	34,0x8,5x88,5	45	9
ENG. EW7J	C4 Picasso 1.8i 16V C4 Grand Picasso 1.8i 16V C5 1.8i 16V	10/06 → 10/06 → 11/05 →	1749 ccm	92 kW (125 PS)	82,7 / 4	IN EX	PCIT068 PCIT069	0948.A4 0949.A4	29,8x6,0x106,0 27,2x6,0x104,2	45 45	1 1
ENG. EW7A	C5 1.8i 16V	2/08 →	1749 ccm	85 kW (116 PS)	82,7 / 4						
ENG. LFY	Xantia 1.8i 16V Xara 1.8i 16V Xara Picasso 1.8i 16V ZX 1.8i 16V	6/95-12/01 7/97-8/00 12/99 → 1/96-2/98	1761 ccm	82 kW (111 PS)	82,7 / 4						
EN G. 6 FZ	C5 1.8i 16V Xara Picasso 1.8i 16V	3/01 → 1/00 →	1761 ccm	86 kW (117 PS)	82,7 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN BENZYNA											
ENG. RFK	C4 2.0i 16V	11/04 →	1997 ccm	130 kW (177 PS)	85 / 4	IN	PCIT070	0948.A7	32,4x6,0x105,0	45	1
ENG. RLZ, EW10J4	C5 2.0 HPI 16V	3/01-9/04	1997 ccm	100-105 kW (136-143 PS)	85 / 4	EX	PCIT071	0948.C6 0949.A7 0949.C2	29,2x6,0x102,6	45	1
ENG. XFX (ES9 J4S)	C5 3.0i 24V	3/01-9/04	2946 ccm	150 kW (204 PS)	87 / 6	IN	PCIT074	0948.A5	35,0x6,0x108,4	45	1
ENG. XFW	C8 3.0i 24V	10/02 →	2946 ccm	155 kW (211 PS)	87 / 6	EX	PCIT075	9630441380 0949.A5 9640181380	30,5x6,0x106,9	45	1
ENG. ET3J4 (KFU)	Citroën C2 (Jm_) 1.4 16V		1360 ccm	65 kW (90 PS)	4/75	IN	PCIT093	0948.C8	28,2x5,5x100,7	45	9
	Citroën C3 I (Fc_, Fn_) 1.4 16V					EX	PCIT094	0949.C4	24,4x5,5x101,0	45	9
	Citroën C4 I (Lc_) 1.4 16V										
	Citroën C4 Coupe (La_) 1.4 16V										
ENG. EP6CDT (5FN)	Citroën C5 III (RD_) 1.6 THP 150	07/10 →	1598 ccm	110 kW (150 PS)		IN	PCIT097	0948.E8	28,8x5,0x105,8	45	9
	Citroën C5 III Break (RW_) 1.6 THP 150	04/09 →				EX	PCIT098	0949.E2	26,0x5,0x110,1	45	9
	Citroën DS3 kabriolet 1.6 THP 150	01/13 - 07/15									


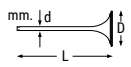




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 							
CITROEN BENZYNA																		
ENG. EP6CDT (5FV)	Citroën C4 II (B7) 1.6 Thp 155	11/09 →	1598 ccm	115 kW (156 PS)					28,8x5,0x105,8	45	9							
	Citroën C4 Picasso I nadwozie wielkopojemne (MPV) (UD_) 1.6 THP 155	09/10 - 08/13																
	Citroën C4 Picasso II 1.6 THP 155	02/13 →																
	Citroën C4 Grand Picasso I (UA_) 1.6 THP 155	09/10 - 08/13																
	Citroën C4 Grand Picasso II 1.6 THP 155	09/13 →																
	Citroën C5 III (RD_) 1.6 THP 155	04/09 →																
	Citroën C5 III Break (RW_) 1.6 THP 155	04/09 →																
	Citroën DS3 kabriolet 1.6 THP 155	01/13 - 07/15																
	Citroën DS4 1.6 THP 155	04/11 - 07/15																
	Citroën DS5 1.6 THP 155	11/11 - 07/15																
ENG. EP6CDTX (5FU)	Citroën DS3 1.6 Racing	02/11 - 07/15	1598 ccm	147 kW (200 PS)														
ENG. EP6DT (5FR)	Citroën DS3 1.6 THP 155	04/10 - 07/15	1598 ccm	115 kW (156 PS)														



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm.	Kąt przyłgni 	Typ zamka 			
CITROEN DIESEL														
ENG. AJZ (XUD7TEY), A8A	BX 1.8 TD	2/98-12/94	1769 ccm	66 kW (90 PS)	80 / 4	IN	PCIT011	93510415	38,5x8,0x112,4	45	1			
ENG. WJZ Euro 2, WJC Euro 2	Berlingo 1.9 D Jumpy 1.9 D Xara 1.9 D	7/98-11/02 10/98 → 4/98-8/00	1868 ccm	51-52 kW (69-71 PS)	82,2 / 4			96005391 LGH10051 LGH10053						
ENG. DW8 TD	Berlingo 1.9 TD Jumpy 1.9 TD	9/98 → 9/98 →	1868 ccm	66-68 kW (90-92 PS)	82,2 / 4			0948.59 0948.63						
ENG. WJY Euro 2	Berlingo 1.9 D C 15 1.9 D Jumpy 1.9 D Xara 1.9 D	7/98-6/03 12/00-12/05 9/01-6/03 9/00 →	1868 ccm	44-52 kW (60-71 PS)	82,2 / 4			9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000						
ENG. D9B (XUD9A)	Berlingo 1.9 D BX 1.9 D C 25 1.9 D Jumper 1.9 D Jumpy 1.9 D Xantia 1.9 D ZX 1.9 D	7/96-11/02 9/83-12/94 7/87-3/94 2/94-2/02 10/95 → 7/93-1/98 3/91-10/97	1905 ccm	51 kW (70 PS)	83 / 4	EX	PCIT012	50054982 93510773 93510774 93501280 93501072 95501280 96005392				33,0x8,0x111,9	45	1
ENG. DHY (XUD9TEY), DHV	BX 1.9 TD Evasion 1.9 TD Jumper 1.9 TD Xantia 1.9 TD Xara 1.9 TD ZX 1.9 TD	3/88-12/94 10/94-7/02 8/97-2/02 7/93-1/98 7/97-8/00 7/92-10/97	1905 ccm	66-68 kW (90-92 PS)	83 / 4			96272853 0949.47 0949.59 0949.60 0949.64 0949.74						
ENG. DHW	Xantia 1.9 TD Xara 1.9 TD	9/96-12/01 1/98-8/00	1905 ccm	55 kW (75 PS)	83 / 4			0949.74						
ENG. D8A	Xara 1.9 TD ZX 1.9 TD	7/97-8/00 7/92-10/97	1905 ccm	66-68 kW (90-92 PS)	83 / 4			LGH10052 LGH10054 LGH10075						
ENG. DHX, D8B, D8C	Evasion 1.9 TD Jumper 1.9 TD Jumpy 1.9 TD Xantia 1.9 TD	10/94-7/02 2/94-2/02 10/95 → 7/93-12/01	1905 ccm	66-68 kW (90-92 PS)	83 / 4			9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392						


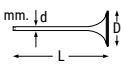




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN DIESEL											
ENG. 161 A, A9A (XUD7)	Berlingo 1.8 D	7/96-11/02	1769 ccm	44 kW (60 PS)	80 / 4	IN	PCIT013	0948.46	38,0x8,0x112,4	30	1
	BX 1.8 D	7/85-9/93						93501279			
ENG. D9A, 162 (XUD9)	C 15 1.8 D	7/86-12/97	1905 ccm	47-48 kW (64-65 PS)	83 / 4	IN	PCIT011	93501070	38,5x8,0x112,4	45	1
	Visa 1.8 D	4/84-3/91						93510415			
	Xara 1.8 D	7/97-8/00						96005391			
	ZX 1.8 D	3/91-10/97						LGH10051			
	BX 1.9 D	9/83-12/94						LGH10053			
ENG. DJY (XUD9AY)	Berlingo 1.9 D	7/96-11/02	1905 ccm	50-52 kW (68-71 PS)	83 / 4	EX	PCIT012	0948.59	33,0x8,0x111,9	45	1
ENG. DJZ (XUD9Y)	BX 1.9 D	3/87-2/93						0948.63			
	Jumper 1.9 D	1/99-2/02						9601136380			
	Xantia 1.9 D	5/94-1/98						9630597380			
	Xara 1.9 D	7/97-8/00						12911-86CA0			
ZX 1.9 D	5/94-10/97	12911-66G00	12832-66G00								
								22211-29000			
								50054982			
								93510773			
								93510774			
								93501280			
								93501072			
								95501280			
								96005392			
								96272853			
								0949.47			
								0949.59			
								0949.60			
								0949.64			
								0949.74			
								LGH10052			
								LGH10054			
								LGH10075			
								9613736280			
								9751669380			
								12915-86CA0			
								12915-66G00			
								22212-29000			
								50060609			
								6005392			



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm.	Kąt przyłgni 	Typ zamka
CITROEN DIESEL											
ENG. THZ (DJ5 T), T8A	Jumper 2.5 TD	2/94-2/02	2446 ccm	76 kW (103 PS)	92 / 4	IN	PCIT014	96095457	36,9x7,0x127,9	45	9
ENG. DJ5 TED	Jumper 2.5 TDi	96-02	2446 ccm	76-79 kW (103-107 PS)	92 / 4	EX	PCIT015	97327262	36,9x7,0x127,5	45	9
ENG. T9A (DJ5)	Jumper 2.5 D 12V	2/94-2/02	2446 ccm	63 kW (86 PS)	92 / 4			96304239			
ENG. DK5-ATE	XM 2.5 TD 12V VSX	95 →	2446 ccm	94-96 kW (128-130 PS)	92 / 4			96096146 0949.79			
ENG. 8 HT	C1 1.4 HDi	6/05 →	1398 ccm	40 kW (54 PS)	73,7 / 4	IN	PCIT032	1145933	32,8x5,5x97,5	45	9
ENG. 8 HX, 8 HZ	C2/C3 1.4 HDi C3 Pluriel 1.4 HDi C3 II 1.4 HDi Nemo 1.4 HDi Xsara 1.4 Hdi	1/02 → 10/03 → 11/09 → 2/08 → 1/03 →	1398 ccm	50 kW (68 PS)	73,7 / 4	EX	PCIT033	1152191 0948.C2 Y401-12-111 SU00100551 1145932 1152190 1202362 0949.B1 Y401-12-121 SU00100552	30,2x5,5x97,5	45	9
ENG. K9A (TUD 3)	AX 1.4 D	9/88-6/92			75 / 4	IN	PCIT034	95638449	35,5x7,0x108,4	45	1
ENG. K9Y (TUD 3Y)	AX/ZX 1.4 D	8/91-12/97	1361 ccm	37-39 kW (50-53 PS)	75 / 4	EX	PCIT035	96012815 0948.69 95638450 96012816 0949.71	30,6x7,0x108,2	45	1
ENG. RHV	Jumper 2.0 HDi	3/01 →	1997 ccm	63-68 kW (86-92 PS)	85 / 4	IN	PCIT038	0948.95	35,6x6,0x107,1	45	9
ENG. RHY (DW10 TD)	Berlingo/Jumpy 2.0 HDi C5 2.0 HDi Xantia 2.0 HDi Xara/Xara Picasso 2.0 HDi	12/99 → 3/01-9/04 10/98-12/01 1/00 →	1997 ccm	66 kW (90 PS)	85 / 4	EX	PCIT039	9624774280 0949.96 9624774580	33,8x6,0x107,1	45	9

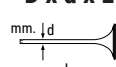




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN DIESEL											
ENG. RHZ (DW10 ATED), RHX	C5 2.0 HDi	3/01-9/04	1997 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PCIT038	0948.95	35,6x6,0x107,1	45	9
	Evasion/Jumper 2.0 HDi	9/98-7/02						9624774280			
	Jumpy 2.0 HDi	10/99 →						0949.96			
	Xantia 2.0 HDi	10/98-12/01									
Xara/Xara Picasso 2.0 HDi	12/99 →	9624774580									
ENG. RHS	C5 2.0 HDi	4/99 →	1997 ccm	79 kW (107 PS)	85 / 4	EX	PCIT039	0949.96	33,8x6,0x107,1	45	9
ENG. DW12TED	Jumper 2.2 HDi		2179 ccm		85 / 4						
ENG. P8C (XUD 11BTE)	Evasion 2.1 TD 12V	4/96-7/02				IN	PCIT043	0948.68	33,9x8,0x122,3	45	9
	Xantia 2.1 TD 12V	5/95-12/01						96008334			
	XM 2.1 TD 12V	7/94-10/00						96007817			
ENG. XUD 11ATE/BTE	XM 2.1 D/TD 12V	89 →	2088 ccm	80-81 kW (109-110 PS)	85 / 4	EX	PCIT044	9600781780	33,9x8,0x121,9	45	9
	Ambiance/Harmonie 2.1	89 →						0949.68			
D12 3V	ENG. XUD 11A	89 →	2138 ccm	60 kW (82 PS)	86 / 4			96079213 96042957 9604295780			
ENG. TUD 5	AX 1.5 D	8/94-12/97	1527 ccm	40-42 kW (54-57 PS)	77 / 4	IN	PCIT045	96150145	37,0x7,0x108,4	45	1
	Saxo 1.5 D	7/96-9/03						0948.74			
	Xara 1.5 D	7/97-8/00						0948.A8			
	ZX 1.5 D	9/96-10/97						13201-6F900			
						EX	PCIT046	96150144 0949.80 13202-6F900	31,5x7,0x108,2	45	1


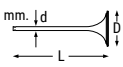




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm.	Kąt przyłgni 	Typ zamka
CITROEN DIESEL											
ENG. 9 HW (DV6TED4)	Berlingo 1.6 HDi 16V	9/05 →	1560 ccm	55 kW (75 PS)	75 / 4	IN	PCIT076	0948.C7	25,6x5,5x96,4	45	9
ENG. 9HX (DV6TED4)	Berlingo 1.6 HDi 16V	9/05 →	1560 ccm	66 kW (92 PS)	75 / 4	EX	PCIT077	1229882	23,4x5,5x96,6	45	9
	C3 1.6 HDi 16V	9/05 →						30711498			
	C3 Picasso 1.6 HDi 16V	11/08 →						9645024780			
	C4 1.6 HDi 16V	11/04 →						3M5Q6507AA			
	C5 1.6 HDi 16V	11/04 →						Y6011-2111			
	Jumpy 1.6 HDi 16V	1/07-5/08						11347805968			
	Xsara Picasso 1.6 HDi 16V	5/04 →				0949.C3					
ENG. 9 HY (DV6TED4), 9 HZ (DV6TED4)	Berlingo 1.6 HDi 16V	9/05 →	1560 ccm	80 kW (109 PS)	75 / 4	EX	PCIT077	1229883	23,4x5,5x96,6	45	9
	C2 1.6 HDi 16V							30711497			
	C3 1.6 HDi 16V	9/05 →						9640840080			
	C4 1.6 HDi 16V	11/04 →						3M5Q6505AA			
	C4 Picasso 1.6 HDi 16V	10/06 →						Y6011-2121			
	C4 Grand Picasso 1.6 HDi 16V	10/06 →						11347805969			
	C5 1.6 HDi 16V	10/04 →									
	Xsara Picasso 1.6 HDi 16V	5/04 →									
ENG. DV6UTED4 Euro 4	Jumpy 1.6 HDi 16V	5/08 →	1560 ccm	68 kW (92 PS)	75 / 4						
ENG. RHS, RHZ (DW10ATED)	C5 2.0 HDi	3/01-8/04	1997 ccm	79 kW (107 PS)	85 / 4	IN	PCIT078	9635317980	30,0x6,0x106,2	45	9
	C5 2.0 HDi Break	6/01-8/04						1231931			
ENG. RHW (DW10ATED4), RHM (DW10ATED4)	C8 2.0 Hdi	7/02 →	1997 ccm	79-80 kW (107-109 PS)	85 / 4	EX	PCIT079	0948.C0	25,0x6,0x106,2	45	9
	Evasion 2.0 HDi	3/00 →						9635318480			
	Jumpy 2.0 HDi 110	1/02 →						1231930			
	Jumpy 2.0 HDi 120						0949.A9				
ENG. RHK (DW10UTED4)	C8 2.0 HDi	2/07 →	1997 ccm	88 kW (120 PS)	85 / 4						
	Jumpy 2.0 HDi 120	1/07 →									


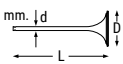




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
CITROEN DIESEL											
ENG. RHM	C8 2.0 HDi 16V	6/02 →	1997 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PCIT080	9627184380	30,0x6,0x105,0	45	9
ENG. 4 HW, 4 HX	C5 2.2 HDi 16V C8 2.2 HDi 16V	3/01 → 6/02 →	2179 ccm	94-100 kW (128-136 PS)	85 / 4			0948.A3 1231931			
ENG. 4 HY	Jumper 2.2 HDi 16V	2/02 →	2179 ccm	77 kW (105 PS)	85 / 4			3M5Q6507BA			
ENG. RHR (DW10BTED4)	Berlingo 2.0 HDi C4 2.0 HDi 16V C4 Picasso 2.0 HDi 16V C4 Grand Picasso 2.0 HDi 16V C5 2.0 HDi 16V C8 2.0 HDi 16V Jumpy 2.0 HDi 16V	11/04 → 10/06 → 10/06 → 9/04 → 3/06 → 1/07 →	1997 ccm	100 kW (136 PS)	85 / 4	EX	PCIT081	9634437580 0949.A3 1231930 3M5Q6505BA 8653744	25,0x6,0x105,0	45	9
ENG. DW12BTED4	C5 2.2 HDi 16V C6 2.2 HDi 16V C8 2.2 HDi 16V	2/06 → 6/06 →	2179 ccm	125 kW (170 PS)	85 / 4						
ENG. B 22/615	C 32 2.2 D C 35 2.2 D	9/73-12/79 11/73-12/79	2175 ccm	45 kW (62 PS)	90 / 4	IN	PCIT082	5478734 5478734G	42,0x8,0x121,5	45	9
ENG. M 22/621	CX 2.2 D	10/75-2/79	2175 ccm	49 kW (67 PS)	90 / 4			95569116			
ENG. B 25/637	C 35 2.5 D C 45 2.5 D	1/80-12/92 6/82-10/90	2499 ccm	50 kW (68 PS)	93 / 4			9555275080 5471746			
ENG. CRD 93 LS	C 25 2.5 TD	8/87-3/94	2499 ccm	70 kW (95 PS)	93 / 4			0948.45			
ENG. M 25/629	C 35 2.5 D CX 2.5 D	2/78-10/90 2/78-8/85	2499 ccm	55 kW (75 PS)	93 / 4	EX	PCIT083	5457479 9555275280	35,0x9,0x121,5	45	9
ENG. M 25/648	CX 2.5 TD	4/83-12/86	2499 ccm	88 kW (120 PS)	93 / 4			95569117			
ENG. M 25/660, U25/651	C 35 2.5 D CX 2.5 D C 25 2.5 D	2/78-10/90 7/82-12/92 7/81-3/94	2499 ccm	54-55 kW (73-75 PS)	93 / 4			5414239 0949.46			


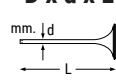




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN DIESEL											
ENG. DJ5 T	Jumper 2.5 TD	2/94-2/02	2446 ccm	76 kW (104 PS)	92 / 4	IN	PCIT084	96180328	41,0x7,0x115,6	45	9
ENG. DJ5 TED	Jumper 2.5 TDi	96-02	2446 ccm	76-79 kW (103-107 PS)	92 / 4	EX	PCIT085	0948.84 96267448 0949.90	37,7x7,0x115,4	45	9
ENG. 8140.43N.3585 Euro 3	Jumper 2.8 HDi	8/04 →	2798 ccm	108 kW (146 PS)	94,4 / 4	IN	PCIT086	4757358	41,0x8,0x120,8	30	1
ENG. 8140.43S.2585 Euro 3	Jumper 2.8 HDi	9/00 →	2798 ccm	92-94 kW (125-128 PS)	94,4 / 4	EX	PCIT087	7301820 504069200 7701030863 7701462678 7701463603 7701467250 0948.A2 99432837 5001836573 0949.A0	36,0x8,0x122,0	45	1
ENG. 280 A1.000	C25 1.9 TD	92/94	1929 ccm		82,6 / 4	IN	PCIT091	5990532 7547158	37,4x8,0 x116,8	45	1
						EX	PCIT092	60808694 5990533 7588577 60808695	33,5x8,0x117,0	45	1


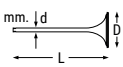




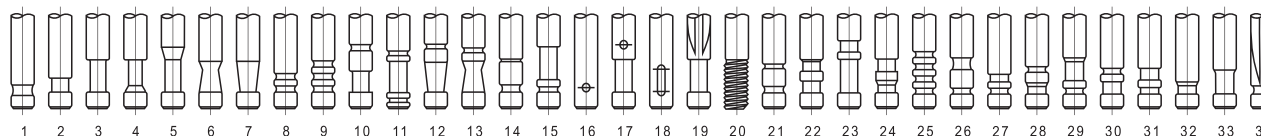
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
CITROEN DIESEL											
ENG. DV4C (8HR)	C3 II (SC_) 1.4 HDi 70 DS3 1.4 HDi 70	11/09 → 04/10 - 07/15	1398 ccm	50 kW (68 PS)	4	IN	PCIT091	5990532 7547158	37,4x8,0x116,8	45	1
ENG. DV6C (9HD)	C3 II (SC_) 1.6 HDi 115 C3 Picasso 1.6 HDi 115 C4 II (B7) 1.6 HDi 115 C4 AIRCROSS 1.6 HDi 115 DS3 1.6 HDi 115 DS4 1.6 HDi 115 DS5 1.6 HDi 115	09/12 → 01/13 → 07/12 → 04/12 → 07/15 → 07/15 → 07/15 →	1560 ccm	82 kW (112 PS)	4	EX	PCIT092	60808694 5990533 7588577 60808695	33,5x8,0x117,0	45	1
ENG. DV6C (9HL)	BERLINGO Furgon (B9) 1.6 HDi 115 C4 AIRCROSS 1.6 HDi 115 AWC	07/10 → 05/12 →	1560 ccm	82 kW (112 PS)	4						
ENG. DV6C (9HR)	Berlingo (B9) 1.6 HDi 110 Berlingo (B9) 1.6 HDi 115 Berlingo (B9) 1.6 HDi 115 4x4 Berlingo Furgon (B9) 1.6 HDi 110 C3 II (SC_) 1.6 HDi 110 C3 Picasso 1.6 HDi 110 C4 II (B7) 1.6 HDi 110 C4 Picasso I nadwozie wielkopojemne (MPV) (UD_) 1.6 HDi 110	07/10 → 07/10 → 02/12 → 07/10 → 11/09 → 05/10 → 11/09 → 09/10 - 08/13	1560 ccm	81 kW (110 PS)	4						

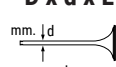




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
CUMMINS DIESEL												
ENG. 4B 3.9 C Euro 2 ENG. 4B 3.9 C Euro 2 ENG. 6B 5.9 C Euro 2 ENG. 6BT 5.9 Euro 2 ENG. 6BTA 5.9 Euro 2 ENG. 6BTAA 5.9 Euro 2		1/96 →	3900 ccm	55-60 kW (75-82 PS)	102 / 4	IN	PCUM001	3920867	45,0x8,0x129,1	30	26	
			3900 ccm	60-82 kW (82-111 PS)	102 / 4			3802355				
		1/96 →	5883 ccm	86-132 kW (115-177 PS)	102 / 6			3802005				
				5883 ccm	86-132 kW (115-177 PS)	102 / 6			3901117			
				5883 ccm	86-132 kW (115-177 PS)	102 / 6	EX	PCUM002	3920868	42,2x8,0x129,1	45	1
				5883 ccm	129 kW (173 PS)	102 / 6			3802356			
								3901607				
ENG. 6C 8.3 ENG. 6CT 8.3 Euro 2			8270 ccm	127-274 kW (172-372 PS)	114 / 6	IN	PCUM003	3802275	51,9x9,5x151,1	30	26	
			8270 ccm	127-274 kW (172-372 PS)	114 / 6			3802463				
								3924472				
								3924492				
						EX	PCUM004	3802085	45,7x9,5x151,1	45	1	
							3921444					
								3902254				
ENG. ISC 8.3L Euro 3			8270 ccm	238 kW (319 PS)	114 / 6	IN	PCUM015	3800340	38,0x8,0x137,8	30	1	
								3942588				
						EX	PCUM016	3800341	38,0x8,0x137,8	45	1	
							3942589					
ENG. ISB 135 Euro 3, ISB 150 Euro 3, ISB 170 Euro 3 ENG. ISB 220 Euro 3, ISB 250 Euro 3, ISB 275 Euro 3			3900 ccm	99-125 kW (135-170 PS)	102 / 4	IN	PCUM017	4895052	33,0x7,0x124,6	30	1	
								1404919				
								3802924				
				5883 ccm	136-202 kW (185-275 PS)	102 / 6			3940735	33,0x7,0x124,2	45	1
							EX	PCUM018	4895051			
								1404918				
								1409671				
								3802967				
								3940734				


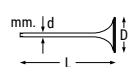




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
DACIA BENZYNA											
EN G. 810-02/-99	Dacia 1300 1.3 Dacia 1310 1.3	12/72-5/83 5/83 →	1289 ccm	40 kW (54 PS)	73 / 4	IN	PDAC001	7701458180 7701458186 3104401-9 5613194	33,4x7,0x89,9	45	1
						EX	PDAC002	7701458190 7700505115 7700560792 7701460256 3100519-2 560792E			
ENG. E7J 700	Solenza 1.4i Super Nova 1.4i	4/03 → 10/00-2/03	1390 ccm	55-59 kW (75-80 PS)	75,8 / 4	IN	PDAC003	7701465088 7700273371 7700273373 7700853390	37,5x7,0x107,8	30	1
ENG. K7J 710	Logan 1.4i Logan Express 1.4i Logan MCV 1.4i Logan Pick Up 1.4i Sandero 1.4i	7/04 → 3/09 → 3/06 → 1/09 → 5/08 →	1390 ccm	55 kW (75 PS)	79,5 / 4	EX	PDAC004	6001548030 8200243523 7701465090 7700865832 7700865934 7701468419 7701468149 6001548029 8200243524			
ENG. K7J 714	Logan 1.4i Sandero 1.4i	7/04 → 5/08 →	1390 ccm 1598 ccm	55 kW (75 PS)	79,5 / 4	EX	PDAC004	7701468419 7701468149 6001548029 8200243524	33,6x7,0x107,8	45	1
ENG. K7M 710	Logan 1.6i Sandero 1.6i	04 →			79,5 / 4						
ENG. D4F	Sandero 1.2 16V	08 →	1149 ccm		69 / 4	IN	PDAC005	7701472986 8200343407 13201-00QAJ	26,0x5,5x110,9	45	9
						EX	PDAC006	7701473004 8200343412 13202-00QAK			


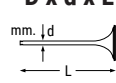




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
DACIA BENZYNA											
ENG. 810.99	1310 1.3	1/79-12-98	1289 ccm	36-44 kW (49-60 PS)	73 / 4	IN	PDAC001	7701458180 7701458186 3104401-9 5613194	33,4x7,0x89,9	45	1
						EX	PDAC009	7700638247 7701460690 7701461802 7701461214 3267437-6 3277694-7 3277695-7 3277813-6			
ENG. K4M 690	Duster 1.6i 16V Logan 1.6i 16V Logan MCV 1.6i 16V	4/10 → 12/05 → 1/06 →	1598 ccm	70-79 kW (95-107 PS)	79,5 / 4	IN	PDAC010	7701471378 7701472124 13201-00QAA	32,4x5,5x109,2	45	1
ENG. K4M 694	Logan 1.6i 16V Logan MCV 1.6i 16V	12/05 → 11/09 →				70 kW (95 PS)	EX	PDAC011			
ENG. K4M 697, K4M 698	Logan 1.6i 16V	12/05 →	1598 ccm	70-79 kW (95-107 PS)	79,5 / 4						

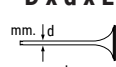




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
DACIA DIESEL											
ENG. K9K 790, K9K 794	Logan 1.5 dCi Sandero 1.5 dCi	6/05 → 1/09 →	1461 ccm	48-50 kW (65-68 PS)	76 / 4	IN	PDAC007	7701473184 7701476573	33,5x6,0x101,0	45	9
ENG. K9K 792	Logan 1.5 dCi Logan Express 1.5 dCi Logan MCV 1.5 dCi Logan Pick Up 1.5 dCi Sandero 1.5 dCi	6/05 → 3/09 → 1/06 → 3/08 → 1/09 →	1461 ccm	48-50 kW (65-68 PS)	76 / 4	EX	PDAC008	13201-BN700 13201-00QAN 7701473183 7701476572 13202-BN700 13202-00QAP	29,0x6,0x100,7	45	9
ENG. K9K 796	Duster 1.5 dCi Logan 1.5 dCi Logan Express 1.5 dCi Logan MCV 1.5 dCi Logan Pick Up 1.5 dCi Sandero 1.5 dCi	4/10 → 9/07 → 3/09 → 9/07 → 3/08 → 1/09 →	1461 ccm	63 kW (86 PS)	76 / 4						
ENG. F8Q 600, F8Q 636, F8Q 630	Solenza 1.9 D	ENG. 6/03 →	1870 ccm	44-48 kW (60-65 PS)	80 / 4	IN	PDAC012	7701471704 7701469369 30852144 M852144 M889130 3345515 101778	35,0x8,0x110,0	45	1
						IN	PDAC017	7701468190	35,0x8,0x110,5	45	1
						IN	PDAC014	7701468035	35,2x8,0x111,6	45	1
						IN	PDAC015	7701462813 3287966-0	36,1x8,0x111,7	30	1
						EX	PDAC013	7701471705 7701469373 30852146 112656 101780	31,5x8,0x110,0	45	1
						EX	PDAC016	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1


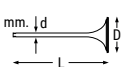




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
DAEWOO BENZYNA											
ENG. G15MF	Cielo 1.5i	8/95 →	1498 ccm	55 kW (75 PS)	76,5 / 4	IN	PDAE003	90215492	38,0x7,0x101,7	45	1
	Espero 1.5i	10/97-9/99						PDAE004	96098751	31,0x7,0x101,7	45
	Nexia 1.5i	12/94-10/96						90215491			
	Racer 1.5i	94 →									
ENG. A15MF	Cielo 1.5i	9/97 →	1498 ccm	51-55 kW (70-75 PS)	76,5 / 4	IN	PDAE005	96103129	30,3x6,0x102,4	45	1
	Espero 1.5i	94 →						PDAE006	96182806	26,0x6,0x102,0	45
	Nexia 1.5i	2/95-8/97						96103130			
	Racer 1.5i	97 →						96182805			
ENG. A16DMS	Kalos 1.6i 16V	8/02-1/05	1598 ccm	77-80 kW (105-109 PS)	79 / 4						
	Lacetti 1.6i 16V	3/04-1/05									
	Lanos 1.6i 16V	4/97-9/03									
	Nubira 1.6i 16V	9/97-1/05									
	Rezzo 1.6i 16V	9/00-1/05									
	Tacuma 1.6i 16V	9/00-1/05									
ENG. C 18 LE	Espero 1.8	2/95-6/99	1796 ccm	66-74 kW (90-100 PS)	84,8 / 4	IN	PDAE007	642667	41,8x7,0x104,2	45	1
	Nubira 1.8	4/97-5/99									
ENG. C 20 LE	Espero 2.0	10/93-6/99	1998 ccm	77-85 kW (105-116 PS)	86 / 4	EX	PDAE008	90220119	36,5x7,0x103,7	45	1
ENG. C 20 NE	Espero 2.0i	9/93-10/94	1998 ccm	85 kW (116 PS)	86 / 4			90220121			
								90295019			
ENG. X 20 SED, C 20 SED	Leganza 2.0i 16V	3/97-12/02	1998 ccm	100-109 kW (136-148 PS)	86 / 4	IN	PDAE009	641306	32,0x6,0x102,1	45	9
	Magnus 2.0i 16V	99 →						PDAE010			
	New Brougham 2.0i 16V	1/96-2/97						90412277	29,0x6,0x92,2	45	9
	New Prince 2.0i 16V	4/96-2/97						4500849			
	Nubira 2.0i 16V	9/97-6/03						641325			
	Super Saloon 2.0i 16V	97 →						90410813			
ENG. X 22 SE, T 22 SED	Leganza 2.2i 16V	9/98-12/02	2198 ccm	100-104 kW (136-141 PS)	86 / 4			4500864			
ENG. Z 24 XE	Captiva 2.4i 16V	9/06 →	2405 ccm	100-103 kW (136-140 PS)	87,5 / 4						
ENG. T 20 SED	Tacuma 2.0i 16V	00 →	1998 ccm	89 kW (121 PS)	86 / 4						
	Epica 2.0i 16V	05 →									


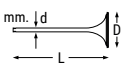




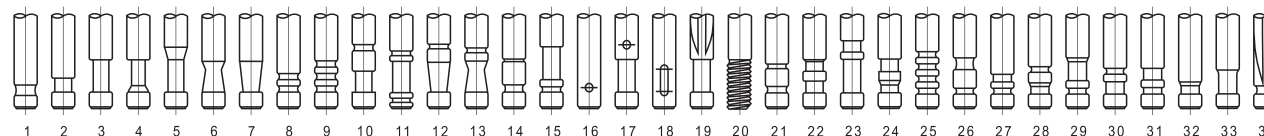
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
DAEWOO BENZYNA											
ENG. A14SMS/A14DMS	Lanos 1.4i 8V	5/97 →	1349 ccm	55 kW (75 PS)	76,5 / 4	IN	PDAE011	96182934	38,0x7,0x103,7	45	1
ENG. A15SMS/A15DMS	Lanos 1.5i 8V	5/97 →	1498 ccm	63-81 kW (86-110 PS)	76,5 / 4	EX	PDAE012	96182933	31,0x7,0x103,7	45	1
ENG. B12S1, F12S3	Kalos 1.2i	4/03-1/05	1148 ccm	53 kW (72 PS)	68,5 / 4	IN	PDAE013	94580146	35,7x5,5x110,5	45	1
ENG. F8CV	Matiz 0.8i Tico 0.8	9/98-1/05 1/96-12/00	796 ccm	37-38 kW (50-52 PS)	68,5 / 3			12911-78B00 12911-78B00-000			
ENG. F8B, F8C	Tico 0.8	6/91-1/05	796 ccm	29-35 kW (39-48 PS)	68,5 / 3	EX	PDAE014	96352793 94581486 12915-78B00-000 12915-78B00-222 11915A78B01-000	31,8x5,5x110,3	45	1
ENG. F14S3	Kalos 1.4i	9/03-1/05	1399 ccm	61 kW (83 PS)	77,9 / 4	IN	PDAE015	96335947	38,0x6,0x104,0	45	9
						EX	PDAE016	96335948	31,0x6,0x104,0	45	9
ENG. F14S3	Kalos 1.4i 16V Lacetti 1.4i 16V Nubira 1.4i 16V	9/02-1/05 3/04-1/05 3/04-1/05	1399 ccm	69-70 kW (94-95 PS)	77,9 / 4	IN	PDAE017	96440081 96376881	28,6x6,0x101,6	45	1
						EX	PDAE018	96440079 96376980	27,3x6,0x101,2	45	1
ENG. A18DMS	Rezzo 1.8	9/00 →	1761 ccm	72 kW (98 PS)	80,5 / 4	IN	PDAE019	96230591	38,0x6,0x101,4	45	9
ENG. F18D2	Rezzo 1.8	9/00 →	1761 ccm	67 kW (91 PS)	80,5 / 4	EX	PDAE020	96230595	31,4x6,0x101,2	45	9
ENG. B10S	Matiz (M100, M150) 1.0	01/03 -	995 ccm	47 kW (64 PS)	4/68,5	IN	PDAE001	12911-78B00-000	35,7x5,5x110,0	45	1
ENG. B12S1	Kalos (Klas) 1.2	04/03 -	1150 ccm	53 kW (72 PS)	4/68,5						
ENG. F8C	Tico (KLY3) 0.8	02/95 - 12/00	796 ccm	35 kW (48 PS)	3/68,5	EX	PDAE002	12915-78B00-000	31,7x5,5x110,0	45	1
ENG. F8CV	Matiz (M100, M150) 0.8	09/98 →	796 ccm	38 kW (52 PS)	3/68,5						
	Tico (KLY3) 0.8	01/96 - 12/00									
ENG. B10S	Matiz (M100, M150) 1.0	01/03 →	995 ccm	47 kW (64 PS)	4/68,5						
ENG. B12S1	Kalos (Klas) 1.2	04/03 →	1150 ccm	53 kW (72 PS)	4/68,5						
ENG. F8C	Tico (KLY3) 0.8	02/95 - 12/00	796 ccm	35 kW (48 PS)	3/68,5						
ENG. F8CV	Matiz (M100, M150) 0.8	09/98 →	796 ccm		3/68,5						
	Tico (KLY3) 0.8	01/96 - 12/00									


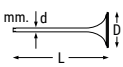




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
DAF BENZYNA											
ENG. 688.02	DAF 55	67-75	1108 ccm	39 kW (53 PS)	70 / 4	IN	PDAF020	7701458180	33,4x7,0x89,9	45	1
	DAF 66	67-75						7701458186			
ENG. 688.13	DAF 55	67-75	1108 ccm	33 kW (45 PS)	70 / 4	EX	PDAF021	3104401-9	29,0x7,0x88,9	45	8
	DAF 66	67-75						5613194			
ENG. 810.03	DAF 66	73-3/75	1289 ccm	29 kW (40 PS)	73 / 4	EX	PDAF021	7700638247	29,0x7,0x88,9	45	8
ENG. 810.29	DAF 66	73-3/75	1289 ccm	40 kW (54 PS)	73 / 4			7701460690			
ENG. B 13, OS	DAF 66 1300 Marathon (sedan, coupé, kombi)	9/73-8/75	1289 ccm	42 kW (57 PS)	73 / 4	IN	PDAF020	7701458180	33,4x7,0x89,9	45	1
						EX	PDAF022	7701458186			
								3104401-9			
								5613194			
								7701458190	30,2x7,0x88,9	45	9
								7700505115			
								7700560792			
								7701460256			
								3100519-2			
								560792E			



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
DAF DIESEL											
ENG. DKV 1160	Series F 2800/2805/300/3305/3325/3603/3605/3625	ENG. 5/83 →	11630 ccm	139-260 kW (189-354 PS)	130 / 6	IN	PDAF001	266305 1252496 1259989	54,9x11,0x175,0	30	1
ENG. DKX 1160	Series F 3300/3305/3325 Series N 3300	ENG. 6/81-9/91	11630 ccm	243 kW (330 PS)	130 / 6	EX	PDAF002	266306 1254382	49,9x11,0x175,0	30	1
ENG. DKX 1160 ATI	Series F 3300/3305/3325 Series N 3300	ENG. 6/85-9/91	11630 ccm	260 kW (354 PS)	130 / 6						
ENG. DKXE 1160	Series F 3305/3325/3603/3605/3625	ENG. 84 →	11630 ccm	139-260 kW (189-354 PS)	130 / 6						
ENG. DKXE 1160 ATI	Series F 2605/2800	ENG. 6/85-9/91	11630 ccm	206-212 kW (280-288 PS)	130 / 6						
130 / 6	Series F 3305/3325/3600/3603/3625	ENG. 84 →	11630 ccm	139-260 kW (189-354 PS)	130 / 6						
ENG. DKZ 1160 ATI	Series F 3300/3305/3325/3600/3603/3605/3625 Series SB 3000	ENG. 6/85-9/91	11630 ccm	274 kW (373 PS)	130 / 6						
ENG. WS 225 ATI	Series 95.310	ENG. 9/87-4/97	11630 ccm	225 kW (306 PS)	130 / 6						
ENG. WS 242 G Euro 0, WS 242 L ATI Euro 1	Series 95.330	ENG. 8/90-4/97 ENG. 7/92 →	11630 ccm	242 kW (329 PS)	130 / 6						
ENG. WS 242 L ATI Euro 1, WS 242 M Euro 2	Series 85.330	ENG. 7/92 → ENG. 96 →	11630 ccm	242 kW (329 PS)	130 / 6						
ENG. WS 259 ATI	Series 95.350	ENG. 9/87-4/97	11630 ccm	259 kW (352 PS)	130 / 6						
ENG. WS 268 Euro 2	Series 95.360	ENG. 9/94 →	11630 ccm	268 kW (364 PS)	130 / 6						


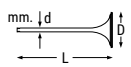




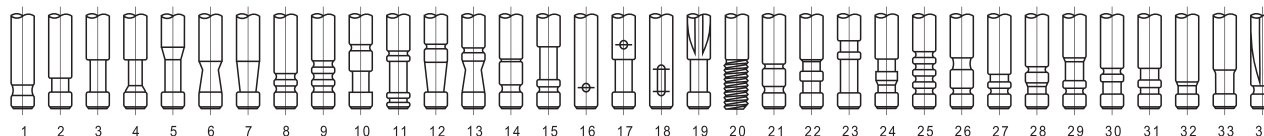
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
DAF DIESEL											
ENG. WS 268 Euro 2, WS 268 G Euro 0, WS 268 L ATI Euro 1, WS 268 M Euro 2	Series 85.360	ENG. 9/94 →	11630 ccm	268 kW (364 PS)	130 / 6	IN	PDAF001	266305	54,9x11,0x175,0	30	1
		ENG. 3/90-4/97						1252496			
		ENG. 3/90-12/97						1259989			
		3/90 →				EX	PDAF002	266306	49,9x11,0x175,0	30	1
ENG. WS 282 L, WS 295 G Euro 0	Series 95.380, 95.400	ENG. 9/87-4/97	11630 ccm	282-295 kW (383-401 PS)	130 / 6			266306			
								1254382			
ENG. DK 1160	Series A 2400/F 2600/2605/TE 2400/VE 2400	ENG. 8/67-12/76	11630 ccm	156 kW (212 PS)	130 / 6	IN	PDAF003	266027	54,9x11,0x152,2	30	1
								267356			
								297256			
ENG. DKA 1160	Series A 2600/F 2600/F 2605/F 2800/F 2805/N 2800/N 2826/TE 2600	ENG. 8/67-9/91	11630 ccm	169-188 kW (230-256 PS)	130 / 6	EX	PDAF004	655395	47,7x11,0x150,1	30	1
								266028			
								267357			
ENG. DKB 1160	Series F 2600/2605	ENG. 2/72-12/73	11630 ccm	156 kW (212 PS)	130 / 6			655398			
ENG. DKCL 1160	Series 325/MB 200/205/230	ENG. 73 →	11630 ccm	156 kW (212 PS)	130 / 6			655400			
ENG. DKDL 1160	Series MB 200/205/SB 201/210	ENG. 1/70-7/90	11630 ccm	121 kW (165 PS)	130 / 6						
ENG. DKFL 1160	Series 325 /MB 200/205/230/SB 220	ENG. 73 →	11630 ccm	191 kW (260 PS)	130 / 6						
ENG. DKL 1160	Series MB 200/205/SB 201/210	ENG. 6/74-5/93	11630 ccm	148-151 kW (201-205 PS)	130 / 6						
ENG. DKS 1160	Series 325/F 2800/F 2803/F 2805/F 2815/N 2800/2826	ENG. 73-9/91	11630 ccm	139-228 kW (189-315 PS)	130 / 6						
ENG. DKS 1160E	Series F 2800/2805	ENG. 1/74-9/91	11630 ccm	206 kW (280 PS)	130 / 6						


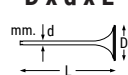




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm.	Kąt przyłgni 	Typ zamka
DAF DIESEL											
ENG. DKSB 1160	Series SB 3000	ENG. 73-89	11630 ccm	228 kW (310 PS)	130 / 6	IN	PDAF003	266027	54,9x11,0x152,2	30	1
ENG. DKSE 1160	Series F 2800/2805/3305/3325//3603/3605/3625/N 2800	ENG. 1/80 →	11630 ccm	206 kW (276 PS)	130 / 6			267356 297256 655395 673841			
ENG. DKT 1160	Series 325/F 2800/F 2805/SB 220	ENG. 74 →	11630 ccm	185-213 kW (252-290 PS)	130 / 6	EX	PDAF004	266028	47,7x11,0x150,1	30	1
ENG. DKTD 1160	Series F 2800/F 2803/F 2805/N 2826	ENG. 1/74-9/91	11630 ccm	185-199 kW (252-270 PS)	130 / 6			267357 655398 655400			
ENG. DKTL 1160	Series 325/MB 200/MB 205/ SB 201/SB 210	ENG. 74-5/93	11630 ccm	165-199 kW (224-270 PS)	130 / 6						
ENG. DKVL 1160	Series MB 200/205/230	ENG. 73-5/93	11630 ccm	139-260 kW (189-354 PS)	130 / 6						
ENG. XF 250 M Euro 2	Series 85.340	3/98 →	12583 ccm	250 kW (340 PS)	130 / 6	IN	PDAF009	1342220	45,5x9,0x163,6	20	9
ENG. XF 280 M Euro 2	Series 85.380 Series 95.380	3/98 → 1/97-9/02	12583 ccm	280 kW (381 PS)	130 / 6	IN	PDAF005	1307654	45,5x9,0x163,6	30	1
						EX	PDAF010	1362696 1654942	42,5x9,0x158,6	45	9
						EX	PDAF006	1327029 1307655	42,5x9,0x158,7	30	1
ENG. XF 315 M Euro 2	Series 85.430 Series 95.430 Series 95.480	3/98 → 3/97 → 1/97 →	12583 ccm	315 kW (428 PS)	130 / 6	IN	PDAF019	1603846 1684773	45,5x9,0x163,6	20	9
						IN	PDAF005	1307654	45,5x9,0x163,6	30	1
						EX	PDAF010	1362696 1654942	42,5x9,0x158,6	45	9
ENG. XF 355 M Euro 2	Series 95.480	3/97 →	12583 ccm	355 kW (483 PS)	130 / 6	EX	PDAF010	1362696 1654942	42,5x9,0x158,6	45	9
ENG. XE 390 C Euro 3, XE 390 C1 Euro 3	Series 95.530	9/99 →	12583 ccm	390 kW (530 PS)	130 / 6	EX	PDAF006	1327029 1307655	42,5x9,0x158,7	30	1
ENG. DJ5 T	Series 400	96 →	2446 ccm	76 kW (104 PS)	92 / 4	IN	PDAF017	96180328 0948.84	41,0x7,0x115,6	45	9
						EX	PDAF018	96267448 0949.90	37,7x7,0x115,4	45	9

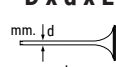




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
DAF DIESEL											
ENG. DJ5 T	Series 400	96 →	2446 ccm	76 kW (104 PS)	92 / 4	IN	PDAF023	96095457 97327262 0948.72	36,9x7,0x127,9	45	9
						EX	PDAF024	96304239 96096146 0949.79			
ENG. GR 165 Euro 4/5	Series LF 45.220 Series LF 55.220		5880 ccm	165 kW (224 PS)	118 / 6	IN	PDAF025	4895052 1404919 3802924 3940735	33,0x7,0x124,6	30	1
ENG. GR 184 Euro 4/5	Series LF 45.250 Series LF 55.250		5880 ccm	184 kW (250 PS)	118 / 6						
ENG. GR 210 Euro 4/5	Series LF 55.290		6700 ccm	210 kW (286 PS)	118 / 6	EX	PDAF026	4895051 1404918 1409671 3802967 3940734	33,0x7,0x124,2	45	1
ENG. EN 55	Series 400	2/87-9/93	2498 ccm	53 kW (72 PS)	94 / 4	IN	PDAF027	83EM6507BB 93500418 0948.44 0948.49 0948.53	42,5x8,5x116,0	45	1
ENG. XD 3P	Series 400	2/87-9/93	2498 ccm	51-58 kW (70-79 PS)		EX	PDAF028	83EM6505AB 93500889 0949.45 0949.50			
EN G. MX 300 S Euro 4/5	Series CF 85.410 Series XF 105.410	5/06 →	12900 ccm	300 kW (408 PS)	130 / 6	IN	PDAF029	1684513	45,5x10,0x169,4	20	1
		5/06 →				EX	PDAF030	1678541	42,5x10,0x168,6	30	1


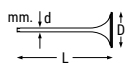




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
DAF DIESEL											
ENG. MX-13 303	XF FA, FT, FAR 410	10/12 →	12902 ccm	300 kw (408 PS)	6	EX	PDAF032	1741505	41,0x10,0x169,5	30	1
	CF FA, FT 410	05/13 →						1783722			
	CF FAR 410, FAS 410	05/13 →						2015131			
	CF FTS, FTR, FTP 410	05/13 →				IN	PDAF031	1912976	44,0x10,0x169,8	20	1
	CF FAN 410, FAG 410	05/13 →						1789874			
	CF FTG, FAT, FTT, FAD 410	05/13 →						2015130			
	XF FTP 410	10/12 →									
	XF FAN 410	10/12 →									
ENG. MX-13 340	CF FAT, FTT, FAD 460	05/13 →	12902 ccm	340 kw (462 PS)	6						
	CF FAT, FTT, FAD, 460	05/13 →									
	CF FAN, FAG 460	05/13 →									
	CF FTG 460	05/13 →									
	XF FA, FT, FAR, FTP, 460	10/12 →									
	XF FTP, FTR, FTS 460	10/12 →									
	XF FAN 460	10/12 →									
	XF FTG, FTN 460	10/12 →									
	XF FTT, FAD 460	10/12 →									
ENG. MX-13 375	CF FT 510	05/13 →	12903 ccm	375 kw (510 PS)	6						
	CF FAR, FAS 510	05/13 →									
	CF FTS, FTR, FTP 510	05/13 →									
	CF FAN 510, FAG 510	05/13 →									
	CF FTG, FAT, FTT, FAD 510	05/13 →									
	XF FA, FT, FAR, FTP, FAN 510	10/12 →									
	XF FTT, FAD 510	10/12 →									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
DAIHATSU BENZYNA											
ENG. AB	Curoe 0.6	4/76-10/88	547 ccm	20 kW (27 PS)	71,6 / 2	IN	PDAI003	13711-87701	36,0x7,0x101,5	45	1
	Fronte 0.6	4/76-10/88						13711-87702			
	Hijet 0.6	4/76-10/88						13711-87705			
	Wide Cab 0.6	79 →						13715-87701			
ENG. CB 20	Charade 1.0	10/77-3/87	993 ccm	37-41 kW (50-55 PS)	76 / 3	EX	PDAI004	13715-87701	33,0x7,0x101,5	45	1
ENG. S40	Max 550	78 →	547 ccm	20 kW (27 PS)	71,6 / 2			13715-87702			
	Cuore	78 →									
ENG. HCE	Charade 1.3i 16V	88 →	1296 ccm	48-66 kW (65-90 PS)	76 / 4	IN	PDAI009	13711-87103	30,0x6,6x112,7	45	1
	Terios 1.3i 16V	88 →						13711-87104			
	Hijet 1.3i 16V	5/98 →						13715-87105			
ENG. HDC	Feroza 1.6 16V	10/88 →	1590 ccm	52-66 kW (71-90 PS)	76 / 4	EX	PDAI010	13715-87106	26,0x6,6x114,5	45	1
	Charade 1.6 16V	99 →									
	Rocky 1.6 16V	99 →									
ENG. HD-E	Applause I 1.6 16V	6/89-7/97	1590 ccm	70-77 kW (95-105 PS)	76 / 4	EX	PDAI010	13715-87106	26,0x6,6x114,5	45	1
	Applause I 1.6 16V 4WD	6/89-7/97									
	Applause II 1.6 16V	7/97-5/00									
	Feroza 1.6i 16V	10/88 →									
	Charade IV 1.6 GTi	3/93-11/99									
ENG. 3K	Charmant	71-78	1166 ccm	57 kW (77 PS)	75 / 4	IN	PDAI015	13711-24011	36,0x8,0x100,0	45	32
	Consorte	71-78						13715-24012			
	Delta	71-78						13715-24011			
ENG. 4K	Charmant 1300	78 →	1290 ccm	55 kW (74 PS)	75 / 4	EX	PDAI016	13715-24012	29,0x8,0x100,0	45	32
	Delta 1300	78 →									
ENG. 3A	Charmant 1500	81 →	1452 ccm	59 kW (80 PS)	77,5 / 4	IN	PDAI017	13711-15010	36,0x7,0x107,0	45	1
								13711-15030			
						EX	PDAI018	13715-15010	31,0x7,0x106,5	45	1


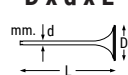




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
DAIHATSU BENZYNA													
ENG. K3-VE	Sirion 1.3i 16V	00 →	1298 ccm	64 kW (87 PS)	72 / 4	IN	PDAI019	13711-23030	26,0x5,0x88,2	45	1		
	YRV 1.3i 16V							13711-97401					
	Terios 1.3i 16V							13711-0J010					
	Terios 1.5 16V	00 →	1497 ccm		4	EX	PDAI020	13715-23030	22,6x5,0x89,1	45	1		
								13715-97401					
								13715-0J010					
	Delta 1500	77-81			80,5 / 4	IN	PDAI023	13711-31050	40,0x8,0x109,0	45	1		
						EX	PDAI024	13715-31070	34,0x8,0x109,0	45	1		
ENG. 3Y	Rocky 4x4	84 →	1998 ccm	65 kW (88 PS)	86 / 4	IN	PDAI025	13711-71010	40,0x8,0x108,0	45	1		
						EX	PDAI026	13715-71010	36,0x8,0x108,4	45	1		
ENG. EJ-DE	Curoe VI 1.0i	10/98-5/03	989 ccm	40-46 kW (54-63 PS)	72 / 3	IN	PDAI027	13711-97205	24,5x5,0x79,2	45	1		
	Move 1.0i	10/98 →				EX	PDAI028	13715-97203	21,0x5,0x79,9	45	1		
	Sirion 1.0i	4/98-9/00											
	Sirion 1.0i 4WD	4/99-9/00											
ENG. EJ-VE	Charade 1.0	3/03 →	989 ccm	43 kW (58 PS)	72 / 3								
	Curoe VII 1.0	5/03 →											
	Sirion 1.0i	9/00-1/05											
	Sirion 1.0i 4WD	9/00-1/05											
	Trevis 1.0	6/06 →											
	YRV 1.0	2/01 →											


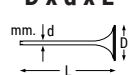




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm.	Kąt przyłgni 	Typ zamka
DAIHATSU DIESEL											
ENG. CL	Charade 1000 D	83 →	993 ccm	27 kW (37 PS)	76 / 3	IN	PDAI001	13711-87704 550610306	35,0x7,0x105,0	45	1
						EX	PDAI002	13715-87703 550610307	32,0x7,0x105,0	45	1
ENG. 2C	Delta 2.0 D	8/93 →	1974 ccm	53-54 kW (72-73 PS)	86 / 4	IN	PDAI029	13711-64030	38,5x8,0x105,7	45	1
ENG. 2C-T	Delta 2.0 TD	4/83-9/93	1974 ccm	61-67 kW (83-91 PS)	86 / 4	EX	PDAI030	13715-64040 13715-64012	32,5x8,0x105,3	45	1
DOOSAN → NISSAN 333											





Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
DAVID BROWN											
ENG. AD 4/47 A,B	900	62-80	3195 ccm		92,1 / 4	IN/EX	PDAV002	928622	38,0x9,46x124,2	45	1
	770	62-70	2396 ccm		100,046 / 3						
	780/880/885	62 →	2696 ccm		92,1 / 3						
	990	62-80	3195 ccm		100,046 / 4						
	995/996	62-80	3594 ccm		100,046 / 4						
	1200/1210/1212	62-80	3594 ccm		92,1 / 4						
DOOSAN → AGREGATY 6											


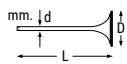




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
DORMAN DIESEL											
	Tractor (6LD) "L" Range				6	IN	PDOR005	L7K/14	55,7x11,0x169,8	45	1
						EX	PDOR006	L7L/14	47,7x11,0x170,0	45	1
ENG. 6QTCA	Series 501				6	IN	PDOR007	Q7U/14	63,6x11,0x183,3	30	1
						EX	PDOR008	Q7R/14	57,2x11,0x183,4	30	1


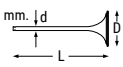




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
EICHER DIESEL											
ENG. EDK 1	Leopard EM 100 B	59-76	981 ccm	11 kW (15 PS)	100 / 1	IN	PEIC001	1620.069.M3	42,2x9,0x131,5	45	1
ENG. EDK 2	EM 200	59-76	1962 ccm	22 kW (30 PS)	100 / 2	EX	PEIC002	1620.070.M2	38,5x9,0x131,5	45	1
	ES 200/201	59-76						EDK 1.2085.4			
ENG. EDK 3	G28/G 280/G 30	59-79	2944 ccm	25 kW (35 PS)	100 / 3			1620.070.M2			
	EM 300	59-76									
ENG. EDK 4	Leopard EM 100 B	59-76	3927 ccm	40-44 kW (55-60 PS)	100 / 4						
	340/360/ 420	59-76									
ENG. EDK 6	Leopard EM 100 B	59/76	5890 ccm	70 kW (95 PS)	100 / 6						


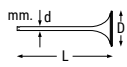




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FENDT DIESEL											
ENG. D 226 B-4	Farmer 305LS, 305LSA, 306LS, 306LSA, 311LSA, 312LSA, Favorit 610LS, 610LSA, 611LS, 611LSA, 611S, 611SA, 612LSA, 612SA, 511	ENG. 86-93	4154 ccm	51-74 kW (70-100 PS)	105 / 4	IN	PFEN001	622604605014 F199200210040 6005009608 12156904	47,0x9,0x117,0	45	9
						EX	PFEN002	622604605034 F199200210050 6005009610 12159605	43,0x9,0x117,0	45	9
ENG. D 226 B-6		86-99	6234 ccm	77-105 kW (88-120 PS)	105 / 6						
ENG. D 208-3	Farmer 2, 2D, 2DE, 2S, 3S,4S Favorit 3	ENG. 1/65-12/74	2235 ccm	26-34 kW (36-45 PS)	95 / 3	IN	PFEN013	0124418120	38,0x9,0x117,0	45	9
						IN	PFEN003	630804600014 620704603024 F238200210040	38,0x9,0x117,0	45	9
ENG. D 208-4		1/65-12/73	2976 ccm	33-40 kW (45-55 PS)	95 / 4			0123028300			
ENG. D 225-3		69-81	2550 ccm	35-37 kW (48-50 PS)	95 / 3			620704603014			
ENG. D225-4		4/67-12/77	3402 ccm	46-50 kW (62-68 PS)	95 / 4	EX	PFEN004	F238200210030	35,0x9,0x117,0	45	9
ENG. D225-6		4/67-12/77	5100 ccm	59-75 kW (80-102 PS)	95 / 6			0123028200			
ENG. TD 226 B-3	Farmer 304LS, 304LSA, 307LS, 307LSA, 308LS, 308LSA, 310LSA, Favorit 611LSA, 612LSA, 614LSA, 615LSA, 509, 510, 512,514	ENG. 85-98	3117 ccm	51-84 kW (70-114 PS)	105 / 3	IN	PFEN005	622604607014 F384200210090 6005003724 12159606	47,0x9,0x117,0	30	9
						EX	PFEN006	622604607034 F385200210150 6005003725 12159608	43,0x9,0x117,0	30	9
ENG. TD 226 B-4		8/87-01	4154 ccm	60-77 kW (82-105 PS)	105 / 4						
ENG. TD 226 B-6		69 →	6234 ccm	81-136 kW (110-185 PS)	105 / 6						

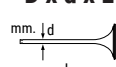




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FENDT DIESEL											
ENG. TD 226 B-3	Farmer 304LS, 304LSA, 307LS, 307LSA, 308LS, 308LSA, 310LSA, Favorit 611LSA, 612LSA, 614LSA, 615LSA, 509, 510, 512,514	ENG. 85-98	3117 ccm	51-84 kW (70-114 PS)	105 / 3	IN	PFEN005	622604607014 F384200210090 6005003724 12159606	47,0x9,0x117,0	30	9
						EX	PFEN006	622604607034 F385200210150 6005003725 12159608	43,0x9,0x117,0	45	9
		8/87-01	4154 ccm	60-77 kW (82-105 PS)	105 / 4						
ENG. TD 226 B-4		8/87-01	4154 ccm	60-77 kW (82-105 PS)	105 / 4						
ENG. TD 226 B-6		69 →	6234 ccm	81-136 kW (110-185 PS)	105 / 6						
ENG. TD226-4.2	Farmer 309LS, 309LSA od nr. seryjnego 186/14600, Farmer 310LSA od nr. seryjnego 192/2000, Favorit 612, 614, 615					IN	PFEN008	622804603014 F285200210230 F384200210060	42,0x9,0x117,0	30	9
						EX	PFEN009	622604603024 630804600024 F285200210200 12159602 12165099 12911162	38,0x9,0x117,0	45	9



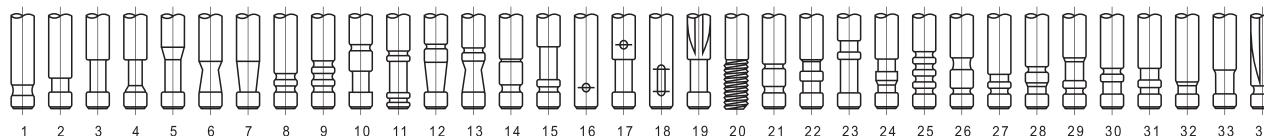
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
FENDT DIESEL												
ENG. D 226-3, D 226-4, D 226-6, D 226-3.2, D 226-4.2, D 226-6.2, D 227-4.2	Farmer 5S, 102S, 103, 103S, 104S, 105, 105S, 106S, 106SA, 108S, 303LS, 303LSA, do nr seryj. 20000: 304LS, 304LSA, 305LS, 305LSA, 306LS, 306LSA, 308LS, 308LSA, 311LSA do nr seryj. 5000, Favorit 3 S, 4, 4S, 4SA, 10S, 10SA, 11S, 12S, 610, 610 SA, 610S, 611S, 612S, 610LS, 611LS, 612LS, 231GT, ładowarka kołowa TS 65		2827 ccm	31-48 kW (42-55 PS)	100 / 3	IN	PFEN010	622604600054 F183200210080 7701006369	41,0x9,0x117,0	45	9	
							EX	PFEN007	630804600024 F183200210070 7701006368	38,0x9,0x117,0	45	9
		ENG. D 327-3	1/72 →	2827 ccm	31-48 kW (42-55 PS)	100 / 3						
		ENG. D 226-3, D 226-D	1/68 →	3117 ccm	35-44 kW (48-60 PS)	105 / 3						
		ENG. D 226-4, D 226-V	1/68 →	4154 ccm	44-64 kW (60-87 PS)	105 / 4						
ENG. D 226-6, D 226-S	69 →	6234 ccm	74-96 kW (101-131 PS)	105 / 6								
ENG. AKD 12/112-1		54-65	905 ccm	8-9 kW (11-12 PS)	98 / 1	IN	PFEN011	632134600014 12165702 12911163	41,0x10,0x129,0	45	3	
ENG. AKD 12/112-2		60-65	1810 ccm	16-18 kW (22-24 PS)	98 / 2							
ENG. AKD 12/112-3		60-65	2715 ccm	24 kW (33 PS)	98 / 3							
ENG. AKD 12/112-4		54-65	3600 ccm	32 kW (44 PS)	98 / 4	EX	PFEN012	632134600024 12165703 12911164	37,0x10,0x129,0	45	3	
Fendt Dieselross F40 / F40 U		01/51 - 12/59	3534 ccm	29 kW (40 PS)	100/3	IN/EX	PFEN014	ED 1.2033.4	45,0x10,0x149,0	45	6	
Fendt F20G/F20H		01/51 - 12/57	1480 ccm	14,6 kW (20 PS)	112/1	IN/EX	PFEN015	15406354	50,0x10,0x151,0	45	13	

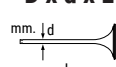




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 100 GBC.000, 100 GBC.040	850 0.9	2/68-12/72	903 ccm	38 kW (52 PS)	65 / 4	IN	PFIA001	4265695	29,0x7,0x95,3	30	1
ENG. 100 GF.000	127 0.9	75-85	903 ccm	26 kW (35 PS)	65 / 4			4259853			
	Series 900	12/79-12/87						46407749			
ENG. 100 GL.ON.0	127 0.9	6/71-5/83	903 ccm	33 kW (45 PS)	65 / 4			46427459	26,0x7,0x95,7	45	1
	Fiorino 0.9	10/77-3/81						4190109			
	Panda I 900	1/83-12/85				EX	PFIA002	5959564			
	Series 900	3/71-85						4259583			
								4183555			
ENG. 100 GL.000, 100 GL.048, 100 GL.064	127 0.9	6/71-5/83	903 ccm	29-33 kW (40-45 PS)	65 / 4			4274135	26,0x7,0x95,3	45	9
ENG. 100 GL.3C.0, 100 GL3.000	Panda I 900	3/80-12/85	903 ccm	33 kW (45 PS)	65 / 4			4377979			
ENG. 100 GL6.000	133	5/74-77	843 ccm	25 kW (34 PS)	65 / 4			5973130			
	Panda I 850	3/83-12/85						5959563			
ENG. 100 GL.9C.0	Fiorino 0.9	10/77-3/81	903 ccm	33 kW (45 PS)	65 / 4			5963326			
ENG. 100 GL.9N.0, 146 A.000	127 0.9	6/71-5/83	903 ccm	33 kW (45 PS)	65 / 4			7736408			
	Fiorino 0.9	10/77-3/81				EX	PFIA083	7783841			
	Panda I 900	3/80-12/85						4265696			
	Uno 45 0.9	1/83-9/92						4266321			
ENG. 1170 A1.000	Cinquecento 900i	7/91-7/98	899 ccm	29-31 kW (40-42 PS)	65 / 4				26,0x7,0x95,3	45	9
ENG. 1170 A1.046, 170 A1.046	Cinquecento 900i	7/91-7/98	899 ccm	29 kW (40 PS)	65 / 4						
	Panda I 900i	4/92-9/03									
	Seicento 0.9i	3/98 →									
	Uno 0.9i	00 →									
	Uno Mondo 0.9i	10/99 →									


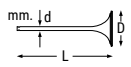




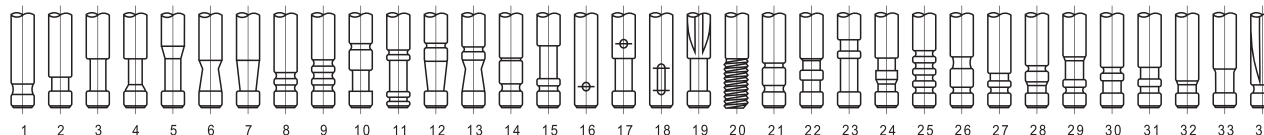
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 156 A2.000	Panda I 1.0 Uno 45 1.0	1/86-3/97 3/85-1/88	999 ccm	32-37 kW (44-50 PS)	70 / 4	IN	PFIA003	5942727 7666228	30,4x7,0x97,1	45	1
ENG. 156 A2.246, 156 A3.000	Panda I 1.0 Panda I 1.0i Uno 45 1.0i Uno Mondo 1.0i	1/86-3/97 1/86-4/96 3/85-3/94 1/96 →	999 ccm	33 kW (45 PS)	70 / 4	EX	PFIA004	5942728 7666227 46514754 46553047	27,3x7,0x97,2	45	1
ENG. 156 C.046	Panda I 1.1i Tipo 1.1i Uno 60 1.1i	3/92-3/97 10/94-10/95 9/89-9/93	1108 ccm	37-40 kW (50-55 PS)	70 / 4						
ENG. 160 A3.000	Tipo 1.1 Uno 60 1.1 Uno Mondo 1.1	7/87-3/93 9/89-12/00 1/98 →	1108 ccm	37-41 kW (51-56 PS)	70 / 4						
ENG. 176 A6.000	Punto 1.1i	8/93-8/99	1108 ccm	40 kW (54 PS)	70 / 4						
ENG. 176 A7.000	Punto 1.2i	8/93-4/97	1242 ccm	44 kW (60 PS)	70,8 / 4						
ENG. 115C	1500	65 →	1481 ccm	55 kW (75 PS)	77 / 4	IN	PFIA005	4127674 4207966	35,0x8,0x110,0	45	28
						EX	PFIA006	4146641 4207968 4127675	31,5x8,0x104,5	45	28
ENG. 176 B2.000, 187 A1.000	Cinquecento 1.1i Panda I 1.1i Punto 1.1i Seicento 1.1i	10/94-7/98 1/95-9/03 1/95-8/99 3/98 →	1108 ccm	40 kW (54 PS)	70 / 4	IN	PFIA007	7770334 46436048	31,5x7,0x97,0	45	1
ENG. 176 A8.000	Palio 1.2i Punto 1.2i	9/97 → 8/93-8/99	1242 ccm	55 kW (75 PS)	70,8 / 4	EX	PFIA004	5942728 7666227 46514754 46553047	27,3x7,0x97,2	45	1
ENG. 176 B1.000	Punto 1.2i	6/94-4/97	1242 ccm	43 kW (58 PS)	70,8 / 4						


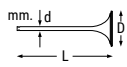




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 178 B5.000	Palio Weekend	97 →	1242 ccm	44 kW (60 PS)	70,8 / 4	IN	PFIA007	7770334	31,5x7,0x97,0	45	1
ENG. 188 A4.000	Nuova Panda 1.2 8V	03 →	1242 ccm	44 kW (60 PS)	70,8 / 4	EX	PFIA004	46436048	27,3x7,0x97,2	45	1
ENG. 223 A5.000	Doblo 1.2i	01-03	1242 ccm	48 kW (65 PS)	70,8 / 4			5942728 7666227 46514754 46553047			
ENG. 126 A1.000, 126 A1.048	126 650 Personal	77 →	652 ccm	17 kW (23 PS)	77 / 2	IN	PFIA009	4379986	32,9x8,0x115,5	45	33
ENG. 126 A2.000, 126 A2.048	126 700 Bis	87 →	704 ccm	19 kW (26 PS)	80 / 2	EX	PFIA010	4374855 5977214 4058860 4058691 4146638 4094941	28,0x8,0x115,7	45	33
ENG. 170 A.000, 170 A.046, 171 A.000	Cinquecento 700 ED	91 →	704 ccm	22-23 kW (30-31PS)	80 / 2	IN	PFIA011	7683521	35,3x8,0x115,8	45	33
						EX	PFIA012	7681975 7683522	27,0x8,0x116,0	45	33
ENG. 160 A1.000, 160 A1.048	Tipo 1.4	7/87-12/89	1372 ccm	52-56 kW (71-76 PS)	80,5 / 4	IN	PFIA013	7609772	37,5x8,0x108,5	45	1
ENG. 160 A2.000	Tipo 1.6	1/88-10/91	1581 ccm	60-62 kW (81-84 PS)	86,4 / 4			96700311			
ENG. 146 C1.000	Uno 70 1.4ie	9/89-12/93	1372 ccm	51-53 kW (69-72 PS)	80,5 / 4	EX	PFIA014	46531590	31,0x8,0x109,0	45	1
ENG. 159 A2.000	Tempra SX, SW Tipo 1.4ie	90 → 5/89-4/95	1372 ccm	57 kW (78 PS)	80,5 / 4			46531591			
ENG. 159 A3.000	Elba 1.6 Premio 1.6 Tempra 1.6 Tempra SW 1.6	4/89-12/93 3/85-12/96 3/90-4/93 12/90-4/93	1581 ccm	62-66 kW (84-90 PS)	86,4 / 4			4315062 5973128 4239918 4314869 4190307 4286929			
ENG. 220 A2.000 ENG. 160 A1.046, 836 A4.000	Scudo 1.6ie Tempra 1.4 SX Tipo 1.4 DGT	2/96 → 90 → 88 →	1581 ccm 1372 ccm	58 kW (79 PS) 51 kW (69 PS)	86,4 / 4 80,5 / 4						
ENG. 146 C5.000, 146 D5.000	Fiorino 1.4ie	93-01	1372 ccm	49 kW (67 PS)	80,5 / 4						


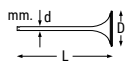




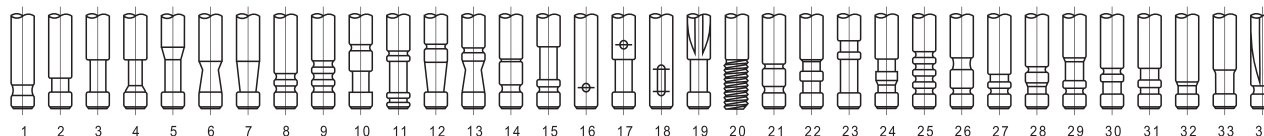
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 160 A2.000, 159 A3.000	Tempra 1.6 Tipo 1.6	2/90-12/99	1581 ccm	60-63 kW (82-86 PS)	86,4 / 4	IN	PFIA013	7609772	37,5x8,0x108,5	45	1
		7/87-3/93						96700311			
ENG. 182 A3.000, 182 A5.000	Brava 1.4i 12V Bravo 1.4i 12V Marea 1.4i 12V	9/95-10/98	1369 ccm	59 kW (80 PS)	82 / 4	IN	PFIA015	7712114	30,3x7,0x110,4	45	1
		9/95-10/98						46413334			
ENG. 182 A2.000	Brava 1.8i 16V Barchetta 1.8i 16V Bravo 1.8i 16V Marea 1.8i 16V	10/96-9/01	1747 ccm	83 kW (113 PS)	82 / 4	IN	PFIA017	7766564	33,6x7,0x113,0	45	9
		10/95 →						60811153			
ENG. 182 B7.000	Bravo 2.0i 20V Brava 2.0i 20V Marea 2.0i 20V	11/98-9/01	1998 ccm	110-113 kW (150-154 PS)	82 / 5	EX	PFIA018	7766565	28,0x7,0x108,6	45	9
		11/98-9/01						60811154			
ENG. 182 B3.000	Coupe 2.0i 20V Marea 2.0i 16V	99 →	1998 ccm	113 kW (155 PS)	82 / 5	EX	PFIA018	60674496	28,0x7,0x108,6	45	9
		99 →						60674496			
ENG. 183 A1.000	Punto 1.8i 16V Coupe 1.8i 16V Barchetta 1.8i 16V	7/99-6/03	1747 ccm	96 kW (131 PS)	82 / 4	IN	PFIA017	7766564	33,6x7,0x113,0	45	9
		3/96-9/00						60811153			
ENG. 188 A6.000	Barchetta 1.8i 16V Punto 1.8i 16V	10/00 →	1747 ccm	96 kW (131 PS)	82 / 4	IN	PFIA017	7766564	33,6x7,0x113,0	45	9
		9/00 →						60811153			
ENG. 192 A4.000	Stilo 1.8i 16V	01 →	1747 ccm	98 kW (133 PS)	82 / 4	IN	PFIA017	7766564	33,6x7,0x113,0	45	9
ENG. 185 A8.000	Marea 2.0i 16V	99 →	1998 ccm	110 kW (150 PS)	82 / 5	IN	PFIA017	7766564	33,6x7,0x113,0	45	9
ENG. 192 A2.000	Stilo 2.4i 20V Abarth	01 →	2446 ccm	125 kW (170 PS)	83 / 5	IN	PFIA017	7766564	33,6x7,0x113,0	45	9

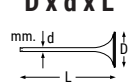




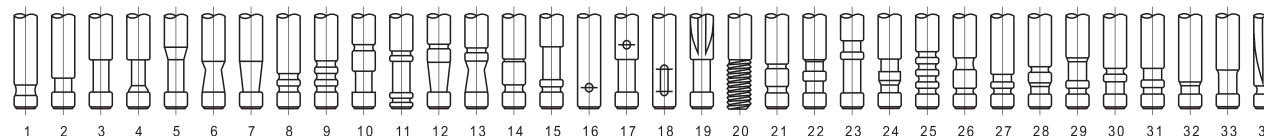
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 175 A3.000	Coupé 2.0i Turbo 20V	10/96-9/00	1998 ccm	162 kW (220 PS)	82 / 5	IN	PFIA019	7735898	30,0x7,0x113,2	45	9
ENG. 182 A1.000	Brava 2.0i 20V	10/95-10/98	1998 ccm	108 kW (147 PS)	82 / 5	EX	PFIA020	60812982	26,0x7,0x108,8	45	9
	Bravo 2.0i 20V	10/95-9/01						7735899			
	Coupé 2.0i 20V	10/96-9/00						60812981			
1998 ccm	108 kW (147 PS)	04/98-9/00	1998 ccm	113 kW (155 PS)	82 / 5						
ENG. 131 C4.000	131 2.0	3/81-8/93	1995 ccm	83 kW (113 PS)	84 / 4	IN	PFIA021	4255694	41,9x8,0x106,3	45	1
ENG. 124	125 Berlina	67-68	1592 ccm	59 kW (80 PS)	78 / 4	IN	PFIA040	4440061	43,6x8,0x105,6	45	1
	125 Special	67-68	1608 ccm	74 kW (100 PS)	78 / 4			4460061			
	124 Spider Coupe OHC	67-68	1608 ccm	66 kW (90 PS)	80 / 4			7547400			
ENG. 31B1.000	131 Super	75 →	1598 ccm	85 kW (115 PS)	84 / 4	EX	PFIA022	46406169	36,2x8,0x105,9	45	1
	131 Supermirafiori	78/83						7031135			
ENG. 132 D.000	132 Argenta	81-85	1595 ccm	85 kW (115 PS)	84 / 4			4359309			
ENG. 132 C3.000	Argenta	81-85	1995 ccm	83-90 kW (112-122 PS)	84 / 4			4255695			
								4293992			
								4469661			
								5975341			
								4173747			
								4186165			
								7597080			
ENG. 110 D.000, 110 F.000, 120.000	500 0.5	1/60-12/75	499 ccm	13 kW (18 PS)	67,4 / 2	IN	PFIA023	4058690	32,0x8,0x115,3	45	33
								4058859			
ENG. 126 AB.5C.0	500 0.6	5/73-1/76	594 ccm	13 kW (18 PS)	73,5 / 2	EX	PFIA010	4062108	28,0x8,0x115,7	45	33
ENG. 126 A.000, 126 AB.0C.0	125	67-9/68	594 ccm	17 kW (23 PS)	73,5 / 2			4294098			
	126 600	9/72-6/77						4374855			
ENG. 126 A1.000	126 650	7/77-9/87	652 ccm	17 kW (23 PS)	77 / 2			5977214			
								4058860			
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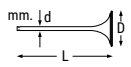




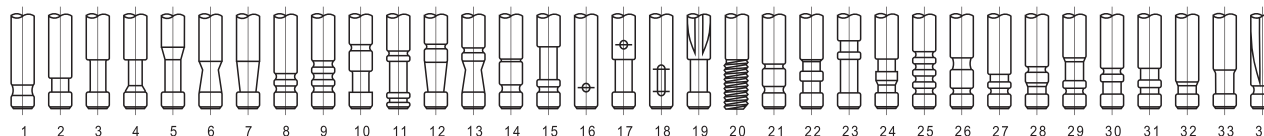
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. RGX	Ulysse 2.0i Turbo	9/94-5/00	1998 ccm	108-114 kW (147-155 PS)	86 / 4	IN	PFIA024	96059361	42,6x8,0x108,8	45	9
ENG. R5B	Ducato 10 2.0 Ducato 14 2.0	3/94-3/02 3/94-3/02	1998 ccm	79 kW (107 PS)	86 / 4			9605936180 0948.66			
ENG. XU 102C	Ducato 12 2.0	12/90-2/94	1998 ccm	79-85 kW (107-115 PS)	86 / 4	EX	PFIA025	96147032 96059362 96117828 9614703280 9611782880 0949.66 0949.72	34,5x8,0x108,4	45	9
ENG. 146 A.000	Panda I 900 Uno 45 0.9	9/82-12/85 1/83-9/92	903 ccm	33 kW (45 PS)	65 / 4	IN	PFIA026	4212771 4239917 4460697	36,0x8,0x108,5	45	1
ENG. 128 A.000, 128 AC5.000, 128 BB.0A0	128 1.1	3/69-12/84	1116 ccm	40-48 kW (55-65 PS)	80 / 4	EX	PFIA014	4315062 5973128 4239918 4314869 4190307 4286929	31,0x8,0x109,0	45	1
ENG. 138 AE.0A.0	Ritmo 60 1.1	10/78-9/82	1116 ccm	44 kW (60 PS)	80 / 4						
ENG. 138 B.000	Ritmo 60 1.1 Strada 1.1 Uno 55 1.1	2/83-12/87 2/83-85 1/83-3/85	1116 ccm	40 kW (54 PS)	80 / 4						
ENG. 138 B1.000, 138 C1.000	Ritmo 60 1.1 Strada 1.1	2/83-12/87 2/83-12/87	1116 ccm	41 kW (55 PS)	80 / 4						
ENG. 146 A4.000, 146 A4.048	Ritmo 60 1.1 Uno 60 1.1	4/85-12/87 4/85-9/92	1116 ccm	43 kW (58 PS)	80 / 4						
ENG. 146 C1.000	Uno 70 1.4i	9/89-9/92	1372 ccm	51-53 kW (70-72 PS)	80,5 / 4						
ENG. 159 A2.000, 160 A1.000	Tempra 1.4 Tipo 1.4	2/90-12/96 7/87-10/95	1372 ccm	51-56 kW (70-76 PS)	80,5 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 						
FIAT / IVECO BENZYNA																	
ENG. 128 AC.000, 128 AR.000, 128 A1.000	128 1.3	3/69-12/84	1290 ccm	44-55 kW (60-75 PS)	86 / 4	IN	PFIA026	4212771 4239917	36,0x8,0x108,5	45	1						
	ENG. M202 AA.13.0		1301 ccm	55 kW (75 PS)	86,4 / 4			4460697									
ENG. 128 AS.000	X 1/9 1.5	10/78-10/88	1499 ccm	63 kW (85 PS)	86,4 / 4	EX	PFIA014	4315062	31,0x8,0x109,0	45	1						
ENG. 128 A3.000, 138 A3.000	Ritmo 70 1.3 Ritmo 75 1.3	7/78-9/82 1/81-9/82	1301 ccm	55 kW (75 PS)	86,4 / 4			5973128 4239918									
ENG. 138 A1.000	Ritmo 65 1.3 Ritmo 70 1.3	7/78-9/82	1301 ccm	48 kW (65 PS)	86,4 / 4			4314869									
		10/82-4/85						4190307									
ENG. 138 B2.000, 149 A7.000, 149 A7.003	Regata 70 1.3 Ritmo 70 1.3 Uno 70 1.3	9/83-8/89	1301 ccm	48-50 kW (65-68 PS)	86,4 / 4			4286929									
		10/82-12/87															
		1/83-8/89															
ENG. 176 A9.000	Punto 1.6i	1/94-4/97	1581 ccm	65 kW (88 PS)	86,4 / 4												
ENG. 182 B6.000	Albea 1.6i 16V	1/02 →	1598 ccm	76 kW (103 PS)	80,5 / 4	IN	PFIA036	46413806	30,3x7,0x102,5	45	1						
	Brava 1.6i 16V	8/00-9/01						46462158									
	Bravo 1.6i 16V	8/00-9/01						46517325									
	Doblo 1.6i 16V	3/01 →						46761369									
	Marea 1.6i 16V	8/00 →						55183592									
	Multipla 1.6i 16V	1/99 →						55192067									
	Palio 1.6i 16V	9/97 →						4424173				34,0x8,0x112,0	45	1			
	Petra 1.6i 16V	3/03 →						46413807							29,8x7,0x102,9	45	1
	Siena 1.6i 16V	4/97 →						46462159									
	Stilo 1.6i 16V	10/01 →						46761370									
ENG. 182 A4.000	Brava 1.6i 16V	10/95-9/01	1581 ccm	76 kW (103 PS)	86,4 / 4	EX	PFIA037	46461209									
	Bravo 1.6i 16V	10/95-9/01						55196738									
	Doblo 1.6i 16V	3/01 →															
	Marea 1.6i 16V	10/96 →															
	Multipla 1.6i 16V	10/98 →															

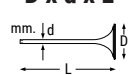




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 185 A3.000	Marea 1.6i 16V	10/97-9/02	1581 ccm	76 kW (103 PS)	86,4 / 4	IN	PFIA036	46413806	30,3x7,0x102,5	45	1
ENG. 182 A6.000	Barchetta 1.6i 16V Brava 1.6i 16V Bravo 1.6i 16V	10/95 → 10/95-10/98 10/95-10/98	1581 ccm	66-76 kW (90-103 PS)	86,4 / 4			46462158 46517325 46761369			
ENG. 178 B3.000	Siena 1.6i 16V Palio 1.6i 16V	4/97-6/02 9/97 →	1581 ccm	74-78 kW (101-106 PS)	86,4 / 4			55183592 55192067			
ENG. 186 A4.000	Marea 1.6i 16V Multipla 1.6i 16V Bipower	4/99 → 1/99 →	1581 ccm	76 kW (103 PS)	86,4 / 4	IN EX	PFIA038 PFIA037	4424173 46413807 46462159 46761370 46461209 55196738	34,0x8,0x112,0 29,8x7,0x102,9	45 45	1 1
ENG. 131 C1.000	131 1.4	11/80-12/84	1367 ccm	55 kW (75 PS)	78 / 4	IN	PFIA040	4440061	43,6x8,0x105,6	45	1
ENG. 131 B1.000	131 1.6	3/78-2/81	1585 ccm	72 kW (98 PS)	84 / 4			4460061			
ENG. 132 B2.000, 132 DB.2A.O	132 2.0	6/78-12/81	1995 ccm	83 kW (112 PS)	84 / 4			7547400			
	132 2.0	3/76-8/83						46406169			
ENG. 132 D.000	Argenta 1.6	6/81-11/85	1585 ccm	72 kW (98 PS)	84 / 4			7031135			
ENG. 132 D1.000	Argenta 2.0	6/81-12/85	1995 ccm	83 kW (113 PS)	84 / 4	EX	PFIA022	4359309	36,2x8,0x105,9	45	1
ENG. 138 AR.000	Ritmo 105 TC 1.6	5/81-4/85	1585 ccm	77 kW (105 PS)	84 / 4			4255695			
ENG. 138 AR1.000	Ritmo 125 TC Abarth 2.0	9/81-6/83	1995 ccm	92 kW (125 PS)	84 / 4			4293992			
ENG. 138 AR2.000	Ritmo 130 TC Abarth 2.0	7/83-12/87	1995 ccm	96 kW (130 PS)	84 / 4			4469661			
ENG. 149 A2.000, 149 A4.000	Regata 100 1.6	9/83-1/90	1585 ccm	74 kW (100 PS)	84 / 4			5975341			
	Ritmo 100/105 1.6	1/83-8/86						4173747			
ENG. 154 A1.000	Croma 2.0	12/85-6/90	1995 ccm	66 kW (90 PS)	84 / 4			4186165			
ENG. 159 A4.000	Tempra 1.8i	2/90-12/96	1756 ccm	80 kW (109 PS)	84 / 4			7597080			
	Tipo 1.8i	6/90-3/92									
ENG. 159 A6.046	Tempra 2.0i	2/90-12/96	1995 ccm	83 kW (113 PS)	84 / 4						
	Tipo 2.0i	3/90-10/95									

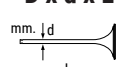




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 154 C4.046	Croma 2000 ie Turbo ENG. 154 A2.000, 154 C4.000	85 →	1995 ccm	114 kW (155 PS)	84 / 4	IN	PFIA040	4440061	43,6x8,0x105,6	45	1
						EX		PFIA077			
ENG. 176 B9.000	Doblo 1.2i 16V Punto 1.2i 16V	5/97-8/99	1242 ccm	59-63 kW (80-86 PS)	70,8 / 4	IN	PFIA045	46403681 46553048	26,8x6,0x95,0	45	9
ENG. 182 B2.000	Barchetta 1.2i 16V Brava 1.2i 16V Bravo 1.2i 16V Marea 1.2i 16V	12/98 →	1242 ccm	60 kW (82 PS)	70,8 / 4	EX	PFIA046	46471639 46553049	22,4x6,0x96,2	45	9
		11/98-9/01									
		11/98-9/01									
		3/99-9/02									
ENG. 188 A5.000	Albea 1.2i 16V Brava 1.2i 16V Bravo 1.2i 16V Idea 1.2i 16V Palio 1.2i 16V Petra 1.2i 16V Punto 1.2i 16V Siena 1.2i 16V Stilo 1.2i 16V	1/02 →	1242 ccm	59-63 kW (80-86 PS)	70,8 / 4						
		8/00-9/01									
		8/00-9/01									
		1/04 →									
		10/01 →									
		3/03 →									
		7/99 →									
		10/01 →									
		10/01-12/03									
ENG. 843 A1.000, 192 B2.000	Idea 1.4i 16V Punto 1.4i 16V Stilo 1.4i 16V	03 →	1368 ccm	66-70 kW (90-95 PS)	72 / 4						
		03 →									
		04 →									


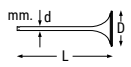




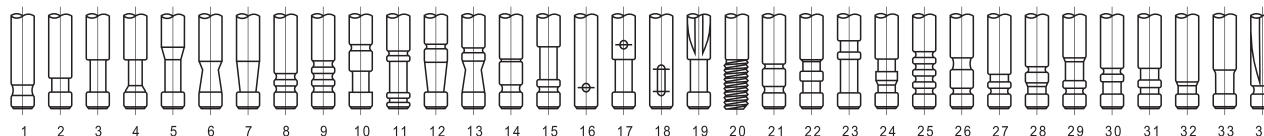
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 176 A9.000	Punto 1.6i	1/94-4/97	1581 ccm	65 kW (88 PS)	86,4 / 4	IN	PFIA047	7617500	39,5x8,0x108,5	45	1
ENG. 146 D6.000	Punto Cabrio	94 →	1581 ccm	55 kW (75 PS)	86,4 / 4	EX	PFIA014	96700315	31,0x8,0x109,0	45	1
	Fiorino 1.6i	93 →						4315062			
ENG. 159 A3.000, 159 B9.000, 835 C1.000	Tipo 1.6 Tempra 1.6	89 → 89 →	1581 ccm	60-63 kW (82-86 PS)	86,4 / 4			5973128 4239918 4314869 4190307 4286929			
ENG. 124A.000	124 1.2	2/73-7/75	1197 ccm	48 kW (65 PS)	73 / 4	IN	PFIA048	4376861	34,6x8,0x100,5	45	1
	124 Familiare 1.2	5/73-3/75				EX	PFIA049	4376864	33,5x8,0x101,0	45	1
ENG. 131 A6.000	131 Mirafiori 1.3	74-82	1297 ccm	40 kW (54 PS)	76 / 4	EX	PFIA123	5976805	31,0x8,0x101,0	45	1
ENG. 131 A7.000	131 2a serie	76 →	1301 ccm		76,1 / 4			4376862			
	Furgone 238E	76 →									
ENG. 131 C2.000	131 1.6	11/76-12/84	1585 ccm	63 kW (85 PS)	84 / 4						
	131 Familiare 1.6	11/80-4/85									
	131 Panorama 1.6	11/80-4/85									
ENG. 132 AZ2.000	242- Serie 1.9	10/75-7/82	1995 ccm	51 kW (69 PS)	84 / 4						
ENG. 6132 AZ2.000, 6132 AZ8.000	Campagnola 2.0	74-89	1995 ccm	59 kW (80 PS)	84 / 4						
ENG. 124	124 Berlina	66-74	1197 ccm		73 / 4	IN	PFIA052	4250799	34,5x8,0x99,5	45	2
	124 Familiare	68 →						4132069			
	Furgone 238B	66 →						4198175			
	124 Special	68 →	1438 ccm		4	EX	PFIA053	4221841	31,0x8,0x100,0	45	2
	Furgone 238B1	68 →						4250800			
	Furgone 241N	68 →						4147475 4132070 4192453 4252787			


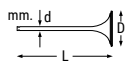


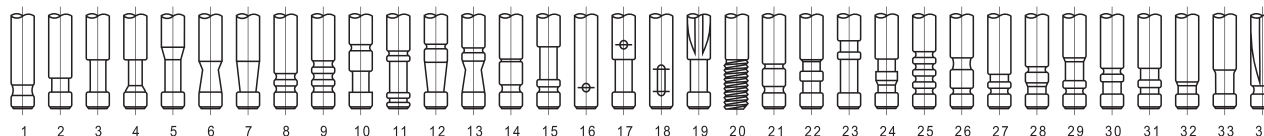
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 			
FIAT / IVECO BENZYNA														
ENG. XM 7T, 169 B	Ducato 10 Furgone	82 →	1796 ccm	49 kW (67 PS)	84 / 4	IN	PFIA054	0948.33	42,6x8,0x118,6	30	1			
ENG. XN 1T	Ducato 13 Furgone Talento 2.0	82 → 89-94	1971 ccm	53-60 kW (72-82 PS)	88 / 4			0948.55 0948.29 0948.34 91510548 7910029730 9603170980 9151054880						
						EX	PFIA055	0949.27 0949.55 0949.56 91520847 7910028074 9609491380	35,5x8,0x112,2	45	1			
ENG. 131 B.000	131 Supermirafiori	78-80	1297 ccm	58 kW (78 PS)	76 / 4	IN	PFIA056	82316779	37,6x8,0x107,3	45	1			
ENG. 828BB	131 Super Mirafiori TC	81-83	1367 ccm		4	EX	PFIA057	82336458	33,9x8,0x106,9	45	1			
ENG. 132 C.000	124 Sport 1.6	72 →	1585 ccm	65-72 kW (89-98 PS)	80 / 4	IN	PFIA058	4300760	42,3x8,0x106,4	45	1			
	124 Special 1.6	72 →										EX	PFIA022	4359309
	132 1.6	1/76-12/82											4255695	
ENG. 132 B.000	132 1.7 GLS	4/74-12/75	1756 ccm	79 kW (107 PS)	84 / 4			4293992						
ENG. 132 B1.000	124 Special 1.7	72 →	1756 ccm	77-82 kW (105-112 PS)	84 / 4			4469661	36,2x8,0x105,9	45	1			
	124 Abarth Rally 1.7	72 →											5975341	
	132 1.7 GLS	11/75-1/77											4173747	
	132 1.7 Special	4/72-1/74											4186165 7597080	


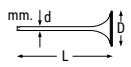




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. P8C, XUD 11ATE, XUD 11BTE	Ulysse 2.1 TD 12V	3/96 →	2088 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PFIA061	0948.68 96008334 96007817 9600781780	33,9x8,0x122,3	45	9
						EX	PFIA062	0949.68 96079213 96042957 9604295780	33,9x8,0x121,9	45	9
ENG. LFW, XU 7JP	Ulysse 1.8i Scudo 1.8i	5/96 → 10/95 →	1762 ccm	72-76 kW (98-103 PS)	83 / 4	IN	PFIA067	0948.56 0948.87 91535017 91537468 9153501780	41,6x8,0x108,8	45	1
ENG. XU 10J2U	Ducato 2.0 ie/carb.	94 →	1998 ccm	80 kW (109 PS)	86 / 4	EX	PFIA068	0949.57 91535019 91537470 9153501980	34,5x8,0x108,4	45	1
ENG. Renault	Ducato	81 →	1991 ccm		88 / 4	IN	PFIA069	7701460147 7700635409 7700644710 7900000680 95536524 245390-0 0948.36	43,9x8,0x112,0	30	1
						EX	PFIA070	7701460143 7701460148 7700701645 7700732119 7700644709 7700733512 95536523 0949.38	38,6x8,0x111,4	45	1


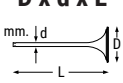




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 154 E1.000	Croma 2.0i 16V	12/92-12/96	1995 ccm	101-103 kW (137-140 PS)	84 / 4	IN	PFIA079	7474739	34,5x7,0x128,0	45	1
ENG. 160 A5.000, M607 AA.18.0	Tipo 1.8i 16V	6/89-3/92	1756 ccm	101 kW (138 PS)	84 / 4			7574739 7722907			
ENG. 836 A3.000 ENG. 160 A8.046	Coupé 2.0i 16V Tipo 2.0i 16V	4/94-9/96 3/93-10/95	1995 ccm	102-104 kW (139-142 PS)	84 / 4	EX	PFIA080	7611673 7650916 7958073 7574742 60805836	28,5x7,0x125,7	45	1
ENG. 175 A1.000	Coupé 2.0i Turbo 16V	2/94-9/96	1995 ccm	140-143 kW (190-195 PS)	84 / 4						
ENG. ES9 J4S, XFW	Ulysse 3.0i 24V	8/02 →	2946 ccm	150-152 kW (204-207 PS)	87 / 6	IN	PFIA086	0948.A5 9630441380	35,0x6,0x108,4	45	1
						EX	PFIA087	0949.A5 9640181380	30,5x6,0x106,9	45	1
ENG. 131 B7.000, 131 C.000, 131 C1.000	131 1.4 Mirafiori	81-85	1367 ccm	51-55 kW (69-75 PS)	78 / 4	IN	PFIA129	4415238	33,5x8,0x112,0	45	1
	131 1.4 Super Mirafiori	4/81-12/83				IN	PFIA250		34,0x8,0x111,8	45	1
	131 Familiare 1.4 Mirafiori 131 Panorama 1.4 Mirafiori	82-84 82-84				EX	PFIA130		30,5x8,0x112,5	45	1
ENG. 131 C2.000 ENG. No. 2 308 227 →	131 CL	84 →	1585 ccm	61 kW (84 PS)	84 / 4	IN	PFIA131	4426397	39,5x8,0x112,0	45	1
						EX	PFIA132	4394134 5975849	36,5x8,0x112,5	45	1
ENG. 154 A.048, 149 A.000	Croma CHT Regata 84 CV	85 → 85 →	1585 ccm	61 kW (84PS)	84 / 4						
ENG. 192 B30	Stilo 1.6i PDA 16V	5/05 →	1598 ccm	77 kW (10	79 / 4	IN	PFIA138	55557862 24433078 642011 642078	31,2x5,0x117,2	45	9
						EX	PFIA139	71739797 55558728 24433079 641379 641401	27,6x5,0x116,2	45	9


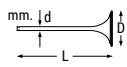




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. RFV (XU 10J4R)	Ulysse 2.0 16V	05/98-9/00	1998 ccm	97-100 kW (132-136 PS)	86 / 4	IN	PFIA143	9628943380 96289433 0948.86 0948.92	34,6x6,0x106,4	45	1
						EX	PFIA144	9629861180 0949.92 0949.A6 96298611			
EN G. RFN (EW10 J4)	Scudo 2.0i 16V Ulysse 2.0i 16V	5/00 →	1997 ccm	103 kW (140 PS)	85 / 4	IN	PFIA145	9623950380 0948.99	33,3x6,0x106,2	45	1
		3/00 →				EX	PFIA146	9636001780 0949.99			
ENG. 939A4.000	Croma 1.8 ie 16V	06 →	1796 ccm		82 / 4	IN	PFIA253	641076 55557741	31,2x5,0x113,8	45	9
						EX	PFIA254	641391 641392 55355572 71744388			
ENG. M612FA.25.C	Croma 2.5 V6	93 →	2492 ccm		88 / 6	IN	PFIA260	119000330012 60523548 119280330001	41,0x9,0x107,5	45	1
						EX	PFIA261	119000330114 60523550 119280330101			


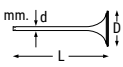




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 194A1.000	Croma 2.2i 16V	7/05 →	2198 ccm	108 kW (147 PS)	86 / 4	IN	PFIA255	12575793	35,1x6,0x102,3	45	9
								12786696			
								55192156			
								55563529			
								641056			
								641063			
								71739277			
						EX	PFIA256	12597371	30,1x6,0x100,9	45	9
								12791961			
								24454518			
								4805043			
								641373			
								641376			
								641380			
71739320											
71739686											
ENG. KFV (Peugeot)	Qubo 1.4 8V MPi	07 →	1368 ccm		75 / 4	IN	PFIA262	97531080	36,7x7,0x112,8	30	1
								97533266			
								9627835680			
								0948.58			
								97531044			
						EX	PFIA263	97531044	29,2x7,0x112,6	45	1
								97533264			
								9753104480			
								0949.59			



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. RFV	Ulysse 2.0i 16V	5/98-2/00	1998 ccm	97-100 kW (132-136 PS)	86 / 4	IN	PFIA264	0948.61	34,6x7,0x106,4	45	9
								0948.75 96172597 91540748			
ENG. M16A	Sedici 1.6 16V	06 →	1586 ccm		78 / 4	IN	PFIA266	12911-54G00	30,0x5,5x100,9	45	1
								71742050			
ENG. 188 A5.000	Brava (182_) 1.2 16V 80	10/00 - 10/01	1242 ccm	57 kW (78 PS)	4	IN	PFIA287	55185028	26,9x6,0x95,3	45	9
								55185080			
ENG. 192 B2.000	Bravo II (198_) 1.4 (198AXA1B)	04/07 - 12/14	1368 ccm	66 kW (90 PS)	4	EX	PFIA288	12915-54G00	22,4x6,0x94,7	45	9
								12915-54G50			
ENG. 192 B2.000	Bravo II (198_) 1.4 LPG (198AXA1B)	12/08 - 12/14	1368 ccm	66 kW (90 PS)	4	EX	PFIA288	12915-54G00	22,4x6,0x94,7	45	9
								12915-54G50			
ENG. 192 B2.000	Idea (350_) 1.2 16V	01/04 →	1242 ccm	57 kW (78 PS)	4	IN	PFIA287	55185028	26,9x6,0x95,3	45	9
								55185080			
ENG. 192 B2.000	Palio Weekend (178_) 1.2	09/01 →	1242 ccm	57 kW (78 PS)	4	IN	PFIA287	55185028	26,9x6,0x95,3	45	9
								55185080			
ENG. 192 B2.000	Punto (188_) 1.2 16V 80 (188.233, .235, .253,...)	09/99 - 12/06	1242 ccm	57 kW (78 PS)	4	IN	PFIA287	55185028	26,9x6,0x95,3	45	9
								55185080			
ENG. 192 B2.000	Albea (178_, 172_) 1.2	09/01 - 12/09	1242 ccm	57 kW (78 PS)	4	IN	PFIA287	55185028	26,9x6,0x95,3	45	9
								55185080			
ENG. 192 B2.000	Stilo (192_) 1.2 16V (192_XA1B)	02/02 - 11/06	1242 ccm	57 kW (78 PS)	4	IN	PFIA287	55185028	26,9x6,0x95,3	45	9
								55185080			
ENG. 192 B2.000	Stilo (192_) 1.4 16V	03/05 - 11/06	1368 ccm	66 kW (90 PS)	4	EX	PFIA288	12915-54G00	22,4x6,0x94,7	45	9
								12915-54G50			
ENG. 192 B2.000	Stilo Multi Wagon (192_) 1.4 16V	03/05 - 08/08	1368 ccm	66 kW (90 PS)	4	EX	PFIA288	12915-54G00	22,4x6,0x94,7	45	9
								12915-54G50			

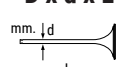




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO BENZYNA											
ENG. 843 A1.000	Stilo Multi Wagon (192_) 1.4 16V	01/04 - 08/08	1368 ccm	65 kW (88 PS)	4	IN/EX	PFIA293	55185080	22,4x6,0x94,66	45	9
	TIPO sedan (356_) 1.4 (356SXA1B)	10/15 →						55206233			
	TIPO liftback (356_) 1.4 (356HXA1B)	03/16 →						55239748			
	TIPO kombi (356_) 1.4 (356WXA1B)	03/16 →									
	500L (351_, 352_) 1.4 (199LYB1B)	09/12 →									
ENG. ED3	FREEMONT (345_) 2.4	08/11 →	2360 ccm	125 kW (170 PS)	4	IN	PFIA297	22211-2G000	35,0x5,5x113,3	45	1
						EX	PFIA298	KK05047068AB KK05047068AA KMN187696 22212-25002 KK05047069AB KK05047069AA KMN183950			


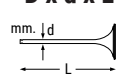




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. M705 BA.19.0	Series DI 12	10/88-12/90	1929 ccm	27 kW (37 PS)	82,6 / 4	IN	PFIA027	5990532 7547158 60808694	37,4x8,0x116,8	45	1
	Series DI 15	10/88 →									
	Series DI 20	10/88-12/90	1929 ccm	59 kW (80 PS)	82,6 / 4	EX	PFIA028	5990533 7588577 60808695	33,5x8,0x117,0	45	1
	Series DI 21	10/88 →									
ENG. M707 AT.19.0	Regata 80 1.9 TD	5/86-7/89	1929 ccm	59 kW (80 PS)	82,6 / 4						
	Ritmo 80 1.9 TD	12/85-12/87									
ENG. 146 B2.000	Fiorino 1.7 D	1/88-12/01	1698 ccm	42 kW (57 PS)	82,6 / 4						
	Uno 60 1.7 D	9/86-3/94									
	Uno Mondo 60 1.7 D	1/96 →									
ENG. 146 D7.000	Fiorino 1.7 TDS	2/97-12/01	1698 ccm	46 kW (63 PS)	82,6 / 4						
ENG. 149 A1.000	Marengo 1.9 D	1/86-7/89	1929 ccm	48 kW (65 PS)	82,6 / 4						
	Regata 65 1.9 D	4/84-7/89									
	Tempra 1.9 D	2/90-5/93									
	Tipo 1.9 D	7/89-3/93									
ENG. 149 B4.046	Fiorino 1.7 D	1/88-12/91	1698 ccm	42 kW (57 PS)	82,6 / 4						
	Tipo 1.7 D	1/88-10/91									
ENG. 160 A7.000	Brava 1.9 D	10/95-10/98	1929 ccm	48 kW (65 PS)	82,6 / 4						
	Bravo 1.9 D	10/95-10/98									
	Marengo 1.9 D	2/90-12/96									
	Tempra 1.9 D	2/90-12/96									
	Tipo 1.9 D	7/89-10/95									
ENG. 176 A3.000	Palio 1.7 TD	9/97-10/00	1698 ccm	51-53 kW (69-72 PS)	82,6 / 4						
	Punto 1.7 TD	8/93-8/99									
	Siena 1.7 TD	4/96 →									
	Strada 1.7 TD	3/99-4/03									


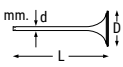




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8144.61.200	131, 132 2.5 D Argenta 2.5 D Marengo 2.5 D Ducato 10 2.5 D Ducato 13 2.5 D	ENG. 3/78-12/85	2429 ccm	53 kW (72 PS)	93 / 4	IN	PFIA029 (PIVE003)	4757358 7301820 504069200 7701030863 7701462678 7701463603 7701467250	41,0x8,0x120,8	30	1
ENG. 8140.07.2700, 2701, 2710, 2711, 2712, 2731	Daily II 2.5 D 30-8/ 35-8/40-8	ENG. 2/91-4/96	2499 ccm	55 kW (75 PS)	93 / 4	EX	PFIA034 (PIVE004)	0948.A2	34,4x8,0x122,0	45	1
ENG. 8140.07.3700, 3710, 3711, 3712, 3713, 3731 Euro 1	Daily II 2.5 D 30-8/35-8 /40-8 Ducato 14 2.5 D	ENG. 2/91-4/96	2499 ccm	53 kW (72 PS)	93 / 4			7301821 4826033			
ENG. 8140.21.200, 201, 202, 203, 212, 214, 235, 290	Daily I 2.4 TD 35-10/45-10/49-10 Ducato 14 2.5 TD	ENG. 2/85-2/94	2445 ccm	68-77 kW (92-105 PS)	93 / 4			7303309 7302157 7701203675			
ENG. 8140.61.200, 201, 202, 203, 204, 207, 208, 212, 216, 217, 230, 300, 303	Daily I 2.4 D 30-8/ 35-8/40-8 Ducato 13 2.4 D	ENG. 4/78-6/89	2445 ccm	53-60 kW (72-82 PS)	93 / 4						
ENG. 8140.67.2100	Ducato 12/18 2.5 TD	ENG. 7/90-2/94	2499 ccm	70 kW (95 PS)	93 / 4						
ENG. 8144.61.500	Argenta 2.5 TD	ENG. 6/83-11/85	2445 ccm	66 kW (90 PS)	93 / 4						
ENG. 8144.81.2000	Argenta 2.5 TD Ducato 13/14 2.4 TD	ENG. 6/83-86	2445 ccm	66-74 kW (90-100 PS)	93 / 4						
ENG. 8144.97 S	Croma 2.5 TD	ENG. 12/91-11/92	2499 ccm	78 kW (106 PS)	93 / 4						
ENG. 8144.91.2000, 2200	Croma 2.5 TD	ENG. 12/85-10/92	2445 ccm	74 kW (100 PS)	93 / 4						
ENG. 8144.21.200, 220	Ducato 14/18 2.4 TD	ENG. 1/86-6/90	2445 ccm	68 kW (92 PS)	93 / 4						
ENG. 8144.67.2500	Croma 2.5 TD Ducato 10/12/14/18 2.5 D	ENG. 12/85-3/94	2499 ccm	55 kW (75 PS)	93 / 4						

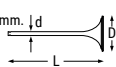




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8144.67.200, 220	Ducato 10/12/14/18 2.5 TD	ENG. 1/86-2/94	2499 ccm	55 kW (75 PS)	93 / 4	IN	PFIA029 (PIVE003)	4757358 7301820 504069200 7701030863	41,0x8,0x120,8	30	1
ENG. 8140.27R.2700, 2780, 2782, 2786, 2787	Daily II 2.5 TD 35-10/49-10	ENG. 1/86-2/94	2499 ccm	67-76 kW (92-103 PS)	93 / 4			7701462678			
ENG. 8144.97.2200	Croma 2.5 TD	ENG. 7/90-11/92	2499 ccm	83-87 kW (113-118 PS)	93 / 4			7701463603			
ENG. 8140.27.200, 2100	Ducato 10/12/14/18 2.5 TD	ENG. 7/90-2/94	2499 ccm	76 kW (103 PS)	93 / 4			7701467250			
ENG. 8144.97 Y	Croma 2.5 TD	ENG. 11/92-12/96	2499 ccm	85 kW (116 PS)	93 / 4		0948.A2				
ENG. 8140.67F.3700, 3701, 3710, 3711, 3713, 3721 Euro 2	Daily III 2.5 TD 25-8/30-8/33-8/35-8	ENG. 5/96-3/98	2499 ccm	60 kW (82 PS)	93 / 4	EX	PFIA034 (PIVE004)	7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1
ENG. 8140.47.2700, 2711, 2721, 2785 Euro 1	Daily II 2.5 TD 35-12/40.12/45-12/49-12/59-12	ENG. 6/90-4/96	2499 ccm	85 kW (116 PS)	93 / 4	IN	PFIA029 (PIVE003)	4757358 7301820 504069200 7701030863 7701462678 7701463603 7701467250 0948.A2	41,0x8,0x120,8	30	1
						IN		PFIA071 (PIVE005)			
						EX	PFIA034 (PIVE004)	7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1
						EX		PFIA072 (PIVE006)	98418161 7701467249	36,7x8,0x122,0	45


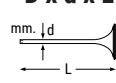




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8140.43C.4030 Euro 3	Daily IV 2.8 TD 29 L 11/ /35 S 11/35 C 11/40 C 11/50 C 11	5/99-9/02	2798 ccm	77 kW (105 PS)	94,4 / 4	IN	PFIA029 (PIVE003)	4757358 7301820 504069200 7701030863 7701462678 7701463603 7701467250 0948.A2	41,0x8,0x120,8	30	1
ENG. 8140.43.3700	Daily III 2.8 TD 35-12/ /40-12/45-12/49 12/59-12 Ducato 10/14/18 2.8 TD Ducato 11/15 2.8 TD	5/96-5/99 10/97-3/02 10/02 →	2798 ccm	77-90 kW (105-122 PS)	94,4 / 4						
ENG. 8140.43.3711/ 3713 Euro	Daily III 2.8 TD 35-10/49-12	ENG. 5/96-5/99	2798 ccm	77-90 kW (105-122 PS)	94,4 / 4	EX	PFIA050 (PIVE013)	99432837 5001836573 0949.A0	36,0x8,0x122,0	45	1
ENG. 8140.43.3911/3921 /3931 Euro 2	Daily III 2.8 TD 35-12	ENG. 5/96-5/99	2798 ccm	77-90 kW (105-122 PS)	94,4 / 4						
ENG. 8140.43.3718/3721/ /3723/3728/3731/3780/ /3790 Euro 2	Daily III 2.8 TD 35-12/ /40-12/45-12/49-12/59-12 Ducato 14 2.8 TD	5/96-5/99 5/96-3/02	2798 ccm	77-90 kW (105-122 PS)	94,4 / 4						
ENG. 8140.43N.4300/4320/ 4330/4400/4420/4430 Euro 2	Daily IV 2.8 TD 35 C 15/35 S 15/40 C 15/50 C 13/50 C 15/65 C 13/65 C 15	9/01-7/06	2798 ccm	108 kW (146 PS)	94,4 / 4						
ENG. 8140.23.2585 Euro 2		1/96 →	2798 ccm	76 kW (103 PS)	94,4 / 4						
ENG. 8140.43C.4031 Euro 3	Daily IV 2.8 TD 35 C 11/35 S 11/40 C 11	5/99 →	2798 ccm	77 kW (105 PS)	94,4 / 4						
ENG. 8140.43L.4000 Euro 2		1/98 →	2798 ccm	92 kW (125 PS)	94,4 / 4						
ENG. 8140.43N.3585 Euro 3	Daily IV 2.8 TD 35 C 15/ /40 C 15/50 C 15/60 C 15/ /65 C 15	9/01 →	2798 ccm	108 kW (146 PS)	94,4 / 4						

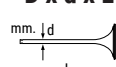




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. DW8, WJZ Euro 2	Scudo 1.9 D	6/98 →	1868 ccm	51 kW (69 PS)	82,2 / 4	IN	PFIA031	93510415	38,5x8,0x112,4	45	1
ENG. WJY Euro 2	Scudo 1.9 D	6/98 →	1868 ccm	44-52 kW (60-71 PS)	82,2 / 4			96005391			
ENG. D9B	Scudo 1.9 D	10/95-5/00	1905 ccm	51 kW (70 PS)	83 / 4			LGH10051			
ENG. XUD 9A	Scudo 1.9 D Ducato 1.9 D	10/95-5/00 4/98 →	1905 ccm	47-52 kW (64-71 PS)	83 / 4			LGH10053 0948.59 0948.63			
ENG. XUD9 TF	Scudo 1.9 TD Ulysse 1.9 TD Ducato 10 1.9 TD	10/95-5/00 5/95-7/97 3/94-7/97	1905 ccm	68 kW (92 PS)	83 / 4			9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000			
ENG. DHX, D8B, XUD 9BTF, XUD 9TE	Scudo 1.9 TD Ulysse 1.9 TD Ducato 10 1.9 TD Ducato 14 1.9 TD	10/95-5/00 1/95 → 4/98-10/01 4/98-10/01	1905 ccm	66-68 kW (90-92 PS)	83 / 4	EX	PFIA032	50054982	33,0x8,0x111,9	45	1
								93510773			
								93510774			
								93501280			
								93501072			
								95501280			
								96005392			
								96272853			
								0949.47			
								0949.59			
								0949.60			
								0949.64			
								0949.74			
								LGH10052			
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
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8144.65.200, 8144.65.300	131 2.0 D	3/78-1/84	1995 ccm	44 kW (60 PS)	88 / 4	IN	PFIA035 (PIVE001)	4733348	40,9x8,0x121,9	30	1
	132 2.0 D	3/78-5/81						4813760			
ENG. 8142.61	131 2.5 D	6/78-12/84	2445 ccm	53 kW (72 PS)	93 / 4	IN	PFIA029 (PIVE003)	7701462677	41,0x8,0x120,8	30	1
	Campagnola 2.5 D	6/79-10/86						4757358			
ENG. 8144.61	132 D Argenta Daily/Ducato/Grinta	78 →	2445 ccm	53 kW (72 PS)	93 / 4	IN	PFIA029 (PIVE003)	7301820	41,0x8,0x120,8	30	1
		81 →						504069200			
		78 →						7701030863			
ENG. 8140.61	Combi/Daily/Grinta 2.5 D	79 →	2445 ccm	53 kW (72 PS)	93 / 4	EX	PFIA030 (PIVE002)	7701462678	32,9x8,0x122,0	45	1
								7701463603			
ENG. 127 A5.000	127 1.3 D 147 1.3 (BR) Fiorino 1.3 D Uno 1.3 D	4/81-5/83	1297 ccm	33 kW (45 PS)	76 / 4	IN	PFIA038	4424173	34,0x8,0x112,0	45	1
		3/82-8/93						4424174			
ENG. 146 B1.000	Fiorino 1.3 D Uno 1.3 D	6/83-3/92	1297 ccm	33 kW (45 PS)	76 / 4	EX	PFIA039	29,0x8,0x112,0	34,0x8,0x112,0	45	1
		3/82-12/87									
ENG. 156 A5.000	Panda 1.3 D	5/83-3/92	1297 ccm	27 kW (37 PS)	76 / 4	EX	PFIA039	29,0x8,0x112,0	34,0x8,0x112,0	45	1
		3/86-8/92									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8060.25.4600	Series 315.8.18	6/91 →	5499 ccm	130 kW (177 PS)	103 / 6	IN	PFIA041	4824416	45,5x8,0x125,5	30	1
ENG. 8035.05.200, 206, 208, 265, 306, 307, 308, 309	Series 60/60, CL/60, DT/60, LM, 60 LM DT, 60-46, 60-56, 60-65, 60-66, 60-75, 60-85, 60-86, F 4 M, FL 4 M	3/84 →	2931 ccm	42-44 kW (57-60 PS)	104 / 3		(PIVE022)	1904656 4784888 4803805 1908408 353722 4824417 98435622			
ENG. 8040.05.200, 203, 230, 232, 233, 235	Series 60-90/A 60-9/50-9/ 60-9/65-9 Zeta	1/87-12/92	3908 ccm	65 kW (88 PS)	104 / 4			99432652			
ENG. 8040.25B.4200	60/65 E 10 EuroCargo	1/91-5/96	3908 ccm	75 kW (102 PS)	104 / 4			4784889	37,5x8,0x125,5	45	1
ENG. 8040.25R.4200	79 E 12 EuroCargo	86-91	3908 ccm	85 kW (115 PS)	104 / 4	EX	PFIA042	4784890			
ENG. 8040.25X.4000, 4947	60/65/75 E 12 EuroCargo	1/91-5/96	3908 ccm	85 kW (116 PS)	104 / 4		(PIVE023)	4784490 4789890 4806717 4806718 1904654 1904655 1904666 1908409 1908410 99432717 99432718			
ENG. 8040.25.200, 201, 202, 203, 207, 208, 220, 222, 223, 225, 229, 231, 233, 234, 400, 420	60/65/75 E 12 EuroCargo 79-12/60-11/65-12/79-12 TurboZeta	86-12/92	3908 ccm	74-85 kW (101-115 PS)	104 / 4						
ENG. 8040.45D.5100, 5101, 5103, 5105 Euro 2	65/75 E 12 EuroCargo 75 E 14 EuroCargo	1/94 →	3908 ccm	85 kW (115 PS)	104 / 4						
ENG. 8040.45X.4180, 4182, 8040.45.410 Euro 1	60/65/75 E 14 EuroCargo	1/91-5/96	3908 ccm	100 kW (136 PS)	104 / 4						
ENG. 8040.45.4000, 4010, 4020, 4030, 4035, 4050, 4090, 4180, 4300, 4303, 4305, 4380, 4381, 4800	60/65/75/80 E 14 EuroCargo	1/91-4/01	3908 ccm	100 kW (136 PS)	104 / 4						
ENG. 8040.45.5200, 5201, 5203, 5205, 5280, 5281 Euro 2	65/75 E 14 EuroCargo	96 →	3908 ccm	100 kW (136 PS)	104 / 4	IN IN EX	PFIA182 PFIA259 PFIA183		45,5x8,0x125,5 45,5x8,0x125,5 37,5x8,0x125,5	30 45 45	1 1 1

Grubość grzybka +0,70 [mm]




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. RHV	Ducato 10/14/15 2.0 JTD	10/01 →	1997 ccm	63-68 kW (86-92 PS)	85 / 4	IN	PFIA059	0948.95 9624774280	35,6x6,0x107,1	45	9
	Ducato II 2.0 JTD 8V	4/02-7/06				EX	PFIA060	0949.96 9624774580	33,8x6,0x107,1	45	9
ENG. RHZ (DW10ATED)	Scudo 2.0 JTD	10/99 →	1997 ccm	80-81 kW (109-110 PS)	85 / 4						
	Ulysse 2.0 JTD	7/99-9/02									
ENG. RHX	Scudo 2.0 JTD	10/99 →	1997 ccm	80 kW (109 PS)	85 / 4						
ENG. 182 A7.000	Barchetta 1.9 TD	03/96 →	1910 ccm	74 kW (101 PS)	82 / 4	IN	PFIA063	46527855	37,5x8,0x114,5	45	9
	Brava/Bravo 1.9 TD	3/96-9/01						7798620			
	Marea 1.9 TD	10/96-2/99				EX	PFIA064	46527856	31,0x8,0x114,5	45	9
	Marengo 1.9 TD	1/97-2/99						7783225			
ENG. 182 A8.000	Barchetta 1.9 TD	03/96 →	1910 ccm	55 kW (75 PS)	82 / 4						
	Brava/Bravo 1.9 TD	3/96-9/01									
	Marea 1.9 TD	10/96-9/02									
	Marengo 1.9 TD	3/99-9/02									
ENG. 185 A2.000	Marea 2.4 TD	10/96-2/99	2381 ccm	91 kW (124 PS)	82 / 5						
ENG. 223 A6 .000 Euro 3	Doblò 1.9 D	01 →	1910 ccm		82 / 4						
	Doblò Cargo 1.9 D	01 →									
	Palio 1.9 D	01 →									
	Strada 1.9 D	01 →									
ENG. 188 A3.000 Euro 2 - 3	Punto 1.9 D	99 →	1910 ccm		82 / 4						
	Punto Van 1.9 D	99 →									


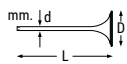




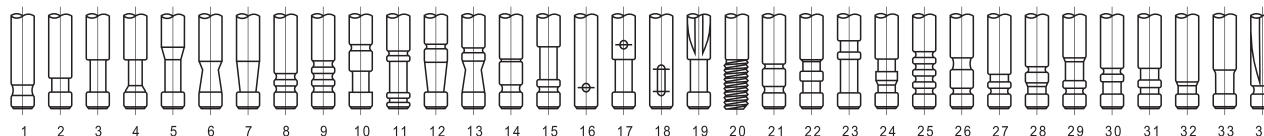
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
FIAT / IVECO DIESEL											
ENG. 937 A7.000	Stilo 1.9 JTD	10/01 →	1910 ccm	85 kW (115 PS)	82 / 4	IN	PFIA065	46750859	35,5x8,0x115,0	45	9
ENG. 839 A5.000	Marea 2.4 JTD 20V	4/99 →	2387 ccm	96-98 kW (131-133 PS)	82 / 5			46478834			
ENG. 223 A6.000	Doblo 1.9 D Palio 1.9 D Strada 1.9 D	7/00-2/01 1/03 → 11/00 →	1910 ccm	46 kW (63 PS)	82 / 4			55193126 60816038 641083			
ENG. 939 A1.000	Croma 1.9 JTD 8V	05 →	1910 ccm		82 / 4	EX	PFIA066	46764378 46416321 46783962 55202630 60814604 60816025 641089	34,5x8,0x115,0	45	9
ENG. 8140.63.4000 Euro 3	Daily III 2.8 TD 35-8	5/99-12/01	2798 ccm	62 kW (85 PS)	94,4 / 4	IN	PFIA071 (PIVE005)	98468338 7701030863 7701463603	43,5x8,0x122,0	30	1
ENG. 8140.63	Ducato 10/14/18 2.8 D	96 →	2798 ccm	64 kW (87 PS)	94,4 / 4	EX	PFIA050 (PIVE013)	99432837 5001836573 0949.A0			
ENG. 8140.67F	New Daily 2.5 D	96 →	2499 ccm	60 kW (82 PS)	93 / 4	IN	PFIA071 (PIVE005)	98468338 7701030863 7701463603	43,5x8,0x122,0	30	1
ENG. 8140.67.2000	30.8 - 35.8 Daily Eco Diesel	90 →	2499 ccm	55-63 kW (75-86 PS)	93 / 4						
	Ducato 2.5D	94 →				EX	PFIA072 (PIVE006)	98418161 7701467249			
ENG. 8140.63.4000 Euro 3	Daily III 2.8 TD 35-8	5/99-12/01	2798 ccm	62 kW (85 PS)	94,4 / 4						
ENG. 8140.63	Ducato 10/14/18 2.8 D	96 →	2798 ccm	64 kW (87 PS)	94,4 / 4						


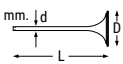




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. F2 BE 0681 C Euro 3 (Cursor 8)	190/260 E 27 EuroTech 190 E 27 Stralis AD/AT	10/98 →	7790 ccm	200 kW (272 PS)	115 / 6	IN	PFIA073 (PIVE007)	500354682 500354685	40,0x8,0x174,5	30	1
ENG. F2 BE 0681 D Euro 3 (Cursor 8)	260 E 24 EuroMover 190/260 E 24 EuroTech 180/190 E 24 EuroTrakker	10/98 →	7790 ccm	180 kW (245 PS)	115 / 6	EX	PFIA074 (PIVE008)	504042365 99456803 500354687 504042363 504078215 99457210	39,0x8,0x173,3	45	1
ENG. F2 BE 0681 CA/DA/DB Euro 3	190/260 E 24 EuroMover	6/00 →	7790 ccm	180 kW (245 PS)	115 / 6						
ENG. F2 BE 0681 E Euro 2	190/260 E 24 EuroMover 260 E 24 EuroTech	6/00 →	7790 ccm	180 kW (245 PS)	115 / 6						
ENG. F2 BE 0681 F Euro 3	190/260 E 31 EuroTech	11/98 →	7790 ccm	228 kW (310 PS)	115 / 6						
ENG. F3 AE 0681 B Euro 3 (Cursor 10)	190/260/440 E 40 EuroStar 190/260/440 E 40 EuroTech 190/260/440 S 40 Stralis AD/AS/AT	7/00 →	10308 ccm	294 kW (400 PS)	125 / 6	IN	PFIA075 (PIVE011)	504042366 500355776	43,0x9,0x202,9	30	1
						EX	PFIA076 (PIVE012)	504042367 500355779	42,0x9,0x201,6	45	1
ENG. F3 AE 0681 D Euro 3 (Cursor 10)	180/190/240/260/400/440 E 43 EuroStar 180/190/240/260/400/440 E 43 EuroTech 190/260/440 S 43 Stralis AD/AS/AT	10/99 →	10308 ccm	316 kW (430 PS)	125 / 6						
ENG. F3 AE 0681 E Euro 3	190/260/440 E 39 EuroStar	11/99-6/02	10308 ccm	287 kW (390 PS)	125 / 6						


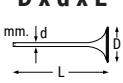




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
FIAT / IVECO DIESEL												
ENG. F3 AE 3681 A Euro 5	190/260/440 E 39 EuroTech	12/06 →	10308 ccm	331 kW (450 PS)	125 / 6	IN	PFIA075 (PIVE011)	504042366 500355776	43,0x9,0x202,9	30	1	
	EX					PFIA076 (PIVE012)	504042367 500355779					
	ENG. F3 AE 3681 B Euro 5					440 S 42 Stralis AT	10308 ccm	310 kW (421 PS)				125 / 6
	ENG. F3 AE 3681 D Euro 5					190/260/440 S 42 Stralis AD/AS/AT	10308 ccm	310 kW (421 PS)				125 / 6
ENG. 192 A5.000	Stilo 1.9 JTD 16V	1/04-9/07	1910 ccm	103 kW (140 PS)	82 / 4	IN	PFIA081	55195535	27,9x6,0x114,4	45	9	
ENG. 939 A1.000	Croma 1.9 JTD	6/05 →	1910 ccm	88 kW (120 PS)	82 / 4			55190248 55202556				
	Grande Punto 1.9 JTD	10/05 →										
ENG. 939 A2.000, 937 A5.000	Bravo II 1.9 JTD 16V	3/07 →	1910 ccm	110 kW (150 PS)	82 / 4			46802049				
	Croma 1.9 JTD 16V	6/05 →						641073				
	Stilo 1.9 JTD 16V	9/05 →						641074				
ENG. 939 A3.000	Croma 2.4 JTD 20V	05 →	2387 ccm		82 / 5	641075						
→ ENG. No. 5192516	Stilo 2.4 JTD 20V	03 →	2400 ccm		82 / 5	EX	PFIA082	93178587 93185523 46787902 55190249 55202557 641385 641386 93178588	25,8x6,0x114,4	45	9	
ENG. RHM (DW10ATED4)	Ulysse 2.0 JTD	5/03 →	1997 ccm	79 kW (107 PS)	85 / 4	IN	PFIA088	9635317980	30,0x6,0x106,2	45	9	
ENG. RHW (DW10ATED4)	Scudo 2.0 JTD	5/99-12/06	1997 ccm	80 kW (109 PS)	85 / 4			1231931				
	Ulysse 2.0 JTD	8/02 →				EX	PFIA089	0948.C0	25,0x6,0x106,2	45	9	
	Ulysse 2.0 JTD 16V	5/99-8/02						9635318480				


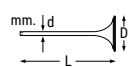




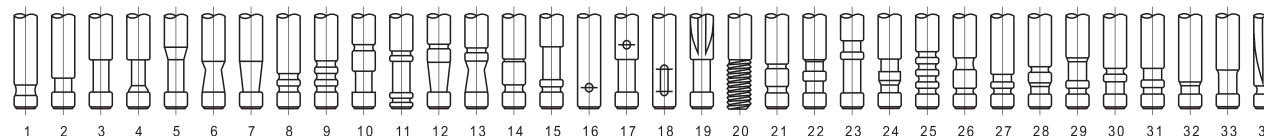
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
FIAT / IVECO DIESEL													
ENG. DW12TED4, 4 HW, 4 HX	Ulysse 2.2 JTD 16V	9/02 →	2179 ccm	94-100 kW (128-136 PS)	85 / 4	IN	PFIA090	9627184380	30,0x6,0x105,0	45	9		
ENG. DW10BTED4	Scudo 2.0 JTD 140 16V	1/07 →	1997 ccm	100 kW (136 PS)	85 / 4			0948.A3					
	Ulysse 2.0 JTD 16V	7/06 →						1231931					
ENG. DW12BTED4	Ulysse 2.2 JTD 16V	12/07 →	2179 ccm	125 kW (170 PS)	85 / 4			EX				PFIA091	9634437580
								3M5Q6507BA					
								8653745					
								9634437580					
								0949.A3					
								1231930					
								3M5Q6505BA					
								8653744					
ENG. B 22/615	Series 242	5/74-1/78	2175 ccm	45 kW (62 PS)	90 / 4	IN	PFIA092	5478734	42,0x8,0x121,5	45	9		
ENG. B 25/637	Series 242	1/79-5/85	2499 ccm	50 kW (68 PS)	93 / 4			5478734G					
ENG. U25/651	Ducato 10/13/14/18 2.5 D	83-93	2499 ccm	54-55 kW (73-75 PS)	93 / 4			EX				PFIA093	95569116
													9555275080
								5471746					
								0948.45					
								5457479	35,0x9,0x121,5	45	9		
								9555275280					
								95569117					
								5414239					
								0949.46					





Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 188 A9.000, 196 A1.000	Doblo 1.3 JTD 16V	5/04 →	1251 ccm	51 kW (69 PS)	69,6 / 4	IN	PFIA153	46518930	22,0x6,0x109,3	45	9
	Idea 1.3 JTD 16V	1/04 →						55195680			
	Palio 1.3 JTD 16V	7/03 →						55219965			
	Panda II 1.3 JTD 16V	10/03 →						641072			
	Punto 1.3 JTD 16V	7/03 →						641077			
	500 1.3 MTJ 16V	07 →						93186090			
	Qubo 1.3 MTJ 16V	09 →						12911-85E00			
ENG. 199 A2.000	Panda II 1.3 JTD 16V	6/06 →	1248 ccm	55 kW (75 PS)	69,6 / 4	EX	PFIA154	46518931	22,0x6,0x109,3	45	9
	Grande Punto 1.3 JTD 16V	10/05 →						55202685			
	Punto EVO 1.3D Multijet 16V	10/09 →						55208213			
ENG. 199 A3.000	Doblo II 1.3 M-Jet 16V	1/10 →	1248 ccm	66-77 kW (90-105 PS)	69,6 / 4			641071			
	Idea 1.3 JTD 16V	10/05 →						641402			
	Linea 1.3 JTD 16V	6/07 →						93177306			
	Grande Punto 1.3 JTD 16V	10/05 →						93190438			
	Punto EVO 1.3D Multijet 16V	10/09 →						12915-85E00			
ENG. F1 AE 0481 A Euro 3	Daily IV 2.3 TD 29 L 10/35 C 10	9/02-3/06	2286 ccm	71 kW (96 PS)	88 / 4	IN	PFIA161	500362855	30,0x6,0x120,4	45	9
	Daily IV 3.0 TD 35 S 10							504069199			
	Daily IV 3.0 TD 35 S 10					EX	PFIA162	500362856	30,0x6,0x120,4	45	9
ENG. F1 AE 0481 B Euro 3	Daily IV 2.8 TD 29 L 12	9/02-3/06	2286 ccm	85 kW (116 PS)	88 / 4						
	Daily IV 3.0 TD 35 C 12/35 S 12										


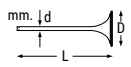




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. F1 AE 0481 C Euro 3	Ducato 11/15/18 2.3 JTD	4/02-8/06	2286 ccm	81 kW (110 PS)	88 / 4	IN	PFIA161	500362855 504069199	30,0x6,0x120,4	45	9
ENG. F1 AE 0481 D Euro 4	Ducato 11/15/17/20 2.3 JTD	6/06 →	2286 ccm	88 kW (120 PS)	88 / 4	EX	PFIA162	500362856	30,0x6,0x120,4	45	9
ENG. F1 AE 0481 F Euro 4	Ducato 11/15/17/20 2.3 JTD	6/06 →	2286 ccm	88 kW (120 PS)	88 / 4						
ENG. F1 AE 0481 F Euro 4	Daily V 29 L 10/35 C 10/35 S 10/40 C 10/40 S	7/06 →	2286 ccm	70 kW (95 PS)	88 / 4						
ENG. F1 AE 0481 M	Daily IV 2.3 TD 29 L 14 Daily IV 3.0 TD 35 C 14/35 S 14	9/02-3/06	2286 ccm	100 kW (136 PS)	88 / 4						
ENG. F1 AE 0481 R Euro 4	Daily V 35 C 12/35 S 12	5/07 →	2286 ccm	85 kW (116 PS)	88 / 4						
ENG. 8025.01	Series 250/255/300	66-12/79	1560 ccm	18 kW (25 PS)	95 / 2	IN	PFIA178 (PIVE018)	4621483 4659379	44,0x8,0x126,0	45	1
ENG. 803.000	Series 612/616	66-71	2340 ccm	28 kW (38 PS)	95 / 3			1901963			
ENG. 8030.01	Series 616	1/71-5/79	2340 ccm	28-37 kW (38-51 PS)	95 / 3			1902205			
ENG. 8035.01.303	Series 400/420/450/455/R 450	1/68-3/86	2338 ccm	28-35 kW (38-48 PS)	95 / 3			60105343			
ENG. 804.000, 8040.01	Series 625	66-71	3120 ccm	40-52 kW (54-70 PS)	95 / 4	EX	PFIA179 (PIVE019)	4658055 4621484 4673608	37,0x8,0x125,8	45	1
ENG. 8045.01	Series 550/555/625/TL 5	66-71	3120 ccm	40-54 kW (52-70 PS)	95 / 4						
ENG. 806.000, 8060.01, 8065.01.000	Series 225/314/416/645/650/655/662	1/60-12/72	4678 ccm	66-81 kW (90-110 PS)	95 / 6				Grubość grzybka +0,50 [mm]		
ENG. 8025.02.001, 004, 304, 311		72 →	1727 ccm	24 kW (32 PS)	100 / 2	IN	PFIA180 (PIVE020)		44,0x8,0x126,0	45	1
ENG. 8030.02		1/71-5/79	2592 ccm	46 kW (62 PS)	100 / 3						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8035.02.201, 202, 210, 212, 261, 265, 276, 300, 302, 310, 312, 350, 353, 355, 356, 361, 365, 376		70 →	2592 ccm	29-46 kW (39-62 PS)	100 / 3	EX	PFIA181 (PIVE021)		37,0x8,0x125,8	45	1
ENG. 8035.06.200, 206, 208, 216, 220, 222, 223, 306, 307, 308, 309, 317, 320, 321, 322, 323		3/84 →	2708 ccm	33-40 kW (40-54 PS)	100 / 3						
ENG. F4 AE 0481 A	75/80/85/90/100/120 E17 EuroCargo	9/00 →	3922 ccm	125 kW (170 PS)	102 / 4	IN	PFIA184	4895052 1404919 3802924 3940735	33,0x7,0x124,6	30	1
	75/80/90/100/120 E18 EuroCargo										
	80/100/120 EL17 EuroCargo					EX	PFIA185	4895051 1404918 1409671	33,0x7,0x124,2	45	1
	120 EL18 EuroCargo										
ENG. F4 AE 0481 C	65/75/80 E15 EuroCargo	8/00-8/03	3922 ccm	110 kW (149 PS)	102 / 4			3802967			
ENG. F4 AE 0481 D	65/75 E13 EuroCargo	8/00-8/03	3922 ccm	95 kW (130 PS)	102 / 4			3940734			
ENG. F4 AE 0681 A	120/130/140/150/160/180/260/320 E28 EuroCargo	9/00 →	5883 ccm	202 kW (275 PS)	102 / 6						
ENG. F4 AE 0681 B	120/130/140/150/180 E24 EuroCargo	9/00-8/03	5883 ccm	176 kW (239 PS)	102 / 6						
ENG. F4 AE 0681 D	80/90/100/120/130/140/150/160/180 E21 EuroCargo	9/00 →	5883 ccm	154 kW (210 PS)	102 / 6						
ENG. F4 AE 0681 E	75/80/90/100/120/130/140 E18 EuroCargo	9/00-8/03	5880 ccm	134 kW (182 PS)	102 / 6						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8060.24.001	Series 80-16 Series 315.8.17	→ 12/88 85-87	5499 ccm	124 kW (169 PS)	103 / 6	IN	PFIA190 (PIVE024)	4802204	44,5x8,0x125,6	30	1
ENG. 8060.24.601	Series 115.17.1/135-17.1	9/83-12/85	5499 ccm	124 kW (169 PS)	103 / 6	EX	PFIA179 (PIVE019)	4658055 4621484 4673608	37,0x8,0x125,8	45	1
ENG. 8060.24.670, 8060.24.671			5499 ccm	118 kW (160 PS)	103 / 6						
ENG. 8060.24.678			5500 ccm	123 kW (167 PS)	103 / 6						
ENG. 8065.24 Turbo	1280-1380		5500 ccm		103 / 6						
ENG. CO 3 D	Series 750/800/805/850/880 Leoncino A15 Cerbiatto Tigrotto 50/55/65/75 OM 80/90/100/110	68 →	4940 ccm	63 kW (85 PS)	110 / 4	IN	PFIA192 (PIVE026) PFIA193 (PIVE027)	8823545 8823548	43,0x8,0x138,0 36,5x8,0x138,0	45	1
		66 →			EX	8823544 8823549					
		66 →									
		66 →									
		66 →									
ENG. CP3	673N/NR/T - 130 R/T OM 100/120/130	68 →	7410 ccm	124 kW (169 PS)	110 / 6	IN	PFIA194 PFIA195	8824754 4821709	43,0x8,0x138,0 36,5x8,0x138,0	45	1
		68 →			EX						
ENG. CN3	650 S/655/655 C		3706 ccm		110 / 3						
ENG. CO3	750/805 C/880		4562 ccm		110 / 4						
ENG. CO3/70	850/850 Super/880		4941 ccm		110 / 4						
ENG. CP3	100 C/120 C/1300		7412 ccm		110 / 6						
ENG. 8340.04.000	Series 50 F 9/65-10/70/75	6/77-12/82	4570 ccm	66-74 kW (90-100 PS)	115 / 4	IN	PFIA196 (PIVE028) PFIA197 (PIVE029)	8824754 4821709	48,5x8,0x137,5	45	1
ENG. 8340.05.000	Series 60/70/90-12/130	77 →	5401 ccm	78 kW (106 PS)	115 / 4	EX		8830045	41,0x8,0x137,5	45	1
ENG. 8340.06.000	Series 50-10/50-9/ 55-10/60-10/65- 10/75-10/79-10	6/77-1/87	4570 ccm	74 kW (100 PS)	115 / 4			8825776			
									Grubość grzybka +0,70 [mm]		
									Grubość grzybka +0,70 [mm]		


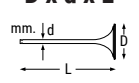




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8360.04.200	Series 110/120/129/130/140/150	5/78 →	6855 ccm	106-107 kW (145 PS)	115 / 6	IN	PFIA198		48,5x8,0x137,5	45	1
						EX	PFIA199		41,0x8,0x137,5	45	1
ENG. 8360.04.300	Series 110/130	5/78 →	6855 ccm	106-107 kW (145 PS)	115 / 6						
ENG. 8360.05.200	Series 150	6/78 →	8101 ccm	117-124 kW (159-169 PS)	115 / 6						
ENG. 8360.05.254	Series 159	6/78 →	8101 ccm	117-124 kW (159-169 PS)	115 / 6						
ENG. 8360.05.300	Series 140/150/159	6/78 →	8101 ccm	117-124 kW (159-169 PS)	115 / 6						
ENG. 8360.05.670/673	Series 160	6/78 →	8101 ccm	117-124 kW (159-169 PS)	115 / 6						
ENG. 8365.05.500	Series 1580	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6						
ENG. 8365.05.520	Series FG 75/95	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6	IN	PFIA196 (PIVE028)	8824754 4821709	48,5x8,0x137,5	45	1
ENG. 8365.05.530/531	Series FE 20/24	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6	EX	PFIA197 (PIVE029)	8830045 8825776	41,0x8,0x137,5	45	1
ENG. 8365.05.560	Series 10 CLGP/FL 10	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6						
ENG. 8365.05.570	Series 10 C/10 CLGP/10 CTA	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6	IN	PFIA198		48,5x8,0x137,5	45	1
ENG. 8365.05.580	Series FR 15	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6						
ENG. 8365.05.590	Series 1355	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6						
ENG. 8365.25.500	Series 160-90/180-90/1580/1880/FA 150/FD 14/FE 28/FG 85/FG 95/FL 14/FR 15/FR 20/FR 158	1/80 →	8101 ccm	118-147 kW (160-200 PS)		EX	PFIA199		41,0x8,0x137,5	45	1
ENG. 8365.25.533	Series FH 300	1/80 →	8101 ccm	118-147 kW (160-200 PS)	115 / 6				Grubość grzybka +0,70 [mm]		
ENG. 8365.25.590	Series 160	1/80 →	8101 ccm	118-147 kW (160-200 PS)	115 / 6						
ENG. 8360.03	150 NC17 - 150NR/NT, 159 NC17	77 →	8100 ccm		115 / 6						
ENG. CO3 - 130T	Tractor 80 C - 90 C	77 →	5401 ccm		115 / 4						

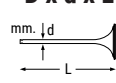


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8060.45S Euro 1 6000, 6010, 6020, 6030, 6040, 6045, 6052, 6070, 6110, 6120, 6130, 6140, 6150, 6203, 6700, 6705, 6706, 6707, 6710, 6711, 6800, 6912	60 E 23 EuroCargo 120/130/135 E 23 EuroCargo 150/170 E 23 EuroCargo 260/280 E 23 EuroCargo 130 E 24 EuroCargo	10/91 →	5863 ccm	167 kW (227 PS)	104 / 6	IN	PFIA200 (PIVE030)	98497235	46,0x9,0x141,2	30	1
						EX		98429886 1908394 99433902 98412705 1908395			
ENG. 8060.45S Euro 2 7200, 7201, 7203, 7205, 7210, 7211, 7213, 7215, 7250, 7251, 7255	120/130/135 E 23 EuroCargo 150/170 E 23 EuroCargo 260/280 E 23 EuroCargo 180 E 23 SuperCargo	96 →	5863 ccm	167 kW (227 PS)	104 / 6	IN	PFIA202 (PIVE032)	98497241	47,0x9,0x142,0	25	1
						EX		98443427 98448462 9848462 4680106			
ENG. 8360.46R.416, 676 Euro 1 ENG. 8360.46R.4106, 6806 Euro 2	180/190 E 24 EuroTech 180/190 E 24 EuroTech	7/92 →	7685 ccm	175 kW (238 PS)	112 / 6	IN	PFIA202 (PIVE032)	98497241	47,0x9,0x142,0	25	1
						EX		98443427 98448462 9848462 4680106			
ENG. 8360.46.415, 417, 507, 6307, 697 Euro 1	150/170/175 E 27 EuroCargo 179/180/190 E 27 EuroCargo 260/320/325 E 27 EuroCargo 150/180/190/320 E 27 EuroTech	9/91 →	7685 ccm	196 kW (267 PS)	112 / 6	IN	PFIA203 (PIVE033)	98497241	42,5x9,0x142,3	45	1
						EX		99438924 1908427 4860107			
ENG. 8360.46.4107, 4205, 4370, 4637, 4649, 4807, 5007, 5105, 5307, 6205 Euro 2	150/170/175 E 27 EuroCargo 179/180/190 E 27 EuroCargo 260/320/325 E 27 EuroCargo	94 →	7685 ccm	196 kW (267 PS)	112 / 6	IN	PFIA203 (PIVE033)	98497241	42,5x9,0x142,3	45	1
						EX		99438924 1908427 4860107			


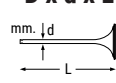




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8460.21.002	Series 175/FA 200/FD 208/FR 206/FR 220/ TX 66	9/86 →	9498 ccm	176-192 kW (239-261 PS)	120 / 6	IN	PFIA204 (PIVE034)	61316814 61320865 61320722 61318428	49,5x9,0x147,3	30	1
ENG. 8460.21.004/006/008/020/042	Series 175	9/86-7/92	9498 ccm	176-192 kW (239-261 PS)	120 / 6	EX	PFIA205 (PIVE035)	61315973 61321255	43,0x9,0x146,0	45	1
ENG. 8460.21 102	190.36 TurboTech 240.36 TurboTech	9/86-9/94 7/90-11/00	9498 ccm	176-192 kW (239-261 PS)	120 / 6	IN	PFIA204 (PIVE034)	61316814 61320865	49,5x9,0x147,3	30	1
ENG. 8460.21 106	240.26 TurboTech	7/90-11/00	9498 ccm	176-192 kW (239-261 PS)	120 / 6			61320722 61318428			
ENG. 8460.41 101	190.32/220.32/240.32 TurboTech	3/89 →	9498 ccm	234 kW (318 PS)	120 / 6	EX	PFIA205 (PIVE035)	61315973 61321255	43,0x9,0x146,0	45	1
ENG. 8460.41, 8469SG.10	190/44DE 400E30 Eurotech / Eurotrakker	91 →	9498 ccm	177 kW (240 PS)	120 / 6						
ENG. 8210.42.009, 011, 101, 115	180/190/240/260/400/440 E 38 EuroStar 180/240/260/400/440 E 38 EuroTech Series 220/240/330/330-36 260.36 TurboStar	7/87 →	13798 ccm	265 kW (360 PS)	137 / 6	IN	PFIA224 (PIVE051)	98480846 4695850	58,9x11,0x169,9	45	1
						EX	PFIA225 (PIVE052)	98479276 99452179	48,8x11,0x169,9	45	1


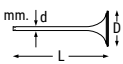




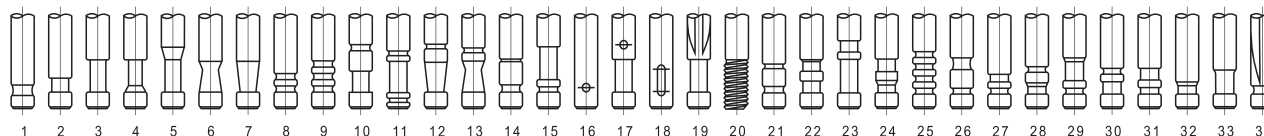
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8210.42K.300, 330, 331, 332, 340, 341, 342, 349, 369, 379, 850, 852, 862, 875, 877 Euro 1	190/260/330/340 E 37 EuroTrakker 380/400/410/440/720 E 37 EuroTrakker	4/92 →	13798 ccm	272 kW (370 PS)	137 / 6	IN	PFIA224 (PIVE051) PFIA225 (PIVE052)	98480846 4695850	58,9x11,0x169,9 48,8x11,0x169,9	45 45	1 1
		9/93 →	13798 ccm	272-276 kW (370-376 PS)	137 / 6	EX		98479276 99452179			
ENG. 8210.42K.3000, 3230, 3300, 3301, 3320, 3330, 3420, 3440, 3690, 3790 Euro 2		9/93 →	13798 ccm	272-276 kW (370-376 PS)	137 / 6						
ENG. 8210.42L.400, 412, 414, 430, 432, 440, 441, 442, 449, 460, 462, 469, 479, 499, 800, 825, 827 Euro 1	190/240/260/400/440 E 42 EuroStar 180/190/240/260/440 E 42 EuroTech 180/190/240/260/340/380/400/410/440/720 E 42 EuroTrakker	4/92 →	13798 ccm	309 kW (420 PS)	137 / 6						
		1/95 →	13798 ccm	309 kW (420 PS)	137 / 6						
ENG. 8210.42L.4000, 4140, 4300, 4301, 4320, 4330, 4400, 4420, 4440, 4490, 4600, 4601, 4610, 4611, 4620, 4640, 4690, 4790, 4880, 4930, 4990 Euro 2	180/190/240/260 E 42 EuroTrakker 340/380/400/410/440 /720 E 42 EuroTrakker 440 E 38 EuroTrakker										
ENG. 8210.42M.5000, 5400, 5600, 5601, 5611, 5620, 5640 Euro 2	190/240/260/380 E 47 EuroStar 400/440/740 E 47 EuroStar	2/96-12/02	13798 ccm	345 kW (470 PS)	137 / 6						
ENG. 8210.22	TurboStar 190.33 TurboTech 190.30 From eng. N. 298109	81 →	13798 ccm	220-235 kW (300-320 PS)	137 / 6						
ENG. 8210.22X	370S30										


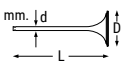




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8210.22V	From eng. N. 298109 EuroTrakker 190/380 EuroTrakker 400/720 E31					IN	PFIA224 (PIVE051)	98480846 4695850	58,9x11,0x169,9	45	1
						EX	PFIA225 (PIVE052)	98479276 99452179	48,8x11,0x169,9	45	1
ENG. 8210.42M	EuroStar 190/240/260 EuroStar 400/440 E7	92 →	13798 ccm	345 kW (470 PS)	137 / 6						
ENG. 8210.22.105	TurboStar 190.33	1/86-12/87	13798 ccm	220-243 kW (300-330 PS)	137 / 6						
ENG. F3 B 3681 B Euro 4	190/260/320 S 50 Stralis AS 440 S 50 Stralis AS	12/06 →	12882 ccm	368 kW (500 PS)	135 / 6	IN	PFIA231 (PIVE055)	500355778	47,0x10,0x199,3	30	1
						EX	PFIA232 (PIVE056)	500355780 504080352	46,0x10,0x198,0	45	1
ENG. F3 BE 0681 A Euro 3	260/440/540 S 54 Stralis AS	2/02 →	12882 ccm	397 kW (540 PS)	135 / 6						
ENG. 8210.12.000	370.12.26	1/80-87	13798 ccm	191 kW (260 PS)	137 / 6	IN	PFIA226 (PIVE053)	4673862 4837679	57,5x11,0x170,0	30	1
ENG. 8210.22.000, 069, 101, 105, 171, 175, 183, 235, 236, 269, 317, 327, 371, 373, 385, 406, 409, 599, 631	Lorraine 300 Series 170/190/220/ 240/250/260/320/ 330/370/190-30/330-30 370 S 24	2/80 →	13798 ccm	220-243 kW (300-330 PS)	137 / 6	IN		98497025 4849522			
						EX	PFIA227 (PIVE054)	4673861 98407026	48,0x11,0x170,0	45	1
ENG. 8210.22.419, 510, 511, 521, 523, 525, 535, 537, 559, 569, 571, 575, 581, 583, 585, 591, 859, 869	Series 190/300/330/370 370 S 24	6/84 → 6/84 →	13798 ccm	220-235 kW (300-320 PS)	137 / 6						
ENG. 8215.22.542	Series FR 20	1/82-12/90	13798 ccm	182 kW (247 PS)	137 / 6	IN	PFIA229 (PIVE009)	98478407 98474603	57,4x11,0x170,0	30	1
ENG. 8210.42			13798 ccm	277 kW (377 PS)							


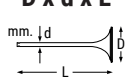




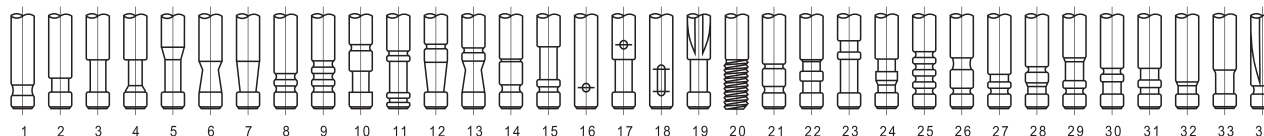
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 8210.42K	Astra HD 7 44.38/64.38/66.38 EuroTrakker MP 190/ /260/340/380/400/ 410/440/720 E37	1/93-11/04	13798 ccm	272 kW (370 PS)	137 / 6	EX	PFIA230 (PIVE010)	98497025 98474604 98497026	47,8x11,0x169,7	45	1
ENG. 8210.42L	Astra HD 7 42.42/44.42/ 64.42/66.42/86.42 EuroStar LD 260/400/ /400/440 E 42 EuroTrakker MP 190/ /260/340/380/400/ 410/440/720 E42	1/96 → 1/93-2/02 1/93-11/04	13798 ccm	309 kW (420 PS)	137 / 6						
ENG. DJ5 T, 8140.47R	Ducato 2.5 TD	7/94 →	2446 ccm	76 kW (104 PS)	92 / 4	IN	PFIA246	96180328 0948.84	41,0x7,0x115,6	45	9
						EX	PFIA247	96267448 0949.90	37,7x7,0x115,4	45	9
ENG. Peugeot	Scudo 1.6 D	06 →	1560 ccm	75 / 4		IN	PFIA257	0948.C7 1229882 30711498 9645024780	25,6x5,5x96,4	45	9
						EX	PFIA258	0949.C3 1229883 30711497 9640840080	23,4x5,5x96,6	45	9


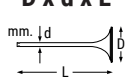




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. DJY	Ducato 10 1.9 D	4/98-10/01	1905 ccm	50-52 kW (68-71 PS)	83 / 4	IN	PFIA268	0948.46 93501279 93501070	38,0x8,0x112,4	30	1
						IN	PFIA268	93510415 96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000			
						EX	PFIA032	50054982 93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052 LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1

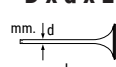




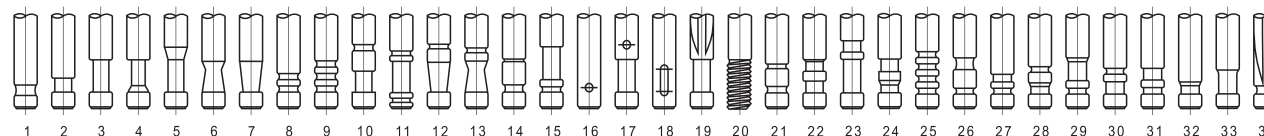
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. DJ5 T, 8140.47R	Ducato 2.5 TD	7/94 →	2446 ccm	76 kW (104 PS)	92 / 4	IN	PFIA269	96095457	36,9x7,0x127,9	45	9
ENG. DK5 ATE	Ducato 2.5 TD	93 →	2446 ccm	94-96 kW (128-130 PS)	92 / 4	EX	PFIA270	97327262 0948.72 96304239 96096146 0949.79	36,9x7,0x127,5	45	9
EN G. 4.203	Series ACF 110 Series ACP 40 / 50	1/71-12/72	3335 ccm	44 kW (60 PS)	91,48 / 4	IN	PFIA271	31431261	39,0x7,9x114,5	45	1
		1/73 →				EX	PFIA272	713151M1 0910001 31431951 713152M1 0910002			
ENG. 4.107	Series FD 3	1/72 →	1753 ccm	18-40 kW (25-55 PS)	79,375 / 4	IN	PFIA273	31431661 0910064	36,0x8,0x117,0	45	1
						EX	PFIA274	31431861 0910061	30,3x8,0x117,0	45	1
ENG. D 3.152	Series 48 Series 520 Series AC 160	1/88 → 1/84 → 1/71-12/75	2503 ccm	35 kW (47 PS)	91,48 / 3	IN	PFIA283	31431281 31431741 732811M1	39,0x7,9x114,3	45	1
ENG. D 4.203	Series 620	1/84 →	3335 ccm	40 kW (54 PS)	91,48 / 4	EX	PFIA284	31431271 31431591 31431731 31431941 737640M1	33,4x7,9x114,3	45	1
						IN	PFIA285				
						EX	PFIA286	364902	33,4x7,9x114,3	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
FIAT / IVECO DIESEL																
ENG. 4.236	Series 84, Series 100	1/69-12/75	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4	IN	PFIA275	31431641	44,4x9,48x123,0	45	1					
		9/86 →						31431103								
	1/80 →	31431163														
	Series 700, Series 820	1/84 →						733819M1								
		Series 3300														
	Series M 100	96-12/75														
Series M 84	1/69-12/75															
ENG. 4.248	Series 175	9/86 →	4064 ccm	53-66 kW (72-90 PS)	101,054 / 4	EX	PFIA276	31431881	36,5x9,46x123,4	45	1					
		1/72-1/80						31431104								
		1/72 →						31431109								
		1/84 →						31431164								
ENG. 6.372	Series 150	1/71-12/75	6100 ccm	87 kW (118 PS)	101,054 / 4											
ENG. 6.372.4	Series 3450		6100 ccm	82-87 kW (112-118 PS)	101,054 / 4	IN	PFIA281	3142H002	44,2x9,5x123,0	30	1					
								EX				PFIA282	3142A052	36,5x9,5x123,5	45	1
								IN				PFIA277	31431402	44,4x9,86x123,0	45	1
													736813M1			
								EX				PFIA278	31431411	36,5x9,53x123,4	45	1
													736815M1			
														Grubość grzybka +1,0 [mm]		
								IN				PFIA279		44,4x9,48x123,0	45	1
	EX	PFIA280		36,5x9,46x123,4	45	1										
ENG. 8365.25.500	FIAT 90 Serie 180-90	01/84 - 12/94	8101 ccm	132 kW (180 PS)	6/115	IN	PFIA248	8824754	48,4x8,0x137,7	45	1					
ENG. 8365.05.500	FIAT 1000 Serie 1580	01/79 - 12/84		114-118 kW (155-160 PS)				EX				PFIA249	8825776	40,9x8,0x138,0	45	1
ENG. 8365.25.500	FIAT 1000 Serie 1880	01/79 - 12/84		132 kW (180 PS)												

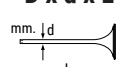




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FIAT / IVECO DIESEL											
ENG. 192 A5.000	Stilo Multi Wagon (192_) 1.9 JTD	01/04 - 08/08	1910 ccm	103 kW (140 PS)	4	IN	PFIA299	55206431	28,0x5,0x114,4	45	9
	Stilo (192_) 1.9 JTD	01/04 - 11/06						55207517			
ENG. 198 A5.000	Bravo II (198_) 2.0 D Multijet (198AXN1B)	09/08 - 12/14	1910 ccm	121 kW (165 PS)	4	EX	PFIA300	55205183	24,4x5,0x114,4	45	9
ENG. 844 A2.000	Bravo II (198_) 2.0 D Multijet (198AXPIB)	09/08 - 12/14	1956 ccm	120 kW (163 PS)	4						
ENG. 937 A5.000	Stilo (192_) 1.9 D Multijet	09/05 - 11/06	1910 ccm	110 kW (150 PS)	4						
	Stilo Multi Wagon (192_) 1.9 D Multijet (192DXT1B)	09/05 - 08/08									
	Bravo II (198_) 1.9 D Multijet (198AXC1B)	04/07 - 12/14									
ENG. 939 A2.000	Croma (194_) 1.9 D Multijet (194AXC1B, 194AXC12)	06/05 - 12/11	1910 ccm	110 kW (150 PS)	4						
ENG. 939 A3.000	Croma (194_) 2.4 D Multijet	06/05 -	2387 ccm	147 kW (200 PS)	5						
ENG. 939 B5.000	Freemont (345_) 2.0 JTD	08/11 -	1956 ccm	100 kW (140 PS)	4						
	Freemont (345_) 2.0 JTD	08/11 -									
	Freemont (345_) 2.0 JTD 4x4	08/11 -									
ENG. 940 A5.000	Freemont (345_) 2.0 JTD	08/11 -	1956 ccm	103 kW (140 PS)	4						
	Freemont (345_) 2.0 JTD	08/11 -									
	FREEMONT (345_) 2.0 JTD 4x4	08/11 -									
ENG. CNG F2BE for natural gas (CNG)	Iveco / Irisbus Cityclass	01/05 - 12/08	7790 ccm	177 kW (240 PS) 200 kW (270 PS)	115/6	EX	PIVE065	504027530	40,0x8,0x173,3	30	1


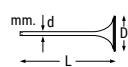




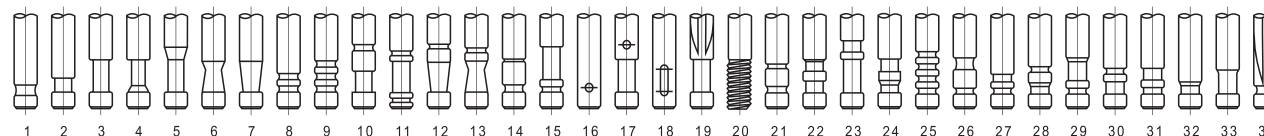
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 			
FORD / FORDSON BENZYNA														
ENG. OHV	Escort 1.1 L/LE	76-83	1117 ccm	39 kW (53 PS)	73,96 / 4	IN	PFOR001	77BM6507DB	38,2x7,88x105,9	45	9			
	Escort Popular	76-83						80BM6507DC						
	Fiesta 1.1 GL/L/S/Ghia	76-83						77BM6505AC						
Courier 1.1	81-85	29,1x7,85x105,6 +0.003"	45	9										
ENG. GSF	Fiesta 1.1	9/83-2/89			1117 ccm	37 kW (50 PS)	73,96 / 4	IN	PFOR066	77BM6507EB	38,2x7,95x105,9	45	9	
	Escort 1.1 L/LE	83 →	1117 ccm	40-43 kW (50-59 PS)				80BM6507EC	29,1x7,93x105,6 +0.015"	45	9			
								77BM6505BC						
								77BM6507FB				38,2x8,26x105,9	45	9
								77BM6505CC						
ENG. JLA	Escort 1.3	2/86-7/90	1299 ccm	44 kW (60 PS)	74 / 4	IN	PFOR003	89SM6507AA	42,0x8,0x135,0	45	9			
	Orion 1.3	4/86-7/90					895M6507AA							
ENG. JPA, JPC	Escort 1.3	9/80-12/85	1297 ccm	51 kW (69 PS)	80 / 4	EX	PFOR004	89SM6505AG	37,0x8,0x132,0	45	9			
	Fiesta 1.3	9/83-1/87						895M6505AG						
	Orion 1.3	9/83-7/88												
ENG. LPA, LP1, LP2	Escort 1.6	9/80-7/90	1599 ccm	58 kW (79 PS)	80 / 4									
	Orion 1.6	9/83-3/86												
ENG. LUA, LUB, LUD	Escort 1.6	9/80-7/90	1599 ccm	70-71 kW (95-97 PS)	80 / 4									
	Fiesta 1.6	3/84-2/89												
ENG. LUC	Escort 1.6	1/86-7/90	1599 ccm	65-66 kW (88-90 PS)	80 / 4									
	Fiesta 1.6	3/84-2/89												
	Orion 1.6	1/86-7/90												
ENG. LUG, LUK, L4B	Escort 1.6/1.6i	8/85-12/94	1599 ccm	65-66 kW (88-90 PS)	80 / 4									
	Orion 1.6	1/86-12/93												
ENG. LJC, LJD	Fiesta 1.6i	3/89-12/96	1599 ccm	76-81 kW (104-110 PS)	80 / 4									

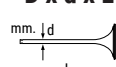


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON BENZYNA											
ENG. LJF, LRA, LRB, LR1, LR2, LJB, LJE	Escort 1.6i Orion 1.6i	Escort 1.6i Orion 1.6i	1599 ccm	75-77 kW (102-105 PS)	80 / 4	IN	PFOR003	89SM6507AA 895M6507AA	42,0x8,0x135,0	45	9
ENG. LHA	Fiesta 1.6i Turbo	7/90-12/96	1598 ccm	98 kW (133 PS)	80 / 4	EX	PFOR004	89SM6505AG 895M6505AG	37,0x8,0x132,0	45	9
ENG. LNA, LNB	Escort 1.6i Turbo	10/84-7/90	1599 ccm	97 kW (132 PS)	80 / 4						
ENG. L6B	Sierra 1.6i	10/89-2/93	1598 ccm	59 kW (80 PS)	80 / 4						
ENG. L3E	Fiesta 1.6	8/81-8/83	1599 ccm	62 kW (84 PS)	80,985 / 4						
ENG. CVH HLI6EFI/T	Escort 1.6 Orion 1.6 Sierra 1.6 Fiesta XR2i	89 → 89 → 89 → 90 →	1598 ccm		80 / 4						
ENG. NSD	Scorpio 2.0i	1/95-12/98	1998 ccm	85 kW (115 PS)	86 / 4	IN	PFOR005	88WM6507BA 95WM6507AA 6153579 7078139	42,6x7,0x108,5	45	9
ENG. NSE, ZVSA	Galaxy 2.0i 16V	2/95-2/06	1998 ccm	85 kW (115 PS)	86 / 4						
ENG. NSF, NSG, NSH	Tourneo 2.0i 16V Transit 2.0i 16V	8/94-7/00 8/84-7/00	1998 ccm	84 kW (114 PS)	86 / 4						
ENG. N9A	Sierra 2.0i 16V	1/87-2/93	1998 ccm	88 kW (120 PS)	86 / 4						
ENG. N9B, N9C, N9D, N9F	Granada 2.0i Scorpio 2.0i Sierra 2.0i	5/89-12/94 5/89-9/94 1/87-2/93	1998 ccm	85-92 kW (115-125 PS)	86 / 4	EX	PFOR006	88WM6505DA 88WM6505EA 95WM6505AA 6184522 6195672	38,0x7,0x108,9	45	9
ENG. NCA	Transit 2.0i	8/91-7/94	1993 ccm	72 kW (98 PS)	90,83 / 4						
ENG. NWN, NYL	Capri 2.0	2/76-4/87	1999 ccm	66 kW (90 PS)	84 / 6						
ENG. NYP	Granada 2.0	1/76-8/85	1999 ccm	66 kW (90 PS)	84 / 6	EX	PFOR020	70HM6507DD 79HM6507JA 6063961 70HM6505DE 6048949	42,0x8,0x111,2	45	9
ENG. NES, N8C, NET	Sierra 2.0	1/87-2/93	1998 ccm	74-77 kW (101-105 PS)	84 / 6						
ENG. N8D, NE4	Scorpio 2.0	4/85-2/92	1998 ccm	75-77 kW (102-105 PS)	84 / 6						
ENG. B, 4RB	Transit 1.6	11/77-10/86	1593 ccm	48 kW (65 PS)	87,68						
ENG. MY	Granada 1.7	8/77-6/79	1699 ccm	54 kW (73 PS)	90 / 4						
ENG. NEJ, MC, NRD, N4B	Sierra 2.0/2.0i	3/85-2/93	1993 ccm	74-75 kW (100-101 PS)	90,83 / 4						


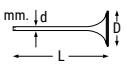




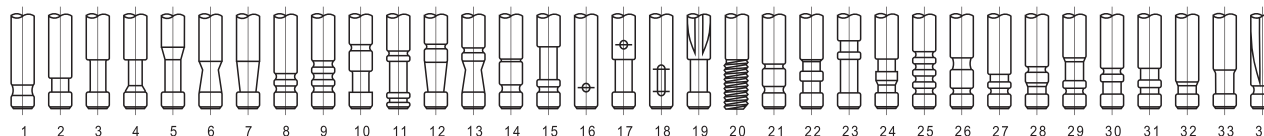
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
FORD / FORDSON BENZYNA																
ENG. NAE	Series P 100 2.0	1/88-12/92	1993 ccm	57 kW (77 PS)	90,83 / 4	IN	PFOR019	70HM6507DD	42,0x8,0x111,2	45	9					
ENG. NAV, C	Transit 2.0	11/85-7/91	1993 ccm	55 kW (75 PS)	90,83 / 4	EX	PFOR020	79HM6507JA	36,0x8,0x110,6	45	9					
ENG. NE	Escort 2.0	8/75-8/80	1993 ccm	77-80 kW (105-110 PS)	90,83 / 4			6063961								
ENG. N6T, NBA	Transit 2.0i	10/88-7/94	1993 ccm	57-66 kW (77-90 PS)	90,83 / 4			70HM6505DE								
ENG. NAT, 4RC	Transit 2.0 A 0407	11/77-7/91 11/86-12/91	1993 ccm	57 kW (77 PS)	90,83 / 4			6048949								
ENG. NEL	Granada 2.0 Scorpio 2.0	4/85-8/89 4/85-8/89	1993 ccm	77 kW (105 PS)	90,83 / 4											
ENG. NEN	Capri 2.0	1/78-4/87	1993 ccm	74 kW (101 PS)	90,83 / 4											
ENG. NEP	Granada 2.0	8/81-8/95	1993 ccm	74 kW (101 PS)	90,83 / 4											
ENG. NER	Scorpio 2.0 Taunus 2.0	9/78-995	1993 ccm	74 kW (100 PS)	90,83 / 4											
ENG. NRA	Granada 2.0i Scorpio 2.0i	4/85-2/92 4/85-2/92	1993 ccm	85 kW (115 PS)	90,83 / 4											
ENG. NRC	Scorpio 2.0i	10/85-12/90	1993 ccm	74 kW (100 PS)	90,83 / 4											
ENG. NRI	Scorpio 2.0i	19/85-1/92	1993 ccm	85 kW (115 PS)	90,83 / 4											
ENG. NRB, NR2, N4A, N4I	Sierra 2.0i	10/85-2/93	1993 ccm	85 kW (115 PS)	90,83 / 4											
ENG. NEK	Granada 2.0	8/81-8/85	1993 ccm	77 kW (105 PS)	90,83 / 4			IN				PFOR019	70HM6507DD	42,0x8,0x111,2	45	9
								IN				PFOR005	79HM6507JA 6063961	42,6x7,0x108,5	45	9
						EX	PFOR020	88WM6507BA 95WM6507AA 6153579 7078139	36,0x8,0x110,6	45	9					
						EX	PFOR006	70HM6505DE 6048949 88WM6505DA 88WM6505EA 95WM6505AA 6184522 6195672	38,0x7,0x108,9	45	9					

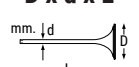



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON BENZYNA											
ENG. FU	Orion 1.4	12/85-7/90	1392 ccm	55 kW (75 PS)	77,25 / 4	IN	PFOR023	86SM6507AA	40,0x8,0x136,5	45	9
ENG. FUAA, F4B	Escort 1.4/1.4i	8/81-9/01	1392 ccm	54-55 kW (73-75 PS)	77,25 / 4	EX	PFOR024	6137194	34,0x8,0x133,2	45	9
ENG. F4A, FUG	Fiesta 1.4i	3/89-12/96	1392 ccm	54 kW (73 PS)	77,25 / 4			86SM6505AD			
ENG. FUA, FUC	Escort 1.4 Orion 1.4	1/86-7/90 3/86-7/90	1392 ccm	54-55 kW (73-75 PS)	77,25 / 4			6162460			
ENG. FUB, FUD, FUF, FUJ, F6A, F6C, F6E	Fiesta 1.4/1.4i	1/86-12/96	1392 ccm	52-55 kW (71-75 PS)	77,25 / 4						
ENG. F6B, F6D, F6F, F6G, FUH	Escort 1.4i Orion 1.4i	1/87-8/98 10/87-12/93	1392 ccm	52-54 kW (71-73 PS)	77,25 / 4						
ENG. RKA, RKB, RKK	Mondeo 1.8i 16V	1/93-9/00	1796 ccm	82-85 kW (112-115 PS)	80,6 / 4	IN	PFOR025	928M6507D1A	32,0x6,0x97,1	45	1
ENG. N7A	Escort 2.0i 16V	5/91-8/96	1998 ccm	108-110 kW (147-150 PS)	86 / 4	EX	PFOR026	6640543	28,0x6,0x96,7	45	1
ENG. RDA Zetec	Escort 1.8i 16V	90-7/97	1796 ccm	77 kW (105 PS)	80,6 / 4			928M6505D2A			
ENG. RQB Zetec	Escort 1.8i 16V	90-7/97	1796 ccm	96 kW (130 PS)	80,6 / 4			6640542			
ENG. RDA, RDB Zetec	Fiesta 1.8i 16V Orion 1.8i 16V	89-96 91-93	1796 ccm	77 kW (105 PS)	80,6 / 4			6911483			
ENG. RQB, RQC Zetec	Fiesta 1.8i 16V Orion 1.8i 16V	89-96 91-93	1998 ccm	93-96 kW (126-130 PS)	80,6 / 4						
ENG. NAA Zetec	Mondeo 2.0i 16V	93-96	1998 ccm		84,8 / 4						
ENG. LUH, L1GJ	Fiesta 1.6i 16V	8/89-12/96	1597 ccm	65-66 kW (88-90 PS)	76 / 4	IN	PFOR027	928M6507C1A	26,0x6,0x97,1	45	1
ENG. LUJ, L1E	Escort 1.6/1.6i 16V Orion 1.6/1.6i 16V	7/90-9/01 7/90-12/93	1597 ccm	65-66 kW (88-90 PS)	76 / 4	EX	PFOR028	928M6507C2A	24,5x6,0x96,6	45	1
ENG. L1F, L1J	Mondeo 1.6i 16V	1/93-9/00	1597 ccm	65-66 kW (88-90 PS)	76 / 4			928M6505C2A			
ENG. FHD	Puma 1.4i 16V	1/98-11/00	1388 ccm	66 kW (90 PS)	76 / 4			948M6505A2A			
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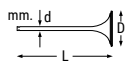




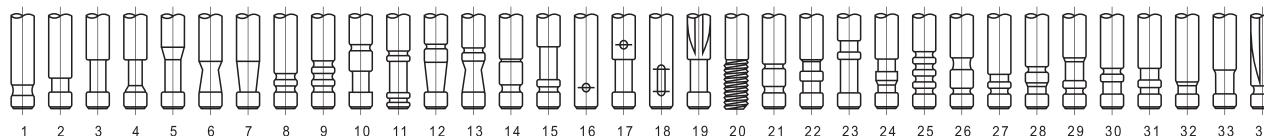
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON BENZYNA											
ENG. DHA, DHB, DHC, DHD, DHE, DHF, DHG - Zetec	Fiesta 1.25i 16V	8/97 →	1242 ccm	55 kW (75 PS)	71,9 / 4	IN	PFOR033	97MM6507A2B 1051772	26,1x6,0x97,7	45	9
						EX	PFOR034	98MM6505A2A 1051770 1069529	22,1x6,0x99,7	45	9
ENG. DHA, DHB, DHC, DHD, DHE, DHF, DHG - Zetec	Fiesta 1.25i 16V	95-7/97	1242 ccm	55 kW (75 PS)	71,9 / 4	IN	PFOR035	96MM6507B1A 96MM6507B2A 1004446 1E05-12111	26,0x6,0x98,0	45	1
						EX	PFOR036	96MM6505B1A 96MM6505B2A 1004444 1E05-12121	22,0x6,0x100,0	45	1
ENG. FHA, FHE, Zetec - SE	Fiesta/Courier 1.4i 16V	96-97	1388 ccm	66 kW (90 PS)	75,9 / 4	IN	PFOR037	97MM6507B2A 1012749	28,0x6,0x97,3	45	1
						EX	PFOR038	97MM6505B2A 1012747	24,0x6,0x99,4	45	1
ENG. Zetec S Up to 10/2000	Focus 1.6i 16V	1596 ccm			79 / 4	IN	PFOR039	1053844 XS74961D XS7E6507C2A	27,0x6,0x98,0	45	9
						EX	PFOR040	1053842 1124512 XS7E6505C2D 1066044	24,5x6,0x97,8	45	9




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON BENZYNA											
ENG. FYDA	Fiesta 1.6i 16V	9/99 →	1596 ccm	74-76 kW (101-103 PS)	79 / 4	IN	PFOR041	98MM6507C2B	30,1x6,0x97,0	45	9
	Focus 1.6i 16V	8/98-5/05						98MM6507C28			
	Focus C-max 1.6i 16V	3/03-3/07						1072048			
ENG. FYDB, FYDC, FYDD, FYDG, FYDH	Puma 1.6i 16V	8/00 →	1596 ccm	ccm 74 kW (101 PS)	79 / 4	IN	PFOR130	1S4G6507CA	30,0x6,0x99,0	45	9
	Focus 1.6i 16V	8/98-5/05						1S4G6507CB			
ENG. FYJA, FYJB	Fiesta 1.6i 16V Fusion 1.6i 16V	11/01 →	1596 ccm	74 kW (101 PS)	79 / 4	EX	PFOR131	1S6C6505BA	24,0x6,0x101,4	45	9
		10/02 →						1S6G6505BA			
								1113189			
ENG. FHA, FHE	Fiesta 1.4i 16V	1/95-12/00	1388 ccm	66 kW (92 PS)	76 / 4	IN	PFOR043	97MM6507B2B	28,1x6,0x97,3	45	9
								1051773			
								98MM6505B2A			
ENG. FHD, FHF	Puma 1.4i 16V	8/97 →	1388 ccm	66 kW (90 PS)	76 / 4	EX	PFOR042	98MM6505B2A	24,1x6,0x99,4	45	9
ENG. FXDA, FXDB, FXDC, FXDD	Focus 1.4i 16V	98 →	1388 ccm	66 kW (90 PS)	76 / 4			98MM6505B2B			
								XS6G6505B2A			
								1051771			
								1069529			
								1101934			


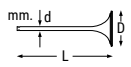




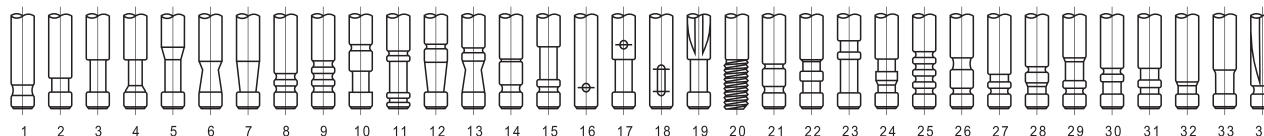
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON BENZYNA											
ENG. GUD, GUE, OHV, HCS	Fiesta 1.1	3/89-12/96	1119 ccm	40 kW (55 PS)	68,7 / 4	IN	PFOR044	89BM6507AA	33,0x7,0x104,0	45	9
ENG. TLB, OHV, HCS	Fiesta 1.0	3/89-12/96	1001 ccm	33 kW (45 PS)	68,7 / 4	EX	PFOR046	6165227	29,0x7,0x104,4	45	9
ENG. GSG, GUC	Courier 1.1	86-90	1119 ccm	40 kW (55 PS)	68,7 / 4			89BM6505CA			
ENG. GUC, GUF, OHV, HCS	Escort 1.1	86-94	1017 ccm		68,7 / 4			1038606			
								1653978			
ENG. GUD, GUE	Fiesta 1.1	3/89-12/96	1119 ccm	40 kW (55 PS)	68,7 / 4	IN	PFOR045	89BM6507BA	34,5x7,0x104,0	45	9
ENG. TKA	Fiesta 1.0	5/76-8/83	957 ccm	29 kW (40 PS)	74 / 4	EX	PFOR046	6165228	29,0x7,0x104,4	45	9
ENG. A9JA, A9JB	Fiesta 1.3i KA 1.3i	11/01 →	1297 ccm	51 kW (70 PS)	74 / 4			89BM6505CA			
		10/02 →						1038606			
ENG. BAA	KA 1.3i	10/02 →	1297 ccm	44 kW (60 PS)	74 / 4			1653978			
ENG. I6A	Escort 1.3i	2/95-10/98	1299 ccm	44 kW (60 PS)	74 / 4						
ENG. JJB	KA 1.3i	9/96-10/02	1299 ccm	37 kW (50 PS)	74 / 4						
ENG. J4D, J4K, J4M, J4P	KA 1.3i	9/96-10/02	1299 ccm	44 kW (60 PS)	74 / 4						
ENG. A9A, A9B	KA 1.3i	ENG. 02 →			74 / 4						
ENG. JBA, JBD	Escort 1.3	ENG. 89 →	1299 ccm		67,8 / 4						
ENG. JBB	Orion 1.3	86 →			67,8 / 4						
ENG. JLA	Courier 1.3	86-90	1300 ccm		67,8 / 4						
ENG. J6B, JBC, JBD	Courier 1.3	91-94	1299 ccm		67,8 / 4						
ENG. J4C, J4J, J4L Endura E	Courier 1.3	95 →	1297 ccm		74 / 4						
ENG. HCS	Fiesta, Escort, Orion	89 →	1300 ccm	40 kW (55 PS)	67,8 / 4						
ENG. L1H, L1K	Escort 1.6i 16V	9/92-9/01	1597 ccm	65-66 kW (88-90 PS)	76 / 4	IN	PFOR047	928M6507E2A	26,0x6,0x97,1	45	9
ENG. L1L, L1J, L1N, L1Q	Mondeo 1.6i 16V	8/96-9/00	1597 ccm	65-70 kW (88-95 PS)	76 / 4	EX	PFOR048	1041830	24,5x6,0x96,7	45	9
ENG. L1T, L1V	Fiesta 1.6i 16V	2/00-12/02	1597 ccm	76 kW (103 PS)	76 / 4			948M6505C2A			
ENG. MHA, MHB ENG. Zetec SE	Puma 1.7i 16V	98 →	1679 ccm	92 kW (125 PS)	80 / 4	IN	PFOR049	1031008-8	30,0x6,0x96,2	45	1
						EX	PFOR050	97MF6507AA 1031007-5 97MF6505AA			


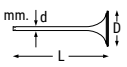




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
FORD / FORDSON BENZYNA											
ENG. RDA	Escort 1.8i 16V	2/92-9/01	1796 ccm	77 kW (105 PS)	80,6 / 4	IN	PFOR051	928M6507F2A	32,0x6,0x97,1	45	9
	Fiesta 1.8i 16V	2/92-12/96						1041838			
Orion 1.8i 16V	2/92-12/93	1796 ccm				77 kW (105 PS)	80,6 / 4	EX	PFOR052	948M6505D2A	28,0x6,0x96,7
ENG. RDB	Fiesta 1.8i 16V		2/92-12/96	1033899							
ENG. RKC	Escort 1.8i 16V	9/95-9/01	1796 ccm	85 kW (116 PS)	80,6 / 4	IN/EX	PFOR051	928M6507F2A	32,0x6,0x97,1	45	9
ENG. RKF, RKH, RKJ	Mondeo 1.8i 16V	8/98-9/00	1796 ccm	85 kW (115 PS)	80,6 / 4						
ENG. RQB	Escort 1.8i 16V	2/92-9/01	1796 ccm	96 kW (130 PS)	80,6 / 4						
ENG. RQC	Fiesta 1.8i 16V	2/92-12/96	1796 ccm	93-96 kW (126-130 PS)	80,6 / 4						
ENG. EDDB, EDCD, EDDF	Focus 1.8i 16V	8/98-5/05	1796 ccm	85 kW (116 PS)	80,6 / 4						
ENG. EDDB, EDCD, EDDF	Focus 2.0i 16V	8/98-5/05	1988 ccm	96 kW (131 PS)	84,8 / 4						
ENG. EDBA, EDBB, EDBC, EDBD	Cougar 2.0i 16V	6/98-12/00	1988 ccm	96 kW (131 PS)	84,8 / 4						
ENG. EDDC	Focus 2.0i 16V	8/98-5/05	1988 ccm	96 kW (131 PS)	84,8 / 4						
ENG. EDBB, EDCD, EDDF	Focus 2.0i 16V	98 →	1988 ccm	96 kW (131 PS)	84,8 / 4						
ENG. NGA, NGC, NGD	Mondeo 2.0i 16V	2/93-9/00	1988 ccm	96-100 kW (131-136 PS)	84,8 / 4						
						IN	PFOR025	928M6507D1A	32,0x6,0x97,1	45	1
						EX	PFOR052	948M6505D2A	28,0x6,0x96,7	45	9
						EX	PFOR026	928M6505D2A	28,0x6,0x96,7	45	1
								6640543			
								6640542			
								6911483			
ENG. EYDB, EYDC, EYDF	Focus 1.8i 16V	8/98-5/05	1796 ccm	85 kW (116 PS)	80,6 / 4	IN	PFOR053	XS7E6507D2A	33,0x6,0x98,0	45	9
ENG. EYPA	Tourneo Connect 1.8i 16V	5/02 →	1796 ccm	81-85 kW (110-116 PS)	80,6 / 4	IN	PFOR053	1053845	28,0x6,0x97,7	45	9
	Transit Connect 1.8i 16V	5/02 →	1988 ccm					1131988			
ENG. EDDB, EDCD, EDDF	Focus 2.0i 16V	98 →	1988 ccm	96 kW (131 PS)	84,8 / 4	EX	PFOR054	XS7E6505D2D			
ENG. CJBA, CJBB Duratec HE	Mondeo 2.0i 16V	98-00	1999 ccm	107 kW (145 PS)	87,5 / 4			1053843			
								1066045			
								1124514			

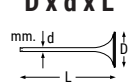




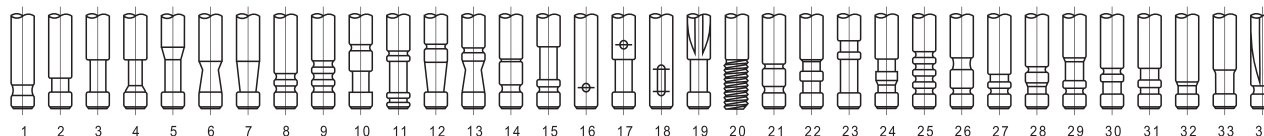
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON BENZYNA											
EN G. OHV	Fiesta 1.0 L/GL/Ghia Courier 1.0	76 → 77-89	957 ccm	30/33 kW (40/45 PS)	73,96 / 4	IN	PFOR061	77BM6507AB 80BM6507AC	33,0x7,88x106,0	45	9
						EX	PFOR002	77BM6505AC	29,1x7,85x105,6 +.003"	45	9
						IN	PFOR062	77BM6507BB 80BM6507BC	33,0x7,95x106,0	45	9
						EX	PFOR063	77BM6505BC	29,1x7,93x105,6 +.015"	45	9
						IN	PFOR064	77BM6507CB	33,0x8,26x106,0	45	9
						EX	PFOR065	77BM6505CC	29,1x8,24x105,6	45	9
ENG. CVH, JLA	Escort 1.3 L/GL/Ghia Orion 1.3 L/GL	80 → 80 →	1295 cmm	51 kW (69 PS)	73,96 / 4	IN	PFOR095	81SM6507KF	42,0x8,0x134,8	45	9
						EX	PFOR096	81SM6505AF	34,0x8,0x134,4 +0,20 [mm]	45	9
						IN	PFOR097	81SM6507NF	42,0x8,2x134,8	45	9
						EX	PFOR098	81SM6505BF	34,0x8,2x131,4	45	9
	U.S.A.: Courier	71 →			4	IN	PFOR120	0290-12-111C D27Z-6507A	42,0x8,1x108,6	45	1
						EX	PFOR121	0305-12-121 D27Z-6505A	33,0x8,1x107,1	45	1
ENG. REC (OHC)	Scorpio 1.8	10/84-12/86	1796 ccm	66 kW (90 PS)	86,2 / 4	IN	PFOR122	85HM6507FA	42,0x8,0x112,2	45	9
ENG. REB, RED, REF (OHC)	Sierra 1.8	4/85-2/92	1796 ccm	59-66 kW (80-90 PS)	86,2 / 4	EX	PFOR123	85HM6505AA 6147911	34,2x8,0x111,7	45	9
ENG. R2A, R6A	Sierra 1.8/1.8i	3/87-2/93	1796 ccm	64-66 kW (87-90 PS)	80 / 4	IN	PFOR128	E7EE6507B2A 1649214	39,0x8,0x136,8	45	9
ENG. R2C	Sierra 1.8	5/88-2/93	1796 ccm	65 kW (88 PS)	86,2 / 4						
ENG. CVH (Low Compression)	Sierra 1.8 GL Pick-up P100	89 →	1796 ccm	66 kW (90 PS)	80 / 4	EX	PFOR129	E7EE6505B2C 1649209	34,0x8,0x134,0	45	9


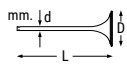




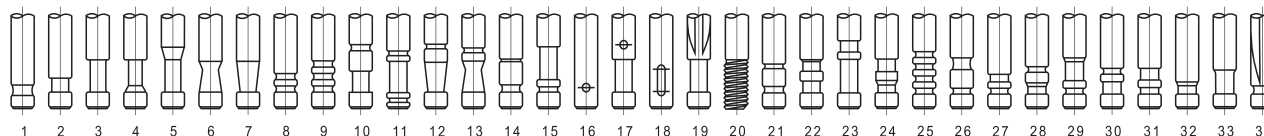
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON BENZYNA											
ENG. HWDA, HWDB	C-MAX 1.6i 16V	4/07-11/10	1596 ccm	74 kW (101 PS)	79 / 4	IN	PFOR130	1S4G6507CA	30,0x6,0x99,0	45	9
	Focus 1.6i 16V	11/04 →						1S4G6507CB			
ENG. HXDA	Focus C-MAX 1.6i 16V	9/03-3/07	1596 ccm	85 kW (115 PS)	79 / 4	EX	PFOR131	1122364	24,0x6,0x101,4	45	9
	Focus 1.6i TI-VCT 16V	11/04 →						1320927			
Focus C-MAX 1.6i 16V	7/04-3/07							30711639			
								C601-12111			
								1S6C6505BA			
								1S6G6505BA			
								1113189			
								30711638			
								C4011-2121			
ENG. CFBA	Mondeo 1.8 SCi 16V	6/03 →	1798 ccm	96 kW (130 PS)	83 / 4	IN	PFOR132	1S7G6507DG	32,5x5,5x103,4	45	1
ENG. CGBA, CHBA	Mondeo 1.8i 16V	10/00 →	1798 ccm	81-92 kW (110-125 PS)	83 / 4			1211483			
ENG. CSDA, CSDB	Focus C-Max 1.8i 16V	6/03-5/04	1798 ccm	88 kW (120 PS)	83 / 4			1324691			
ENG. QQDA, QQDB, QQDC	Focus 1.8i 16V	04 →						8694781			
	C-MAX 1.8i 16V	4/07-11/10	1798 ccm	92 kW (125 PS)	83 / 4	EX	PFOR133	L801-12-111	28,0x5,5x104,6	45	1
Focus C-Max 1.8i 16V	4/04-3/07						1S7G6505DF				
	Focus 1.8i 16V	04 →						1324690			
								8694780			
								L801-12-121C			
ENG. DOHC	Escort RS 2000 16V	91 →	1998 ccm	110 kW (150 PS)	86 / 4	IN	PFOR138	91XM6507AA	33,5x7,0x112,0	45	9
ENG. DOHC	Scorpio 2.3 16V	96 →	2295 ccm	108 kW (147 PS)	89,6 / 4			91XM6507AC			
ENG. DOHC-EFI	Galaxy 2.3 16V	97 →	2295 ccm	107 kW (145 PS)		EX	PFOR139	91XM6505AB	30,0x7,0x111,7	45	9


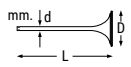




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON BENZYNA											
ENG. AODA, AODB	C-MAX 2.0i 16V Focus 2.0i 16V	4/07-11/10 11/04 →	1999 ccm	107 kW (145 PS)	87,5 / 4	IN	PFOR140	1S7G6507CE 6C1G6507AA	35,0x5,5x103,4	45	1
ENG. CJBA	Mondeo 2.0i 16V	10/02 →	1999 ccm	107 kW (145 PS)	87,5 / 4	EX	PFOR141	1124378 1213175 1324132 1374186	30,0x5,5x104,6	45	1
ENG. CJBB	Focus C-MAX 2.0i 16V Mondeo 2.0i 16V S-max 2.0i 16V	4/04-3/07 10/02 → 3/06 →	1999 ccm	107 kW (145 PS)	87,5 / 4						
ENG. N4JB ENG. AOWA	Fiesta 2.0i 16V Mondeo 2.0i 16V S-max 2.0i 16V Galaxy 2.0i 16V	11/04 → 07 → 06 → 07 →	1999 ccm	107 kW (145 PS)	87,5 / 4						
EN G. Cosworth (DOHC)	Sierra 2.0i RS Turbo 16V Sierra 2.0i Turbo 16V - 4x4	88 → 88 →	1993 ccm	150-167 kW (204-227 PS)	90,8 / 4	IN EX	PFOR143 PFOR144	86SM13359A 46GG7037B	35,0x7,0x105,6 31,0x8,0x105,8	45 45	1 1
ENG. AAA, AMY	Galaxy VR6 2.8i	2/95-3/00	2792 ccm	120-128 kW (163-174 PS)	81 / 6	IN EX	PFOR221 PFOR222	021109601E 021109601H 021109601J 021109601K 021109601L 95WW6507AA 1004128 1072283 1031317 021109611D 021109611F 021109611G 95VW6505AA 1031316 1004127	39,0x7,0x106,0 34,3x7,0x107,0	45 45	9 9

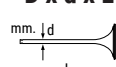




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON BENZYNA											
ENG. FXJA, FXJB	Fiesta 1.4i 16V Fusion 1.4i 16V	11/01 → 10/02 →	1388 ccm	59 kW (80 PS)	76 / 4	IN	PFOR225	1S4G6507BA 1S4G6507BB	28,0x6,0x99,4	45	9
ENG. ASD	Focus 1.4i 16V	11/04 →	1388 ccm	59 kW (80 PS)	76 / 4	EX	PFOR131	1151997 1320926 C4011-2111A C6011-21111 1S6C6505BA 1S6G6505BA 1113189 30711638	24,0x6,0x101,4	45	9
						EX	PFOR042	C4011-2121 98MM6505B2A 98MM6505B2B XS6G6505B2A 1051771 1069529 1101934	24,1x6,0x99,4	45	9
ENG. B 5254 T	Focus ST 2.5i Turbo 20V Mondeo 2.5i Turbo 20V S-Max 2.5i Turbo 20V	10/05 → 4/07 → 3/06 →	2521 ccm	162 kW (220 PS)	83 / 5	IN	PFOR232	7438610007 1397641-0	31,0x7,0x104,0	45	9
						EX	PFOR233	7438610008 1366882-7 1366490 9471466	27,0x7,0x103,2	45	9
EN G. HUWA	Mondeo 2.5i Turbo S-Max 2.5i Turbo	07 → 07 →	2521 ccm	162 kW (220 PS)	83 / 5	IN	PFOR236	9454607 1369828	31,0x6,0x104,3	45	9
						EX	PFOR237	9454610 1369831	27,0x6,0x103,3	45	9


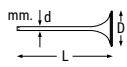




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON DIESEL											
ENG. LTA, LTC, D16	Courier 1.6 D	84 →	1608 ccm	40 kW (54 PS)	80 / 4	IN	PFOR007	84FM6507AB	34,9x8,0x107,3	45	9
	Escort 1.6 D	84 →						84FM6507AC			
	Fiesta 1.6 D	84 →						1631007			
	Orion 1.6 D	84 →						84FM6505AC			
						EX	PFOR009	84FM6505AC 161002	31,0x8,0x108,6	45	9
						IN	PFOR008	84FM6507BB 84FM6507BC 1631002	I nadwymiar 34,9x8,2x107,3	45	9
						EX	PFOR010	84FM6505BC	31,0x8,2x108,6	45	9
ENG. RTA, RTB	Escort 1.8 D	1/89-7/90	1753 ccm	44 kW (60 PS)	82,5 / 4	IN	PFOR011	89FF6507AA	36,5x8,0x107,1	45	9
	Escort Van 1.8 D	86-90						1078433			
	Orion 1.8 D	1/89-7/90						6172851			
ENG. RTC, RTD, RTG, RTJ, RTK	Fiesta 1.8 D	3/89-6/01	1753 ccm	44 kW (60 PS)	82,5 / 4			6702150			
ENG. RTE, RTF, RTH	Escort 1.8 D	8/90-9/01	1753 ccm	44 kW (60 PS)	82,5 / 4	IN	PFOR180	6781619	36,5x8,0x107,0	45	9
	Orion 1.8 D	7/90-12/93						6616472			
	Courier 1.8 D	88 →						6172854			
ENG. RFU	Fiesta 1.8 TD	3/93-11/95	1753 ccm	57 kW (77 PS)	82,5 / 4			89FF6507FA			
ENG. RFA, RFB, RFL	Sierra 1.8 TD	8/88-2/93	1753 ccm	55 kW (75 PS)	82,5 / 4	IN	PFOR180	89FF6507FB	36,5x8,0x107,0	45	9
	Series P 100 1.8 TD	2/89-12/92						93FF6507AA			
ENG. RFD, RFK, RFS	Escort 1.8 TD	6/93-9/01	1753 ccm	66 kW (90 PS)	82,5 / 4	IN	PFOR180	93FF6507AF	36,5x8,0x107,0	45	9
	Orion 1.8 TD	3/93-12/93						6781621			
ENG. RFM, RFN	Mondeo 1.8 TD	6/93-9/00	1753 ccm	65-66 kW (88-90 PS)	82,5 / 4			1012773			
ENG. 1.8 N/A TD	Granada 1.8 TD	92 →	1753 ccm	65 kW (88 PS)	82,5 / 4	EX	PFOR013	89FF6505AA	32,0x8,0x109,2	45	9
	Scorpio 1.8 TD	92 →						1078429			
								1352129			
						EX	PFOR179	6172845 93FF6505AA 89FF6505FA 6172848	32,0x8,0x109,3	45	9
						IN	PFOR012	89FF6507BA	I nadwymiar 36,5x8,2x107,1	45	9
						EX	PFOR014	89FF6505BA	32,0x8,2x109,2	45	9

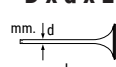




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON DIESEL											
ENG. 4DA	Transit 2.5 DI	8/91-7/94	2496 ccm	59 kW (80 PS)	93,67 / 4	IN	PFOR015	844F6507A1B 894F6507AA 894F6507A1B	42,0x9,0x124,5	30	9
ENG. 4FA, 4FB, 4FC, 4FD	Tourneo 2.5 D Transit 2.5 DI	8/94-8/00 8/91-8/00	2496 ccm	51-52 kW (69-70 PS)	93,67 / 4			1050570 6594645			
ENG. 4HB, 4HC	Tourneo 2.5 D Transit 2.5 DI	8/94-8/00 8/94-8/00	2496 ccm	56 kW (76 PS)	93,67 / 4						
ENG. 4AB, 4BA, 4CA (50 kW)	Transit 2.5 D A 0407	11/85-9/91 1/86-12/99	2496 ccm	50 kW (68 PS)	93,67 / 4	EX	PFOR016	844F6505A1B 894F6505AA 894F6505A1B	36,3x9,0x123,9	45	9
ENG. 4EA, 4EB, 4EC	Transit 2.5 TD/TDi	8/91-8/00	2496 ccm	74 kW (100 PS)	93,67 / 4			6200033			
ENG. 4GA, 4GB, 4GC	Tourneo 2.5 TDi Transit 2.5 DI	8/94-8/00 8/94-8/00	2496 ccm	63 kW (85 PS)	93,67 / 4			6594643			
ENG. RF	Econovan	85 →	1998 ccm	53 kW (72 PS)	86 / 4	IN EX	PFOR017 PFOR018	RF01-12-111 RF01-12-121 RF01-12-121B	41,0x8,0x107,0 36,0x8,0x106,8	45 45	1 1
ENG. AFN	Galaxy 1.9 TDI	9/96-3/00	1896 ccm	81 kW (110 PS)	79,5 / 4	IN	PFOR021	028109601D 028109601K 1079769	36,0x7,0x96,85	45	9
ENG. 1Z, AHU	Galaxy 1.9 TDI	2/95-3/00	1896 ccm	66 kW (90 PS)	79,5 / 4	IN	PFOR031	028109601A 028109601H 046109601G 046109601H 046109601J 049109601J 1669766 9186565	36,0x8,0x96,8	45	9
						EX	PFOR022	028109611G 1049788	31,5x7,0x96,8	45	9
						EX	PFOR032	046109611C 046109611E 046109611F 1669772 9186566	31,5x8,0x96,9	45	9

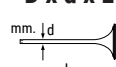




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON DIESEL											
ENG. LXD 2, YTR, YTT	Granada 2.3 D Scorpio 2.3 D Sierra 2.3 D	10/82-2/85	2304 ccm	49 kW (67 PS)	94 / 4	IN	PFOR029	83EM6507AA 0948.37	40,4x8,5x116,2	30	1
		10/82 → 8/82-9/89				EX	PFOR030	78EM6505AA 7932567888 79325679 0949.25 0949.39	33,4x8,5x116,2	45	1
ENG. ANU	Galaxy 1.9 TDI	4/00 →	1896 ccm	66 kW (90 PS)	79,5 / 4	IN	PFOR055	038109601B 1100679	35,9x7,0x89,9	45	9
ENG. AUJ	Galaxy 1.9 TDI	4/00 →	1896 ccm	85 kW (116 PS)	79,5 / 4	EX	PFOR056	038109611B 038109611F 1100678	31,5x7,0x90,0	45	9
ENG. ASZ	Galaxy 1.9 TDI	1/03 →	1896 ccm	96 kW (130 PS)	79,5 / 4						
ENG. BTB	Galaxy 1.9 TDI	1/05 →	1896 ccm	110 kW (150 PS)	79,5 / 4						
EN G. VM932B (HS429)	Granada 2.5 TD Scorpio 2.5 TD	96-99	2498 ccm	87 kW (118 PS)	92 / 4	IN	PFOR057	V94DD6507AA 60507189 116760330001 20360026 20360026A 2036019 04720146 AEU2296 AEU2296L	40,0x8,0x121,0	35	1
		96-99				EX	PFOR058	V94DD6505AA 60504864 60540864 195590330100 116760330101 2037018 04720148 LGH10041 RTC4116	34,0x8,0x121,0	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON DIESEL											
ENG. ABFA, ABFB	Tourneo 2.0 DI 16V	8/00 →	1998 ccm	74 kW (100 PS)	86 / 4	IN	PFOR059	XS7Q6507A1B	29,8x7,0x122,2	30	9
	Transit 2.0 Tddi 16V	8/00 →						XS7Q6507A1C			
ENG. D3FA	Transit 2.0 DI	3/99 →	1998 ccm	55 kW (75 PS)	86 / 4	EX	PFOR060	XS7Q6507A2B	25,8x7,0x122,2	45	9
ENG. D5BA	Mondeo 2.0 DI 16V	10/00 →	1998 ccm	63-66 kW (85-90 PS)	86 / 4			1121331			
ENG. D6BA	Mondeo 2.0 TDCI 16V	10/00-8/02	1998 ccm	85 kW (116 PS)	86 / 4			1121333			
ENG. FMBA	Mondeo 2.0 TDCI 16V	3/04 →	1998 ccm	96 kW (131 PS)	86 / 4			1216915			
ENG. F3FA	Transit 2.0 TDCI 16V	8/00 →	1998 ccm	63-92 kW (85-125 PS)	86 / 4			XS7Q6505A2B			
ENG. HJBA, HJBB, HJBC	Mondeo 2.0 TDCI 16V	10/01 →	1998 ccm	90 kW (122 PS)	86 / 4			2S7Q6505A1B			
ENG. QJBA	Mondeo 2.2 TDCi 16V	04 →	2198 ccm	74 kW (100 PS)	86 / 4			1121332			
ENG. H9FD	Transit 2.4 16V	00 →	2402 ccm		86 / 4			1132466			
ENG. F6JA, F6JB	Fusion 1.4 TDCi	10/02 →	1398 ccm	50 kW (68 PS)	73,7 / 4	IN	PFOR173	1145933	32,8x5,5x97,5	45	9
	Fiesta 1.4 TDCi	10/02 →						1152191			
	Fiesta Van 1.4 TDCi	04 →						0948.C2			
						EX	PFOR174	Y401-12-111			
								SU00100551			
								1145932	30,2x5,5x97,5	45	9
								1152190			
								1202362			
								0949.B1			
								Y401-12-121			
								SU00100552			
ENG. BHDA, BHDB	Focus 1.8i DI	8/99-9/01	1753 ccm	55 kW (75 PS)	82,5 / 4	IN	PFOR181	1113197	36,5x7,96x107,0	45	9
ENG. C9DA, C9DB	Focus 1.8i DI	1/99-9/0	1753 ccm	67 kW (91 PS)	82,5 / 4			XS4Q6507AB			
ENG. C9DC	Fiesta 1.8 TDCi	00 →	1753 ccm	67 kW (91 PS)	82,5 / 4	EX	PFOR182	1198044	32,0x7,96x108,7	45	9
	Focus 1.8i DI	1/99-5/05						1352129			
								1078429			




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON DIESEL											
ENG. RTN, RTP, TRQ, F9DA, F9DB ENG. FFDA ENG. HCPA ENG. HCPA, HCPB ENG. RTN, RTP, RTQ ENG. KKDA	Fiesta 1.8 TDCi	00 →	1753 ccm		82,5 / 4	IN	PFOR181	1113197	36,5x7,96x107,0	45	9
	Focus 1.8 TDCi	02 →						XS4Q6507AB			
	Tourneo 1.8 TDCi	01 →						1198044			
	Transit 1.8 TDCi	01 →						1352129			
	Courier 1.8 Tddi	00 →						1078429			
Focus C-MAX 1.8 TDCi	05-07										
Mondeo 1.8 TDCi	07 →										
ENG. STP, XD 3P	Granada 2.5 D	8/82-8/85	2498 ccm	51-58 kW (69-79 PS)	94 / 4	IN	PFOR188	83EM6507BB	42,5x8,5x116,0	45	1
ENG. STR	Granada 2.5 D Scorpio 2.5 D	4/85-2/92 12/85-2/92	2498 ccm	51 kW (69 PS)	94 / 4	EX	PFOR189	93500418 0948.44 0948.49 0948.53 93500889 0949.45 0949.50			
ENG. DOFA, DT24H	Transit 2.4 TDDi	9/99 →	2402 ccm	85-92 kW (116-125 PS)	89,9 / 4	IN	PFOR190	YC1Q6507A1B	31,3x7,0x122,2	30	9
ENG. D2FA, F4FA	Transit 2.4 DI 16V	1/00-5/06	2402 ccm	55-66 kW (75-90 PS)	89,9 / 4			YC1Q6507A2B			
ENG. DT24N, DT24P	Transit 2.4 TD	9/99 →	2402 ccm	55-66 kW (75-90 PS)	89,9 / 4			1096250			
ENG. D2FE	Transit 2.4 TDDI 16V	00 →	2402 ccm		89,9 / 4			1254284			
						EX	PFOR191	YC1Q6505A2B	28,0x7,0x122,2	45	9
								1096248			
								1096247			
								1254282			
ENG. 2708 E	6D	ENG. 65-81	5494 ccm	61 kW (83 PS)	100,775 / 6	IN	PFOR196	723F6507G	45,0x9,5x155,5	30	32
ENG. 592 E	4D Thames Trader Major/Super-Major	ENG. 52-65	3611 ccm	51 kW (69 PS)	100,775 / 4	EX	PFOR197	723F6507GAA			
ENG. 2700, 2701 E	D 300/D 800 Combine 630/640 Tractor 240	ENG. 65-69	3966 ccm	61 kW (83 PS)	104,775 / 4		723F6505A				
								723F6505GAA	39,0x9,5x156,5	30	32
								813F6505DAA			


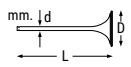




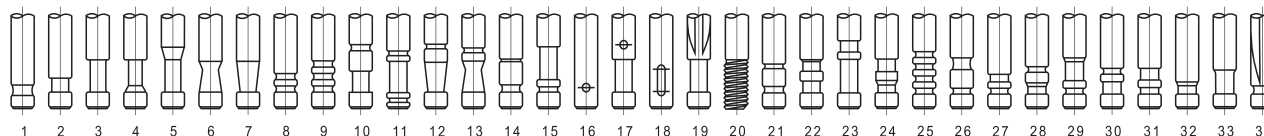
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON DIESEL											
ENG. 2703 E	6D	65-81	5939 ccm	61 kW (83 PS)	104,775 / 6	IN	PFOR196	723F6507G	45,0x9,5x155,5	30	32
ENG. 2704 E	D 300/D 800 Tractor 330 Combine 630/640	65-69				EX	PFOR197	723F6507GAA 723F6505A 723F6505GAA 813F6505DAA	39,0x9,5x156,5	30	32
ENG. 2706 E	4D	65-81	3966 ccm	61 kW (83 PS)	104,775 / 6						
ENG. 2709 E	6D	65-81	5944 ccm	97 kW (130 PS)	104,775 / 6						
ENG. 2711 E	Cargo 0610/Tractor 254	69-81	4161 ccm	55 kW (75 PS)	107,21 / 4						
ENG. 2712 E	Cargo 0610 Tractor 254/255 Combine 1520	69-81	4161 ccm	50-59 kW (68-80 PS)	107,21 / 4						
ENG. 2714 E	Cargo 0610/Tractor 380	69-81	6277 ccm	77 kW (105 PS)	107,21 / 4						
ENG. 2715 C	Tractor 6500		6277 ccm	82 kW (112 PS)	107,21 / 4						
ENG. 2715 E	Combine 1545/8050/ 8060 Tractor 7095/8060	12/86 →	6277 ccm	77-86 kW (105-117 PS)	107,21 / 4						
ENG. 2713E-365 cu.in.	D/N Series R Series Coach	69-1/82	5948 ccm	70/80 kW (95/109 PS)	104,775 / 6						
ENG. 2713E-365 cu.in.	D/N Series	1/81-9/81	5948 ccm	70/80 kW (95/109 PS)	104,775 / 6						
ENG. 5.640 ENG. 6.640	Ford Genesis New Holland					IN	PFOR200	E9NN6507AC 81865092 82850550 82850530	47,5x9,44x146,8	30	32
						EX	PFOR201	E9NN6505EC 81865085	43,0x9,41x146,3	45	32


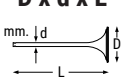




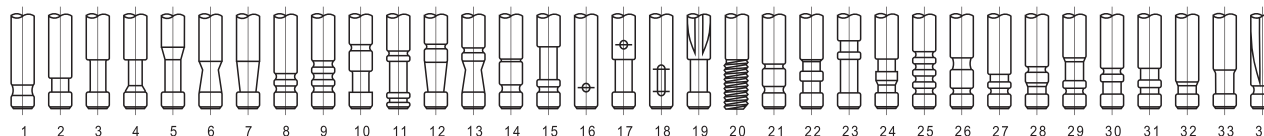
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON DIESEL											
ENG. 4D	Fordson Major/County Thames Trader	52-56	3260 ccm		100 / 4	IN	PFOR206	EIADDN6507	44,0x9,5x158,5	30	32
		52-56				EX	PFOR208	EIADDN6505C	39,0x9,5x156,7	30	3
ENG. 4D 592E-220 cu.in	Fordson Super Major Thames Trader	57-65 57-65	3610 ccm	51 kW (69 PS)	100 / 4						
ENG. 6D 590E-330 cu.in	Fordson Super Major Thames Trader	57-65 57-65	5416 ccm	80 kW (108 PS)	100 / 6						
ENG. 2502 E	A 0509 Tractor 2000, 2310, 2600, 2810	74-83 65 →	2589 ccm	25-30 kW (34-41 PS)	106,68 / 3	IN	PFOR209	C5NN6507B C5NE6507A D3NN6507A	46,0x9,43x146,0	45	32
ENG. ND	Super-Dexta	65 →	2870 ccm	32-35 kW (44-47 PS)	106,698 / 3	EX	PFOR210	C7NN6505E C5NE6505A D3NN6505A	38,5x9,40x146,0	45	24
ENG. RD	Super-Major	65 →	3815 ccm	46-50 kW (62-68 PS)	106,698 / 4						
ENG. 2504 E	Tractor 333, 353, 3000, 3600 Super-Dexta	65 →	2870 ccm	35 kW (47 PS)	106,698 / 3	IN	PFOR215	C5NN6507E D3NN6507D	+30° 46,0x10,20x146,0	45	32
ENG. BSD 444	Tractor 6610, 6710	81 →	4392 ccm	60 kW (82 PS)	111,778 / 4						
ENG. BSD 444 T	Tractor 6610, 6710, 7610, 7710	81 →	4392 ccm	68 kW (92 PS)	111,778 / 4	EX	PFOR216	C7NN6505H D3NN6505D	38,5x10,17x146,0	45	24
EWG. 2512 E	Tractor 515, 531, 532, 535, 540, 545, 550, 555, 4000, 4110, 4610	68 →	3294 ccm	44 kW (60 PS)	111,778 / 3						
ENG. 6Y 4.2, 7A 4.2	Loader A 62 Tractor 750, 6000, 7000, 7500 7600, 7700	71 →	4195 ccm	69 kW (94 PS)	111,778 / 4						
ENG. 6Y 6.6	TW-10 Tractor 8000, 8600, 8700	72 →	6588 ccm	76 kW (104 PS)	111,778 / 6						


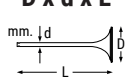




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON DIESEL											
ENG. 7A 6.6 81 kW	TW-10 Tractor 8000, 8600, 8700	72 →	6588 ccm	81 kW (110 PS)	111,778 / 6	IN	PFOR209	C5NN6507B C5NE6507A D3NN6507A	46,0x9,43x146,0	45	32
ENG. 7A 6.6 102 kW	TW-20, TW-25, TW-30, TW-35 Tractor 9600, 9700	76 →	6588 ccm	102-137 kW (138-186 PS)	111,778 / 6	EX	PFOR210	C7NN6505E C5NE6505A D3NN6505A	38,5x9,40x146,0	45	24
		69 →				IN	PFOR215	C5NN6507E D3NN6507D	46,0x10,20x146,0	45	32
						EX	PFOR216	C7NN6505H D3NN6505D	38,5x10,17x146,0	45	24
ENG. 675/TA	New Holland TS 80, 90, 100, 110,115 TM 115, 120, 125, 130, 135, 140, 150, 155, 160, 165, 175, 190				6	IN	PFOR217	EB87802256 EB87802260 87802256	47,5x9,45x146,8	30	25
						EX	PFOR218	EV87802258 87802258 87802266	43,0x9,45x146,3	45	25
ENG. G8DA, G8DB	C-MAXX 1.6 TDCI 16V Focus 1.6 TDCI 16V Focus C-Maxx 1.6 TDCI 16V	4/07-11/10 11/04 → 10/03-3/07	1560 ccm	80 kW (109 PS)	75 / 4	IN	PFOR223	0948.C7 1229882 30711498 9645024780	25,6x5,5x96,4	45	9
ENG. HHDA, HHDB	C-MAXX 1.6 TDCI 16V Focus C-Maxx 1.6 TDCI 16V	4/07-11/10 6/03-3/07	1560 ccm	66 kW (90-92 PS)	75 / 4			3M5Q6507AA Y6011-2111 11347805968			
ENG. HHJA, HHJB	Fiesta 1.6 TDCI 16V Fusion 1.6 TDCI 16V	11/04 → 11/04 →	1560 ccm	66 kW (90 PS)	75 / 4			EX			


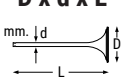




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
FORD / FORDSON DIESEL												
ENG. TD27T	Maverick 2.7 D	6/93-8/96	2664 ccm	66-74 kW (90-101 PS)	96 / 4	IN	PFOR226	13201-G2403	43,5x8,0x117,0	45	1	
								13201-43G01 1952666				
							EX	PFOR227	13202-G2403 13202-31N01 1962501	38,0x8,0x117,0	45	1
ENG. Fiat	KA 1.3 TDCI	09 →	1242 ccm		69,6 / 4	IN	PFOR228	46518930 55195680 55219965 641072 641077 93186090 12911-85E00	22,0x6,0x109,3	45	9	
								EX				PFOR229
ENG. G6DA, G6DB	C-Max 2.0 TDCi Focus II 2.0 TDCi Focus C-Max 2.0 TDCi	2/07 →	1997 ccm	100 kW (136 PS)	85 / 4	IN	PFOR230	9635317980 1231931 0948.C0	30,0x6,0x106,2	45	9	
		11/04 → 10/03-3/07						EX				PFOR231




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON DIESEL											
ENG. G6DA	C-MAX 2.0 TDCI	4/07-11/10	1997 ccm	96-103 kW (130-140 PS)	85 / 4	IN	PFOR234	9627184380	30,0x6,0x105,0	45	9
	Focus 2.0 TDCi 16V	11/04 →						0948.A3			
	Focus C-Max 2.0 TDCi 16V	6/03-3/07						1231931 3M5Q6507BA			
ENG. G6DB, G6DD	C-MAX 2.0 TDCI	4/07-11/10	1997 ccm	100 kW (136 PS)	85 / 4	EX	PFOR235	9634437580	25,0x6,0x105,0	45	9
	Focus 2.0 TDCi 16V	11/04 →						0949.A3			
	Focus C-Max 2.0 TDCi 16V	6/03-3/07						1231930 3M5Q6505BA			
ENG. QXWA, QXWB	Kuga 2.0 TDCi	3/08 →	1997 ccm	103 kW (140 PS)	85 / 4	EX	PFOR235	9634437580	25,0x6,0x105,0	45	9
	S-Max 2.0 TDCi 16V	3/06 →						0949.A3			
ENG. OM 352.937	Tractor 8070	12/86 →	5675 ccm	110 kW (150 PS)	97 / 6	IN	PFOR238	3520530001	44,0x9,0x140,5	45	2
								3520530101			
								3520500026			
						EX	PFOR239	3520531505	36,0x10,0x140,5	45	2
						EX	PFOR240	3660500227	36,0x10,0x140,5	45	2
								3660500027			
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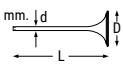




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FORD / FORDSON DIESEL											
ENG. BSD326, BSD329, BSD332, BSD333, BSD442, BSD442T, BSD444, BSD444T, BSD666, BSD666T, BSD666TI	230, 234, 334, 335, 445, 530, 545, 550, 555, 575, 2310, 2610, 2810, 2910, 3230, 3610, 3910, 4110, 4130, 4610, 4630, 4830, 5000, 5030, 5100, 5110, 5200, 5600, 5610, 5700, 6410, 6600, 6610, 6700, 6710, 6810, 7000, 7100, 7200, 7410, 7600, 7610, 7700, 7710, 7810, 7910, 8210, 8530, 8630, 8730, 8830, TW 5, 10, 15, 20, 30, 35					EX	PFOR241	87802262 87802143	38,3x9,4x146,0	45	24
ENG. BSD332/BSD333/ BSD442/BSD442T/BSD444 BSD444T/BSD666T/BSD666TI	FORD 5640/6640/7010 7740/7810/7840/ 8010/8160/8240/ /8260/8340/8360/8560				111,78	IN	PFOR242	87295255	46,7x9,4x146,0	30	32
	CASE/NEW HOLLAND TM 110/TM 120 TM 130/TM 140 TS 90/TS 100/TS 110 TSA 120 FIAT M 100/M 115/ M 135/ M160 (ENG. POWER STAR 7.5/7.5 T)					EX	PFOR241	87802262	38,3x9,4x146,0	45	24
FORDSON → FORD/FORDSON 164											


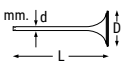




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
FSO WARSZAWA BENZYNA											
	FSO 1500	65 →	1481 ccm	55 kW (75 PS)	77 / 4	IN	PFSO001	4127674 4207966	35,0x8,0x110,0	45	28
						EX	PFSO002	4146641 4207968 4127675	31,5x8,0x104,5	45	28
	Polonez 1500/1600		1481 ccm	52,5 kW (75 PS)	75 / 4	IN	PFSO003	4377208	35,0x8,0x110,0	45	1
						EX	PFSO004	4377209	31,5x8,0x104,6	45	1
ENG. 14 K4F (Rover)	Polonez 1.4 16V	94 →	1396 ccm	76 kW (103 PS)	75 / 4	IN	PFSO005	LGH10029 GH10029 GH061586 WAM1655	27,7x6,0x89,6	45	1
						EX	PFSO006	LGH10028 LGH100820 LGH101190 GH10028 GH061587 WAM4127	24,1x6,0x90,0	45	1
	Polonez 1600 MPI (Daewoo-FSO)	7/94 →	1600 ccm	62 kW (84 PS)	75 / 4	IN	PFSO009	059812	35,0x8,0x110,0	45	1
						EX	PFSO010	077353	31,5x8,0x106,5	45	1


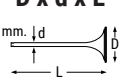




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
FSO WARSZAWA DIESEL											
ENG. XUD9 (Citroen)	Polonez 1.9 D	96 →	1905 ccm	51 kW (70 PS)	83 / 4	IN	PFS0007	93510415 96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000	38,5x8,0x112,4	45	1
						EX	PFS0008	50054982 93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052 LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
GÜLDNER DIESEL											
ENG. 1 L 79	G 25	61-79	790 ccm	10 kW (13 PS)	100 / 1	IN	PGUL001	1910530105	41,0x10,0x126,4	45	25
ENG. 2 L 79	G 25 S	61-79	1580 ccm	19 kW (26 PS)	100 / 2	EX	PGUL002	1910530115	35,0x10,0x126,5	45	25
ENG. 3 L 79	G 30	61-79	2360 ccm	29 kW (39 PS)	100 / 3						
	G 30 S	61-79									
	G 40	61-79									
ENG. 4 L 79	G 50	61-79	3140 ccm	38 kW (52 PS)	100 / 4						
ENG. 6 L 79	G 60	61-79	4710 ccm	57 kW (78 PS)	100 / 6						
ENG. 2DN, 2DNS	ADN, ADS, ADK, ALD					IN/EX	PGUL003		33,0x9,0x124,0	45	6
ENG. 2LD						IN	PGUL004		36,1x9,0x123,0	45	6
						EX	PGUL005		33,0x9,0x124,0	45	6
ENG. LKN, LKA	AK, A2KS, A3K, A3KA, A3KTA, G15					IN	PGUL006		31,0x8,0x99,8	45	6
						EX	PGUL007		29,0x8,0x100,0	45	6

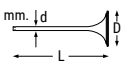




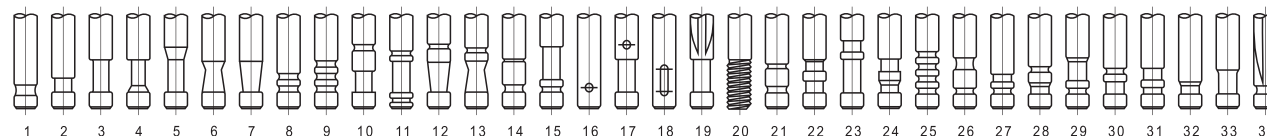
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HANOMAG BENZYNA											
ENG. M 115.922/.933/ /.934/.935	Series F 45	71-8/73	2197 ccm	55-63 kW (75-86 PS)	87 / 4	IN	PHAN025	1150530201 1150530101 1210530401	44,2x9,0x128,0	45	1
						EX	PHAN026	1150500027 1150530105 1290530105 1300530105			


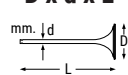




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HANOMAG DIESEL											
ENG. OM 615.910, OM 615.912, OM 615.917	Series F 20/25/30/35/36 Series F 40	71-2/74	2197 ccm	44-49 kW (60-67 PS)	87 / 4	IN	PHAN001	6150530001 6150530101	38,8x10,0x131,5	30	20
		ENG. OM 615.936	Series F 20	1/72 →	2197 ccm	37 kW (50 PS)	87 / 4	EX			
ENG. OM 360.966/967	Series F 150	6/71-4/74	8725 ccm	127-141 kW (172-192 PS)	115 / 6	IN	PHAN003	3270530701 3600500326	54,0x10,0x150,0	45	2
						EX	PHAN004	3270530705 3600500127 3600500227	43,0x10,0x150,0	45	2
ENG. OM 352.917	Series F 45	71-74	5675 ccm	93 kW (126 PS)	97 / 6	IN	PHAN005	3520530001	44,0x9,0x140,5	45	2
ENG. OM 353.916/917	Series F 110/130	71-74	5675 ccm	81-96 kW (110-130 PS)	97 / 6			3520530101			
ENG. OM 314.915	Series F 45/46/55	3/71-2/74	3780 ccm	63 kW (85 PS)	97 / 4			3520500026 3520500126			
						IN	PHAN023	3660500226 3660500326	44,0x9,0x140,5	30	2
						EX	PHAN006	3520531505	36,0x10,0x140,5	45	2
						EX	PHAN024	3660500227 3660500027 3210530905 3660500127 3660500527 3660500627 3760500027 3760500127	36,0x10,0x140,5	45	2


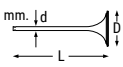




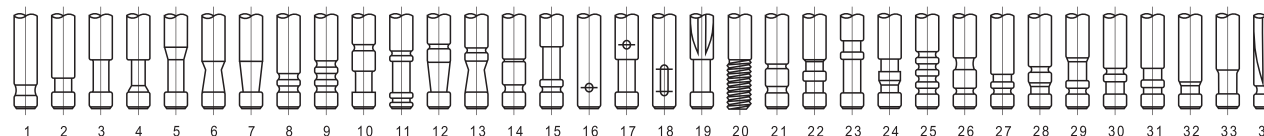
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 																			
HANOMAG DIESEL																														
ENG. OM 403.906	Series F 193	69-4/72	15960 ccm	184 kW (250 PS)	125 / 10	IN	PHAN007	4230500026	59,0x12,0x142,5	30	2																			
	Series F 263	69-4/72							Odległość zamka - 7,70 [mm]																					
Series F 463	69-4/72																													
ENG. OM 403.917, 919, 930	Series F 130	4/72-74	15960 ccm	236 kW (320 PS)	125 / 10	EX	PHAN008	4030500027	51,0x12,0x142,5	45	2																			
		Series F 193							4/72-74			4030501027	Odległość zamka - 7,70 [mm]																	
		Series F 263							4/72-74			4230500427	30																	
	IN	PHAN027				4230530901	4220500226	4220500026	4220500526	4220530101	4420500226	4420500326	4420500526	58,9x12,0x142,5	30	2														
																	EX	PHAN028	4220500027	51,0x12,0x142,5	45	2								
																							EX	PHAN029	4220500127	4220500227	4420500127	4420500227	4420500327	4420500427
																	EX	PHAN029	4220500127	4220500227	4420500127	4420500227	4420500327	4420500427						
																									EX	PHAN029	4220500127	4220500227	4420500127	4420500227
	EX	PHAN029				4220500127	4220500227	4420500127	4420500227	4420500327	4420500427																			


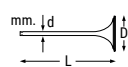




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HANOMAG DIESEL											
ENG. D943, D963	Maszyny budowlane Seria C/CL, CL55C/D, CL66, CL66C, CL240, CL290, CL310 Seria CD, 66, 230, 280, 300 Seria D, 570E7R, 580E8R, 580ELGP, 670E, 680E, 680ELPG, 700DS, 700DSLPG Seria G, 160 Seria L, 600C, 600D, 600DSuper Seria 40, 44C, 44D Seria 50, 55C, 55CTurbo, 55CSuper Seria 60, 66, 66D, 60E Seria 70, 70E, 77C, 77CTurbo					IN	PHAN013	3090234M1	56,0x12,0x162,5	30	25
						EX	PHAN014	2871004M1	52,1x12,0x162,5	45	25
ENG. D14, D21, D28	R 16, R 19, R 217, R 22, R 27, R 324, R 332, R 25, R 28, R 35, R 35/45, R 435, R 435/45, R 442, R 442/50	56-60				IN	PHAN015		41,0x9,0x169,5	45	6
						EX	PHAN016		37,2x9,0x169,6	45	6
ENG. D14, D21, D28	Perfekt 300 rund, Granit 500 rund, Brillant 600 rund, Granit 500/1 R16, R19, R217, R22, R27, R324, R3					IN	PHAN017		38,0x9,0x157,0	45	9
						EX	PHAN030		34,0x9,0x157,0	45	9


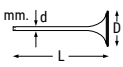




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HANOMAG DIESEL											
ENG. D 131, D 132, D 141, D 142, D 161, D 162	Perfekt 401 E Granit 501, 501 E Brillant 601, 701 Robust 901					IN	PHAN018		42,0x9,0x142,2	45	9
ENG. D14, D21, D28	R 217, R 332, R 442, R 442/50					IN/EX	PHAN019		37,0x9,0x169,4	45	32
ENG. D 301	Perfekt 400 rund Perfekt 301, 401					IN	PHAN020		35,0x10,0x124,9	45	2
ENG. D14S	Hanomag R16	01/51 - 12/57	1399 ccm	12 kW (16 PS)	2/90	IN	PHAN021	221-0004-00	41,0x9,0x169,5	45	6
ENG. D14	Hanomag R19	01/53 - 12/57	1399 ccm	14 kW (19 PS)	2/90	EX	PHAN022	222-0004-00	37,5x9,0x169,5	45	6
ENG. D14	Hanomag R217	01/57 - 12/59	1399 ccm	13 kW (17 PS)	2/90						
ENG. D21S	Hanomag R22	01/51 - 12/57	2099 ccm	16 kW (22 PS)	3/90						
ENG. D21	Hanomag R27	01/53 - 12/57	2099 ccm	20 kW (27 PS)	3/90						
ENG. D21S	Hanomag R324	01/57 - 12/59	2099 ccm	17 kW (24 PS)	3/90						
ENG. D21	Hanomag R332	03/61 - 09/62	2099 ccm	23 kW (32 PS)	3/90						
ENG. D19	Hanomag R25	01/49 - 12/50	1911 ccm	14,6 - 18,3 kW (20 - 25 PS)	4/80						
ENG. D28S	Hanomag R28	01/51 - 12/53	2799 ccm	21 kW (28 PS)	4/90						
ENG. D28	Hanomag R35	01/53 - 12/57	2799 ccm	26 kW (35 PS)	4/90						
ENG. D28LA	Hanomag R35/45	01/54 - 12/57	2799 ccm	26 - 33 kW (35 - 45 PS)	4/90						
ENG. D28	Hanomag R435	01/57 - 12/60	2799 ccm	26 kW (35 PS)	4/90						
ENG. D28LA	Hanomag R435/45	01/57 - 12/60	2799 ccm	35 kW (45 PS)	4/90						
ENG. D28	Hanomag R442	01/60 - 12/62	2799 ccm	30,7 kW (42 PS)	4/90						
ENG. D28LA	Hanomag R442/50	10/60 - 09/62	2799 ccm	30,7 - 36,6 kW (42 - 50 PS)	4/90						
ENG. D301	Hanomag Perfekt 301/400/401 Hanomag F20/F25/F30/F35					EX	PHAN031	1550130906160	31,1x10,0x124,8	45	2


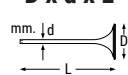




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HANOMAG DIESEL											
ENG. D52 ENG. D57	Hanomag AR 50/GR 50 R40/40A/40B/40C RD36 AGR 38/AR38 K55/K55E/K55S R45/R45A/R45B/ R45E/R45S R55A/R55ATK/R55C R450/R455/R460		5195 ccm 5702 ccm	28 kW (38 PS) 29 kW (40 PS) 36 kW (50 PS) 40 kW (55 PS)	105/4 110/4	IN/ EX	PHAN032	1550503651000	40,0x10,0x163,2	45	2


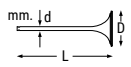




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HARLEY DAVIDSON											
						IN	PHAR001		41,4x8,6x140,6	45	2
						EX	PHAR002		41,2x8,6x142,1	45	2
						IN	PHAR003		46,4x8,6x140,6	45	2
ENG. 88", 100"	Ø1,94" RevTech Gen 2					IN	PHAR004	58089	49,4x7,86x112,5	45	2
ENG. 110", 100" 4x4 ENG. 115", 125" 4x4	Ø2,0" RevTech Gen 3 RevTech Gen 4					IN	PHAR005	659616	50,8x7,86x114,7	45	2

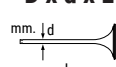




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HENSCHEL DIESEL											
	Henschel Wola H 1416				135 / 6, 8, 12	IN	PHEN001	5.021.401.1	48,0x11,0x172,3	45	6
						EX	PHEN002	5.021.402.2	48,0x11,0x172,3	45	6
	Henschel Wola H 12IG				135 / 6, 8, 12	IN	PHEN001	5.021.401.1	48,0x11,0x172,3	45	6
						EX	PHEN003	5.021.402.5	48,0x11,0x172,8	30	6
	Henschel Wola 135 R6TC				135 / 6, 8, 12	IN	PHEN004	5.021.409.0	45,5x11,0x168,5	30	2
						EX	PHEN005	5.021.410.0	42,5x11,0x168,5	45	2

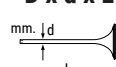




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HILLMAN											
	Hunter Mk1 - Mk2	66-78			4	IN	PHIL003	1235104	38,2x7,9x118,5	45	1
	Hunter GLS	72-76				EX	PHIL004	1235105	30,6x7,9x118,5	45	1
	Avenger 1500 GT	70 →	1498 ccm		4	IN	PHIL005	71262713	38,1x7,90x109,9	45	1
	Avenger Deluxe	70 →						25552400			
	Avenger 1600 SC	73 →	1598 ccm		4	EX	PHIL006	71250985	31,2x7,87x109,9	45	1
	Avenger 1600 TC	73 →						71261358			
								25552800			
						IN	PHIL007	71262714	38,1x7,97x109,9	45	1
								25552500			
						EX	PHIL008	71250986	31,2x7,94x109,9	45	1
								71261359			
								25552900			
						IN	PHIL009	71262715	38,1x8,28x109,9	45	1
								25552600			
						EX	PHIL010	71250987	31,2x8,25x109,9	45	1
								25553000			
						IN	PHIL011	71262716	38,1x8,66x109,9	45	1
						EX	PHIL012	71250988	31,2x8,63x109,9	45	1


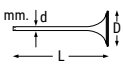




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
HONDA BENZYNA											
ENG. EJ	Civic	83 →	1335 ccm	53 kW (72 PS)	72 / 4	IN	PHON001	14711-PA6-000	34,7x6,6x114,2	45	3
						EX	PHON002	14721-PA6-000	28,0x6,5x114,4	45	3
ENG. F20 A4	Accord 16V	92 →	1994 ccm	85/98 kW (116/133 PS)	85 / 4	IN	PHON003	14711-PT0-000	32,0x5,5x112,1	45	1
	Rover 600 16V	92 →				EX	PHON004	14721-PT0-000	27,0x5,5x123,5	45	1
ENG. EV (3-Valve)	Ballade 1300	73 →	1342 ccm	59 kW (80 PS)	74 / 4	IN	PHON020	14711-PE0-000	26,9x6,6x112,8	45	1
	Civic 1300	73 →				EX	PHON021	14721-PE0-000	DBP9319 32,0x6,6x113,8	45	1
ENG. EW (3-Valve)	Ballade 1500	83 →	1488 ccm	74 kW (100 PS)	74 / 4	EX	PHON021	14721-PE0-000	32,0x6,6x113,8	45	1
	Civic 1500	83 →									
	Shuttle 1500	83 →									
ENG. D18A1	U.S.A.:	90 →	1835 ccm		84 / 4	IN	PHON030	14711-PR4-A00	31,0x6,6x105,6	45	1
	Acura Integra 16V					EX	PHON031	14721-PH3-000	28,0x6,6x106,0	45	1
ENG. B20B	CRV 2.0 16V	95 →	1973 ccm	103 kW (140 PS)	84 / 4						
ENG. L12A1	Fit 1.2i	1/02 →	1243 ccm	57 kW (78 PS)	73 / 4	IN	PHON034	14711-PM3-000	29,0x5,5x115,0	45	1
	Jazz 1.2i	3/02 →				EX	PHON035	14721-PM3-000	FDU1485 25,0x5,5x118,8	45	1
ENG. L13A	Aria 1.3i	1/02 → 1/02 →	1339 ccm	61-63 kW (83-86 PS)	73 / 4	EX	PHON035	14721-PM3-000	25,0x5,5x118,8	45	1
	Fit 1.3i										
	Jazz 1.3i										
ENG. D13C	City 1.3i 16V	10/88-4/94	1296 ccm	73 kW (100 PS)	73,6 / 4						
	Civic 1.3i 16V	8/88 →									
ENG. D15B1	Acura Integra 1.5 16V	2/96 →	1493 ccm	66-69 kW (90-94 PS)	75 / 4						
	Ballade 1.5 16V	10/87-8/94									
	Civic 1.5i 16V	10/87-9/95									
	Concerto 1.5 16V	5/88-9/92									
	Domani 1.5i 16V	2/94 →									
	Partner 1.5 16V	2/96 →									


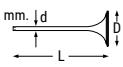




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
HONDA BENZYNA											
ENG. D16A8	Civic 1.6i 16V Concerto 1.6i 16V	10/87-2/92 8/89-3/95	1590 ccm	90-96 kW (122-131 PS)	75 / 4	IN	PHON034	14711-PM3-000 FDU1485	29,0x5,5x115,0	45	1
ENG. F18A3	Accord 1.8i 16V	9/93-10/98	1850 ccm	85 kW (115 PS)	85 / 4	EX	PHON035	14721-PM3-000 FDU1487	25,0x5,5x118,8	45	1
ENG. F18B2	Accord 1.8i 16V	10/98-10/98	1850 ccm	100 kW (136 PS)	85 / 4						
ENG. F20A	Accord 2.0i 16V Ascot 2.0i 16V Prelude 2.0i 16V Vigor 2.0i 16V	9/89-3/94 9/89 → 9/89 → 9/89-9/93	1997 ccm	85 kW (116 PS)	85 / 4						
ENG. F20B2	Accord 2.0i 16V	1/01-12/02	1997 ccm	108 kW (147 PS)	85 / 4						
ENG. F20B3	Accord 2.0i 16V	9/93-6/98	1997 ccm	98 kW (133 PS)	85 / 4						
ENG. F20B5	Accord 2.0i 16V	12/97 →	1997 ccm	110 kW (150 PS)	85 / 4						
ENG. F20B6	Accord 2.0i 16V	10/98-2/03	1997 ccm	108 kW (147 PS)	85 / 4						
ENG. F20Z1	Accord 2.0i 16V	3/93-10/98	1997 ccm	96 kW (131 PS)	85 / 4						
ENG. F20Z1	Accord 2.0i 16V	3/93-10/98	1997 ccm	96 kW (131 PS)	85 / 4						
ENG. F20Z2	Accord 2.0i 16V	3/93-9/95	1997 ccm	85 kW (115 PS)	85 / 4						
ENG. C32A2	Legend 3.2i 24V	1/91-2/96	3206 ccm	151 kW (205 PS)	90 / 6						
ENG. C35A2	Acura 3.5i 24V Legend 3.5i 24V	3/96 → 1/96-12/99	3474 ccm	151-153 kW (205-208 PS)	90 / 6						
ENG. F22A3	Accord 2.2i 16V	1/90 →	2156 ccm	108-110 kW (147-150 PS)	85 / 4						
ENG. F22A7, F22A8	Accord 2.2i 16V	1/91-6/94	2156 ccm	108-110 kW (147-150 PS)	85 / 4	IN	PHON038	14711-PT3-A00	34,0x5,5x112,0	45	1
						EX	PHON035	14721-PM3-000 FDU1487	25,0x5,5x118,8	45	1
						EX	PHON039	14721-PT3-A00	29,0x5,5x123,5	45	1
						EX	PHON040	14721-PT6-A00	29,0x5,5x124,0	45	1


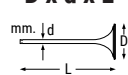




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HONDA BENZYNA											
ENG. F22A1	Accord 2.2i 16V	4/91 →	2156 ccm	110 kW (150 PS)	85 / 4	IN	PHON038	14711-PT3-A00	34,0x5,5x112,0	45	1
	Prelude 2.2i 16V	3/87 →				EX	PHON039	14721-PT3-A00	29,0x5,5x123,5	45	1
ENG. F22B5, F22Z2	Accord 2.2i 16V	9/93-10/98	2156 ccm	110 kW (150 PS)	85 / 4	EX	PHON040	14721-PT6-A00	29,0x5,5x124,0	45	1
ENG. F18A3	Accord 1.8i 16V	93 →	1850 ccm	100 kW (136 PS)	85 / 4						
ENG. F20A3	Accord 2.0 16V	93 →	1997 ccm	108 kW (147 PS)	85 / 4						
ENG. F22A4, F22A6	U.S.A.: Accord 16V	90-93	2156 ccm	110 kW (150 PS)	85 / 4						
ENG. B20B	S-MX 2.0i 16V	11/96 →	1973 ccm	103 kW (140 PS)	84 / 4	IN	PHON041	14711-P75-A00	31,0x6,6x105,6	45	1
ENG. B20B3	CR-V 2.0 16V	10/95-02/02	1973 ccm	94-96 kW (128-131 PS)	84 / 4	EX	PHON042	14721-P75-A00	28,0x6,6x106,0	45	1
Honda (Motocykl)						IN	PHON043		36,0x5,5x86,4	45	1
						EX	PHON044		31,0x5,0x83,4	45	1


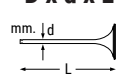




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HONDA DIESEL											
ENG. 4EE2	Civic VII 1.7 CDTI 16V	02 →	1686 ccm	74 kW (100 PS)	79 / 4	IN	PHON045	641025 97185860 14711PLZ-D00	27,5x6,0x98,4	45	1
						EX	PHON046	641369 641387 97358650 97185352 14721PLZ-D00			
ENG. 20 T2N	Accord VI 2.0 TDi	4/96-10/98	1994 ccm	74-77 kW (101-105 PS)	84,5 / 4	IN	PHON047	LGH100990 14711-P5TG01	37,0x7,0x86,7	45	1
	Accord VII 2.0 Turbo DI	2/99-12/02				EX	PHON048	LGH100980 14721-P5TG01			
	Accord VII 2.0 TDi	12/99-10/00									
	Civic VI 2.0i D Civic VI 2.0 TDiC	4/98-2/01 11/98-10/00									


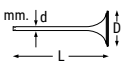




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HÜRLIMANN DIESEL											
	Club H468.4, H478.4, H481-XF Elite 6115-XB Prestige H 358, 361, 362, 466, 468, 478 XA 606, 607, 655, 656T, 657, 658T Xe305, 306, 361 XF481 XN 706, 708 XT 908, 910.6, 911					IN	PHUR001	010.6016.0 07814200 08114200 08114201	44,0x9,0x130,9	30	1
						EX	PHUR002	066.1421.0	39,4x9,0x131,0	45	1


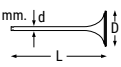




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HYUNDAI BENZYNA											
Eng. G4JP	Sonata 2.0i 16V	98-01	1997 ccm	81 kW (110 PS)	85 / 4	IN	PHYU001	22211-33000	34,0x6,5x109,5	45	1
	Trajcet 2.0i 16V	00 →						MD127840			
ENG. G4CS	Santa Fe 2.0i 16V	00 →	2351 ccm	110 kW (150 PS)	86,5 / 4	EX	PHYU002	22212-33000	30,5x6,5x109,7	45	1
	Sonata 2.4i 16V	98-01						MD127841			
ENG. G4DR	Lantra 1.6 16V	01 →	1599 ccm		77,4 / 4						
ENG. G36	Pony	74 →	1238 ccm	41-59 kW (55-80 PS)	73 / 4	IN	PHYU005	MD000480	38,0x8,0x106,0	45	32
ENG. 4G33	Pony	77 →	1439 ccm	50-68 kW (68-92 PS)	73 / 4		MD002480				
ENG. G32 B	Stellar	83 →	1594 ccm	55-74 kW (75-100 PS)	76,9 / 4	EX	PHYU006	K491565-0	31,0x8,0x102,5	45	32
	Stellar	83 →						MD000481			
ENG. G15B	Pony 1.5	10/85-7/94	1468 ccm	51-57 kW (70-77 PS)	75,5 / 4	IN	PHYU007	MD016460	34,0x6,6x102,0	45	1
ENG. G4DJ (53 kW)	Lantra 1.5	10/90-4/95	1468 ccm	53 kW (72 PS)	75,5 / 4	EX	PHYU008	MD016461	30,0x6,6x101,0	45	1
	Pony 1.5	4/89-7/94						MD003788			
ENG. G13B	S-Coupé 1.5	2/90-6/92									
	Excel 1.3	85 →	1299 ccm	49 kW (67 PS)	71 / 4						
Pony 1.3	85 →										
ENG. G4EH	Accent 1.3i 12V	7/94-7/99	1341 ccm	44-51 kW (60-70 PS)	71,5 / 4	IN	PHYU015	22211-22003	27,4x6,0x99,0	45	1
ENG. G4EH	Accent 1.3i 12V	7/94 →	1341 ccm	60-63 kW (82-85 PS)	71,5 / 4	EX	PHYU016	22212-22011	32,0x6,0x98,4	45	1
	Getz 1.3i 12V	3/02 →									
	Pony 1.3i 12V	7/94-7/99									
	Verna 1.3i 12V	9/99 →									
ENG. G4EA	Accent 1.3i 12V	71,5 / 4	1341 ccm	62 kW (84 PS)	71,5 / 4						
Click 1.3i 12V											
ENG. G4EB	Accent 1.5i 12V	8/99 →	1495 ccm	66 kW (90 PS)	71,5 / 4						
ENG. G4EK	Accent 1.5i 12V	7/94-7/99	1495 ccm	65-68 kW (88-92 PS)	75,5 / 4						
	Elantra 1.5i 12V	7/96-9/00									
	Lantra 1.5i 12V	7/96-9/00									
	Verna 1.5i 12V	9/99 →									


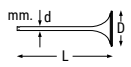




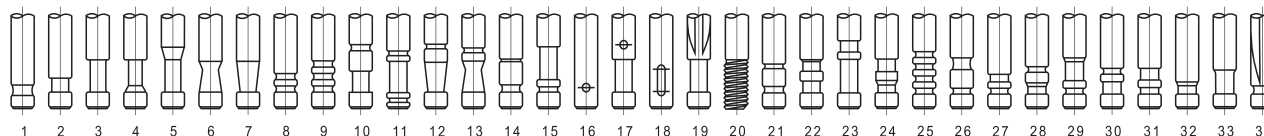
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HYUNDAI BENZYNA											
ENG. G4ED-G	Accent 1.6i 16V	8/99 →	1594 ccm	77-79 kW (105-107 PS)	75,5 / 4	IN EX	PHYU017 PHYU018	22211-26600 22212-26000 22212-26600	29,1x6,0x91,9 25,0x6,0x92,4	45 45	1 1
	Click 1.6i 16V	3/02 →									
	Coupe 1.6i 16V	2/03 →									
	Elantra 1.6i 16V	6/00 →									
	Getz 1.6i 16V	9/02 →									
	Matrix 1.6i 16V	8/01 →									
	Verna 1.6i 16V	03 →									
ENG. G4EE	Accent 1.4 16V	05 →	1399 ccm	70 kW (95 PS)	75,5 / 4						
	Getz 1.4 16V										
	Verna 1.4 16V										
ENG. G4FA	i20 1.4 16V	08 →	1396 ccm	73-80 kW (99-109 PS)	77 / 4	IN EX	PHYU028 PHYU029	22211-2B000 22211-2B400 22212-2B000	31,4x5,5x93,2 26,0x5,5x92,6	45 45	1 1
	i30 1.4 16V	08 →									
	i30 CW 1.4 16V	11/09 →									
ENG. G4FC	i30 1.6 16V	08 →	1591 ccm	90-97 kW (122-132 PS)	77 / 4						
	i30 CW 1.6 16V	2/08 →									
	ix20 CW 1.6 16V	11/10 →									
ENG. G4KA	Sonata V (NF) 2.0 VVTi GLS	05/05 - 12/10	1998 ccm	106 kW (144 PS)	4	IN	PHYU032	22211-2G000 KK05047068AB	35,0x5,5x113,3 29,0x5,5x106,0	45	1
	ix35 (LM, EL, ELH) 2.0 ix35 (LM, EL, ELH) 2.0 4WD	01/10 →	1998 ccm	110 kW (150 PS)	4	EX	PHYU033	22212-25002 KK05047069AB KK05047069AA KMN183950			
		01/10 →									
	Sonata V (NF) 2.0 GLSI	07/08 - 12/10									
	Sonata V (NF) 2.0 VVTi GLS	01/08 - 12/10									
ENG. G4KE	ix35 (LM, EL, ELH) 2.4 DCVVT-I 4WD	07/10 - 12/13	2359 ccm	126 kW (171 PS)	4						
	Santa Fé II (CM) 2.4	11/10 - 12/12									


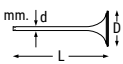




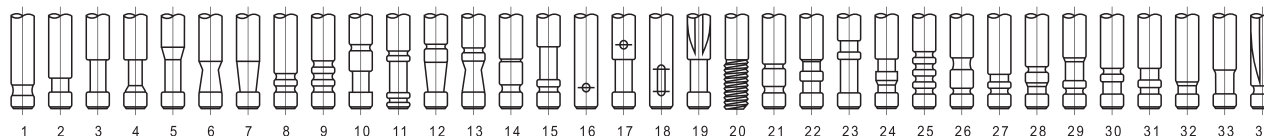
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HYUNDAI BENZYNA											
ENG. G4HC	Atos (MX) 1.0i	02/98 - 12/00	999 ccm	40 kW (54 PS)	4	IN EX	PHYU034	22211-02500	23,4x5,5x100,4	45	1
							PHYU035	22212-02500	27,1x5,5x100,1	45	1
ENG. G4HG	Atos (MX) 1.1	08/03 - 12/08	1086 ccm	46 kW (63 PS)	4	IN EX	PHYU036	22211-02200	23,5x5,5x99,6	45	1
	Getz (TB) 1.1	09/05 - 06/09					PHYU037	22212-02200	27,0x5,5x98,9	45	1
	i10 (PA) 1.1	01/08 - 12/13									
	i10 (PA) 1.1	04/11 - 12/13									


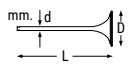




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
HYUNDAI DIESEL																
ENG. D4EA, VM Eng.	Trajeta 2.0 CRDi 16V	01 →	1991 ccm		83 / 4	IN	PHYU003	22211-27000	28,6x6,0x95,7	45	1					
	Santa Fe 2.0 CRDi 16V	01 →						22211-27001								
	Elantra 2.0 CRDi 16V	01 →						EX				PHYU004	22212-27000	24,4x6,0x95,5	45	1
	Tucson 2.0 CRDi 16V	04 →											22212-27001			
	i30 2.0 CRDi 16V	07 →														
ENG. D3EA, VM R315	Accent 1.5 CRDi 12V	02 →	1496 ccm		83 / 3											
	Getz 1.5 CRDi 12V	02 →														
	Matrix 1.5 CRDi 12V	02 →														
ENG. D4BF	H 1 - H 100		2476 ccm		4	IN	PHYU009	40,0x8,0x132,0	45	1						
								EX			PHYU010	34,0x8,0x132,0	45	1		
ENG. D4BB	H 100 (New)	01 →	2476 ccm		4	IN	PHYU011	22211-42220	42,0x8,0x132,0	45	1					
								EX				PHYU012	22212-42220	36,0x8,0x132,0	45	1
ENG. D4BA	H 100 H-1 2.5 TD Porter 2.5 D	91 →	2476 ccm		4	IN	PHYU013	22211-42200	42,0x8,0x136,0	45	1					
		99 →						EX				PHYU014	22212-42200	36,0x8,0x136,0	45	1
ENG. D4BH Porter 2.5 D	Galloper 2.5 TD ENG. D4BA, D4BX	91 →	2477 ccm	69-78 kW (94-106 PS)	91,1 / 4	IN	PHYU019	MD083661	40,0x8,0x136,5	45	1					
		93 →	2477 ccm	55-65 kW (75-88 PS)	91,1 / 4			EX				PHYU020	MD083662 22212-42850	34,0x8,0x136,5	45	1
ENG. D4BB	H1 2.5 TD H100 2.5 TD	10/97 →	2477 ccm	57-59 kW (78-80 PS)	91,1 / 4	IN	PHYU021	MD198404	40,0x8,0x130,2	45	1					
		12/94-3/00						EX				PHYU022	MD198406 22212-42520	34,0x8,0x130,0	45	1
ENG. D4BF-E	Galloper I 2.5 TD H100 2.5 TD Satellite 2.5 TD Starex 2.5 TD	2/91-1/97	2477 ccm	59 kW (80 PS)	91,1 / 4	EX	PHYU022	MD198406 22212-42520	34,0x8,0x130,0	45	1					
		6/97 →														
		10/97 →														
		10/97 →														
ENG. D4BH ENG. D4BA, D4BF, D4BX	Galloper I 2.5 TD Galloper II 2.5 TD H1 2.5 TD Terracan 2.5 TDI H100 2.5 D, TD	2/91-1/97	2477 ccm	69-78 kW (94-106 PS)	91,1 / 4											
		2/97-9/02														
		3/02 →														
		01 →														
	93-01	2477 ccm	54-65 kW (73-88 PS)	91,1 / 4												


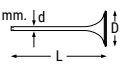




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
HYUNDAI DIESEL											
ENG. J3TCI	Terracan 2.9 CRDI 16V	01 →	2902 ccm	93 kW (126 PS)	91,1 / 4	IN	PHYU023	OK55112111A	34,0x7,0x126,2	45	1
						EX	PHYU024	OK55112121A	31,6x7,0x126,0	45	1
ENG. DJY	Elantra 1.9 D	5/95-9/00	1905 ccm	50-52 kW (68-71 PS)	83 / 4	IN	PHYU025	0948.46	38,0x8,0x112,4	30	1
ENG. XUD 9A, XUD9AY	Lantra 1.9 D	97 →	1905 ccm	47-52 kW (64-71 PS)	83 / 4	IN	PHYU026	93501279	38,5x8,0x112,4	45	1
								93501070			
						EX	PHYU027	93510415	33,0x8,0x111,9	45	1
								96005391			
								LGH10051			
								LGH10053			
								0948.59			
								0948.63			
								9601136380			
								9630597380			
								12911-86CA0			
								12911-66G00			
								12832-66G00			
								22211-29000			
								50054982			
								93510773			
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								93501280			
								93501072			
								95501280			
								96005392			
								96272853			
								0949.47			




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
IKARUS DIESEL											
ENG. D 2356 HM 6 U, D 2356 HM 9, D 2356 HMN 2	833, 836	68 →	10690 ccm	169 kW (230 PS)	123 / 6	IN	PIKA001	1-04101-0302 51.04101.0329 1-04101-0303	57,8x12,0x149,0	45	1
ENG. D 2356 HMN 6	574, 833, 836	68 →	10690 ccm	162 kW (220 PS)	123 / 6	EX	PIKA002	51.04101.0364 5000046570	51,7x12,0x148,7	45	1
ENG. D 2156 HM 2	IK-130, IK-132 IK-4, IK-5, IK-6 190, 216, 230, 250, 255, 260, 280	66 →	10344 ccm	141-169 kW (192-230 PS)	121 / 6	IN	PIKA003	1-04101-0305 51.04101.0129 51.04101.0305	56,0x12,0x149,0	45	1
ENG. D 2156 HM 6		6/71 →	10344 ccm	173 kW (235 PS)	121 / 6	EX	PIKA004	1-04101-0273 51.04101.0373	49,0x12,0x148,7	45	1
ENG. D 2156 HM 3, D 2156 HM 9, D 2156 HMN 3, D 2156 HMN 9			10344 ccm	141 kW (192 PS)	121 / 6						
ENG. D 2156 HNY, D 2156 MNY, D 2156 MYN			10344 ccm	141-169 kW (192-230 PS)	121 / 6						
	Ikarus D 10 UTS - 155E1 D 10 UTS - 180E1				6	IN	PIKA005	10.04101-0001	50,0x11,0x166,7	30	1
						EX	PIKA006	10.04101-0002	48,5x11,0x166,7	45	1
	Ikarus D10 Euro 2					IN	PIKA007	10.04101.0004	50,0x11,0x166,0	30	1
						EX	PIKA008	10.04101.0005	48,5x11,0x166,0	45	1
ENG. D 2156 MT 2, D 2156 MTN 1, D 2156 MTX	831, 832, 833, 853	73 →	10344 ccm	188 kW (256 PS)	121 / 6	IN	PIKA009	51.04101.0379	56,0x12,0x149,0	30	1
						EX	PIKA004	1-04101-0273 51.04101.0373	49,0x12,0x148,7	45	1
ENG. D 2156 MT 6, D 2156 MTK 6, D 2156 MT 6 U, D 2156 MTN 6		9/74 → 10/84 → 7/74 →	10344 ccm	188-190 kW (256-258 PS)	121 / 6						


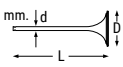




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
IKARUS DIESEL											
ENG. D 2156 MTKLL6, D 2156 MTKLL6U		2/85 →	10344 ccm	206 kW (280 PS)	121 / 6	IN	PIKA009	51.04101.0379	56,0x12,0x149,0	30	1
		6/87 →						1-04101-0273	49,0x12,0x148,7	45	1
ENG. D 2156 MTKU		1/86 →	10344 ccm	169 kW (230 PS)	121 / 6			51.04101.0373			
INFINITY → NISSAN333											


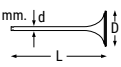




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
INNOCENTI BENZYNA											
ENG. CB	Minitre 1.0	82 →	993 ccm	37-41 kW (50-55 PS)	76 / 3	IN	PINN006	13711-87701 13711-87702 13711-87705	36,0x7,0x101,5	45	1
						EX	PINN007	13715-87701 13715-87702	33,0x7,0x101,5	45	1
ENG. 146 A.000	Koral 45	90 →	903 ccm	33 kW (45 PS)	65 / 4	IN	PINN014	4265695 4259853 46407749 46427459 4190109 5959564	29,0x7,0x95,3	30	1
						EX	PINN015	4259583 4183555 4274135 4377979 5973130 5959563 5963326 7736408 7783841	26,0x7,0x95,7	45	1
						EX	PINN016	4265696 4266321	26,0x7,0x95,3	45	9


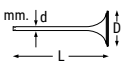




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
INNOCENTI BENZYNA											
ENG. 146 C5.000	Elba 1.4ie	93-01	1372 ccm	49 kW (67 PS)	80,5 / 4	IN	PINN017	7609772	37,5x8,0x108,5	45	1
ENG. 160 A1.046	Mille 1.4ie	93-01	1372 ccm	51 kW (69 PS)	80,5 / 4			96700311			
ENG. 146 C6.000	Elba 1.6ie	91-96	1581 ccm	55 kW (75 PS)	86,4 / 4	EX	PINN018	46531590 46531591 4315062 5973128 4239918 4314869 4190307 4286929	31,0x8,0x109,0	45	1
ENG. 146 A4.000	Koral 55 1.1	90 →	1116 ccm	43 kW (58 PS)	80 / 4	IN	PINN019	4212771 4239917 4460697	36,0x8,0x108,5	45	1
						EX	PINN018	4315062 5973128 4239918 4314869 4190307 4286929	31,0x8,0x109,0	45	1


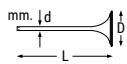




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
INNOCENTI DIESEL											
ENG. CL (Daihatsu)	Minidiesel	83 →	993 ccm	27 kW (37 PS)	76 / 3	IN	PINN001	13711-87704 550610306	35,0x7,0x105,0	45	1
						EX	PINN002	13715-87703 550610307	32,0x7,0x105,0	45	1
ENG. 146 B2.000	Mille 1.7 D		1697 ccm		82,6 / 4	IN	PINN012	5990532 7547158 60808694	37,4x8,0x116,8	45	1
						EX	PINN013	5990533 7588577 60808695	33,5x8,0x117,0	45	1


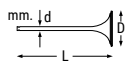




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
INTERNATIONAL HARVESTER DIESEL											
ENG. D 155	Series V 433, V 533 Series 353, 383, 423, 433, 440, 453, 500, 503, 533, 540	66 →	2533 ccm	26-33 kW (35-45 PS)	98,425 / 3	IN	PINT001	3055055R1	42,9x10,0x146,0	45	1
						EX	PINT002	3055055R2 3055056R1 3055056R2	40,9x10,0x146,0	45	1
ENG. D 179	Series E 633, V 633 Series 240, 2400, 2454, 3210, 3220, 3400, 454, 464, 484, 4500, 523, 553, 633, 640 Tractor D523-633	65 →	2933 ccm	36-38 kW (49-52 PS)	98,425 / 3						
ENG. D 206	Series E 733 Series 100, 221, 258, 3230, 474, 554, 584, 624, 633, 644, 645, 654, 733, 740, 884	65 →	3382 ccm	40-50 kW (54-68 PS)	98,425 / 4						
ENG. D 239	Series 125 Series E 833, H 30 B, TD 7 E TD 8 A, TD 8 B/C Series 2500, 2544, 2574, 321, 3400, 3500, 3514, 3654, 3800, 421, 431, 452, 4210, 544, 574, 609, 664, 674, 684, 724, 743, 744, 745, 824, 833, 840, 861, 871, 940 Tractor SU 644 HD	65 →	3910 ccm	45-67 kW (62-91 PS)	98,425 / 4						
ENG. D 310	Series H 50 B Series 321, 431, 531, 686, 711, 715, 756, 782, 786, 86, 871, 891, 946, 955	65 →	5070 ccm	62-79 kW (84-107 PS)	98,425 / 6						


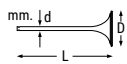




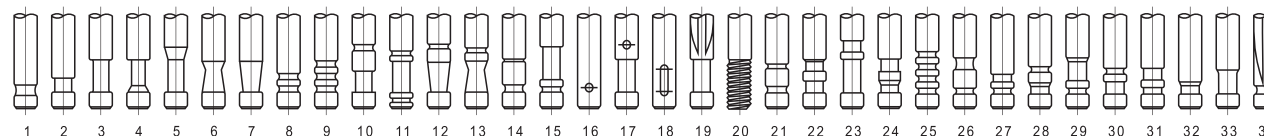
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
INTERNATIONAL HARVESTER DIESEL											
ENG. DD 132	Series 430, 432	53-63	1631 ccm	22-30 kW (33-40 PS)	82,55 / 4	IN	PINT003	713384R2	36,0x8,7x147,7	45	33
ENG. DD 66	Series 212, 214, 215	56 →	1087 ccm	10 kW (14 PS)	82,55 / 2	EX	PINT004	713385R2	32,0x8,7x147,7	45	33
ENG. DD 99	Series 320, 322	56-63	1275 ccm	15-17 kW (20-24 PS)	82,55 / 3						
ENG. DD 74	Series 217, 219	56 →	1217 ccm	12-14 kW (17-19 PS)	87,312 / 2						
ENG. DD 111	Series 323, 324, 326	56 →	1825 ccm	17-19 kW (24-26 PS)	87,317 / 3						
ENG. D 414	H 65 C Loader	72 →			109,22 / 6	IN	PINT005	675046C2	50,0x9,5x147,0	30	32
ENG. DT 414-Turbo	UDT 414	72 →			109,22 / 6			675046C4			
ENG. D 436	Hydro 100	72 →			109,22 / 6	EX	PINT006	676865C2	40,5x9,5x147,0	45	32
ENG. DT 436-Turbo	1466, 1566, 4166	72 →			109,22 / 6			676865C4			
ENG. D 466	UD 466	72 →			109,22 / 6						
ENG. DT/ DTI 466-Turbo	TC 15C, UDT 466	72 →			109,22 / 6						
ENG. DT466 NGD	NAVISTAR					IN	PINT014	1824642C2	50,0x9,5x147,0	30	1
						EX	PINT015	1824642C1	40,7x9,5x147,0	45	1
ENG. 6.354	Series H 65 B/C Series 1700 Series 1820	1/69-12/86 1/71 → 1/75 →	5794 ccm	69-82 kW (94-112 PS)	98,48 / 6	IN	PINT024	31431641 31431103 31431163	44,4x9,48x123,0	45	1
ENG. 6.354.2	Series 1600 Series 1800	1/70-12/72 1/70-12/72	5794 ccm	85 kW (115 PS)	98,48 / 6	EX	PINT025	733819M1 31431881	36,5x9,46x123,4	45	1
ENG. 4.212	Series 475	1/75 →	3475 ccm	44-47 kW (60-64 PS)	98,48 / 4			31431104			
ENG. 4.236	Series 1210 Series 1310 Series 660	1/72-12/74 1/72-12/74 1/72 →	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4			31431109 31431164 31431791 31431851 31431891 31431931 733818M1			


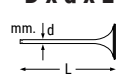




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
INTERNATIONAL HARVESTER DIESEL													
ENG. 6.354	Series H 65 B/C	1/69-12/86	5794 ccm	69-82 kW (94-112 PS)	98,48 / 6	IN	PINT037	3142H002	44,2x9,5x123,0	30	1		
	Series 1700	1/71 →				EX	PINT038	3142A052	36,5x9,5x123,5	45	1		
	Series 1820	1/75 →				IN	PINT028	31431402	44,4x9,86x123,0	45	1		
ENG. 6.354.2	Series 1600	1/70-12/72	5794 ccm	85 kW (115 PS)	98,48 / 6	EX	PINT029	736813M1	36,5x9,53x123,4	45	1		
	Series 1800	1/70-12/72						31431411					
ENG. 4.212	Series 475	1/75 →	3475 ccm	44-47 kW (60-64 PS)	98,48 / 4	IN EX	PINT026 PINT027	736815M1	44,4x9,48x123,0 36,5x9,46x123,4	45 45	1 1		
ENG. 4.236	Series 1210	1/72-12/74	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4			IN				PINT026	Grubość grzybka +1,0 [mm]
	Series 1310	1/72-12/74											
						IN	PINT030		37,2x9,0x150,3	45	1		
						EX	PINT031		30,3x9,0x148,3	45	1		
ENG. DD 132 S	Series 436	59-65	1631 ccm	32 kW (40 PS)	82,55 / 4	IN	PINT032	717374R1	36,0x8,7x152,1	45	33		
ENG. DU 148	Series 862	56 →	2434 ccm	28 kW (39 PS)	87,312 / 4	EX	PINT033	717375R1	32,0x8,7x152,1	45	33		
ENG. DD 148	Series 436	59-65	2434 ccm	27 kW (36 PS)	87,317 / 4								
	Series 438	59-65											
	Series 439	59-65											
ENG. DT 402	1255, 1255XL, 1455, 1455XL					IN	PINT001	3055055R1	42,9x10,0x146,0	45	1		
						EX	PINT034	3136915R2	41,0x10,0x146,0	45	1		
	238, 275, 276, 354, 374, 384, 414, 424, 434, 444					IN	PINT035	1231516R91	37,3x8,7x148,0	45	1		
						EX	PINT036	3044175R1	30,0x8,7x148,0	45	1		


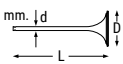




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ISUZU DIESEL											
ENG. 4ZE1	Amigo 2.6i	3/89 →	2559 ccm	84-90 kW (114-122 PS)	92,6 / 4	IN	PISU021	8-94174-221	44,1x8,0x108,6	45	2
	Bighorn 2.6i	9/88-11/91						8-94174-222			
ENG. 4ZE1	Mu 2.6i	5/89-4/93	2559 ccm	84-90 kW (114-122 PS)	92,6 / 4	EX	PISU022	8-94447-025	37,0x8,0x108,1	45	2
	Rodeo 2.6i	10/90 →						8-94174-223			
	Trooper 2.6i	10/87-12/92						8-94447-026			
	NKR 2.6i	5/93 →									
ENG. 4ZD1	Impulse	89 →	2254 ccm		89,3 / 4						
ENG. 4EC1	Chevrolet Spectrum	84 →	1488 ccm	37 kW (50 PS)	76 / 4	IN	PISU023	8943268430	34,6x7,0x104,1	45	1
	Gemini 1.5 D	5/85-4/90						641007			
ENG. 4EC1-T	Gemini 1.5 TD	5/85-4/90	1488 ccm	49-54 kW (67-73 PS)	76 / 4			641000			
ENG. 4EE1-T	Gemini 1.7 TD	3/90-2/93	1686 ccm	ccm 60-65 kW (82-88 PS)	79 / 4	EX	PISU024	94370173	30,6x7,0x104,0	45	1
		2/90-3/93						641322			
ENG. 4EE1-T	Geo Storm 1.7 TD	2/90-3/93	1686 ccm	ccm 60-65 kW (82-88 PS)	79 / 4	EX	PISU024	641300	30,6x7,0x104,0	45	1
		2/90-2/93						641301			
		3/90 →						97037591			
ENG. 4EE1	Gemini 1.7 D	4/90-3/93	1686 ccm	44 kW (60 PS)	79 / 4			8941150592			
								8941100173			
ENG. C190	Campo 2.0 D	8/81-86	1951 ccm	40 kW (55 PS)	86 / 4	IN	PISU025	94029351	40,0x8,0x116,0	45	1
	Fastar 2.0 D	71-5/88						5125510280			
ENG. C190	Florian 2.0 D	71-5/88	1951 ccm	40 kW (55 PS)	86 / 4	EX	PISU026	94029352	34,0x8,0x116,0	45	1
	Gemini 2.0 D	71-5/88						512550340			
	Journey 2000	71-5/83									
	Elf 150 2000										
ENG. C240	Micro-Bus 2400	12/78-81	2369 ccm	44-55 kW (60-75 PS)	86 / 4				34,0x8,0x116,0	45	1
	Elf 150 2400	12/78-7/84									
	Elf 250 2400	7/75-6/84									
	TLD 13	69-85									
	TLD 23	70-79									


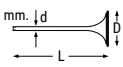




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ISUZU DIESEL											
ENG. C223	Bighorn 2.2 D	9/81-3/88	2238 ccm	45 kW (61 PS)	88 / 4	IN	PISU025	94029351	40,0x8,0x116,0	45	1
	Campo 2.2 D	8/88 →						5125510280			
	Fastar 2.2 D	4/85-9/89				EX	PISU026	94029352	34,0x8,0x116,0	45	1
	Trooper 2.2 D	2/81-10/88						512550340			
ENG. C223T	Bighorn 2.2 TD	1/84-8/88	2238 ccm	53 kW (72 PS)	88 / 4						
	Trooper 2.2 TD	8/83-8/88									
ENG. 4HG1	NPR250, NPR300, NPR400	ENG. 98-02	4570 ccm	84,5 kW (115 PS)		IN	PISU027	8971713980	50,0x9,0x141,0	45	1
								NPS250, NPS300			
						EX	PISU028				
								NPR71			
ENG. TD27	Fargo 2.7 D	8/95 →	2664 ccm	62-73 kW (85-99 PS)	96 / 4	IN	PISU029	13201-G2403	43,5x8,0x117,0	45	1
								13201-43G01			
						EX	PISU030	1952666	38,0x8,0x117,0	45	1
								13202-G2403			
								13202-31N01			
								1962501			
ENG. 4HK1 ENG. 6HK1	Isuzu NPR, NPR-HD, NQR, NRR, VDS Bogdan (Small Bus)	01/05 -	5139 ccm	147 kW (200 PS)	115/4	IN	PISU031	8-94395-882-2	37,2x8,0x130,5	30	1
		01/05 -	7790 ccm	210-212 kW (285-288 PS)	115/6	EX	PISU032	8-97209-876-3	37,1x8,0x130,3	45	1
IVECO → FIAT/IVECO 121											


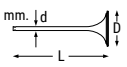




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
JEEP BENZYNA											
ENG. ECN	Compass (MK49) 2.0	05/11 -	1998 ccm	115 kW (156 PS)	4	IN	PJEE019	22211-2G000	35,0x5,5x113,3	45	1
ENG. ED3	Compass (MK49) 2.4	08/06 -	2360 ccm	125 kW (170 PS)	4	EX	PJEE020	KK05047068AB	29,0x5,5x106,0	45	1
	Compass (MK49) 2.4 4x4	09/06 -						KK05047068AA			
	Patriot (MK74) 2.4 4x4	01/08 -						KMN187696			
	Patriot (MK74) 2.4 Eco + 4x4	07/08 -						22212-25002			
								KK05047069AB			
								KK05047069AA			
								KMN183950			


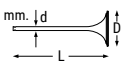




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
JEEP DIESEL											
ENG. M51, M52, HR425, HS492	Cherokee 2.5 TD Grand Cherokee 2.5 TD	95-99	2499 ccm		92 / 4	IN	PJEE001	V94DD6507AA	40,0x8,0x121,0	35	1
		95-99				60507189					
						116760330001 20360026 20360026A 2036019 04720146 AEU2296 AEU2296L					
						EX	PJEE002	V94DD6505AA	34,0x8,0x121,0	45	1
								195590330100 116760330101 2037018 04720148 LGH10041 RTC4116			
						EX	PJEE003	20370025 20370025A	34,0x8,0x121,0	45	1
ENG. OM 655.921, OM 612	Grand Cherokee 2.7 CRD 20V	01 →	2686 ccm	110-125 kW (150-170 PS)	88 / 5	IN	PJEE004	6110530101	30,2x7,0x104,0	45	1
						6110530401 05073735AA					
						EX	PJEE005	6110530105 6110500127 05073738AA	28,3x7,0x104,4	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
JEEP DIESEL											
ENG. J8S 708/712/714	Cherokee 2.1 TD	86 →	2068 ccm	63-65 kW (86-88 PS)	86 / 4	IN	PJEE011	7700663545 7701461338 7700692312 7701462232	40,3x8,0x111,6	45	1
						EX	PJEE012	7700663546 7701461339			
ENG. C240	Renegade Laredo		2369 ccm	44-55 kW (60-75 PS)	86 / 4	IN	PJEE013	94029351 5125510280	40,0x8,0x116,0	45	1
						EX	PJEE014	94029352 512550340			
ENG. ECD	Compass 2.0 CRDI 16V Patriot 2.0 CRDI 16V	06 →	1968 ccm		81 / 4	IN	PJEE015	03G109601B MN980080 68001582AA	29,2x6,0x87,8	45	9
						EX	PJEE016	03G109611D MN980081 68001583AA			
ENG. OM 642.982	Cherokee 3.0 CRD 24V	05 →	2987 ccm	160-165 kW (218-224 PS)	88 / 6	IN	PJEE017	6420530401 MN960088 05175396AA	28,6x6,0x102,2	45	9
						EX	PJEE018	6420500527 MN960089 05175397AA			


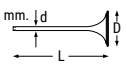




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
JELCZ DIESEL											
	SW 680		11100 ccm	147 kW (200 PS)	127,01 / 6	IN	PJEL001	PL608532 608532	56,0x11,0x151,8	30	1
						EX	PJEL002	PL608533 608533	48,4x11,0x150,7	30	1
	SW 680 Turbo				127,01 / 6	IN	PJEL003	PI612817 612817	55,2x11,0x151,7	30	1
						EX	PJEL004	PL613865	47,6x11,0x150,4	30	1


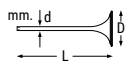




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. $\begin{matrix} d \\ L \end{matrix}$	Kąt przyłgni 	Typ zamka
JOHN DEERE DIESEL											
	820, 920, 1020, 1120, 2020, 2120, 3120, 830, 930, 1030, 1130, 1630, 1830, 2030, 2130, 3030, 3130, 840, 940, 1040, 1140, 1640, 1840, 2040, 2040S, 2140, 3040, 3140, 3340, 3640, 4040, 4040S, 1350, 1550, 1750, 1850, 1950, 2250, 2450, 2650, 2850, 3050, 3350, 3650, 4050					IN	PJOH001	R52251 T20174T CDX0881	45,0x9,48x131,0	45	2
						IN	PJOH040	R79623	45,0x9,48x131,0	45	31
						EX	PJOH002	R52252 T20157T CDX0634A	40,0x9,46x131,0	45	2
						EX	PJOH041	R79624	40,0x9,46x131,0 +0.003"	45	31
						IN	PJOH006	R57332 R79628	45,0x9,55x131,0	45	2
ENG. 310/510		68-75	2490 ccm		98 / 3						
ENG. 710			3320 ccm		98 / 4	EX	PJOH007	R57333 R79625	40,0x9,53x131,0	45	2
ENG. 3164 D		68 →	2690 ccm		102 / 3						
ENG. 4219 D		68 →	3590 ccm		102 / 4				+0.005"		
ENG. 3239 DL		73 →	5380 ccm		102 / 6	IN	PJOH008		45,0x9,60x131,0	45	2
ENG. 3239 DL		74 →	2938 ccm		106,5 / 3	EX	PJOH009		40,0x9,58x131,0	45	2
ENG. 4239 D		74 →	3918 ccm		106,5 / 4				+0.015"		
ENG. 6359 D		74 →	5876 ccm		106,5 / 6	IN	PJOH010	R57334 R79629	45,0x9,86x131,0	45	2
ENG. 3179T, 4239, 4276, 6329D, 6359T						EX	PJOH011	R57335 R79626	40,0x9,84x131,0	45	2
						IN	PJOH012	R79630	45,0x10,24x131,0	45	2
						EX	PJOH013	R79627	40,0x10,22x131,0	45	2


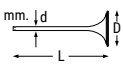




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
JOHN DEERE DIESEL											
ENG. 179 D	3029 D/T/A				3	IN	PJOH003	R98062	46,6x7,87x134,0	30	1
ENG. 239 D	4039 D/T/A				4	EX	PJOH004	R90692	42,5x7,86x133,4	30	1
ENG. 276 D	4045 D/T/A				4				+015°		
ENG. 359 D	6059 D/T/A				6	IN	PJOH014	R97490	46,6x8,25x134,0	30	1
ENG. 414 D	6068 D/T/A				6	EX	PJOH015	R97492	42,5x8,24x133,4	30	1
ENG. 4045, 6068	3100, 3300, 3400, 3110, 3310, 3410, 5200, 5300, 5400, 5500, 5310, 5410, 5420, 5520, 5620, 5720, 5820, 6100, 6200, 6300, 6400, 6600, 6800, 6900, 6010, 6110, 6210, 6310, 6410, 6510, 6610, 6810, 6910, 6205, 6215, 6020, 6120, 6220, 6320, 6420, 6520, 6820, 6920, 6506, 6605, 7200, 7400, 7600, 7610, 7220, 7320, 7420, 7520										
ENG. 3164 D	1020 - 1120 T	71 →	2690 ccm		102 / 3	IN	PJOH005	R89219	46,0x9,45x131,0	30	2
ENG. 4219 D	2120 T	71 →	3590 ccm		102 / 4			R51735			
	2140, 4040, 4040S, 1950, 2650, 2850, 3650					EX	PJOH002	R52252 T20157T CDX0634A	40,0x9,46x131,0	45	2




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
JOHN DEERE DIESEL											
ENG. 6466 D/T/A	4020, 4520, 4230, 4040, 4240, 4050, 4000				6	IN	PJOH016	R43883	48,3x9,47x156,0	45	31
						EX	PJOH017	R43679	43,5x9,45x155,8	45	2
ENG. 6404 D (215,001>)	105, 6602, 7700				6	IN	PJOH018	R45003	48,3x9,55x156,0	45	31
ENG. 6404 T/AC (>245, 546)											
ENG. 4270 (280,001>)					4	EX	PJOH019	R43787	43,5x9,53x155,8	45	2
ENG. 3200, JD500, JD 500A, JD500B											
ENG. JD600 Series											
					4	IN	PJOH020	R45004	48,3x9,85x156,0	45	31
					6	EX	PJOH021	R43788	43,5x9,83x155,8	45	2
						IN	PJOH022	R45005	48,3x10,23x156,0	45	31
						EX	PJOH023	R43789	43,5x10,21x155,8	45	2
ENG. 6404A/T, 6466A/T	4430, 4630, 4440, 4640, 4840, 7020, 7700, 8430, 8440, 4050, 4250, 4450, 4650, 4850				6	IN	PJOH024	R50358	43,5x9,47x157,2	30	31
						EX	PJOH025	R50357	43,5x9,45x157,7	30	1
									+ .003"		
						IN	PJOH026	R55055	43,5x9,55x157,2	30	31
						EX	PJOH027	R55056	43,5x9,53x157,7	30	1
									+ .015"		
						IN	PJOH028	R55057	43,5x9,85x157,2	30	31
						EX	PJOH029	R55058	43,5x9,83x157,7	30	1
									+ .030"		
						IN	PJOH030	R55059	43,5x10,23x157,2	30	31
EX	PJOH031	R55060	43,5x10,21x157,7	30	1						


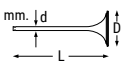




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 						
JOHN DEERE DIESEL																	
ENG. 6076 T/A/H	4650,4555, 4755, 4955, 4055, 4255, 4455, 7700, 7800, 710, 7810, 7820, 7920, 8100, 8200, 8300, 8110, 8210, 8310, 8410, 8120, 8220, 8320, 8420, 8520					IN	PJOH032	R84618	51,0x9,46x154,0	30	2						
						EX	PJOH033	R84619	47,0x9,44x157,0	30	32						
						IN	PJOH034	R93308	51,0x9,54x154,0	30	2						
						EX	PJOH035	R93311	47,0x9,52x157,0	30	32						
						IN	PJOH036	R93312	51,0x9,84x154,0	30	2						
						EX	PJOH037	R93313	47,0x9,82x157,0	30	32						
						ENG. 6068	6020 Series 6320, 6420, 6420S, 6520 (6068H), 6620 (6068H), 6820, 6920, 6920S 7020 Series 7220 (6068H), 7320 (6068H), 7420 (6068H), 7520 (6068H), 7720, 7820		6800 ccm		4/6	IN	PJOH038	R502369 RE518080	37,0x7,0x135,6	30	1
												EX	PJOH039	R502370 RE518081	36,0x7,0x135,5	30	1


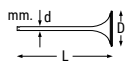




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
JUNAK BENZYNA											
ENG. S03 (OHV)	M10	60-61	349 ccm	14 kW (19 PS)	75 / 1	IN EX	PJUN001		43,0x9,0x107,0	45	5
							PJUN002		40,0x9,5x106,0	45	5


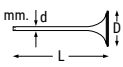




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KAMAZ											
						IN	PKAM001	7406.10070.10	51,5x10,0x160,7	45	2
						EX	PKAM002	7406.10070.15	46,4x10,0x160,7	45	2


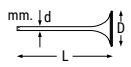




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KIA BENZYNA											
ENG. G4JP	Magentis 2.0i 16V Optima 2.0i 16V	01 →	1997 ccm	81 kW (110 PS)	85 / 4	IN	PKIA005	22211-33000	34x6,5x109,5	45	1
		00 →						MD127840			
ENG. RF (Mazda) ENG. R2 (Mazda)	Sportage 2.0 TD Besta 2.2 D	94 →	1998 ccm	53 kW (72 PS)	86 / 4	IN	PKIA007	RF01-12-111	41,0x8,0x107,0	45	1
		96 →	2184 ccm	46 kW (65 PS)				EX			
ENG. B1	Pride 1.1i 8V Pride 1.3i 8V	1/91 →	1138 ccm	38 kW (52 PS)	4	IN	PKIA013	MB30112111	32,0x7,0x105,3	45	1
		1/90 →	1324 ccm	51 kW (69 PS)	4			EX			
EN G. B5 (DOHC)	Sephia 1.5 16V Sheda 1.5 16V	96 →	1498 ccm		78 / 4	IN	PKIA015	B657-12111	31,0x6,0x105,3	45	1
		96 →						B6MC-12111			
ENG. G4ED ENG. G4ED	Carens 1.6i 16V Cerato 1.6 16V Rio 1.6 16V	4/02 →	1599 ccm	77-82 kW (105-112 PS)	76,5 / 4	IN	PKIA017	22211-26600	29,1x6,0x91,9	45	1
		04 → 05 →	1599 ccm	77-82 kW (105-112 PS)	76,5 / 4			EX			
ENG. G4FA	Cee'd 1.4 16V Pro Cee'd 1.4 16V Rio III 1.4 16V	06 →	1396 ccm	77-80 kW (105-109 PS)	77 / 4	IN	PKIA021	22211-2B000	31,4x5,5x93,2	45	1
		2/08 → 9/11 →						22211-2B400			
ENG. G4FC	Carens III 1.6 16V Cee'd 1.6 16V Cerato 1.6 16V Pro Cee'd 1.6 16V Soul 1.6 16V Venga 1.6 16V	8/09 →	1591 ccm	85-97 kW (115-132 PS)	77 / 4	EX	PKIA022	22212-2B000	26,0x5,5x92,6	45	1
		12/06 → 5/06 → 2/08 → 2/09 → 2/10 →									


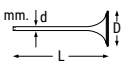




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KIA BENZYNA											
ENG. G4KA	Carens III MPV (UN) 2.0 CVVT	09/06 -	1998 ccm	100 kW / 136 HP	4	IN	PKIA029	22211-2G000	35,0x5,5x113,3	45	1
	Magentis (MG) 2.0	11/05 -						KK05047068AB			
ENG. G4KD	Magentis (MG) 2.0 OPTIMA 2.0 Sportage (SL) 2.0 CVVT Sportage (SL) 2.0 CVVT AWD	07/09 -	1998 ccm	106 kW / 144 HP	4	EX	PKIA030	KMN187696	29,0x5,5x106,0	45	1
		03/12 -						22212-25002			
		07/10 -						KK05047069AB			
		07/10 -						KK05047069AA			
ENG. G4KE	Sorento II (XM) 2.4 CVVT Sorento II (XM) 2.4 CVVT 4WD	11.2009 -	2359 ccm	126 kW / 171 HP	4						
		11.2009 -									
ENG. G4HG ENG. G4HE	PICANTO (SA) 1.1	04/04 -	1086 ccm	48 kW (65 PS)	4	IN	PKIA031	22211-02200	23,5x5,5x99,6	45	1
	PICANTO (SA) 1.0	04/04 -	999 ccm	45 kW (61 PS)	4	EX	PKIA032	22212-02200	27,0x5,5x98,9	45	1
	PICANTO (SA) 1.0	09/07 -									

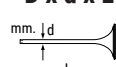




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KIA DIESEL											
ENG. J3TCI	Carnival 2.9 TDI	98 →	2902 ccm	93 kW (126 PS)	97,1 / 4	IN	PKIA001	OK55112111A	34,0x7,0x126,2	45	1
	Carnival 2.9 CRDI 16V	01 →				EX	PKIA002	OK55112121A	31,6x7,0x126,0	45	1
	Carnival 16V		2200 ccm								
	Sportage 2.0 TD	98 →	1998 ccm		86 / 4	IN	PKIA003	12911-78E00	39,5x8,0x106,7	30	1
						EX	PKIA004	12915-78E00	35,0x8,0x106,7	45	1
ENG. RF (Mazda)	Sportage 2.0 TD	94 →	1998 ccm	53 kW (72 PS)	86 / 4	IN	PKIA007	RF01-12-111	41,0x8,0x107,0	45	1
ENG. R2 (Mazda)	Besta 2.2 D	94 →	2184 ccm	46 kW (65 PS)	86 / 4	EX	PKIA008	RF01-12-121 RF01-12-121B	36,0x8,0x106,8	45	1
ENG. D4EA	Carens 2.0 CRDi 16V	02 →	1991 ccm	83-110 kW (113-150 PS)	83 / 4	IN	PKIA009	22211-27000	28,6x6,0x95,7	45	1
	Cerato 2.0 CRDi 16V	04 →						22211-27001			
	Sportage 2.0 CRDi 16V	04 →				EX	PKIA010	22212-27000	24,4x6,0x95,5	45	1
	Magnetis 2.0 CRDi 16V	05 →						22212-27001			
ENG. D4BH	Pregio 2.5 TD	8/01 →	2477 ccm	69-78 kW (94-106 PS)	91,1 / 4	IN	PKIA011	MD198404	40,0x8,0x130,2	45	1
	Pregio 2.5 TDI/TCI	04 →						22211-42520			
	K2500 2.5 Tci	05 →				EX	PKIA012	MD198406 22212-42520	34,0x8,0x130,0	45	1
EN G. J2	K2700 2.7 D	10/00 →	2665 ccm	59-61 kW (80-83 PS)	94,5 / 4	IN	PKIA019	OK65C12111	44,0x8,5x112,6	45	1
	Pregio 2.7 D	10/97 →				EX	PKIA020	OK65A12121 OK65B12121	37,3x8,5x112,9	45	1


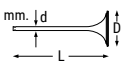




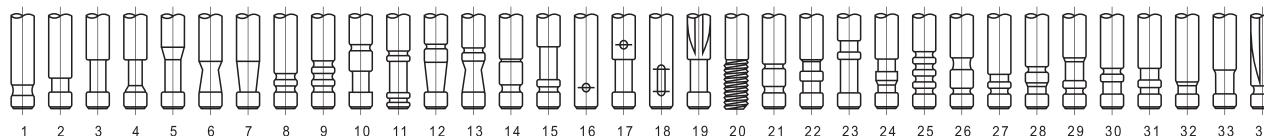
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. BF 6 L 912	Series D 12006 Series D 13006	5/72 → 5/72-2/78	5655 ccm	88-100 kW (120-136 PS)	100 / 6	IN	PKHD001	2133731 2137301 4153773	43,0x8,0x133,0	45	1
ENG. F 1 L 511 D		1/78-92	825 ccm	11-13 kW (15-17 PS)	100 / 1	EX	PKHD002	4153629	37,0x8,0x133,0	45	1
ENG. F 1 L 511 W		79-83	825 ccm	11 kW (15 PS)	100 / 1			4153629			
ENG. F 2 L 511 D		1/78-92	1650 ccm	22-26 kW (30-35 PS)	100 / 2			4153631			
ENG. F 2 L 511 W		79-83	1650 ccm	19-22 kW (26-30 PS)	100 / 2			2232717			
ENG. BF 6 L 913	Actor 5520 AgroStar DX 6.71/6.81 AgroStar 6.31 AgroStar 6.38/6.61 AgroStar 6.71/6.81/6.88/8.31 Ectron 5530 Intrac 6.30/6.60 Maehdrescher Series 5670 Series DX 140/145/160/230 Sersie DX 4.51 Series DX 6.50/6.60/7.10 Series M 168/160 Series M 1320/1300/1302 Series M 1322 Series M 2685 Series M 2780 Series M 3580 Series M 3610 Series M 4040/4045 TopLiner 4060	6/99 → 1/95 → 90-93 1/89-12/99 1/93-12/99 6/99 → 1/88 → 6/99 → 5/78-1/86 1/90-6/96 6/86 → 9/73-12/82 1/74-12/87 1/80-12/87 1/80-12/87 1/81-12/87 3/87	6128 ccm	70-140 kW (95-191 PS)	102 / 6			2137300 2237221 3371762 3371776 4153696 4153697 D0155085050			

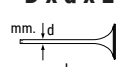




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. BF 4 L 913 T	Series DX 4.50/4.51 Sersie DX 4.70 Series DX 86/92	6/86-6/96 5/86 → 1/82-10/85	4086 ccm	55-78 kW (75-106 PS)	102 / 4	IN	PKHD001	2133731 2137301 4153773	43,0x8,0x133,0	45	1
ENG. BF 6 L 913 T	AgroSun 100/140 Intrac 6.30 Seires DX 4.50 Series DX 4.70 Series DX 6.31 Series M 4035	97 → 1/88-6/94 6/86-6/96 1/92 → 1/90 →	6128 ccm	85-112 kW (115-152 PS)	102 / 6	EX	PKHD002	4153629 4153631 2232717 2137300 2237221 3371762 3371776 4153696 4153697 DO155085050	37,0x8,0x133,0	45	1
ENG. F 2 L 912 D	Series D 2506/2807/3006/3607 Series DX 36	1/68-12/86	1884 ccm	18-25 kW (24-34 PS)	100 / 2	IN	PKHD001	2133731 2137301 4153773	43,0x8,0x133,0	45	1
ENG. F 2 L 912 W		72-80	1884 ccm	19-25 kW (26-34 PS)	100 / 2			4153629 4153631			
ENG. F 3 L 912 D	AgroCompact 3.30 Intrac 2002 Series D 4006/ 4007/ 4505/ 4506/ 4507/ 4807/ 5006/ 5206/ 5207/ 5506/ 6006/ 6007/ 6206/ 6207 Series DX 3.10/ 3.30/ 3.50/ 3.80/ 3.90/ 4.30/ 4.31 Series DX 50/55 Series M 88/ 600/ 660/ 750/ 770/ 3330	1/68 →	2826 ccm	26-44 kW (35-60 PS)	100 / 3	IN	PKHD003	4230567 4159138 4159136	43,0x8,0x133,0	45	9
						EX	PKHD002	2232717 2137300 2237221 3371762 3371776 4153696 4153697	37,0x8,0x133,0	45	1
ENG. F 3 L 912 W		72-97	2826 ccm	25-37 kW (34-50 PS)	100 / 3	EX	PKHD004	DO155085050 4159137 4159139 4231804	37,0x8,0x133,0	45	9


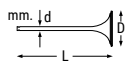




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. F1L 812	Series D 15	63-67	850 ccm	9 kW (13 PS)	95 / 1	IN	PKHD007	EO155084518	43,0x8,0x133,0	45	1
ENG. F2L 812	Series D 25/30 Series D 2505/3005 Unisuper 2501/3001	63 → 1/65-12/70 66 →	1700 ccm	16-22 kW (22-30 PS)	95 / 2	IN	PKHD001	2133730 2133731 2137301	40,0x8,0x133,0	45	1
ENG. F3L 812	Series D 40 Series D 4005/4505 Unisuper 4001	63-67 1/65-12/70 66 →	2552 ccm	26-29 kW (35-40 PS)	95 / 3			4153773 4153629 4153631			
ENG. F4L 812	Series D 5505 Series D 50 Series D 5005/6005 Series M 80/88	1/65-12/70 63-67 1/65-12/70 8/74 →	3400 ccm	33-43 kW (45-58 PS)	95 / 4	EX	PKHD008	EO155084519 3371746	35,0x8,0x133,0	45	1
ENG. F6L 812	Sirius 90 Series D 80 Series D 8005/9005	63-67 63-67 1/67-11/70	5104 ccm	59-74 kW (80-100 PS)	95 / 6	EX	PKHD002	2232717 2137300 2237221 3371762 3371776 4153696 4153697 DO155085050	37,0x8,0x133,0	45	1
ENG. BF 4 L 1011 ENG. BF 4 L 1011 F Euro 1 ENG. BF 4 L 1011 FT Euro 1 ENG. F 2 M 1011 F Euro 1 ENG. F 3 M 1011 ENG. F 3 M 1011 F Euro 1 ENG. F 4 M 1011 F Euro 1		6/89-12/94 1/94 → 1/94 → 97 → 10/98 → 94 → 94 →	2732 ccm 2732 ccm 2732 ccm 1366 ccm 2185 ccm 2185 ccm 2914 ccm	50-56 kW (68-76 PS) 48-56 kW (65-76 PS) 46-53 kW (63-72 PS) 21-23 kW (29-31 PS) 32-36 kW (44-48 PS) 32-36 kW (44-49 PS) 44-48 kW (60-65 PS)	91 / 4 91 / 4 91 / 4 91 / 2 91 / 3 91 / 3 91 / 4	IN EX	PKHD009 PKHD010	4178899 4170491 4170899 4178158 2108184	40,5x8,0x124,9 35,0x8,0x124,7	30 45	9 9

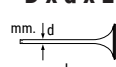




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. F 2 L 1011		6/89 →	1366 ccm	18-22 kW (25-30 PS)	91 / 2	IN	PKHD011	4170898	40,0x8,0x124,6	45	9
ENG. F 2 L 1011 F Euro 1		94 →	1366 ccm	20-22 kW (27-30 PS)	91 / 2			4271175			
ENG. F 3 L 1011		6/89 →	2049 ccm	27-33 kW (37-45 PS)	91 / 3			4272209			
ENG. F 3 L 1011 F Euro 11		94 →	2049 ccm	28-33 kW (38-45 PS)	91 / 3			2108183			
ENG. F 4 L 1011		10/88 →	2732 ccm	36-44 kW (49-60 PS)	91 / 4	EX	PKHD010	4170899	35,0x8,0x124,7	45	9
ENG. F 4 L 1011 F Euro 1		94 →	2732 ccm	40-46 kW (55-63 PS)	91			4178158			
								2108184			
ENG. BF 6 M 1015 Euro 2		98 →	11910 ccm	228-341 kW (288-33 PS)	132 / 6	IN	PKHD014	4220143	46,0x8,0x133,0	30	9
ENG. BF 6 M 1015 CU Euro 2		9/99 →	11910 ccm	226-305 kW (226-305 PS)	132 / 6			4226413			
ENG. BF 6 M 1015 M Euro 2		3/93 →	15870 ccm	290-304 kW (394-413 PS)	132 / 8	EX	PKHD015	4220142	42,0x8,0x133,0	45	9
ENG. TCD 2015 V6 Euro 3		3/93 →	11900 ccm	360 kW (489 PS)	132 / 6			4226412			
ENG. F/A 6L 714	Saturn 145	59 →	9500 ccm	107 kW (195 PS)	120 / 6	IN	PKHD016	E01440820004	44,6x9,9x170,0	45	1
ENG. F/A 8L 714	Pluto 201 F-L	60 →	12667 ccm	144 kW (195 PS)	120 / 8			3358980			
ENG. F/A 12L 714		60-69	19000 ccm	214 kW (290 PS)	120 / 12			3358982			
ENG. F/A 12L 714-Turbo		62 →	19000 ccm	230 kW (313 PS)	120 / 12	EX	PKHD017	E01440820003	41,6x9,9x170,0	45	1
ENG. F 1 L 514, F 2 L 514		60 →			1, 2			3358981			
ENG. F 3 L 514, F 4 L 514		60 →			3, 4						
ENG. F 6 L 514, F 8 L 514		60 →			6, 8						
ENG. F 12 L 614		60 →			12						
ENG. F1L 612		60-63	763 ccm	8 kW (10 PS)	90 / 1	IN	PKHD018	E0155082449	39,0x9,9x133,0	45	6
ENG. F2L 612		60-63	1526 ccm	15 kW (20 PS)	90 / 2			3371711			
ENG. F4L 612		60-63	3052 ccm	30 kW (40 PS)	90 / 3	EX	PKHD019	E0155080314	35,0x9,9x133,0	45	6
ENG. F1L 712	Series D 13/14/15	58-68	850 ccm	9 kW (13 PS)	95 / 1			3371664			
ENG. F2L 712	Series D 25/30	1/59-68	1700 ccm	15-21 kW (20-28 PS)	95 / 2						
ENG. F3L 712	Series D 40	58-68	2552 ccm	26-28 kW (35-38 PS)	95 / 3						
ENG. F4L 712	Series D 50	58-68	3400 ccm	34-38 kW (46-52 PS)	95 / 4						
ENG. F6L 712	Sirius 90	58-68	5104 ccm	66 kW (90 PS)	95 / 6						


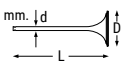




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
KLOECKNER-HUMBOLDT-DEUTZ DIESEL													
ENG. F8L 514, A6L 514 ENG. FL 514, FL 614		50-56			4/6	IN	PKHD024	E0152081324	44,6x12,0x169,0	45	6		
						EX	PKHD025	E0152081325	41,6x12,0x169,0	45	6		
ENG. A 12 L 612			15960 ccm	162 kW (220 PS)	110 / 12	IN	PKHD026	E0154084731	44,6x12,0x170,0	45	6		
ENG. F/A 2 L 514		57-62	2660 ccm	27 kW (36 PS)	110 / 2			E0154084233					
ENG. F/A 3 L 514		57-62	3990 ccm	40 kW (54 PS)	110 / 3			3369307					
ENG. F/A 4 L 514		57-62	5322 ccm	53 kW (72 PS)	110 / 4			EX	PKHD027	E0154084234	41,6x12,0x170,0	45	6
ENG. F/A 6 L 514, F/A 6 L 614		57-68	7980 ccm	81 kW (110 PS)	110 / 6					3369308			
ENG. F/A 8 L 614		57-68	10640 ccm	108 kW (147 PS)	110 / 8								
ENG. F 1 L 514		57-68	1330 ccm	13 kW (18 PS)	110 / 1								
ENG. F 6 L 613		57-68	7400 ccm	88-98 kW (120-126 PS)	110 / 6								
BF6M 1015 Euro 1						EX	PKHD034	04228253	42,0x8,0x133,0	30	9		
						IN	PKHD035	12032870	55,9x11,0x203,0	30	1		
						EX	PKHD036	12304754					
						EX	PKHD039	12301786	51,3x11,0x202,8	20	25		
						EX	PKHD039		51,3x11,0x202,8	20	1		
ENG. TBD 616 V8			17500 ccm	480 kW (653 PS)	132 / 8	IN	PKHD037	12275153	47,0x9,0x152,7	30	9		
ENG. TBD 616 V12			26300 ccm	720kW (979 PS)	132 / 8	EX	PKHD038	12275154	43,0x9,0x152,7	30	9		
ENG. TBD 616 V16			35000 ccm	960W (1305 PS)	132 / 12								
	Type 208					IN	PKHD050	4155529	32,5x7,0x107,6	45	1		
						EX	PKHD051	4155596	28,4x7,0x107,6	45	1		
									Grubość grzybka +0,40 [mm]				
							IN	PKHD040		32,5x7,0x107,6	45	1	
						EX	PKHD041		28,4x7,0x107,6	45	1		


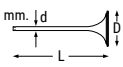




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. TCD 2013 L06 4V Euro 3	Agrotron 710		7146 ccm	147-243kW (200-330 PS)	108 / 6	IN	PKHD042	04900685 04903005	38,5x8,0x145,9	30	9
						EX	PKHD043	04900686 04903006	35,8x8,0x145,9	45	9
ENG. AKD 12/112-1 ENG. AKD 12/112-2 ENG. AKD 12/112-3 ENG. AKD 12/112-4		54-65	905 ccm	8-9 kW (11-12 PS)	98 / 1	IN	PKHD044	632134600014	41,0x10,0x129,0	45	3
		60-65	1810 ccm	16-18 kW (22-24 PS)	98 / 2			12165702			
		60-65	2715 ccm	24 kW (33 PS)	98 / 3			12911163			
		54-65	3600 ccm	32 kW (44 PS)	98 / 4	EX	PKHD045	632134600024	37,0x10,0x129,0	45	3
ENG. TD 226-6	AgroStar 6.71	92-96	6234 ccm	99-125 kW (135-170 PS)	105 / 6	IN	PKHD046	622804603014 F285200210230 F384200210060	42,0x9,0x117,0	30	9
						EX	PKHD047	622604603024 F285200210200 12159602 12165099 12911162	38,0x9,0x117,0	45	9
ENG. 1000. 3WT, 1000. 4W, 1000. 3W	Agro Compact 70F4, F60, 75, 80					IN	PKHD048	010.6016.0 07814200 08114200 08114201	44,0x9,0x130,9	30	1
						EX	PKHD049	066.1421.0	39,4x9,0x131,0	45	1


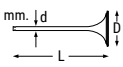




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. BF 6L 913	Deutz-Fahr Agrostar DX 6.08	01/90 - 12/93	6128 ccm	79 kW (107 PS)	6/102	IN	PKHD032	4153631	43,0x8,0x133,0	45	1
	Deutz-Fahr Agrostar DX 6.61	01/90 - 12/95		105 kW (143 PS)		EX	PKHD033	4153696	37,0x8,0x133,0	45	1
	Deutz-Fahr DX 6.50	01/83 -		100 kW (136 PS)							
	Deutz-Fahr DX 7.10	01/84 - 12/89		118 kW (160 PS)							
	Deutz-Fahr DX 140	01/78 -		93 kW (126 PS)							
	Deutz-Fahr DX 145	01/80 -		98 kW (133 PS)							
	Deutz-Fahr DX 160	01/78 -		110 kW (160 PS)							
ENG. BF 6L 913 T	Deutz-Fahr AGRO-STAR DX 6.31	01/93 - 12/96	6128 ccm	88 kW (120 PS)	6/102						
	Deutz-Fahr AGRO-STAR DX 6.38	01/90 - 12/93		92 kW (125 PS)							
ENG. F 2L 812	Deutz-Fahr D05 D2505	01/65 -	1700 ccm	16 kW (22 PS)	2/95						
	Deutz-Fahr D05 D3005	01/65 -		21 kW (28 PS)							
ENG. F 3L 812	Deutz-Fahr D05 D4005	01/65 -	2552 ccm	26 kW (35 PS)	3/95						
	Deutz-Fahr D05 D4505	01/65 -		29 - 30 kW (39 - 41 PS)							
ENG. F 4L 812	Deutz-Fahr D05 D5005	01/65 -	3400 ccm	33 kW (45 PS)	4/95						
	Deutz-Fahr D05 D5505	01/65 -		38 kW (52 PS)							

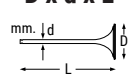




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KOMATSU DIESEL											
ENG. 4D155 ENG. 6D155	Tractor, Bulldozer, Generator	80 →			4/6	IN	PKOM001	6127-41-4173	56,2x11,0x212,5	45	1
		72 →				EX	PKOM002	6127-41-4214 50213800 50213900	53,1x11,0x212,5	45	1
ENG. 4D105/6D105	Tractor, Buldozer Grader, Shovel Generator Compressor		6194 ccm		4/6	IN	PKOM003	6136-41-4110	46,1x10,0x145,5	30	1
						EX	PKOM004	6136-41-4210 6136-41-4211	40,1x10,0x145,5	45	1
ENG. 4D165/S6D110	Tractor, Buldozer Shovel, Grader Generator	80 →			4	IN	PKOM005	6136-42-4110	47,2x9,0x148,6	30	1
						EX	PKOM006	6136-42-4210	41,2x9,0x148,6	45	1
ENG. 6D130 (NH220)	Cummins Tractor, Buldozer Generator, Genetator Compressor	65 →	4330 ccm		6	IN	PKOM007	6610-41-4110	44,4x10,2x179,4	30	8
						EX	PKOM008	6610-41-4210	44,4x10,2x179,4	30	8


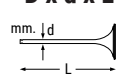




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
KUBOTA											
ENG. WG52	Z 75					IN	PKUB001	15221-13110	33,0x8,0x101,0	45	1
						EX	PKUB002	15221-13120	27,0x8,0x101,0	45	1
	Z B 6					IN	PKUB003		31,0x7,0x89,7	45	2
						EX	PKUB004		27,5x7,0x89,7	45	2
	Z 500					IN	PKUB005		27,0x7,0x89,7	45	2
						EX	PKUB006		23,5x7,0x89,7	45	2
	V-2203, 87 m/m				4	IN	PKUB007		37,5x8,0x101,5	45	1
						EX	PKUB008		32,1x8,0x101,6	45	1
ENG. D905/1005/1105 ENG. V1205/1305/1505			570 ccm	8,2 kW (11 PS)	2/71,88	IN	PKUB009	1G673-13110	31,0x7,0x89,7	30	2


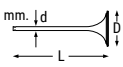




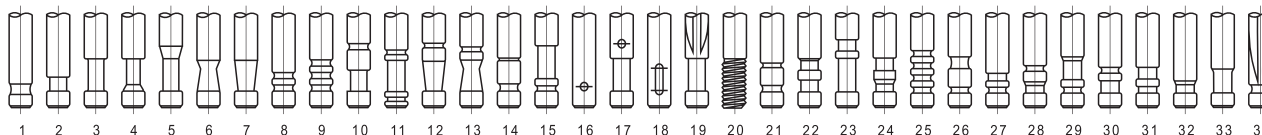
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LADA (ŁADA) BENZYNA											
ENG. VAZ 1011, 2101, 2102	Nova 1.2 1200	9/81 → 1/70-6/86	1198 ccm	44-46 kW (60-62 PS)	76 / 4	IN	PLAD001	2101-1007010 4183269	37,0x8,0x113,0	45	1
ENG. VAZ 2103.1	Nova 1.5 Toscana 1.5 1500	3/85 → 1/86-12/00 9/72-10/86	1452 ccm	52-57 kW (70-77 PS)	76 / 4	EX	PLAD002	2101-1007012 4183270	31,5x8,0x113,0	45	1
ENG. VAZ 2103.2	Nova 1.5	8/94 →	1452 ccm	49 kW (67 PS)	76 / 4						
ENG. VAZ 21011, 21033	Nova 1.3 1300	5/81 → 5/78-1/87	1294 ccm	48 kW (65 PS)	79 / 4						
ENG. VAZ 2105	Nova 1.3 Toscana 1.3 1300	5/81 → 1/86 → 8/74-0/84	1294 ccm	48 kW (65 PS)	79 / 4						
ENG. VAZ 2106	Niva 1.6 Nova 1.6 1600	12/76-3/95 5/81 → 9/72-10/86	1569 ccm	54-59 kW (73-80 PS)	79 / 4						
ENG. VAZ 2107	1600	9/72-8/84	1569 ccm	58 kW (78 PS)	79 / 4						
ENG. VAZ 2121	Niva 1.6	1/87-3/95	1569 ccm	51-53 kW (70-72 PS)	79 / 4						
ENG. VAZ 2108 (45 kW)	Forma 1.3 Samara 1.3	9/91-12/00 1/88 →	1288 ccm	45-48 kW (61-65 PS)	76 / 4	IN EX	PLAD003 PLAD004	21081-1007010 2108-1007012	35,0x8,0x104,0 31,5x8,0x104,0	45 45	9 9
ENG. VAZ 2108 (48 kW)	Samara 1.3i	2/96 →	1288 ccm	48-49 kW (65-67 PS)	76 / 4						
ENG. VAZ 2108 (49 kW)	Samara 1.3	1/86 →	1288 ccm	49 kW (67 PS)	76 / 4						
ENG. VAZ 2108 (53 kW)	Samara 1.3	1/86 →	1288 ccm	53 kW (73 PS)	76 / 4						
ENG. VAZ 2108.1 (39 kW)	Forma 1.1 Samara 1.1	9/91-12/00 1/86-12/94	1098 ccm	39 kW (53 PS)	76 / 4						
ENG. VAZ 2108.1 (43 kW)	Samara 1.1i	2/96 →	1098 ccm	43 kW (58 PS)	76 / 4						


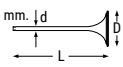




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LADA (ŁADA) BENZYNA											
ENG. VAZ 2108.3 (50 kW)	Forma 1.5	9/91-12/00	1488 ccm	50 kW (68 PS)	82 / 4	IN	PLAD005	2108-1007010	37,0x8,0x104,0	45	9
	Samara 1.5	90 →									
ENG. VAZ 2108.3 (51 kW)	Samara 1.5i	1/88 →	1488 ccm	51-52 kW (70-71 PS)	82 / 4	EX	PLAD004	2108-1007012	31,5x8,0x104,0	45	9
ENG. VAZ 2108.3 (53 kW)	Forma 1.5	9/91-12/00	1488 ccm	53 kW (72 PS)	82 / 4						
ENG. VAZ 2108.3 (55 kW)	Samara 1.5	9/88 →	1488 ccm	55-58 kW (75-79 PS)	82 / 4	IN	PLAD006	2112-1007010	29,2x7,0x96,0	45	9
	Samara 1.5	1/86 →									
ENG. VAZ 2111	110 1.5	1/95 →	1499 ccm	56-59 kW (76-80 PS)	82 / 4	EX	PLAD007	2112-1007012	25,5x7,0x97,2	45	9
	111 1.5	1/96 →									
ENG. VAZ 2112	112 1.5	1/95 →	1499 ccm	70 kW (95 PS)	82 / 4	IN	PLAD006	2112-1007010	29,2x7,0x96,0	45	9
	110 1.5 16V	1/95 →									
ENG. BA3 21214	111 1.5 16V	1/95 →	1690 ccm	59 kW (80 PS)	82 / 4	IN	PLAD006	2112-1007010	29,2x7,0x96,0	45	9
	112 1.5 16V	1/95 →									
ENG. BA3 21214	Niva 1.7 MPI	99 →	1690 ccm	59 kW (80 PS)	82 / 4	IN	PLAD015	4265695	29,0x7,0x95,3	30	1
	ENG. 100 GL.000										
ENG. 100 GL.000	Oka 0.9	99 →	903 ccm	33 kW (45 PS)	65 / 4	EX	PLAD016	4259853	26,0x7,0x95,7	45	1
ENG. C 20 XE	110 2.0i 16V	1/96 →	1998 ccm	110 kW (150 PS)	86 / 4	IN	PLAD018	642758	33,0x7,0x104,9	45	9
ENG. C 20 XE	110 2.0i 16V	1/96 →	1998 ccm	110 kW (150 PS)	86 / 4	EX	PLAD019	642858	29,0x7,0x105,0	45	9


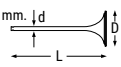




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LADA (ŁADA) DIESEL											
ENG. XUD 9A	Niva 4x4 1.9 D	1/93 →	1905 ccm	47-52 kW (64-71 PS)	83 / 4	IN	PLAD008	93510415	38,5x8,0x112,4	45	1
ENG. XUD9 SD	Niva 4x4 1.9 TD	1/99 →	1905 ccm	51-55 kW (71-75 PS)	83 / 4	EX	PLAD009	96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000 50054982 93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052 LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392			


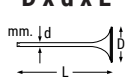




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LADA (ŁADA) DIESEL											
ENG. TUD 5	Samara 1.5 D	1/95 →	1527 ccm	40-42 kW (54-57 PS)	77 / 4	IN	PLAD011	96150145 0948.74 0948.A8 13201-6F900	37,0x7,0x108,4	45	1
						EX	PLAD012	96150144 0949.80 13202-6F900	31,5x7,0x108,2	45	1
ENG. DW10 TD	2123 2.0 TD		1997 ccm	66 kW (90 PS)	85 / 4	IN	PLAD013	0948.95 9624774280	35,6x6,0x107,1	45	9
						EX	PLAD014	0949.96 9624774580	33,8x6,0x107,1	45	9
ENG. R4	V-21129 1.6 (VESTA)	9/15 →	1596 ccm	78 kW (106 PS)	82/4	IN	PLAD025		31,6x5,0x94,7	45	9
	V-21129 1.8 (VESTA)	9/15 →	1774 ccm	90 kW (122 PS)	82/4	EX	PLAD026		27,50x5,0x95,75	45	9


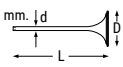




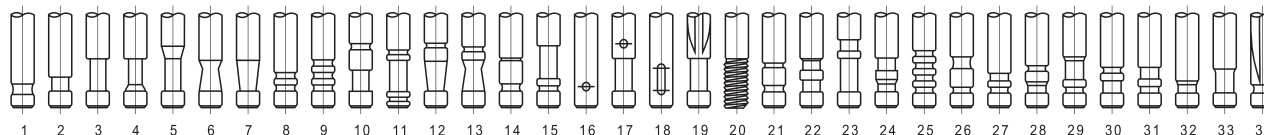
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LAMBORGHINI DIESEL											
	Agile 660S, 880S Cross 674-70N Ergomatic 674-70, 774-80 Formula 115 F Plus 880 Grand Prix 674-70, 774-80 Premium 850, 1060, 1100 Sprint 654-55, 664-60, 664-65, 674-70, 674-75, 684-85 Triumph 80, 674-70N, 774-80N, 956-100, 1106 C674/70 C774/80 R600/R660V/R956					IN	PLAM010	010.6016.0 07814200 08114200 08114201	44,0x9,0x130,9	30	1
						EX	PLAM011	066.1421.0	39,4x9,0x131,0	45	1


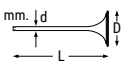




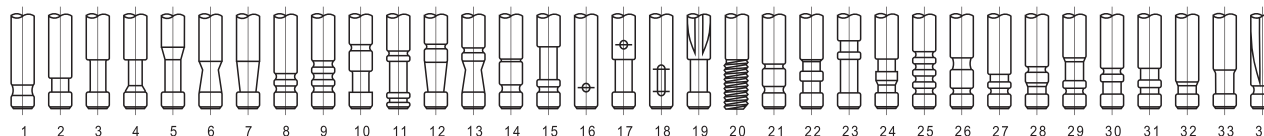
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LANCIA BENZYNA											
ENG. 156 A2.000	Y10 1.0	3/85-6/91	999 ccm	32-37 kW (44-50 PS)	70 / 4	IN	PLAN001	5942727	30,4x7,0x97,1	45	1
ENG. 156 A2.246	Y10 1.0i	10/87-2/92	999 ccm	33 kW (45 PS)	70 / 4			7666228			
ENG. 156 C.000	Y10 1.1i	1/89-9/92	1108 ccm	42 kW (57 PS)	70 / 4	EX	PLAN002	5942728	27,3x7,0x97,2	45	1
ENG. 156 C.046	Y10 1.1i	7/89-12/95	1108 ccm	37-40 kW (50-55 PS)	70 / 4			7666227			
ENG. M609MA.11.C	Y 1.1 Elefantino Blu	96-97	1108 ccm	37-40 kW (50-55 PS)	70 / 4			46514754 46553047			
ENG. 828 B.000	Beta 1.6	4/75-12/84	1585 ccm	74-77 kW (100-105 PS)	84 / 4	IN	PLAN003	4255694	41,9x8,0x106,3	45	1
	Trevi 1600	75 →				EX	PLAN004	4359309	36,2x8,0x105,9	45	1
ENG. 828 B1.000	Beta 2.0i	4/76-5/78	1995 ccm	80 kW (109 PS)	84 / 4			4255695			
	Prisma 2.0i	4/76-5/78						4293992			
	Trevi 2000	75 →						4469661			
ENG. 828 B4.000	Beta 2.0i	4/76-9/84	1995 ccm	80 kW (109 PS)	84 / 4			5975341			
ENG. 831 A4.000	Delta 1.6	11/82-4/86	1585 ccm	77 kW (105 PS)	84 / 4			4173747			
	Prisma 1.6	12/82-4/86						4186165			
ENG. 828.A.B2	Beta 1400	72 →	1438 ccm	66 kW (90 PS)	80 / 4			7597080			
ENG. 831 A1.000	Delta 1.5	9/79-4/86	1499 ccm	63 kW (86 PS)	86,4 / 4	IN	PLAN005	4212771	36,0x8,0x108,5	45	1
	Prisma 1.5	12/82-4/86						4239917			
ENG. 831 A2.000, 831 B.000	Delta 1.3	9/79-8/92	1301 ccm	55-58 kW (75-78 PS)	86,4 / 4	EX	PLAN006	4460697	31,0x8,0x109,0	45	1
	Prisma 1.3	12/82-12/89						4315062			
ENG. 835 A1.000	Dedra 1.6i	1/89-10/94	1581 ccm	66 kW (90 PS)	86,4 / 4			5973128 4239918 4314869 4190307 4286929			

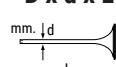




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LANCIA BENZYNA											
ENG. 838 A1.000	Kappa 2.0i 20V	11/94-6/96	1998 ccm	107 kW (145 PS)	82 / 5	IN	PLAN007	7735898	30,0x7,0x113,2	45	9
ENG. 175 A3.000	Kappa Turbo 2.0i 20V	6/98-12/00	1998 ccm	162 kW (220 PS)	82 / 5	EX	PLAN008	60812982 7735899 60812981	26,0x7,0x108,8	45	9
ENG. 840 A2.000, 840 A4.000	Y 1.4i 12V	1/96-6/00	1370 ccm	55-59 kW (75-80 PS)	82 / 4	IN EX	PLAN009 PLAN010	7712114 46413334	30,3x7,0x110,4 35,7x7,0x110,4	45 45	1 1
ENG. 182 A2.000	Dedra/Delta 1.8i 16V	1/96-12/99	1747 ccm	83 kW (113 PS)	82 / 4	IN	PLAN011	7766564	33,6x7,0x113,0	45	9
ENG. 182 B7.000	Lybra 2.0i 20V	10/99-9/00	1998 ccm	110-113 kW (150-154 PS)	82 / 5	EX	PLAN012	60811153	28,0x7,0x108,6	45	9
ENG. 183 A1.000, 839 A4.000, 839 A7.000	Dedra/Delta 1.8i 16V Lybra 1.8i/1.8i 16V	1/96-12/99 9/99 →	1747 ccm	96 kW (131 PS)	82 / 4			7766565 60811154			
ENG. 838 A6.000	Kappa 2.0i 20V Lybra 2.0i 20V	6/96-12/00 10/99 →	1998 ccm	110-114 kW (150-154 PS)	82 / 5			60674496			
ENG. 841 E.000	Thesis 2.0i Turbo 20V	4/02 →	1998 ccm	136 kW (185 PS)	82 / 5						
ENG. 838 A2.000, 838 A2.027	Kappa 2.4i 20V	8/94-10/01	2446 ccm	129 kW (175 PS)	83 / 5						
ENG. 841 D.000	Thesis 2.4i 20V	4/02 →	2446 ccm	125 kW (170 PS)	83 / 5						
ENG. 182 B6.000	Lybra 1.6i 16V	10/00 →	1598 ccm	76 kW (103 PS)	80,5 / 4	IN	PLAN015	46413806	30,3x7,0x102,5	45	1
ENG. 182 A4.000	Dedra/Delta 1.6i 16V Lybra 1.6i 16V	1/96-12/99 10/99-9/00	1581 ccm	76 kW (103 PS)	86,4 / 4	IN EX	PLAN097 PLAN016	46462158 46517325 46761369 55183592 55192067	34,0x8,0x112,0 29,8x7,0x102,9	45 45	1 1
ENG. 182 A6.000	Delta 1.6i 16V	1/96-12/99	1581 ccm	66-76 kW (90-103 PS)	86,4 / 4			4424173 46413807 46462159 46761370 46461209 55196738			


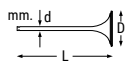




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
LANCIA BENZYNA												
ENG. 828 B3.000	Beta Berlina/Coupe 1300	74 →	1297 ccm	58 kW (78 PS)	76 / 4	IN	PLAN018	82316779	37,6x8,0x107,3	45	1	
							EX	PLAN019	82336458	33,9x8,0x106,9	45	1
ENG. 828 B.000	Beta 1600 Beta H.P.E. 1600 Beta Coupe 1600 Beta Spider 1600 Trevi 1600	8/73-7/82	1585 ccm	74 kW (100 PS)	84 / 4	IN	PLAN020	4300760	42,3x8,0x106,4	45	1	
		8/80-9/84					EX	PLAN004				4359309
		4/76-12/84										4255695
		5/76-8/82										4293992
ENG. 828 A1.000	Beta 1800	8/73-7/76	1756 ccm	81 kW (110 PS)	84 / 4	EX		4469661	36,2x8,0x105,9	45	1	
								5975341				
								4173747				
								4186165				
ENG. RGX	Zeta 2.0i Turbo	9/94-6/99	1998 ccm	108-114 kW (147-155 PS)	86 / 4	IN	PLAN021	96059361	42,6x8,0x108,8	45	9	
								9605936180				
								0948.66				
								96147032				
						EX	PLAN022	96059362	34,5x8,0x108,4	45	9	
								96117828				
								9614703280				
								9611782880				
ENG. P8C, XUD 11ATE, XUD 11BTE	Zeta 2.1 TD 12V	5/96-6/99	2088 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PLAN023	0948.68	33,9x8,0x122,3	45	9	
								96008334				
								96007817				
								9600781780				
						EX	PLAN024	0949.68	33,9x8,0x121,9	45	9	
								96079213				
								96042957				
								9604295780				


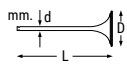




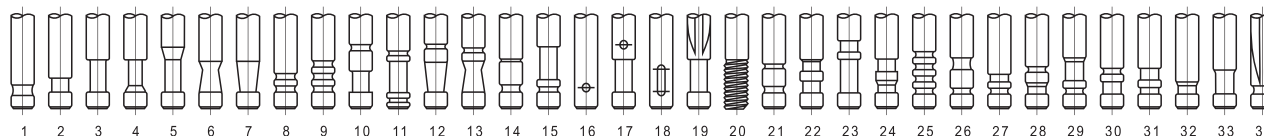
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LANCIA BENZYNA											
ENG. 176 B9.000	Y 1.2i 16V	4/97-6/00	1242 ccm	59-63 kW (80-86 PS)	70,8 / 4	IN	PLAN029	46403681	26,8x6,0x95,0	45	9
ENG. 188 A5.000	Y 1.2i 16V	6/00-6/03	1242 ccm	59-63 kW (80-86 PS)	70,8 / 4	EX	PLAN030	46553048	22,4x6,0x96,2	45	9
	Ypsilon (843) 1.2i 16V	6/03 →						46471639			
ENG. 843 A1.000, 192 B2.000	Ypsilon 1.4i 16V Musa 1.4i 16V	03 → 04 →	1368 ccm	66-70 kW (90-95 PS)	72 / 4						
ENG. 176 B2.000	Y 1.1i	96 →	1108 ccm	40 kW (54 PS)	70 / 4	IN	PLAN031	7770334	31,5x7,0x97,0	45	1
ENG. 188 A4.000, 840 A3.000	Y 1.2 8V	96 →	1242 ccm	44 kW (60 PS)	70,8 / 4	EX	PLAN002	46436048 5942728 7666227 46514754 46553047	27,3x7,0x97,2	45	1
ENG. 159 A3.000, 159 B9.000, 835 C1.000	Delta 1.6i Dedra 1.6 S.P.I.	94-99	1581 ccm	ccm 60-63 kW (82-86 PS)	86,4 / 4	IN	PLAN032	7617500	39,5x8,0x108,5	45	1
		89 →				EX	PLAN006	96700315 4315062 5973128 4239918 4314869 4190307 4286929	31,0x8,0x109,0	45	1
ENG. 160 A1.046, 836 A4.000	Delta II 1.4ie	10/94-8/99	1372 ccm	51 kW (69 PS)	80,5 / 4	IN	PLAN033	7609772	37,5x8,0x108,5	45	1
ENG. 835 A1.000	Dedra 1.6ie	8/89-6/94	1581 ccm	66 kW (90 PS)	86,4 / 4	EX	PLAN006	96700311 46531590 46531591 4315062 5973128 4239918 4314869	31,0x8,0x109,0	45	1


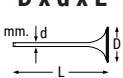




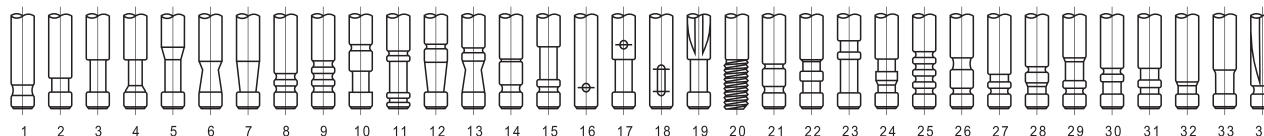
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LANCIA BENZYNA											
ENG. Fiat	Dedra 1.6 S.P.I. ENG. 835A1.000 Bosch	89 →	1581 ccm	66 kW (90 PS)	86,4 / 4	IN	PLAN033	7609772	37,5x8,0x108,5	45	1
						EX		PLAN017			
ENG. 834 B.000	Thema 2.0i Prisma 2000 ie 4WD	11/84-9/88 83-89	1985 ccm	88 kW (120 PS)	84 / 4	IN	PLAN038	4440061	43,6x8,0x105,6	45	1
ENG. 168 AR2.000	Delta 1600 GT	83-89	1585 ccm		84 / 4			4460061			
ENG. 831 A7	Delta 1600 HF Turbo	83-89	1585 ccm		84 / 4			7547400			
	Delta 1600 ie GT Prisma 1600/1600 ie	83-89 83-89	1585 ccm		84 / 4	EX		PLAN004			
ENG. 831 B7.046, 831 B3.000	Delta 1.6 HF Turbo	83 →	1585 ccm		84 / 4	IN	PLAN038	4440061	43,6x8,0x105,6	45	1
	Delta 2.0 ie HF 4WD Turbo	86-88	1995 ccm	121 kW (165 PS)	84 / 4			4460061			
	Thema 2.0 ie Turbo	84-87	1995 ccm	121 kW (165 PS)	84 / 4			7547400			
ENG. 834 B.000, 834 B1.000	Thema 2.0 ie	84 →	1995 ccm		84 / 4	EX		PLAN039			



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LANCIA BENZYNA											
ENG. 834 B2.000, 834 B2.246	Thema 2.0i 16V	6/88-5/92	1995 ccm	108 kW (147 PS)	84 / 4	IN	PLAN041	7474739	34,5x7,0x128,0	45	1
ENG. 834 F1.000	Thema 2.0i 16V	5/92-11/94	1995 ccm	112 kW (152 PS)	84 / 4			7574739			
ENG. 836 A2.000	Delta 2.0i Turbo 16V	1/93-9/96	1995 ccm	137-142 kW (186-193 PS)	84 / 4			7722907			
ENG. 836 A3.000	Dedra 2.0i 16V Delta 2.0i 16V	10/94-10/99 1/93-12/95	1995 ccm	102-104 kW (139-142 PS)	84 / 4	EX	PLAN042	7611673 7650916	28,5x7,0x125,7	45	1
ENG. 838 A4.000, 834 A4.000	Kappa 2.0i Turbo 16V	11/94-6/98	1995 ccm	151 kW (205 PS)	84 / 4			7958073			
ENG. 175 A4.000	Delta 2.0i Turbo 16V	9/96-12/99	1995 ccm	142 kW (193 PS)	84 / 4			7574742			
ENG. 834 C1.000, 834 C1.246	Thema 2.0i Turbo 16V	88-92	1995 ccm		84 / 4			60805836			
ENG. 834 E5.000, 831 E5.046	Delta 2.0i HF Turbo 16V 4WD	93-94	1995 ccm		84 / 4						
ENG. 831 D5.000	Delta 2.0i HF Turbo 16V 4WD	87-91	1995 ccm		84 / 4						
ENG. ES9 J4S, XFW	Phedra 3.0i 24V	9/02 →	2946 ccm	150-152 kW (204-207 PS)	87 / 6	IN	PLAN049	0948.A5 9630441380	35,0x6,0x108,4	45	1
						EX	PLAN050	0949.A5 9640181380	30,5x6,0x106,9	45	1
ENG. RFV (XU 10J4R)	Zeta 2.0i 16V	98-00	1998 ccm	97 kW (132 PS)	86 / 4	IN	PLAN058	9628943380 96289433 0948.86 0948.92	34,6x6,0x106,4	45	1
						EX	PLAN059	9629861180 0949.92 0949.A6 96298611	29,6x6,0x105,8	45	1
EN G. RFN (EW10 J4)	Phedra 2.0i 16V Zeta 2.0i 16V	9/02 → 10/00-6/02	1997 ccm	103 kW (140 PS)	85 / 4	IN	PLAN060	9623950380 0948.99			
						EX	PLAN061	9636001780 0949.99			


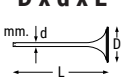




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LANCIA BENZYNA											
ENG. 838 000, 838 B.000	Kappa 3.0i 24V	11/94-12/00	2959 ccm	150 kW (204 PS)	93 / 6	IN	PLAN091	60560643	35,6x7,0x102,0	45	9
ENG. 841 A.000	Thesis 3.0i 24V	4/02 →	2959 ccm	158 kW (215 PS)	93 / 6	EX	PLAN092	55186770	31,1x7,0x102,1	45	9
ENG. 841 L.000	Thesis 3.2i 24V	03 →	3179 ccm		93 / 6			60560644			
ENG. RFV	Zeta 2.0i 16V	6/99-10/02	1998 ccm	97-100 kW (132-136 PS)	86 / 4	IN	PLAN095	0948.61 0948.75 96172597 91540748	34,6x7,0x106,4	45	9
						EX	PLAN096	0949.62 0949.81 96172795 91540782			
ENG. 188 A5.000	Ypsilon (840_) 1.2 16V (840AG1A)	10/00 - 09/03	1242 ccm	59 kW (80 PS)	4	IN	PLAN083	55185028	26,9x6,0x95,3	45	9
	Ypsilon (843_) 1.2	10/03 - 12/11				EX	PLAN084	55185080	22,4x6,0x94,7	45	9
ENG. 192 B2.000	MUSA (350_) 1.4	10/07 - 09/12	1368 ccm	66 kW (90 PS)	4	EX	PLAN084	55185080	22,4x6,0x94,7	45	9
ENG. 198 A1.000	DELTA III (844_) 1.4	10/07 - 09/12	1368 ccm	110 kW (150 PS)	4						
ENG. 198 A4.000	DELTA III (844_) 1.4	09/08 - 08/14	1368 ccm	88 kW (120 PS)	4						
	DELTA III (844_) 1.4 Bifuel	07/11 - 08/14									
ENG. 843 A 1.000	MUSA (350_) 1.4	10/04 - 09/12	1368 ccm	70 kW (95 PS)	4						
	YPSILON (843_) 1.4 16V	10/03 - 12/11									


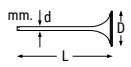




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm.	Kąt przyłgni 	Typ zamka
LANCIA DIESEL											
ENG. 831 D.000	Prisma 1.9 D	6/84-12/89	1929 ccm	48 kW (65 PS)	82,6 / 4	IN	PLAN013	5990532	37,4x8,0x116,8	45	1
ENG. 831 D1.000	Delta 1.9 TD Prisma 1.9 TD	6/86-6/91 5/85-12/89	1929 ccm	59 kW (80 PS)	82,6 / 4			7547158 60808694			
ENG. 835 A4.000, 160 D1.000	Dedra 1.9 TD Delta 1.9 TD	1/89-10/99 7/94-12/99	1929 ccm	66-68 kW (90-92 PS)	82,6 / 4	EX	PLAN014	5990533 7588577 60808695	33,5x8,0x117,0	45	1
ENG. 838 A3.000, 838 A7.000	Kappa 2.4 TD	11/94-3/98	2387 ccm	91 kW (124 PS)	82 / 5	IN	PLAN025	46527855 7798620	37,5x8,0x114,5	45	9
						EX	PLAN026	46527856 7783225	31,0x8,0x114,5	45	9
ENG. 838 A8.000	Kappa 2.4 JTD	3/98-12/00	2387 ccm	100 kW (136 PS)	82 / 5	IN	PLAN027	46750859	35,5x8,0x115,0	45	9
ENG. 839 A5.000	Lybra 2.4 JTD 20V	10/99-9/00	2387 ccm	96-98 kW (131-133 PS)	82 / 5			46478834			
ENG. 839 A6.000	Lybra 2.4 JTD	1/01 →	2387 ccm	103 kW (140 PS)	82 / 5			55193126			
ENG. AR 32302	Lybra 1.9 JTD	10/99-9/00	1910 ccm	76 kW (103 PS)	82 / 4			60816038			
ENG. AR 37101	Lybra 1.9 JTD	9/00-6/01	1910 ccm	77-85 kW (105-115 PS)	82 / 4			641083			
ENG. 188 B2.000	Musa 1.9 JTD	10/04 →	1910 ccm	74 kW (101 PS)	82 / 4	EX	PLAN028	46764378	34,5x8,0x115,0	45	9
ENG. 841 C.000	Lybra 2.4 JTD Thesis 2.4 JTD	6/02 → 4/02 →	2387 ccm	110 kW (150 PS)	82 / 5			46416321 46783962			
ENG. 937 A2.000	Lybra 1.9 JTD	6/01 →	1910 ccm	85 kW (115 PS)	82 / 4			55202630 60814604 60816025 641089			
EN G. RHZ (DW10ATED)	Zeta 2.0 JTD Phedra 2.0 JTD	6/99-10/00 02 →	1997 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PLAN034	0948.95 9624774280	35,6x6,0x107,1	45	9
						EX	PLAN035	0949.96 9624774580	33,8x6,0x107,1	45	9


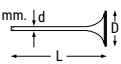




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LANCIA DIESEL											
ENG. 8144.91.2000, 8144.91.2200	Thema 2.5 TD	11/84-5/92	2499 ccm	74 kW (100 PS)	93 / 4	IN	PLAN036	4757358 7301820	41,0x8,0x120,8	30	1
ENG. 8144.97.2200	Thema 2.5 TDS	6/88-5/92	2499 ccm	83-87 kW (113-118 PS)	93 / 4			504069200			
ENG. 8144.97 Y	Thema 2.5 TD	1/93-11/94	2499 ccm	85 kW (116 PS)	93 / 4			7701030863 7701462678 7701463603 7701467250			
						EX	PLAN037	0948.A2 7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1
ENG. 841G.000, 841H.000, 841M.000, 841N.000	Thesis 2.4 JTD 20V	6/03 →	2387 ccm	120-129 kW (163-175 PS)	82 / 5	IN	PLAN043	55195535 55190248 55202556 46802049 641073 641074 641075 93178587 93185523	27,9x6,0x114,4	45	9
						EX	PLAN044	46787902 55190249 55202557 641385 641386 93178588			


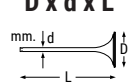




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LANCIA DIESEL											
ENG. RHW (DW10ATED4)	Zeta 2.0 JTD 16V Phedra 2.0 JTD 16V	02/04 →	1997 ccm	80 kW (109 PS)	85 / 4	IN	PLAN051	9635317980 1231931 0948.C0	30,0x6,0x106,2	45	9
ENG. RHM	Phedra 2.0 JTD 16V	02 →	1997 ccm	80 kW (109 PS)	85 / 4	EX	PLAN052	9635318480 1231930 0949.A9	25,0x6,0x106,2	45	9
ENG. RHM	Phedra 2.0 JTD 16V	9/02 →	1997 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PLAN053	9627184380 0948.A3	30,0x6,0x105,0	45	9
ENG. 4 HW	Phedra 2.2 JTD 16V	9/02-5/03	2197 ccm	94 kW (128 PS)	85 / 4	EX	PLAN054	1231931 3M5Q6507BA 8653745	25,0x6,0x105,0	45	9
ENG. DW10BTED4, RHR	Phedra 2.0 JTD 16V	7/06 →	1997 ccm	100 kW (136 PS)	85 / 4						
ENG. DW12BTED4	Phedra 2.2 JTD 16V	12/07-5/03	2179 ccm	125 kW (170 PS)	85 / 4						
ENG. 188 A9.000	Musa 1.3 JTD 16V Ypsilon (843) 1.3 JTD 16V	10/04 → 6/03 →	1251 ccm	51 kW (69 PS)	69,6 / 4	IN	PLAN062	46518930 55195680 55219965 641072 641077	22,0x6,0x109,3	45	9
ENG. 199 A2.000	Ypsilon (843) 1.3 JTD 16V	9/06 →	1248 ccm	55 kW (75 PS)	69,6 / 4	EX	PLAN063	93186090 12911-85E00 46518931	22,0x6,0x109,3	45	9
ENG. 199 A3.000	Musa 1.3 JTD 16V Ypsilon (843) 1.3 JTD 16V	9/06 → 9/06 →	1248 ccm	66-77 kW (90-105 PS)	69,6 / 4						
ENG. 188 A4.000	Ypsilon 1.3 16V Multijet	03 →	1248 ccm		69,6 / 4						
								55202685 55208213 641071 641402 93177306 93190438 12915-85E00			



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LANCIA DIESEL											
ENG. 198 A5.000	DELTA III (844_) 2.0 D Multijet	09/08 - 08/14	1956 ccm	121 kW (165 PS)	4	IN	PLAN098	5206431 55207517	28,0x5,0x114,4	45	9
ENG. 844 A1.000	DELTA III (844_) 1.9 D Multijet	01/09 - 08/14	1910 ccm	140 kW (190 PS)	4	EX	PLAN099	55205183 55207955	24,4x5,0x114,4	45	9
ENG. 844 A2.000	DELTA III (844_) 2.0 D Multijet	09/08 - 08/14	1956 ccm	120 kW (163 PS)	4						
LAND ROVER → ROVER 440 LANDINI → MASSEY FERGUSON 277											


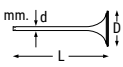




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LEYLAND DIESEL											
ENG. 0680		51 →	11100 ccm	156 kW (212 PS)	127,01 / 6	IN	PLEY001	PL608532	56,0x11,0x151,8	30	1
ENG. 0680 Power Plus.MK1,2/ /MK3	Handyman, Highwayman	55-56	11100 ccm	147 kW (200 PS)	127,01 / 6	EX	PLEY002	PL608532	48,4x11,0x150,7	30	1
	Hippo	55-56			PL608533						
	Invincible	58-61			608533						
	Leopard	59 →									
	Olympic Series 2, Royal Tiger	51 →									
	Routeman III	70-79									
	Steer	47-61									
Super Beaver, Super Hippo	49-71										
	Worldmaster	51-79									
	SW 680 Turbo				127,01 / 6	IN	PLEY003	PL612817	55,2x11,0x151,7	30	1
						EX	PLEY004	PL613865	47,6x11,0x150,4	30	1
ENG. 0370	Super Comet	64 →	6540 ccm		107,2 / 6	IN	PLEY005	PL909	42,8x8,66x146,0	30	1
						EX	PLEY006	607909 518731 PL910 607910 518732			


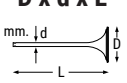




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LEYLAND DIESEL											
ENG. 0400 P.P.MkI/II 0400 P.P.MK3, 0401, 0402NA	Bear	69-72	6540 ccm		107,2 / 6	IN	PLEY007	PLA2584 10618846	45,7x8,66x145,9	30	1
	Chieftain (CH40/CH41)	72-84									
	Chieftain Super 6 (CH13)	60-72									
	Clydesdale (CD21)	60-72									
	Clydesdale (CD40/CD41)	72-82									
	Comet (13C)	63-68									
	Guy Big J4	68-77									
	Panther Club	64-70									
	Reiver (2RE40)	72-73									
	Reiver (RE25/RE27)	60-68									
	Super Clydesdale	69-72									
	Super Comet 14SC, 16SC	60-68									
	Super Comet 2SC, 16SCT	68-74									
	Super Reiver RE29, RE31, 20RE33, 20RE35	60-72									
	Tiger Club	62-70									
Tractor Unit Ch17, Ch53	69-72										
Viking VK43L	60-72										
Warrior	58-66										
ENG. 0410, 0411/0420 - Turbo	Bear	72-73	6540 ccm		107,2 / 6						
	Chieftain (CH40/CH41)	72-79									
	Clydesdale (CD40/CD41)	72-82									
	Reiver (RE41)	73-82									
Super Comet	72-74										
ENG. 0.350	Comet 90	52 →	5760 ccm	76 kW (104 PS)	100,61 / 6	IN	PLEY009	950505	39,2x8,0x129,5	45	7
		EX				PLEY010	950506	33,2x10,0x127,5	45	33	


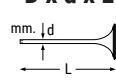




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LIAZ DIESEL											
	Liaz / Karosa ML, MŚ, M634				130 / 6	IN	PLIA001	312020241 442.1.1209.011.5	57,0x12,0x163,8	45	1
						EX	PLIA004	312020260 442.1.1209.015.5	50,0x12,0x163,8	45	1
	Liaz / Karosa Turbo ML, MŚ, M637, 638				130 / 6	IN	PLIA003	442.1.1209.014.5	57,0x12,0x163,8	30	1
						EX	PLIA004	312020260 442.1.1209.015.5	50,0x12,0x163,8	45	1
	Liaz / Karosa Turbo ML, MŚ				130 / 6	IN	PLIA003	442.1.1209.014.5	57,0x12,0x163,8	30	1
						EX	PLIA007	442.1.1209.027.5	50,0x12,0x163,8	30	1
							EX	PLIA008	442.1.1209.028.5	52,0x12,0x163,8	20


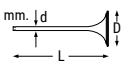




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LIEBHERR DIESEL											
						IN	PLIE001	9279578 9277799	52,2x10,0x146,4	30	25
						EX	PLIE002	9277800	48,8x10,0x146,3	30	25
ENG. D 924 TI-E A1		92 →	6640 ccm	66-180 kW (90-245 PS)	122 / 4	IN	PLIE001	9279578 9277799	52,2x10,0x146,4	30	25
						EX	PLIE003	9279579	48,8x10,0x146,3	45	25


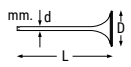




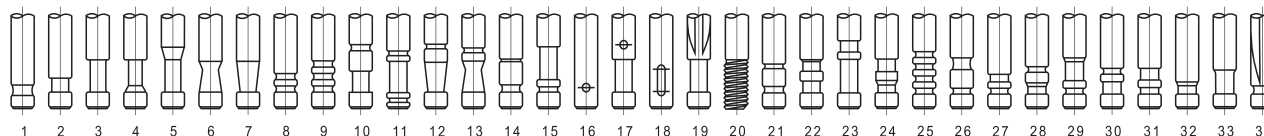
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LISTER											
ENG. ST 1		75 →			95,25 / 1	IN	PLIS001	201-80250	42,6x8,7x120,2	45	1
ENG. ST 2		75 →			95,25 / 2	EX	PLIS002	201-80240	35,6x8,7x120,3	45	1
ENG. ST 3		75 →			95,25 / 3						
ENG. HR 2-3-4-6/ /HRW 2-3-4-6/ /HRWS 6		67 →			107,95 2/6	IN EX	PLIS003 PLIS004	351K50420 35150432 351F50430 351F50432	48,0x9,5x137,5 40,0x9,5x137,5	45 45	1 1
ENG. SR1, SW1		67 →	552 ccm		88,9 / 1	IN	PLIS005	201-50871	39,6x8,7x119,7	45	1
ENG. SR2, SW2		67 →	1103 ccm		88,9 / 2	EX	PLIS006	201-50891	33,4x8,7x120,3	45	1
ENG. SR3		67 →	1655 ccm		88,9 / 3						
ENG. SR4		67 →	2205 ccm		88,9 / 4						
ENG. HA, HA2, FRD, HA3		57-69			101,6 / 2/3	IN	PLIS009	351-10361	46,8x9,5x137,5	45	1
ENG. HS6			1853 ccm		101,6 / 6	EX	PLIS010	351-10400 291-50150	39,5x9,5x137,5	45	1
ENG. 5/1 - 6/1 ENG. 8/1 - VA/73 ENG. 12/2 - 16/2		36-76 36-76 36-76			114,3 / 1 114,3 / 2 114,3 / 3 114,3 / 4	IN/ EX	PLIS012	8-1C121	37,4x11,0x166,0	45	2
ENG. LD1, LR1		49 →			1	IN/ EX	PLIS013	201-10363	29,5x7,9x113,5	45	1
ENG. LD2, LR2		49 →			2						
ENG. SL1, LD111, LR		66 →			1	IN	PLIS014	210-19350	32,5x7,9x120,0	45	1
ENG. SL2					2	EX	PLIS015	201-19360	29,5x7,9x120,0	45	1
ENG. SL3											
ENG. SI4											
ENG. SR1											
ENG. SR2											
ENG. SR3		61 →			3						
ENG. SR4		61 →			4						


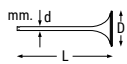




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LISTER											
ENG. TS2		84 →	1270 ccm			IN	PLIS017	201-30040	42,6x8,7x117,6	45	1
ENG. TS3		84 →	1900 ccm			EX	PLIS018	201-30051	35,6x8,7x117,6	45	1
	ST (KISA)							201-300518			
ENG. TL2, TL3						IN	PLIS019	201-33070	45,8x8,7x117,6	45	1
ENG. TR1, TR2, TR3						EX	PLIS020	201-33080	38,8x8,7x117,7	45	1
						IN/EX	PLIS021	336865	34,0x7,9x113,5	45	1


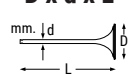




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LOKOMOTYWY											
ENG. 14D40/11D40	ST 44 (M62) (Gagarin)	65-88	150,6 dcm	1472 kW (2000 PS)	230 / 12	EX	PLOK001	11D40.84.1SB-4	75,0x17,8x298,0	45	6
ENG. 2112SSF	SU 45	70-76 82 →	95,64 dcm	1250 kW (1700 PS)	210 / 12	IN/ EX	PLOK002	2112SSF-27-014i	72,0x16,9x261,0	45	30
ENG. 5D49	BR 231/232 (TE109) (Ludmiła/Breżniew)	73-82		2200 kW (3000 PS)	260 / 16	IN EX	PLOK003 PLOK001	D49.78.05 11D40.84.1SB-4	84,7x17,8x249,5 75,0x17,8x298,0	45 45	6 6
ENG. a8C22	SM 42 (6D) (Stonka)	65-92	81,2 dcm	590 kW (800 PS)	220 / 8	IN EX	PLOK004 PLOK005	a8C22-27-166 a8C22-27-155	76,0x18,0x287,0 76,0x18,0x313,0	30 44	13 13
ENG. K6S310DR	S 200 (T669/ 770 CD) (Trzmiel)	63-93		993 kW (1350 PS)		IN/ EX	PLOK006	3-PIS-6003 01	101,0x20,0x305,0	45	10
ENG. 12LDA28/12LDS28B (Sulzer)	ST 43 (060DA) (Rumun)	65-78	265,8 dcm	1544 kW (2100 PS)	280 / 12	IN/ EX	PLOK007	D.201-100	114,0x22,0x319,0	30	14
ENG. PD1M	SM 48 (TEM2) (Tamara)	60-88	157,2 dcm	880 kW (1200 PS)	318 / 6	IN EX	PLOK008 PLOK009	D50.09.009 D50.09.010	102,0x22,0x336,5 102,0x22,0x437,5	45 45	9 9
ENG. K6S230DR	T448p (Koziołek)	76-89		883 kW (1200 PS)	6	IN/ EX	PLOK010	3-24-1 8550-00	81,0x18,0x272,0	30	15
ENG. 12V170DR	T334.0 TU3/ T47.0 / TU47.0 / 705.9	54-58		332 kW (451 PS)	170 / 12	IN/ EX	PLOK011	V12-30-320	60,0x14,0x192,0	45	10
	Typ 6S150TG (CKD PRAHA Horovice)					EX	PLOK012	31-1-0500-18/H	48,9x12,0x199,0	45	3
						EX	PLOK013	31-1-0500-23	43,9x12,0x160,0	45	3
						IN	PLOK014	31-1-0500-19/E	43,9x12,0x199,0	45	3
	S 160					IN/ EX	PLOK015	41-1-0500-24	57,9x12,0x197,0	45	3
						EX	PLOK016	41-1-0500-27	43,9x12,0x164,0	45	3
						IN/ EX	PLOK017	40-1-0506-00	57,9x12,95x197,0	45	3
	MLP					IN	PLOK018	822-08	56,9x13,0x186,1	45	3




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LOKOMOTYWY											
ENG. LDH45, MB 836 Bb (Maybach-Mercedes)	MK45 L45H			331 kW (450 PS)	6	EX	PLOK019	822-09	56,1x13,0x211,5	45	3
						IN	PLOK026	28200530401	57,0x13,0x189,0	45	33
						EX	PLOK027	28200530405 2815121328370	56,0x13,0x214,5	45	33
ALCO						IN/EX	PLOK032		77,4x16,0x292,1	45	2
ENG. A8C22	SM 42	01/65 - 12/92	81600 ccm	588 kW (800 PS)	220/8	IN	PLOK020	A8C22-27-166	76,0x17,9x287,0 Grubość grzybka +1,0 [mm]	30	13
ENG. 2112SSF	SP/SU 45	01/70 - 12/76	95600 ccm	1250 kW (1700 PS)	12/210	IN/EX	PLOK022	2112SSF-27-014i	72,0x16,9x261,0 Grubość grzybka +0,5 [mm]	45	30


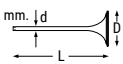




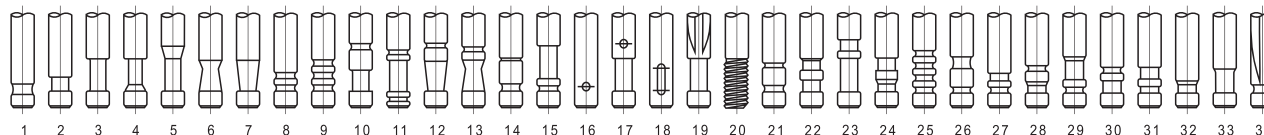
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
LOMBARDINI											
	LDA450 - 490 - 510				1	IN EX	PLOM019 PLOM020	283-9652-017 283-9685-027	34,3x7,0x99,4 29,5x7,0x99,0	45 45	1 1
	LDA820 4LD 640 4LD 705 4LD 820				1	IN EX	PLOM021 PLOM022	291-9652-019 291-9685-031	42,0x8,0x111,0 35,5x8,0x111,0	45 45	1 1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
LOTUS											
ENG. 18 K4K	ELISE 111 S	03/99 - 11/00	1796 ccm	107 kW (146 PS)	4	IN EX	PLOT003	LGH10064	31,6x6,0x89,6	45	1
							PLOT002	LGH10065	27,4x6,0x90,0	45	1


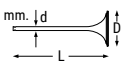




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
M.A.N. DIESEL											
ENG. D 0224 M, ME, MF	Series 6.90/8.90	10/79-9/87	3791 ccm	61-66 kW (83-90 PS)	102 / 4	IN	PMAN001	51.04101.0417	47,0x10,0x136,6	45	1
ENG. D 0226 M, ME, MFA, MFM, MFO, MH	Series 8.136/9.136/10.136	10/79-8/88	5687 ccm	98-100 kW (133-136 PS)	102 / 6	IN	PMAN003	51.04101.0398	49,0x10,0x136,6	30	1
ENG. D 0226 MC, MK, MKFA, MKFO, MKH, ML	Series 8.136/8.170/9.136/9.170/12.170/12.192/14.170/14.192/16.170/16.192/17.170/17.192/ 24.192	5/82-97	5687 ccm	100-154 kW (136-210 PS)	102 / 6	EX	PMAN002	51.04101.0422			
ENG. D 0226 MF Euro 0	Series 8.136/8.150/9.136/9.150/10.136/10.150/12.136/14.136/16.136/17.136	10/79-10/93	5687 ccm	92-100 kW (125-136 PS)	102 / 6			51.04101.0410	42,0x10,0x136,3	45	1
ENG. D 0226 MKF Euro 0	Series 12.170/12.192/14.170/14.192/16.170/16.192/17.170/17.192/ 24.192	4/83-12/90	5687 ccm	125-141 kW (170-192 PS)	102 / 6			51.04101.0401			
ENG. D 0226 MT		91-97	5687 ccm	125 kW (170 PS)	102 / 6			51.04101.0411			
ENG. D 0824 FL 01, GF 04, LE 301, LF 01/03/04/05/06/07/08/09/10, LFL 01, LFL 05, LFO 01, LOH 01/02/03 Euro 1		8/91 →	4580 ccm	66-118 kW (90-160 PS)	108 / 4	IN	PMAN003	51.04101.0425	49,0x10,0x136,6	30	1
ENG. D 0824 GF, GF 01 GF 02 Euro 0		4/87-5/94	4580 ccm	74 kW (100 PS)	108 / 4	EX	PMAN002	51.04101.0410	42,0x10,0x136,3	45	1
ENG. D 0824 GF 03 Euro 1		91 →	4580 ccm	75 kW (102 PS)	108 / 4			51.04101.0401			
ENG. D 0824 LF 02, LFG 01, LFL 02/03/04/06/07/08/ LFL 09/10, LFO 02, LOH 04/05 Euro 2		8/91 →	4580 ccm	81-162 kW (110-220 PS)	108 / 4			51.04101.0411			
								51.04101.0480			


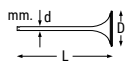




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
M.A.N. DIESEL											
ENG. D 0826 LF/217, LOH 12, LUE 501/503, LUH213		9/89 →	6871 ccm	110-160 kW (150-217 PS)	108 / 6	IN	PMAN003	51.04101.0425 51.04101.0422	49,0x10,0x136,6	30	1
ENG. D 0826 LOH Euro 0		11/95 →	6596 ccm	169 kW (230 PS)	108 / 6	EX	PMAN002	51.04101.0410	42,0x10,0x136,3	45	1
ENG. D 0826 TE 520, TOH 01, TUE 501		11/87 →	6596 ccm	96-130 kW (131-177 PS)	108 / 6			51.04101.0401 51.04101.0411 51.04101.0480			
ENG. D 0826 TF, TOH Euro 0		8/87-5/92	6596 ccm	132-137 kW (180-186 PS)	108 / 6						
ENG. D 0834 LFL 01/02 LFL 03/04, LOH 01/02/03 Euro 3		1/99 →	4580 ccm	103-125 kW (140-170 PS)	108 / 4						
ENG. D 0836 LF 01/02, LFL 01/04 Euro 2		6/98 →	6871 ccm	196-206 kW (266-280 PS)	108 / 6						
ENG. D 0836 LF 03/04/05, LF 06, LFG 01, LFL 03, LFL 02/05/06/, LOH 02/03, LUH 01/02 Euro 3		1/99 →	6871 ccm	162-206 kW (220-280 PS)	108 / 6						
ENG. D 0836 LOH 01 Euro 2		4/99 →	6871 ccm	206 kW (280 PS)	108 / 6						
ENG. D 0836 LOH 04 Euro 4		4/06 →	6871 ccm	177 kW (240 PS)	108 / 6						
ENG. D 2840 LF/460 Euro 0		5/87-2/90	18273 ccm	338 kW (460 PS)	128 / 10	IN	PMAN004	51.04101.0348 51.04101.0375 51.04101.0478	58,0x12,0x142,5	30	1
ENG. D 2848 L, LE, LE 30/401/403/405, LE/T, LXE, LYE, LZE		86 →	14618 ccm	265-588 kW (360-799 PS)	128 / 8	EX	PMAN005	51.04101.0367 51.04101.0440 51.04101.0447 51.04101.0479			
ENG. D 2848 T, TF		11/83 →	14618 ccm	245 kW (334 PS)	128 / 8						
ENG. D 2865 LF 02/03/04 Euro 0		2/90-6/96	9972 ccm	198-235 kW (270-320 PS)	128 / 5						
ENG. D 2865 LF 05/06/10/14 Euro 1		2/90 →	9972 ccm	198-250 kW (270-340 PS)	128 / 5						
ENG. D 2865 LF 09/13/20 Euro 2		1/94 →	9972 ccm	191-250 kW (260-340 PS)	128 / 5						

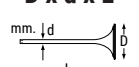




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
M.A.N. DIESEL											
ENG. D 2842 LE 602/604/606/607			21930 ccm	480-662 kW (653-900 PS)	128 / 12	IN	PMAN004	51.04101.0348 51.04101.0375	58,0x12,0x142,5	30	1
ENG. D 2866 LE 401/402/403		1/94 →	11967 ccm	368-441 kW (500-600 PS)	128 / 6	EX	PMAN005	51.04101.0478	51,0x12,0x142,5	45	1
ENG. D 2866 LF 20 Euro 2		1/94 →	11967 ccm	294 kW (400 PS)	128 / 6						
ENG. D 2866 LF 21/22 Euro 1		1/94-12/95	11967 ccm	272-309 kW (370-420 PS)	128 / 6						
ENG. D 2876 LF 02 Euro 2		1/94 →	12816 ccm	320-338 kW (435-460 PS)	128 / 6						
ENG. D 2848 LE 201/202/203		1/95 →	14618 ccm	320-494 kW (435-672 PS)	128 / 8						
ENG. D 2866 LE 201 Euro 2		4/95 →	11967 ccm	249-354 kW (339-481 PS)	128 / 6						
ENG. D 2866 LE 202/203/211		6/95 →	11967 ccm	230-364 kW (313-495 PS)	128 / 6						
ENG. D 2866 LE 202/203/211		6/95 →	11967 ccm	230-364 kW (313-495 PS)	128 / 6						
ENG. D 2840 LF 20/21/23/24 Euro 2		7/95 →	18273 ccm	441-466 kW (600-633 PS)	128 / 10						
ENG. D 2865 LFR			9972 ccm		128 / 5						
ENG. D 2866 LXFG Euro 1			11967 ccm	198-324 kW (269-440 PS)	128 / 6						
ENG. D 2530 ME, MF, MFR, MR, MXF, MXFR		7/72-1/86	15945 ccm	156-235 kW (212-320 PS)	125 / 10	IN	PMAN006	51.04101.0405	57,0x12,0x142,5	45	1
ENG. D 2530 MTE		73-10/81	15945 ccm	223-294 kW (303-400 PS)	125 / 10	EX	PMAN005	51.04101.0348 51.04101.0375	58,0x12,0x142,5	30	1
ENG. D 2538 M, ME, MF		72-10/77	12763 ccm	188 kW (256 PS)	125 / 8						
ENG. D 2538 MT, MTE, MTH		73-10/81	12763 ccm	178-235 kW (242-320 PS)	125 / 8						
ENG. D 2540 MT		6/80 →	17426 ccm	187 kW (390 PS)	125 / 10						
ENG. D 2542 MTE		1/76 →	20910 ccm	283-405 kW (385-550 PS)	125 / 12						
ENG. D 2555 M, MF, MX, MXF, MXUL		73-12/84	9199 ccm	124-141 kW (168-192 PS)	125 / 5						
ENG. D 2555 MTE		74-9/76	9199 ccm		125 / 5						
ENG. D 2556 M, MF, MX, MXF		10/72-6/83	11045 ccm	141-177 kW (192-241 PS)	125 / 6						
ENG. D 2556 MTE		11/74-9/76	11045 ccm	191 kW (260 PS)	125 / 6						


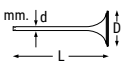




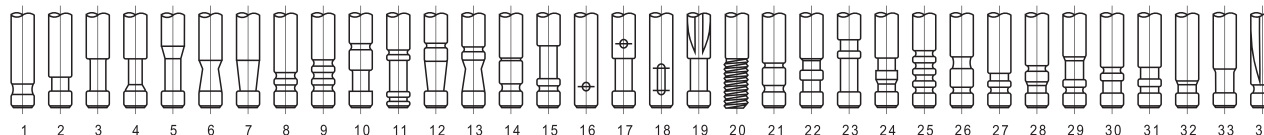
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
M.A.N. DIESEL											
ENG. D 2866 LXE 20, MK		85 →	11967 ccm	215-237 kW (292-322 PS)	128 / 6	IN	PMAN006	51.04101.0405	57,0x12,0x142,5	45	1
ENG. D 2866 T		1/87-3/93	11967 ccm	190-250 kW (258-340 PS)	128 / 5	IN	PMAN004	51.04101.0348	58,0x12,0x142,5	30	1
ENG. D 2866		83 →	11967 ccm	157-185 kW (213-252 PS)	128 / 6			51.04101.0375			
ENG. D 2865 LUH 07 Euro 2		9/95 →	9972 ccm	228 kW (310 PS)	128 / 6	EX	PMAN005	51.04101.0478 51.04101.0367	51,0x12,0x142,5	45	1
ENG. D 2866 LOH 02 Euro 0			11967 ccm	272 kW (370 PS)	128 / 6			51.04101.0440 51.04101.0447 51.04101.0479			
ENG. D 2866 LF 23/24/25/26 LF 27/28, LGF 07, LOH 27/28/29/32/33/34/35, LOH 37/38, LUH 23/24/25, LUH 27/28/29/30/34/35/36/37, LUH 50/51/52 Euro 3		4/94 →	11967 ccm	191-301 kW (260-410 PS)	128 / 6	IN	PMAN007	51.04101.0547	46,0x9,0x153,7	30	9
						IN	PMAN009	51.04101.0482	46,0x9,0x153,7	30	1
						EX	PMAN008	51.04101.0548	46,0x9,0x153,7	45	9
						EX	PMAN010	51.04101.0483	46,0x9,0x153,7	45	1
ENG. D 2866 LF 29/30/34/35 Euro 2		3/97 →	11967 ccm	228-301 kW (310-410 PS)	128 / 6						
ENG. D 2866 LF 31/32/36/37, LF 39/40/41/43, LFG 05 Euro 2		4/94 →	11967 ccm	228-301 kW (310-410 PS)	128 / 6						
ENG. D 2866 LFG 03 Euro 1		4/94 →	11967 ccm	272 kW (370 PS)	128 / 6						
ENG. D 2866 LFG 04 Euro 1		4/94 →	11967 ccm	309 kW (420 PS)	128 / 6						
ENG. D 2876 LF 01/06/07 LF 08/11 Euro 2		12/97 →		301-338 kW (409-460 PS)	128 / 6						
ENG. D 2876 LF 03/04/05/09, LF 10/14/17/20/21/22/24, LFG 01, LOH 03 Euro 3		3/99 →	12816 ccm	320-390 kW (435-530 PS)	128 / 6						
ENG. D 2876 LOH 02/04/05 Euro 3		7/98 →	12816 ccm	301-338 kW (409-460 PS)	128 / 6						

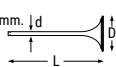




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
M.A.N. DIESEL											
ENG. D 2156 MT 2, D 2156 MTN 5, D 2156 MTN 6, D 2156 MTN 8, D 2156 MTU, D 2156 MTX, D 2156 MTN 1	Series 13.256/16.256/19.256/22.256/26.256/30.256	66-75	10344 ccm	184-210 kW (250-285 PS)	121 / 6	IN	PMAN017	51.04101.0379	56,0x12,0x149,0	30	1
						EX	PMAN018	1-04101-0273	49,0x12,0x148,7	45	1
									51.04101.0373		
ENG. D 2156 MTNS	Series SM 260	66-75	10344 ccm	184-210 kW (250-285 PS)	121 / 6						
ENG. D 2146 MT-Turbo		60-71	9659 ccm		121 / 6						
EN G. D2356 HM	10/12/13/16/19/22/30.230, SG 192, SU 230 11U 192, 12U 192	68-74	10690 ccm	170 kW (230 PS)	123 / 6	IN	PMAN019	51.04101.0349	57,0x12,0x149,0	45	1
						EX	PMAN020	1-04101-0303	51,7x12,0x148,7	45	1
								51.04101.0364			
								5000046569			
ENG. D 2156 HM 2, D 2156 HM 3, D 2156 HM 9, D 2156 HMN 3, D 2156 HNY, D 2156 MNY, D 2156 MGN, D 2156 MYN, D 2156 MY	Series 9.192/12.192/13.230/15.192/16.192/22.192/SG 192	66-75	10344 ccm	141-169 kW (192-230 PS)	121 / 6	IN	PMAN023	1-04101-0305	56,0x12,0x149,0	45	1
						EX	PMAN018	1-04101-0273	49,0x12,0x148,7	45	1
								51.04101.0129			
								51.04101.0305			
ENG. D 2156 HM-U 11, D 2156 HMXU-036	Series 9.192/12.192/22.192 SG 192	69-75	10344 ccm	141-169 kW (192-230 PS)	121 / 6			51.04101.0373			
ENG. D 2156 HMXU-038	Series 9.192/12.192/22.192/SG 192	69-76	10344 ccm	141-169 kW (192-230 PS)	121 / 6						
ENG. D 2156 HMN 9	Series 9.192/13.230/15.192/16.192/SG 192	66-75	10344 ccm	141-169 kW (192-230 PS)	121 / 6						


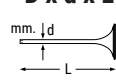




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
M.A.N. DIESEL											
ENG. D 2156 HMN 8	Series 9.192/13.230/15.192/16.192/SG 192	66-75	10344 ccm	141-169 kW (192-230 PS)	121 / 6	IN	PMAN023	1-04101-0305 51.04101.0129 51.04101.0305	56,0x12,0x149,0	45	1
ENG. D 2156 HMYU-036, D 2156 HMYU-038, D 2156 6 U	Series SL 192	5/71-12/76 66 →	10344 ccm	141-169 kW (192-230 PS)	121 / 6	EX	PMAN018	1-04101-0273 51.04101.0373	49,0x12,0x148,7	45	1
ENG. D 2356 HM 6 DK, D 2356 HM 6 U, D 2356 HM 9, D 2356 HMHU-063, D 2356 HMN 2, D 2356 HMN 5, D 2356 HMN 9, D 2356 M9	Series 10.230/12.230/13.230/16.230/22.230/30.230/SG 192/SUE 230	68-74	10690 ccm	169-173 kW (230-235 PS)	123 / 6	IN	PMAN024	1-04101-0302 51.04101.0329	57,8x12,0x149,0	45	1
						EX	PMAN020	1-04101-0303 51.04101.0364 5000046570	51,7x12,0x148,7	45	1
ENG. D 2356 HM 6 U, D 2356 HMN 5	Series SUE 230/SM 260	68-80	10690 ccm	169-173 kW (230-235 PS)	123 / 6						
ENG. D 2676 LF 01/02/03, LF 04/05, LOH 01/02/03/04 Euro 4	Series 35.463 Series TGA 18.480 Series TGA 24.480/26.480 Series TGA 32.480/35.480 Series TGA 37.480/41.480	8/95 →	12419 ccm	338-353 kW (460-480 PS)	126 / 6	IN	PMAN032	51.04101.0545 51.04101.0571 51.04101.0574	40,0x9,0x160,4	30	9
						EX	PMAN033	51.04101.0546	38,0x9,0x160,4	45	9
ENG. D 2676 LF 06/07/11, LF 12/13/14/21 Euro 5	Series TGA 24.480/26.480 Series TGX 18.540	1/06 →	12419 ccm	353-397 kW (480-540 PS)	126 / 6						
ENG. D 2676 LOH 10 Euro 3			12419 ccm	338 kW (460 PS)	126 / 6						
ENG. D 2676 LOH 26/27/28			12419 ccm	324-371 kW (440-505 PS)	126 / 6						
ENG. D 2066 LF 01/02/03, LF 04/06/07, LOH 10/11/12, LUH 07/08/09 Euro 3		2/04 →	10520 ccm	228-316 kW (310-430 PS)	126 / 6						


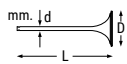




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
M.A.N. DIESEL											
ENG. D 2066 LF 11/12/13, LF 14/17/18/19/20/23/24/29, LF 30/31/32/33/34/35/36/37, LF 38/39, LOH 01/02/03/04, LOH 05/06/07/08, LUH 05/11/12/13/14/15/21/22, LUH 23/24 Euro 4		1/04 →	10520 ccm	190-324 kW (270-440 PS)	120 / 6	IN	PMAN032	51.04101.0545 51.04101.0571 51.04101.0574	40,0x9,0x160,4	30	9
						EX	PMAN033	51.04101.0546	38,0x9,0x160,4	45	9
ENG. D 2066 LF 21/22/25, LF 26/27/28/40/41/42/43 Euro 5			10520 ccm	235-324 kW (320-440 PS)	120 / 6						
ENG. E 0826 E 301	MAN Industrial Gas Engine		6596 ccm	70 kW (95 PS)	6/108	IN	PMAN027	51.04101.0588	49,0x10,0x136,6	30	1
ENG. E 0834 E 302			4580 ccm	54 kW (73 PS)	4/108	EX	PMAN028	51.04101.0589	42,0x10,0x136,3	30	1
ENG. E 0834 E 312			4580 ccm	37 kW (50 PS)	4/108						
ENG. E 0836 E 302			6871 ccm	75 kW (102 PS)	6/108						
ENG. E 0836 E 312			6871 ccm	56 kW (76 PS)	6/108						
ENG. E 0836 LE 202			6871 ccm	110 kW (150 PS)	6/108						
ENG. E 0836 LOH 01			6871 ccm	206 kW (280 PS)	6/108						
ENG. E 0836 LOH 02			6871 ccm	184 kW (250 PS)	6/108						
ENG. E 0836 LOH 03			6871 ccm	162 kW (220 PS)	6/108						
ENG. E 0836 LOH 04			6871 ccm	206 kW (280 PS)	6/108						
ENG. E 0836 LOH 05			6871 ccm	184 kW (250 PS)	6/108						
ENG. E 0836 LOH 06			6871 ccm	162 kW (220 PS)	6/108						


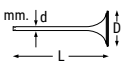




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
M.A.N. DIESEL											
ENG. E 2866 DF 01	MAN E 2000 28.230 FNLC	05/00 →	11967 ccm	170 kW (230 PS)	128/6	EX	PMAN031	51.04101.0439	51,0x12,0x142,5	30	1
	MAN F 2000 19.233 FC CNG	03/00 →						51.04101.0438	58,0x12,0x142,5	30	1
	MAN F 2000 19.233 FK, FK-L, CNG	03/00 →									
	MAN F 2000 26.233 FVLC CNG	09/96 →									
	MAN F 2000 26.233 FVL-KO	03/00 →									
ENG. E 2876 LUH 02	MAN HOCL 18.310 HOCL-NL	05/07 →	12816 ccm	228 kW (310 PS)	128/6						
	MAN NG NG 313	05/07 - 12/14									
ENG. E 2866 DUH 03 ENG. E 2866 DUH 04	MAN NL NL 313	05/07 - 12/14	11967 ccm	180 kW (245 PS)	128/6						
	MAN NL NL 243	05/07 - 12/14									
ENG. D 0836 LF 41	MAN TGA 26.280	11/02 →	6871 ccm	206 kW (280 PS)	6/108	IN	PMAN034	51.04101.0515	38,0x7,0x141,5	30	9
ENG. D 0836 LF 44	MAN TGA 26.330	11/02 →	6871 ccm	240 kW (326 PS)	6/108	EX	PMAN035	51.04101.0498	34,0x7,0x141,1	45	9
ENG. D 0834 LFL 40/50/53/60/63	MAN TGL 7.150, 8.150	04/05 →	4580 ccm	110 kW (150 PS)	4/108						
ENG. D 0834 LFL 41/51/54/61/64	MAN TGL 7.180, 8.180	04/05 →	4580 ccm	132 kW (180 PS)	4/108						
ENG. D 0834 LFL 62/65	MAN TGL 7.220	04/05 →	4580 ccm	162 kW (220 PS)	4/108						
ENG. D 0836 LFL 60/63	MAN TGL 7.250	04/05 →	6871 ccm	184 kW (250 PS)	6/108						
ENG. D 0834 LFL 40/50/53/63	MAN TGL 8.150	10/06 →	4580 ccm	110 kW (150 PS)	4/108						
ENG. D 0834 LFL41/51/54/61/64	MAN TGL 8.180	04/05 →	4580 ccm	132 kW (180 PS)	4/108						
ENG. D 0834 LFL 42/52/55	MAN TGL 8.210	04/05 →	4580 ccm	151 kW (206 PS)	4/108						
ENG. D 0834 LFL 65	MAN TGL 8.220	04/05 →	4580 ccm	162 kW (220 PS)	4/108						


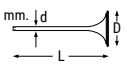




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MARINE (MORSKIE)											
ENG. SULZER	A20/S20/AL20/24 (Kuter)					IN/EX	PMAR001	H27076	64,1x16,0x299,0	60	1
ENG. SULZER	633 (Kuter)					EX	PMAR002 (bimetalic)	77025	64,1x16,0x294,0	45	26
ENG. SULZER	721 (Kuter)					EX	PMAR002 (stellite)	74055	64,1x16,0x294,0	45	26
						IN/EX	PMAR004		71,0x16,0x204,0	45	6
BAH (Kuter)						IN/EX	PMAR005		79,0x15,8x328,9	30	5
ENG. SULZER	921 B/W (Mitsui) K5SZ					IN	PMAR006		83,0x20,0x350,0	30	1
ENG. SULZER	623 (MAK) A8L25/30					IN/EX	PMAR007	08S006922	98,0x20,0x344,0	30	6


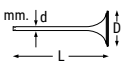


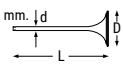
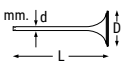
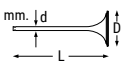
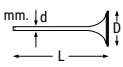
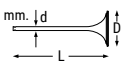


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MASERATI											
	Citroen SM 2.7	01/40 - 12/75	2675 ccm	125 - 131 kW (170 - 178 PS)	6/87	IN	PMAS001	MD66697	42,0x8,0x101,0	45	1
	Citroen SM 3.0		2965 ccm	132 kW (180 PS)	6/91,6	EX	PMAS002	MD66698	36,0x9,0x103,0	45	1


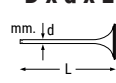




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MASSEY FERGUSON / LANDINI DIESEL											
EN G. P6 - 6.288	Harvester Mährescher 892	57-72 57-72	4730 ccm	61 kW (83 PS)	88,925 / 6	IN	PMAF001	31431261 713151M1 0910001	39,0x7,9x114,5	45	1
						EX	PMAF002	31431951 713152M1 0910002	33,5x7,9x114,5	45	1
ENG. AD 3.152	20, 35, 40, 44, 114, 124, 134, 135, 144, 148, 152, 154, 164, 200, 230, 233, 234, 235, 240, 245, 248, 250, 253, 254, 255, 260, 263, 285, 333, 340, 350, 353, 2200, 2203, 2205, 2500, 3165, 4000, 4500, 5000, 5500	1/69 →	2490 ccm	28-42 kW (38-57 PS)	91,48 / 3	IN	PMAF003	31431281 31431741 732811M1	39,0x7,9x114,3	45	1
						EX	PMAF004	31431271 31431591 31431731 31431941 737640M1	33,4x7,9x114,3	45	1
ENG. AD 4.203	30, 50, 65, 86, 155, 158, 165, 300, 304, 560, 7000	62 →	3335 ccm	40-43 kW (55-59 PS)	91,48 / 4	IN	PMAF005		Grubość grzybka +1,0 [mm] 39,0x7,9x114,3	45	1
						EX	PMAF006	364902	33,4x7,9x114,3	45	1


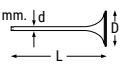




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MASSEY FERGUSON / LANDINI DIESEL											
ENG. A 4.236	31, 40 B, 50, 85, 87, 99, 168, 174, 175, 177, 180, 184, 187, 206, 240, 265, 270, 273, 274, 275, 283, 284, 307, 362, 373, 374, 375, 377, 383, 384, 387, 565, 575, 585, 685, 3050, 3366, 6500, 7500	61 →	3864 ccm	37-65 kW (50-89 PS)	98,48 / 4	IN	PMAF007	31431641 31431103 31431163 733819M1		45	1
							EX	PMAF008		31431881 31431104 31431109 31431164 31431791 31431851 31431891 31431931 733818M1	45
ENG. A 4.212	30 165 3303, 3305	1/69-12/76	3475 ccm	44 kW (60 PS)	98,48 / 4						
		1/73-12/75 1/69-12/70									
ENG. 6.354	44, 45, 87-6, 102, 187-6, 400, 450, 500, 500-7, 510, 515, 520, 542, 1095, 1098, 1100, 1105, 1200, 3366, 4488	1/64 →	5794 ccm	69-82 kW (94-112 PS)	98,48 / 6						
ENG. 4.236	50, 50 H, 86, 87, 95, 99, 165, 168, 180, 187, 265, 270, 275, 487, 575, 1080	65 →	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4	EX	PMAF019	3142H002	44,2x9,5x123,0	30	1
							PMAF020	3142A052	36,5x9,5x123,5	45	1
ENG. 4.212	50 165, 186 7000	1/73 → 69-4/82	3475 ccm	44-47 kW (60-64 PS)	98,48 / 4	EX	PMAF011	31431402 736813M1	44,4x9,86x123,0	45	1
							PMAF012	31431411 736815M1	36,5x9,53x123,4	45	1
ENG. 4.248	11, 22, 33, 50, 60, 70, 85, 178, 185, 186, 188, 194, 220, 230, 250, 275, 285, 290, 293, 294, 300, 307, 310, 330, 350, 390, 393, 394, 397, 440, 487, 506, 587, 590, 620, 690, 3060, 8000	69 →	4064 ccm	53-66 kW (72-90 PS)	101,054 / 4	IN	PMAF009	44,4x9,48x123,0		45	1
							EX	PMAF010		36,5x9,46x123,4	45
ENG. 6.372.4	620, 625		6100 ccm	82-87 kW (112-118 PS)	101,054 / 6						


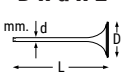




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MASSEY FERGUSON / LANDINI DIESEL											
ENG. 1006.6, 1006.6T, 4.41	399, 3085, 3115, 3120, 3120T, 3125, 3140, 3635, 4225, 4235, 4240, 4260, 4270, 6110, 6120, 6160, 6180				100 / 4/6	IN	PMAF013	3142L051 748413M1	45,0x9,5x122,9	45	1
						EX	PMAF014	3142A051 3142A071 748309M1	37,4x9,5x123,3	45	1
ENG. 1004-4T (70 kW)	6255	6/99-12/03	3990 ccm	70 kW (95 PS)	100 / 4	IN	PMAF015	3142D041	43,0x9,0x123,0	45	1
						EX	PMAF016	3142D031	41,0x9,0x123,0	45	1
ENG. 4.107	30 31 130 133	1/66-12/68	1753 ccm	18-40 kW (25-55 PS)	79,375 / 4	IN	PMAF017	31431661 0910064	36,0x8,0x117,0	45	1
		1/64-12/68				EX	PMAF018	31431861 0910061	30,3x8,0x117,0	45	1
		1/66-12/72									
		1/69-12/74									
ENG. EDK 2	132	1/72-12/74	1962 ccm	22 kW (30 PS)	100 / 2	IN	PMAF021	1620.069.M3	42,2x9,0x131,5	45	1
		ENG. EDK 3	139 142	1/71 →	2944 ccm	25 kW (35 PS)	100 / 3	EX	PMAF022	1620.070.M2 EDK 1.2086.4	38,5x9,0x131,5
1/71 →											
ENG. 23C	FE 35, 835		2259 ccm	27,4 kW (37,5 PS)	85 / 4	IN	PMAF023	1884123M1 826168M1	38,4x7,9x110,2	45	1
						EX	PMAF024	1884124M1 826169M1	31,0x9,5x110,6	45	5
ENG. 1004.4, 1004.4T, 1006.6T	3075, 3120, 3120T, 3635, 3645, 3655, 3660, 4245, 4255, 6130, 6140, 6150, 6190, 8110, 8120, 8130				100 / 4/6	IN	PMAF025	3142L072 3640597M1	45,0x9,5x123,2	30	1
						EX	PMAF014	3142A051 3142A071 748309M1	37,4x9,5x123,3	45	1


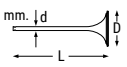




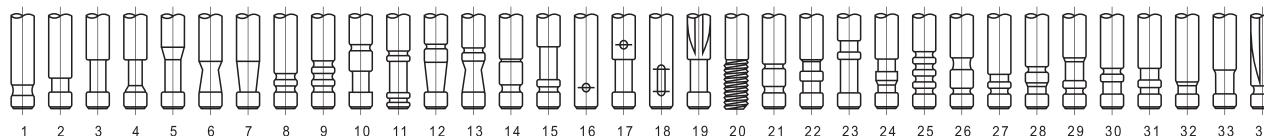
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MAYBACH DIESEL											
ENG. MB 820/836 (Maybach-Mercedes)					6	IN	PMAY001	28200530401 2815121328369	57,0x13,0x189,0	45	33
						EX	PMAY002	28200530405 2815121328370	56,0x13,0x214,5	45	33


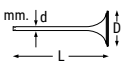




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MAZDA BENZYNA											
ENG. VB	121 1.3i	69-78	1796 ccm	68 kW (92 PS)	78 / 4	IN	PMAZ003	0290-12-111C	42,0x8,1x108,6	45	1
	E 1800	69-78									
	Courier 1800	69-78									
	Luce 1800	69-78									
	Titan 1800	69-78									
ENG. NA	616 1600	70-77	1586 ccm	66 kW (90 PS)	78 / 4	EX	PMAZ004	0305-12-121	33,0x8,1x107,1	45	1
	626 1600	70-77									
	808 1600	70-77									
	Bongo 1600	70-77									
	Capella 1600	70-77									
	Proceed 1600	70-77									
	B/E 1600	70-77									
ENG. VC	626 1800	73-82	1796 ccm	74 kW (100 PS)	80 / 4						
	929 1800	73-82									
	B 1800	73-82									
	Bongo 1800	73-82									
	Capella 1800	73-82									
	Cosmo 1800	73-82									
	Courier 1800	73-82									
	Luce 1800	73-82									
	Proceed 1800	73-82									
	ENG. MA	121 2000									
626 2000		77 →									
929 2000		77 →									
B/T 2000		77 →									
Capella 2000		77 →									
Cosmo 2000		77 →									
Courier 2000		77 →									
Luce 2000		77 →									


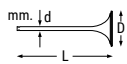




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MAZDA BENZYNA											
ENG. JJB	121 1.3i	1/96-1/02	1299 ccm	37 kW (50 PS)	74 / 4	IN	PMAZ005	89BM6507BA	34,5x7,0x104,0	45	9
ENG. J4D	121 1.3i	1/96-1/02	1299 ccm	44 kW (60 PS)	74 / 4	EX	PMAZ006	89BM6505CA 6165228 1038606 1653978	29,0x7,0x104,4	45	9
ENG. FYDA	2 1.6i 16V 3 1.6i 16V	2/03 → 11/03 →	1596 ccm	74-76 kW (101-103 PS)	79 / 4	IN	PMAZ007	928M6507E2A 1041830	26,0x6,0x97,1	45	9
						EX	PMAZ008	948M6505C2A 1033898	24,5x6,0x96,7	45	9
ENG. DHA, DHF	121 1.25i 16V	1/96-1/02	1242 ccm	55kW (75 PS)	71,9 / 4	IN	PMAZ009	97MM6507A2B 1051772	26,1x6,0x97,7	45	9
ENG. DHG	121 1.25i 16V	3/96-1/02	1242 ccm	55kW (75 PS)	71,9 / 4	EX	PMAZ010	98MM6505A2A 1051770 1069529	22,1x6,0x99,7	45	9
ENG. FYDA, FYJA	2 1.6i 16V 3 1.6i 16V	2/03 → 11/03 →	1596 ccm	74-76 kW (101-103 PS)	79 / 4	IN	PMAZ055	98MM6507C2B 98MM6507C28 1072048	30,1x6,0x97,0	45	9
						IN	PMAZ011	1S4G6507CA 1S4G6507CB 1122364 1320927 30711639 C601-12111	30,0x6,0x99,0	45	9
						EX	PMAZ056	1S6C6505BA 1S6G6505BA 1113189 30711638 C4011-2121	24,0x6,0x101,4	45	9
						EX	PMAZ012	98MM6505B2A 98MM6505B2B XS6G6505B2A 1051771 1069529 1101934	24,1x6,0x99,4	45	9


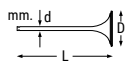




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MAZDA BENZYNA											
EN G. L8	5 1.8i 16V	02 →	1798 ccm		83 / 4	IN	PMAZ013	1S7G6507DG	32,5x5,5x103,4	45	1
	6 1.8i 16V	05 →						1211483 1324691 8694781 L801-12-111			
						EX	PMAZ014	1S7G6505DF 1324690 8694780 L801-12-121C	28,0x5,5x104,6	45	1
ENG. LFF7	5 2.0i 16V	6/05 →	1999 ccm	107 kW (145 PS)	87,5 / 4	IN	PMAZ015	1S7G6507CE	35,0x5,5x103,4	45	1
	6 2.0i 16V	3/05 →						6C1G6507AA			
ENG. LF17, LF18	Atenza 2.0i 16V	3/02 →	1999 ccm	104-110 kW (141-150 PS)	87,5 / 4			1124378			
	3 2.0i 16V	10/03 →						1213175			
	6 2.0i 16V	3/02 →						1324132			
ENG. L3	MPV 2.3i 16V	7/02-6/04	2261 ccm	104 kW (141 PS)	87,5 / 4	EX	PMAZ016	1374186	30,0x5,5x104,6	45	1
ENG. L3C1	6 2.3i 16V	3/02 →	2261 ccm	122 kW (166 PS)	87,5 / 4			LF01-12111			
								30777329			
								1S7G6505CE			
						1124377					
						1324131					
						LF01-12121					
						LF02-12121					
						30777328					


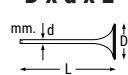




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MAZDA BENZYNA											
ENG. DHA	121 1.25i 16V	96-7/97	1242 ccm	55kW (75 PS)	71,9 / 4	IN	PMAZ021	96MM6507B1A 96MM6507B2A 1004446 1E05-12111	26,0x6,0x98,0	45	1
						EX	PMAZ022	96MM6505B1A 96MM6505B2A 1004444 1E05-12121	22,0x6,0x100,0	45	1
ENG. B3	121 I 1.3 323 III 1.3	10/87-11/90	1323 ccm	40-44 kW (54-60 PS)	71 / 4	IN	PMAZ023	B3C7-12-111A	25,5x6,0x108,3	45	1
		4/87-10/89				EX	PMAZ024	B3C7-12-121A B3D2-12-121A	21,3x6,0x109,2	45	1
ENG. TC	1300 1.3 323 I 1.3 818 1.3	1/75-1/77	1272 ccm	44-49 kW (60-67 PS)	73 / 4						
		1/77-5/86 1/74-10/78									
	323 Lantis 1.5	1489 ccm			4	IN	PMAZ029	Z501-12111A Z501-12111C	27,7x5,5x92,3	45	1
						EX	PMAZ030	Z501-12121	24,0x5,5x92,8	45	1
ENG. FXJA	2 1.4i 16V 3 1.4i 16V	3/03 →	1388 ccm	59 kW (80 PS)	76 / 4	IN	PMAZ037	1S4G6507BA 1S4G6507BB	28,0x6,0x99,4	45	9
		8/03 →									
ENG. HWDA, HWDB	2 1.6i 16V	03 →	1596 ccm	74 kW (101 PS)	79 / 4	EX	PMAZ056	1151997 1320926 C4011-2111A C6011-21111 1S6C6505BA 1S6G6505BA 1113189 30711638 C4011-2121	24,0x6,0x101,4	45	9
						EX	PMAZ012	98MM6505B2A 98MM6505B2B XS6G6505B2A 1051771 1069529 1101934	24,1x6,0x99,4	45	9


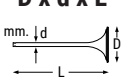




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
MAZDA BENZYNA													
ENG. F8	Bongo 1800	82 →	1789 ccm	74 kW (100 PS)	86 / 4	IN	PMAZ038	F801-12-111A	44,0x8,0x112,0	45	1		
	Capella 1800	82 →						EX	PMAZ039	F801-12-1210	36,0x8,0x111,6	45	1
	Spectron 1800	82 →								F804-12-121			
	Telstar 1800	82 →											
ENG. FE	929 2000	82 →	1998 ccm	74 kW (100 PS)	86 / 4	IN	PMAZ038						
	Bongo 2000	82 →											
	Capella 2000	82 →											
	Cosmo 2000	82 →											
	Luce 2000	82 →											
	Telstar 2000	82 →											
ENG. FE S.O.H.C	Capella 626	82 →	1998 ccm	75 kW (102 PS)	86 / 4	IN	PMAZ038						
	Luce 929	82 →											
ENG. W6	MPV 2500 TDI	98/99	2499 ccm	80 kW	93 / 4	IN	PMAZ045	WL01-12111	32,7x7,0x111,9	45	1		
	ENG. WLT							WL51-12111					
	B2500							EX				PMAZ046	WL01-12121
								WL51-12121A					
ENG. B6 ZE (DOHC)	MX 3 1.6 16V	94-98	1597 ccm		78 / 4	IN	PMAZ047	B657-12111	31,0x6,0x105,3	45	1		
	MX 5 1.6 16V	89-94											B6MC-12111
	Xedos 1.6 16V	94-99						EX				PMAZ048	B660-12121
								B695-12121B					
								BJ01-12121					


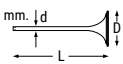




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
MAZDA DIESEL													
ENG. RF	Bongo 2000 D	83 →	1998 ccm	53 kW (72 PS)	86 / 4	IN	PMAZ001	RF01-12-111	41,0x8,0x107,0	45	1		
	Capella 2000 D	83 →						EX	PMAZ002	RF01-12-121	36,0x8,0x106,8	45	1
	Spectron 2000 D	83 →								RF01-12-121B			
	626 2.0 TD	94 →											
	323 2.0 TD	94 →											
	Premacy 2.0 TD	94 →											
ENG. R 2	Bongo 2200 D	83 →	2184 ccm	46 kW (65 PS)	86 / 4								
	E 2000/2200 2.2 D	97 →											
ENG. RF5	6 2.0 CDTi 16V	02 →	1998 ccm		86 / 4	IN	PMAZ049	RF5C-12111	27,3x6,0x115,3	45	1		
	5 2.0 CDTi 16V	05 →						EX	PMAZ050	RF5C-12121	25,5x6,0x114,6	45	1
	MPV 2.0 CDTi 16V	05 →								RF2A-12121			
	6 2.0 CDTi 16V	08 →											
ENG. DV6TED4 Euro 4 (Y6)	3 1.6 CDi 16V	6/04 →	1560 ccm	80 kW (109 PS)	75 / 4	IN	PMAZ051	0948.C7	25,6x5,5x96,4	45	9		
								1229882					
								30711498					
								9645024780					
								3M5Q6507AA					
								Y6011-2111					
								11347805968					
						EX	PMAZ052	0949.C3	23,4x5,5x96,6	45	9		
								1229883					
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								3M5Q6505AA					
								Y6011-2121					
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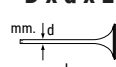




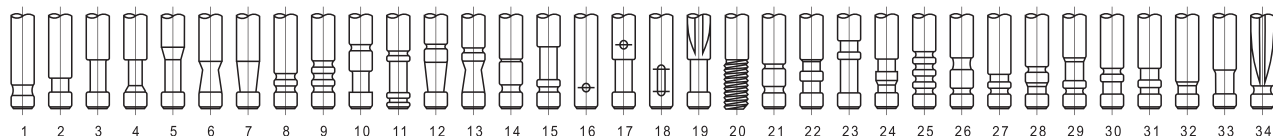
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MAZDA DIESEL											
ENG. DV4TD	2 1.4 CDTi	6/05 →	1398 ccm	40-50 kW (54-68 PS)	73,7 / 4	IN	PMAZ053	1145933	32,8x5,5x97,5	45	9
ENG. F6JA	2 1.4 CDTi	9/03 →	1398 ccm	50 kW (68 PS)	73,7 / 4	EX	PMAZ054	1152191 0948.C2 Y401-12-111 SU00100551 1145932 1152190 1202362 0949.B1 Y401-12-121 SU00100552	30,2x5,5x97,5	45	9
ENG. 4EE1-T	323 1.7 TD	8/94 →	1686 ccm	60-65 kW (82-88 PS)	79 / 4	IN	PMAZ057	8943268430 641007 641000 94370173	34,6x7,0x104,1	45	1
						EX	PMAZ058	641322 641300 641301 97037591 8941150592 8941100173	30,6x7,0x104,0	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MAZDA DIESEL											
ENG. RTE, RTF	121 1.8 D	1/96-1/02	1753 ccm	44 kW (60 PS)	82,5 / 4	IN	PMAZ059	89FF6507AA	36,5x8,0x107,1	45	9
								1078433			
								6172851			
								6702150			
								6781619			
								6616472			
						6172854					
						EX	PMAZ060	89FF6505AA	32,0x8,0x109,2	45	9
								1078429			
								1352129			
						EX	PMAZ061	93FF6505AA	32,0x8,0x109,3	45	9
								89FF6505FA			
6172848											


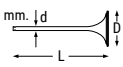




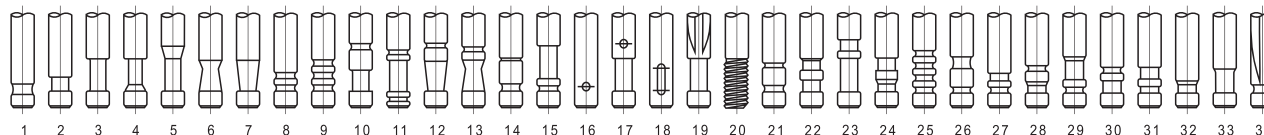
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES BENZYNA											
ENG. M 102.921, 938	190 2.0 (201)	10/82-9/88	1997 ccm	63-66 kW (86-90 PS)	89 / 4	IN	PMER021	1020500426	43,0x8,0x114,9	45	1
ENG. M 102.910	190 E 1.8 (201)	4/90-4/94	1797 ccm	80 kW (109 PS)	89 / 4			1020531301			
ENG. M 102.922, 924, 962, 963, 964 (ITA), 965 (ITA)	190 E 2.0 (201)	10/82 →	1997 ccm	72-90 kW (98-122 PS)	89 / 4	EX	PMER022	1020531601	39,0x9,0x115,8	45	1
	190 2.0 (201)							1020531801			
	200 E (124)							1020531901			
	200 GE (Italy) (460/463)							1020500027			
	200 (124)							1020500327			
ENG. M 102.919 (POR)	190 E 1.8 (201)	4/92-8/93	1797 ccm	77 kW (105 PS)	89 / 4						
ENG. M 102.920, 939, 961	190 E 2.0 (201)	6/80-6/93	2299 ccm	74-90 kW (100-122 PS)	89 / 4	IN	PMER021	1020500426	43,0x8,0x114,9	45	1
	200 (123)							1020531301			
ENG. M 102.942, 943, 959, 980, 981, 998	230 E (123) 230 GE (460/461) O 309 2.3 Series 208/210/308/310 2.3 Series 408/409/410 2.3	4/80-9/95	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4	IN	PMER028	1020531601	46,0x8,0x114,9	45	1
								1020531801			
								1020531901			
								1020500526			
								1020530801			
								1020531501			
1020531701											
						EX	PMER022	1020500027	39,0x9,0x115,8	45	1
								1020500327			
ENG. M 102.945	Series 208/210 2.3	1/89-6/95	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4	IN	PMER028	1020500526	46,0x8,0x114,9	45	1
	Series 308/310 2.3	1/89-6/95						1020530801			
	Series 410 2.3	1/89-12/95						1020531701			
ENG. M 102.946		9/83-2/01	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020531501			
ENG. M 102.958	230 G (461)	4/92-9/95	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020500326			
ENG. M 102.958	230 G (461)	4/92-9/95	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4	EX	PMER022	1020500027	39,0x9,0x115,8	45	1
ENG. M 102.982	230 E (124)	12/84-8/92	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020500327			


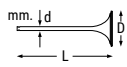




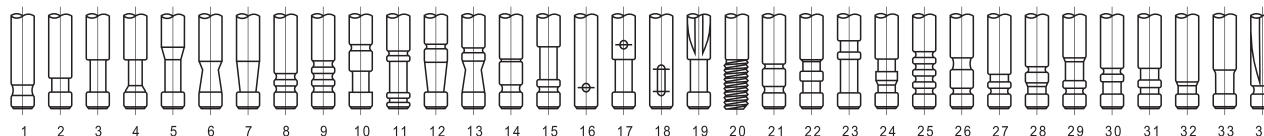
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
MERCEDES BENZYNA											
ENG. M 102.985	190 2.3 (201)	9/83-8/93	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4	IN	PMER028	1020500526	46,0x8,0x114,9	45	1
ENG. M 102.987	230 GE (460)	3/86-7/93	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4	IN	PMER028	1020530801	46,0x8,0x114,9	45	1
ENG. M 102.989	G 230 (463) 230 GE (463)	8/93-10/94 9/89-7/93	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020531701			
ENG. M 102.979, 996, 997 (SUI)	230 GE (461)	4/92-9/85	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020531501			
						EX	PMER022	1020500326 1020500027 1020500327	39,0x9,0x115,8	45	1
ENG. M 104.941 - 945	C 280 (202) E 280 (124/210) S 280 (140) SL 280 (129) 280 E (124) 300 SE 2.8 (124/126/140)	9/92-9/98	2799 ccm	142-150 kW (193-204 PS)	89,9 / 6	IN	PMER029	1040531201 1040531401 1110531101 1110532101 1110532301 1110532401 1110530023	35,0x7,0x101,5	45	1
ENG. M 104.991,992, 994 - 996	E 320 (124/210) G 320 (460/463) S 320/S 320 3.2 (140) SL 320 (129) 300 E 3.2/320 E (124)	3/91 →	3199 ccm	155-170 kW (211-231 PS)	89,9 / 6	EX	PMER030	1110501227 1110501427	31,0x7,0x103,5	45	1
ENG. M 111.940, 941	C 200 (202) E 200/200 E (124)	6/91-2/01	1998 ccm	100 kW (136 PS)	89,9 / 4	EX	PMER030	1110501227 1110501427	31,0x7,0x103,5	45	1
ENG. M 111.960, 961	C 220 (202) E 220/220 E (124)	9/92-6/98	2199 ccm	110 kW (150 PS)	89,9 / 4						
ENG. M 111.945, 946, 950	C 200 (202) CLK 200 (208) SLK 200 (170) V 200 (638) Viano 200 (Italy)	1/94 →	1998 ccm	95-100 kW (129-136 PS)	89,9 / 4						

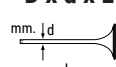




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES BENZYNA											
ENG. M 111.980, 984	Sprinter 214/314/414 2.3 V 230 (638) Viano 230 (Italy) Vito 114	11/95 →	2295 ccm	105 kW (143 PS)	90,9 / 4	IN	PMER029	1040531201 1040531401 1110531101 1110532101 1110532301	35,0x7,0x101,5	45	1
ENG. M 111.973 (JPN)	SLK 230 Kompressor (170)	9/96-1/00	2295 ccm	142 kW (193 PS)	90,9 / 4	EX	PMER030	1110532401 1110530023	31,0x7,0x103,5	45	1
ENG. M 111.981 - 983	C 230 Kompressor (203) CLK 230 Kompressor (208) SLK 230 Kompressor (170)	2/00-3/04	2295 ccm	145 kW (197 PS)	90,9 / 4						
ENG. M 161.971	MB 100 2.3	11/96 →	2295 ccm	105-110 kW (143-150 PS)	90,9 / 4	IN	PMER029	1040531201 1040531401 1110531101 1110532101 1110532301	35,0x7,0x101,5	45	1
ENG. M 120.980	S 600 (140) 600 SE (140)	6/93-9/95 4/91-5/93	5987 ccm	290 kW (394 PS)	89 / 12	EX	PMER030	1110532401 1110530023	31,0x7,0x103,5	45	1
ENG. M 120.981	SL 600 (129) 600 SL (129)	7/93-9/95 7/93-9/95	5987 ccm	290 kW (394 PS)	89 / 12						
ENG. M 120.982	S 600 (140)	4/91-9/98	5987 ccm	290 kW (394 PS)	89 / 12						
ENG. M 120.983	SL 600 (129)	9/95-8/01	5987 ccm	290 kW (394 PS)	89 / 12						
ENG. M 104.990	S 320 (140) 300 SE 3.2 (140)	3/93-9/98 3/91-5/93	3199 ccm	170 kW (231 PS)	89,9 / 6						
ENG. M 104.981	300 SL-24 (129)	3/89-6/93	2960 ccm	170 kW (231 PS)	88,5 / 6						
ENG. M 104.980	300 E (124) 300 E-24 (124)	9/89-6/93 9/89-6/93	2960 ccm	170 kW (231 PS)	88,5 / 6	EX	PMER041	1040501027 1040501727	31,0x8,0x103,5	45	1

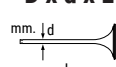




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES BENZYNA											
ENG. M 103.980/.983	300 E (124)	1/85-8/92	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6	IN	PMER035	1030532001	43,0x8,0x110,2	45	1
ENG. M 103.981	300 SE (126)	9/85-6/93	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6			1030531301			
ENG. M 103.982	300 SL (107)	9/85-9/89	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6			1030530401			
ENG. M 103.984	300 SL (129)	3/89-6/93	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6	EX	PMER036	1030501727	39,0x9,0x110,9	45	1
ENG. M 103.985	E 300 (124)	7/93-6/95	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6			1030500527			
	300 E (124)	9/86-6/93						1030500127			
ENG. M 103.987	G 300 (463)	8/93-10/94	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6						
	300 GE (463)	9/89-10/94									
ENG. M 166.940	A 140 (168)	10/97-8/04	1397 ccm	60 kW (82 PS)	80 / 4	IN	PMER042	1660530101	40,0x6,0x103,0	45	1
ENG. M 166.960	A 140 (168)	1/01-8/04	1598 ccm	60-75 kW (82-102 PS)	80 / 4	EX	PMER043	1660500327	34,0x7,0x102,7	45	1
	A 160 (168)	10/97-8/04									
ENG. M 166.961	Vaneo 1.6	2/02-8/05	1598 ccm	60-75 kW (82-102 PS)	80 / 4						
ENG. M 102.921/.938	190 (201)	0/82-10/84	1996 ccm	63-77 kW (86-105 PS)	89 / 4	IN	PMER044	1020530601	40,0x8,0x114,9	45	1
						EX	PMER045	1020500127	36,0x9,0x115,8	45	1
								1020500427			
ENG. M 180.945/.949	230 (110)	8/65-12/67	2292 ccm	77-88 kW (105-120 PS)	81,75 / 6	IN	PMER046	1080530001	41,2x9,0x128,0	45	1
ENG. M 180.947	220 B (111)	8/59-8/65	2292 ccm	77-88 kW (105-120 PS)	81,75 / 6			1230530101			
	230 S (111)	8/65-12/67						1230530001			
ENG. M 108.920/.924	250 S (108)	1/66-12/69	2496 ccm	85-96 kW (115-130 PS)	82 / 6			1300530001			
ENG. M 111/1A	230 SL (113)	66-12/67	2294 ccm	77 kW (105 PS)	82 / 6			1300530101			
ENG. M 111/1A	230 SL (113)	66-12/67	2294 ccm	77 kW (105 PS)	82 / 6	EX	PMER047	1150500027	37,1x11,0x113,2	45	1
ENG. M 114.920/.923	250 (114)	1/68-8/72	2496 ccm	85-110 kW (115-150 PS)	82 / 6			1150530105			
ENG. M 114.980/.981	250 CE (114)	4/69-4/72	2496 ccm	85-110 kW (115-150 PS)	82 / 6			1290530105			
ENG. M 127.945/.949	230 SL (113)	64-12/67	2307 ccm	110-111 kW (150 PS)	82 / 6			1300530105			
ENG. M 129.980	220 S (111)	1/61-12/65	2496 ccm	110 kW (150 PS)	82 / 6						
	250 S (108)	1/66-12/67									


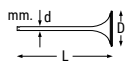




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
MERCEDES BENZYNA											
ENG. M 129.981	220 S (111)	1/61-12/65	2496 ccm	110 kW (150 PS)	82 / 6	IN	PMER046	1080530001	41,2x9,0x128,0	45	1
	250 SE (111)	1/65-12/67						1230530101			
ENG. M 129.982	250 SL (113)	1/66-12/68	2496 ccm	110 kW (150 PS)	82 / 6			1230530001			
ENG. M 180.950	230 (110)	8/65-12/67	2306 ccm	78-88 kW (106-120 PS)	82 / 6			1300530001			
ENG. M 180.951	230 S (111)	8/65-12/67	2306 ccm	78-88 kW (106-120 PS)	82 / 6			1300530101			
ENG. M 180.954/.955	230.6 (114)	1/68-11/76	2306 ccm	78-88 kW (106-120 PS)	82 / 6	EX	PMER047	1150500027	37,1x11,0x113,2	45	1
ENG. M 123.920/.921	250 (123)	2/76-7/85	2525 ccm	95-103 kW (129-140 PS)	86 / 6			1150530105			
ENG. M 130.920/.921	280 S (108)	10/67-7/72	2778 ccm	87-125 kW (118-170 PS)	86,5 / 6			1290530105			
ENG. M 130.922	280 (107)	1/68-12/71	2778 ccm	87-125 kW (118-170 PS)	86,5 / 6			1300530105			
ENG. M 130.923/.933	250 2.8 (114)	10/67-11/76	2778 ccm	87-125 kW (118-170 PS)	86,5 / 6						
ENG. M 130.980/.984	280 SE (108)	1/68-8/72	2778 ccm	87-125 kW (118-170 PS)	86,5 / 6						
	280 SE (111)	1/67-8/72									
ENG. M 130.983	280 SL (113)	1/68-3/71	2778 ccm	87-125 kW (118-170 PS)	86,5 / 6						
ENG. M 111.920	C 180 (202)	6/93-4/00	1799 ccm	86 kW (117 PS)	85,3 / 4	IN	PMER048	1110530301	33,0x7,0x101,5	45	9
ENG. M 111.921	C 180 (202)	9/95-2/01	1799 ccm	90 kW (122 PS)	85,3 / 4	EX	PMER049	1110530401			
ENG. M 121.922/.926/.929	O 319 1.9 Series 319 1.9 Series 407/408 1.9	55-8/65	1897 ccm	48-59 kW (65-80 PS)	85 / 4	IN	PMER050	1210530001	44,2x9,0x128,0	45	2
		55-8/65						1210531505			
		55-8/65						1210530105			
ENG. M 121.924	190 C (110)	6/61-8/65	1897 ccm	48-59 kW (65-80 PS)	85 / 4	EX	PMER051		37,2x10,0x112,7	45	2
ENG. M 127.980/.982-984	220 S (111)	7/58-12/65	2196 ccm	85-88 kW (115-120 PS)	80 / 6	IN	PMER052	1800530201	39,2x9,0x128,0	45	2
ENG. M 180.940	220 B (111)	5/59-8/65	2196 ccm	60-81 kW (82-110 PS)	80 / 6	EX	PMER053	1800530401			
	230 (111)	8/65-12/67						1800531505			
ENG. M 180.941	220 B (111)	8/59-8/65	2196 ccm	85-88 kW (115-120 PS)	80 / 6			1800530805	35,2x10,0x112,6	45	2
ENG. M 180.922/.926 929/.942/.943/.952-953/.958	U 404	55-65	2196 ccm	60-81 kW (82-110 PS)	80 / 6			1800531105			
ENG. M 127.981	230 SL (113)	3/63-1/67	2307 ccm	111 kW (150 PS)	82 / 6						


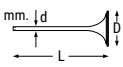




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
MERCEDES BENZYNA											
ENG. M 115.900/.932		71-8/73	2197 ccm	40-77 kW (54-105 PS)	87 / 4	IN	PMER060	1150530201	44,2x9,0x128,0	45	1
ENG. M 115.920/.924	220 (115)	1/68-7/73	2197 ccm	40-77 kW (54-105 PS)	87 / 4	EX	PMER047	1150530101	37,1x11,0x113,2	45	1
ENG. M 115.921/.928	O 309 2.2 Series 408/409/410 2.2	1/68-12/74 1/68-12/74	2197 ccm	40-77 kW (54-105 PS)	87 / 4						
ENG. M 115.927	Series 408/409/410 2.2	1/68-12/74	2197 ccm	40-77 kW (54-105 PS)	87 / 4						
ENG. M 115.929	Series 408 2.2	1/68-12/74	2197 ccm	40-77 kW (54-105 PS)	87 / 4						
ENG. M 115.923/.926	200 (115)	1/68-1/77	1988 ccm	62-70 kW (84-95 PS)	87 / 4						
ENG. M 115.938/.939	200 (123)	2/76-8/80	1988 ccm	62-70 kW (84-95 PS)	87 / 4						
ENG. M 121.940	200 (110)	8/65-12/67	1988 ccm	50-70 kW (68-95 PS)	87 / 4						
ENG. M 121.941/.942	O 309 2.0 Series 319 2.0 Series 407/408 2.0	8/65-2/68 8/65-2/68 8/65-2/68	1988 ccm	50-70 kW (68-95 PS)	87 / 4						
ENG. M 121.943/.944	O 309 2.0 Series 406/408 2.0	8/65-2/68 8/65-2/68	1988 ccm	50-70 kW (68-95 PS)	87 / 4						
ENG. M 110.921./931	280 (114)	6/72-12/84	2746 ccm	115 kW (156 PS)	86 / 6			IN			
ENG. M 110.922./932	280 S (116)	8/72-12/84	2746 ccm	105-136 kW (143-185 PS)	86 / 6	EX	PMER064	1170500027	39,1x9,0x118,1	45	1
ENG. M 110.923	280 (123)	2/76-8/81	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
ENG. M 110.981/.983	280 E (114)/(116)	6/72-11/76	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
ENG. M 110.982	280 SL (107)	6/76-8/85	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
ENG. M 110.985	280 SE (116)	10/76-7/80	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
ENG. M 110.984	280 E (123)	2/76-11/85	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
ENG. M 110.986/.990/.992	280 SL (107) 350 SL 2.8 (107) 450 SL 2.8 (107)	6/76-8/85 6/76-8/85 6/76-8/85	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
ENG. M. 110.991	230 E 2.8 (114) 250 C 2.8 (114) 280 E (114)	10/81-12/84 10/81-12/84 10/81-12/84	2746 ccm	115-136 kW (156-185 PS)	86 / 6						


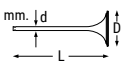




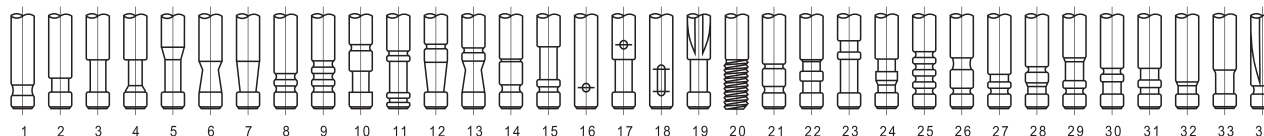
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES BENZYNA											
ENG. M 110.924/.926	280 S (126)	12/79-7/85	2746 ccm	115-136 kW (156-185 PS)	86 / 6	IN	PMER062	1100500726	45,2x9,0x115,0	45	1
ENG. M 110.987/.989	280 SE (126)	10/79-7/85	2746 ccm	115-136 kW (156-185 PS)	86 / 6	EX	PMER064	1170500027	39,1x9,0x118,1	45	1
	380 SE 2.8 (126)	10/79-12/85						1170500127			
ENG. M 110.988	280 E (123)	2/76-11/85	2746 ccm	115-136 kW (156-185 PS)	86 / 6						
ENG. M 110.994	280 GE (460)/(461)	11/79-8/89	2746 ccm	115-136 kW (156-185 PS)	86 / 6						
ENG. M 166.990	A 190 (168)	6/99-8/04	1898 ccm	92 kW (125 PS)	84 / 4	IN	PMER086	1660530201	43,0x6,0x103,0	45	1
ENG. M 166.991	Vaneo 1.9	2/02-8/05	1898 ccm	92 kW (125 PS)	84 / 4	EX	PMER087	1660500427	36,0x7,0x102,7	45	1
ENG. M 166.995	A 210 Evolution (168)	3/02-8/04	2084 ccm	103 kW (140 PS)	84 / 4						
ENG. M 111.920/.921	C 180 (202)	3/93-5/00	1799 ccm	89-90 kW (121-122 PS)	85,3 / 4	IN	PMER088	1110531201	33,0x7,0x101,5	45	1
	C 180 T (202) kombi	6/96-9/00						1110532201			
						EX	PMER097	1110532501			
								1110501327	29,0x7,0x103,5	45	1
ENG. M 271.921	C 160 Kompressor (203)	6/05-2/08	1796 ccm	90-141 kW (122-192 PS)	82 / 4	IN	PMER091	2710530001	30,5x7,0x105,4	45	1
	CLC 160 Kompressor (203)							2710500027			
						EX	PMER092	2710500427	27,0x7,0x109,3	45	1
ENG. M 271.940	C 200 Kompressor (203)	9/02-8/07	1796 ccm	90-141 kW (122-192 PS)	82 / 4						
	CLC 180 Kompressor (203)	3/08 →									
	CLK 200 Kompressor	5/02-8/04									
ENG. M 271.941	E 180 Kompressor (211)	1/03 →	1796 ccm	90-141 kW (122-192 PS)							
	CLK 200 CGI Kompressor (209)	9/02-8/07									
	E 200 Kompressor	3/02-3/06									
ENG. M 271.942	C 200 CGI Kompressor (203)	5/02-8/04	1796 ccm	90-141 kW (122-192 PS)	82 / 4						
	CLK 200 CGI Kompressor (209)										
ENG. M 271.944	SLK 200 Kompressor	4/04-11/07	1796 ccm	90-141 kW (122-192 PS)	82 / 4						

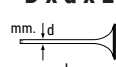




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES BENZYNA											
ENG. M 271.946	C 180 Kompressor (203)	9/02-2/08	1796 ccm	90-141 kW (122-192 PS)	82 / 4	IN	PMER091	2710530001	30,5x7,0x105,4	45	1
	CLC 180 Kompressor (203)	3/08 →						2710500027	27,0x7,0x109,3	45	1
ENG. M 271.948	C 230 1.8 Kompressor (203)	2/04-5/05	1796 ccm	90-141 kW (122-192 PS)	82 / 4	EX	PMER092	2710500427			
ENG. M 271.956	E 200 Kompressor (211)	6/06 →	1796 ccm	90-141 kW (122-192 PS)	82 / 4						
ENG. M 104.900	V 280 (638)	04/96-9/03	2792 ccm	128 kW (174 PS)	81 / 6	IN	PMER100	021109601E 021109601H 021109601J 021109601K 021109601L 95WW6507AA 1004128 1072283 1031317	39,0x7,0x106,0	45	9
						EX	PMER101	021109611D 021109611F 021109611G 95VW6505AA 1031316 1004127	34,3x7,0x107,0	45	9

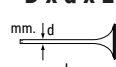




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
	290 GD Turbo (461)					IN	PMER003	6010531201	39,8x10,0x131,5	30	20
ENG. OM 602.981, 989 Euro 2	U 90/U 100 turbo Series UX 100	7/96 →	2874 ccm	80-90 kW (109-122 PS)	89 / 5			6010531501 6010531701			
ENG. OM 602.986	Sprinter 210/310/410 D 2.9	2/95-3/00	2874 ccm	90 kW (122 PS)	89 / 5	EX	PMER004	6010500227	35,0x9,0x106,4	45	1
ENG. OM 601.970	V 230 TD (638) Viano 110 D 2.3 Vito 110 D	11/95 →	2299 ccm	72 kW (98 PS)	89 / 4			6010500527 6010501227 6010501927 6010502127			
ENG. OM 661.911	MB 100 2.3 D	1/96 →	2299 ccm	58 kW (79 PS)	89 / 4			6010502327			
ENG. OM 662.911	MB 100 2.9 D	1/96 →	2874 ccm	70 kW (95 PS)	89 / 5			6010502527 6010502827 6010503027			
ENG. OM 616.910	O 309 D 2.4 Series 406/407 D 2.4	1/75-8/82 1/75-12/88	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4	IN	PMER005	6160530301	39,8x10,0x131,5	30	20
ENG. OM 616.911	240 D (115) U 52/U 60 U 421/ U 600 Series 207/307 D 2.4	→ 1/77 1/77-5/88 1/77-5/88 → 1/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4	IN EX	PMER075 PMER006	6160530201 6160500027 6160500127 6160500527 6170500027			
ENG. OM 616.912	240 D (115) 240 D (123) U 421/U 600 Series 207/307 D 2.4	→ 1/77 2/76-11/85 → 02/01 → 1/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.913	Series 407 D 2.4	7/81-1/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.914	Series 507 D 2.4	4/86-4/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.916	240 D (USA) (115)	1/74-9/76	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						


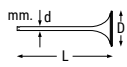




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
	240 D (115) U 421/ U 600 Series 207/307 D 2.4	7/73-1/77 → 02/01 → 1/89				IN	PMER005	6160530301 6160530401	39,8x10,0x131,5	30	20
						IN	PMER075	6160530201	39,8x10,0x131,5	30	20
ENG. OM 616.917	Series 207 D 2.4	5/77-8/82	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4	EX	PMER006	6160500027 6160500127 6160500527 6170500027	34,2x10,0x131,0	30	20
ENG. OM 616.919/-000	240 D (115) U 421/ U 600 Series 207/307 D 2.4	→ 1/77 → 02/01 → 1/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.932/933	U 60/ U 600	8/73-5/88	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.934	Series 207/307 D 2.4 Series 308 D 2.4	5/77-8/82 5/77-8/82	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.934	Series 207/307 D 2.4 Series 308 D 2.4	5/77-8/82 5/77-8/82	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.936	240 GD (460)	3/79-8/87	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.937/939	O 309 D 2.4 Series 207/307 D 2.4 Series 308 D 2.4 Series 407 D 2.4	9/82-2/89 9/82-1/89 → 8/82 8/81-1/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.938	240 GD (460) 240 GD (461)	9/78-8/87 9/78 →	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.940	240 GD (461)	9/78 →	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.942	U 600	5/88-2/01	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.943/944	U 600/U 650	5/88-2/01	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.960 (ESP)	O 309 D 2.4 Series 406/407 D 2.4	12/80-6/89 12/80-6/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 616.961 (ESP)	MB 130/140/150/170/180 2.4 D MB-Trac 130/140/170/180	12/80-12/86	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4	IN	PMER005	6160530301	39,8x10,0x131,5	30	20
		12/80-12/86						6160530401			
ENG. OM 616.963	MB 100/120/140/160/180 2.4 D MB-Trac 100/120/140/150/160/180	10/83-1/96	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4	IN	PMER075	6160530201	39,8x10,0x131,5	30	20
		12/80-12/94						6160500027			
ENG. OM 617.910	240 D 3.0 (115) 300 D (115)	8/74-11/76	2998 ccm	39-65 kW (53-88 PS)	90,9 / 5	EX	PMER006	6160500127	34,2x10,0x131,0	30	20
		8/73-1/77						6160500527			
ENG. OM 617.912	300 D (123)	2/76-11/85	2998 ccm	39-65 kW (53-88 PS)	90,9 / 5			6170500027			
ENG. OM 617.913	Series 209/210 D 3.0 Series 309/409 D 3.0	9/82-1/89 4/82-1/89	2998 ccm	39-65 kW (53-88 PS)	90,9 / 5						
ENG. OM 617.931/932/933	300 GD (460)/(461)	12/79-8/90	2998 ccm	39-65 kW (53-88 PS)	90,9 / 5						
ENG. OM 617.950	300 SD T(USA) (116)	2/78-8/80	2998 ccm	85-92 kW (116-125 PS)	90,9 / 5						
ENG. OM 617.951	300 SD T (USA) (126)	8/80-10/85	2998 ccm	85-92 kW (116-125 PS)	90,9 / 5						
ENG. OM 617.952	300 D Turbo (123)	10/80-11/85	2998 ccm	85-92 kW (116-125 PS)	90,9 / 5						
ENG. OM 343.920			3780 ccm	70 kW (95 PS)	97 / 4	IN	PMER007	3520530001	44,0x9,0x140,5	45	2
ENG. OM 314.916, 953		4/66-12/76	3780 ccm	40-59 kW (54-80 PS)	97 / 4			3520530101			
ENG. OM 343.934		→ 12/89	3780 ccm	63 kW (85 PS)	97 / 4			3520500026			
ENG. OM 352.901-912, 914, 915, 917, 919, 930-936, 938, 939, 942-945, 948, 953-967, 969-976, 978-987, 989-993, 996-999		64 →	5675 ccm	48-96 kW (65-130 PS)	97 / 6	IN	PMER017	3520500126	44,0x9,0x140,5	30	2
ENG. OM 353.900-905, 915-917, 940-946, 949, 957, 960-966, 968, 969, 980-984		64 →	5675 ccm	62-96 kW (84-131 PS)	97 / 6	EX	PMER008	3520531505	36,0x10,0x140,5	45	2
ENG. OM 314.900, 910, 914, 917-920, 940-951, 954, 959, 961-965, 967		1/64-12/92	3780 ccm	39-66 kW (53-90 PS)	97 / 4	EX	PMER018	3520500227	36,0x10,0x140,5	45	2
ENG. OM 340.930, 932		→ 2/89	3780 ccm	62-63 kW (85-86 PS)	97 / 4			3210530905			
ENG. OM 343.910, 932			3780 ccm	62-63 kW (85 PS)	97 / 4			3660500127			
								3660500527			
								3660500627			
								3760500027			
								3760500127			

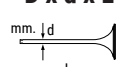




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 327.910, 914 - 919, 930 - 946	O 302 Series 1113/1216/1313/1317 Series 1416/1417/1517	65-5/69	7980 ccm	110-125 kW (150-170 PS)	115 / 6	IN	PMER009	3270530701 3600500326	54,0x10,0x150,0	45	2
						EX	PMER010	3270530705 3600500127 3600500227	43,0x10,0x150,0	45	2
ENG. OM 360.910, 914 - 915, 916 (TUR), 917 - 918, 930 - 931, 933, 935 - 944, 946, 948 - 952, 960 - 973, 975, 979 - 981 (TUR), 983	O 302 Series 1113/1216/1313/1317 Series 1413/1417/1517/1519/1617 Series 1817/1819	68 →	8725 ccm	81-141 kW (110-192 PS)	115 / 6						
ENG. OM 360.984 - 986 (TUR)	O 302	9/80 →	8725 ccm	141-154 kW (192-210 PS)	115 / 6						
ENG. OM 360.911 - 912, 934, 947, 954 - 956, 959, 974, 976 - 978	O 305	68-77	8725 ccm	125-141 kW (170-192 PS)	115 / 6						
ENG. OM 360.982	Series 1612	6/78 →	8725 ccm	154 kW (210 PS)	115 / 6						
ENG. OM 346.910-919, 940-947, 952-953	O 317 Series 326/329/331/332 Series 333/334/1418/1518 Series 1618/1619/1620/1623 Series 1918/1920/1923/2020 Series 2023/2220/2420/2620	61 →	10809 ccm	136-155 kW (185-210 PS)	128 / 6	IN	PMER011	3450537101 3460530001 3460530101 3460530301	42,0x9,0x129,8	45	2
						EX	PMER012	3550500127 3450537105 3460530005 3460530105 3460530205	37,0x9,0x165,3	45	2


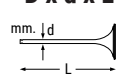




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm.	Kąt przyłgni 	Typ zamka
MERCEDES DIESEL											
ENG. OM 345.914-001, 914-002, 914-003, 914-004, 914-005 (BRA)			11581 ccm	103-135 kW (140-185 PS)	128 / 6	IN	PMER011	3450537101 3460530001 3460530101	42,0x9,0x129,8	45	2
ENG. OM 355.960-964, 966-967, 970, 972-976, 979-980 (ITA), 981-982 (SUI)	O 302/317 Series 1624/1924/2024 Series 2223/2224/2624	9/67 →	11581 ccm	136-191 kW (185-260 PS)	128 / 6	EX	PMER012	3460530301 3550500127 3450537105	37,0x9,0x165,3	45	2
ENG. OM 355.983-984	Series 1624/1924/2624	9/67-2/01	11581 ccm	176 kW (240 PS)	128 / 6			3460530005			
ENG. OM 345.910, 912, 932-933, 936-937 (BRA)		5/74 →	11581 ccm	137-177 kW (186-240 PS)	128 / 6			3460530105 3460530205			
ENG. OM 347.915, 942-943			9651 ccm	141-147 kW (192-200 PS)	128 / 5						
ENG. OM 355.976-001, 976-002, 976-003, 976-004, 976-007 (AFS)		→ 2/01	11581 ccm	177 kW (240 PS)	128 / 6						
ENG. OM 355.975-005, 975-006 (AFS)		→ 2/01	11581 ccm	176 kW (240 PS)	128 / 6						
ENG. OM 355.978			11581 ccm	176 kW (240 PS)	128 / 6						
ENG. OM 346.951		61-67	10809 ccm		128 / 6	IN	PMER011	3450537101 3460530001	42,0x9,0x129,8	45	2
ENG. OM 355.914, 916	Series 1923	67-78	11581 ccm	169 kW (230 PS)	128 / 6	EX	PMER012	3460530101 3460530301 3550500127 3450537105 3460530005 3460530105 3460530205	37,0x9,0x165,3	45	2
ENG. OM 355.910-913, 915, 918	Series 1624/1923/ 2220/2224/2624	67 →	11581 ccm	169 kW (230 PS)	128 / 6						
								IN EX			

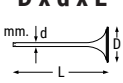




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 346.968, 969	O 302 Series 1924/1928/1929	11/78 →	11581 ccm	191-207 kW (260-280 PS)	128 / 6	IN	PMER011	3450537101 3460530001 3460530101 3460530301	42,0x9,0x129,8	45	2
ENG. OM 355.977 (MEX)	O 302	1/74 →	11581 ccm	205 kW (275 PS)	128 / 6	IN EX	PMER013 PMER014	3550530001 3550530005 3550500027	42,0x9,0x130,6 37,0x9,0x165,9	30 30	2 2
ENG. OM 401.912		10/74-6/83	9572 ccm	141 kW (192 PS)	125 / 6	IN	PMER015	4230500026	59,0x12,0x142,5	30	2
ENG. OM 401.917		4/72 →	9572 ccm	188 kW (256 PS)	125 / 6	EX	PMER016	4030500027 4030501027	Odległość zamka - 7,70 [mm] 51,0x12,0x142,5	45	2
ENG. OM 402.905-907, 910-914, 916- 17, 919, 921, 923-928		4/72 →	12760 ccm	177-188 kW (240-256 PS)	125 / 8			4230500427	Odległość zamka - 7,70 [mm]		
ENG. OM 403.905-906, 915-919, 930-935		9/70 →	15960 ccm	184-261 kW (250-355 PS)	125 / 10	IN	PMER026	4030530901	58,9x12,0x142,5	30	2
ENG. OM 407.901/-000, 913-920		11/76 →	11412 ccm	147-177 kW (200-240 PS)	125 / 6	EX	PMER027	4220500226 4220500026	Odległość zamka - 2,75 [mm]		
ENG. OM 407.905, 907-911		4/73-12/86	11040 ccm	132-155 kW (180-210 PS)	125 / 6			4220500526 4220530101 4420500226			
ENG. OM 401.900-001, 900/-000, 905-909, 913-916, 918-919, 921-923, 925-928		4/72-6/87	9572 ccm	129-141 kW (175-192 PS)	125 / 6			4420500326 4420500526			
ENG. OM 401.900-400 ENG. OM 401.901-504 Euro 1		1/76-12/89 92 →	9572 ccm		125 / 6	EX	PMER027	4220500027	51,0x12,0x142,5	45	2
ENG. OM 401.924		9/73-1/87	10456 ccm	144 kW (196 PS)	125 / 6	EX	PMER085	4220500127 4220500227 4420500127	Odległość zamka - 2,75 [mm] 51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	2
ENG. OM 402.900-001, 900-003, 900-004 ENG. OM 402.900-400, 900/-000		4/72-12/89	12760 ccm	147-188 kW (188-256 PS)	125 / 8			4420500227 4420500327 4420500427			
ENG. OM 403.900-001, 900-002, 900/-000, 910-911/-000		4/72 →	15960 ccm	184 kW (250 PS)	125 / 10						


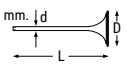




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 404.900/-000		1/73-12/89	19140 ccm		125 / 12	IN	PMER015	4230500026	59,0x12,0x142,5	30	2
ENG. OM 404.901/-000, 918 ENG. OM 404.901-400		1/73-12/89	20911 ccm		125 / 12				Odległość zamka - 7,70 [mm]		
ENG. OM 407.900/-000		1/73-12/89	11040 ccm		125 / 6	EX	PMER016	4030500027	51,0x12,0x142,5	45	2
ENG. OM 407.901-400, 901-600 ENG. OM 407.901-500		8/80-8/80	11412 ccm		125 / 6			4030501027 4230500427	Odległość zamka - 7,70 [mm]		
ENG. OM 407.951, 955		2/79-5/87	11412 ccm	206 kW (280 PS)	125 / 6			4030530901 4220500226	58,9x12,0x142,5 Odległość zamka - 2,75 [mm]	30	2
ENG. OM 407.952 (AFS), 953-954 (AFS), 956 (AFS)		10/79 →	11412 ccm	206-235 kW (280-320 PS)	125 / 6			4220500026 4220500526			
ENG. OM 409.901-000		1/85-12/89	9204 ccm		125 / 5			4220530101			
ENG. OM 401.970, 972-975, 977-981, 984-987, 989-991, 993-994 Euro 1 ENG. OM 401.976 Euro 1		12/90 → 6/92 →	9572 ccm	180-230 kW (245-313 PS)	125 / 6			4420500226 4420500326 4420500526			
ENG. OM 401.901/-000			10456 ccm		125 / 6	EX	PMER027	4220500027	51,0x12,0x142,5	45	2
ENG. OM 402.901/-000			13941 ccm		125 / 8				Odległość zamka - 2,75 [mm]		
ENG. OM 402.901/-504 Euro 1			12760 ccm		125 / 8	EX	PMER085	4220500127	51,0x12,0x142,5	45	2
ENG. OM 403.910-001, 910-002, 910-003, 910-004, 910-005, 910-006			15960 ccm	184-236 kW (250-320 PS)	125 / 10			4220500227 4420500127 4420500227 4420500327	Odległość zamka - 2,75 [mm]		
ENG. OM 407.930-932 (AFS)			11412 ccm	162 kW (220 PS)	125 / 6			4420500427			
ENG. OM 409.906-908 (AFS)			9204 ccm	135 kW (183 PS)	125 / 5						


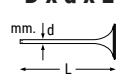




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 611.960-961	C 200 CDI (202)	3/98-2/01	2151 ccm	75-105 kW (102-143 PS)	88 / 4	IN	PMER019	6110530101	30,2x7,0x104,0	45	1
	C 220 CDI (202)	12/97-2/01						6110530401			
	E 200/220 CDI (210)	7/98-6/99						05073735AA			
ENG. OM 611.980	V 200 CDI 2.2 (638)	6/99-8/03	2151 ccm	60-90 kW (82-122 PS)	88 / 4	EX	PMER020	6110530105	28,3x7,0x104,4	45	1
	V 200 CDI (638)	6/99-8/03						6110500127			
	Vito 108/110/112 CDI	4/99 →						05073738AA			
ENG. OM 611.981 Euro 3	Sprinter 211/213/311 CDI	4/00 →	2151 ccm	60-95 kW (82-129 PS)	88 / 4						
	Sprinter 313/411/413 CDI	4/00 →									
ENG. OM 611.983 Euro 3	Sprinter 311/313/411/413 CDI		2151 ccm	60-95 kW (82-129 PS)	88 / 4						
ENG. OM 611.987 Euro 3	Sprinter 208/308/408 CDI	4/00 →	2151 ccm	60-95 kW (82-129 PS)	88 / 4						
ENG. OM 612.961-963	C 270 CDI (203)	12/00-8/04	2687 ccm	115-125 kW (156-170 PS)	88 / 5						
	CLK 270 CDI (209)	6/02-6/05									
	E 270 CDI (210)	6/99-1/03									
	G 270 CDI (461)	11/99 →									
	ML 270 CDI (163)	11/99-6/05									
ENG. OM 612.965-967	CLK 270 CDI (209)	9/02-6/05	2687 ccm	115-125 kW (156-170 PS)	88 / 5						
	G 270 CDI (461)	9/01 →									
	G 270 CDI (463)	9/02-9/06									
ENG. OM 612.983 Euro 3	Accelo 715 C		2687 ccm	115 kW (156 PS)	88 / 5						
ENG. OM 612.990 AMG	C 30 AMG CDI (203)	9/02-8/04	2950 ccm	170 kW (231 PS)	88 / 5						
ENG. OM 613.960-961	E 320 CDI (210)	6/99-1/03	3222 ccm	145 kW (197 PS)	88 / 6						
	S 320 CDI (220)	6/99-8/02									
ENG. OM 612.981 Euro 3	Sprinter 216/316/416 CDI	4/00 →	2686 ccm	110 kW (150 PS)	88 / 5						
	Sprinter 616 CDI	2/01 →									
ENG. OM 611.962	C 200 CDI (203)	10/00-2/03	2151 ccm	185-105 kW (116-143 PS)	88 / 4						
	C 220 CDI (203)	5/00-2/03									


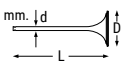




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
MERCEDES DIESEL												
ENG. OM 440.971, 975-976 Euro 1		7/75 →	14618 ccm	370 kW (503 PS)	128 / 8	IN	PMER026	4030530901	58,9x12,0x142,5 Odległość zamka - 2,75 [mm]	30	2	
												4220500226
ENG. OM 442.993-994 Euro 0		12/88-7/92	14618 ccm	362 kW (492 PS)	128 / 8			4220500026				
									4220500526			
ENG. OM 442.900/-000		12/87 →	15080 ccm		130 / 8		EX	PMER027	4220530101	51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	2
									4420500226			
									4420500326			
									4420500526			
									4220500027			
									4220500127			
		EX	PMER085	4220500227	51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	2					
				4420500127								
				4420500227								
				4420500327								
				4420500427								
				4420500391								
PMER082	4020500091	4420160291	17,0x8,0x90,3	45	1							
						4420160391						
						4420500191	17,0x8,0x84,0	45	1			
						4420160191						


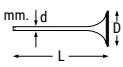




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 447.915-916 ENG. OM 447.905-908, 910-912 ENG. OM 447.913-914 Euro 1		1/91 → 1/85 → 11/91-5/98	11970 ccm 11970 ccm	185 kW (252 PS) 150-184 kW (204-250 PS)	128 / 6 128 / 6 128 / 6	IN	PMER026	4030530901 4220500226 4220500026 4220500526 4220530101 4420500226 4420500326 4420500526	58,9x12,0x142,5 Odległość zamka - 2,75 [mm]	30	2
ENG. OM 441.950, 953, 955 Euro 0		12/87-9/92	10965 ccm	200 kW (272 PS)	128 / 6						
ENG. OM 441.901-400 901-500, 901-504, 901-505, 901-507, 901-520		3/91 →	10965 ccm		128 / 6	EX	PMER027	4220500027	51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	2
ENG. OM 447.901-204 Euro 1 ENG. OM 447.900/-000, 901/-200		92 →	11970 ccm		128 / 6	EX	PMER085	4220500127 4220500227 4420500127 4420500227 4420500327 4420500427	51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	v
ENG. OM 440.907 Euro 1 ENG. OM 440.909-911		8/92 →	15080 ccm	195 kW (265 PS)	130 / 8						
ENG. OM 441.900/-000, 905-909, 911-921, 923-927 ENG. OM 441.922, 932-933 Euro 1		8/82 → 3/91-8/94	11309 ccm	150-165 kW (204-224 PS)	130 / 6						
ENG. OM 442.905-911, 914-930, 932-935, 939 ENG. OM 442.931 Euro 1		3/87 → 9/91-1/92	15080 ccm	191-218 kW (260-296 PS)	130 / 8						
ENG. OM 443 900/-000, 905		88 →	18848 ccm	271 kW (369 PS)	130 / 10						
ENG. OM 442.900-004 Euro 1		92 →	15080 ccm		130 / 8						
ENG. OM 441.900-004 Euro 1		93 →	11309 ccm		130 / 6						

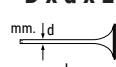




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 442.901-500, 901-520		3/91-12/03	14618 ccm		128 / 8	IN	PMER026	4030530901	58,9x12,0x142,5	30	2
ENG. OM 442.941-946, 950, 952, 954-955, 957-959 Euro 0		85 →	14618 ccm	260-269 kW (354-366 PS)	128 / 8			4220500226 4220500026 4220500526	Odległość zamka - 2,75 [mm]		
ENG. OM 442.951, 953 Euro 0		85-3/92	14618 ccm	320-329 kW (435-447 PS)	128 / 8			4220530101 4420500226 4420500326			
ENG. OM 44.901			10965 ccm	250 kW (340 PS)	128 / 6			4420500526			
ENG. OM 442.901/-400		3/91-12/03	14618 ccm		128 / 8						
ENG. OM 442.999 Euro 1		7/95 →	14618 ccm	370 kW (503 PS)	128 / 8	EX	PMER085	4220500127	51,0x12,0x142,5	45	2
ENG. OM 445.920-927, 929-931, 933-941 Euro 2			10965 ccm	180-250 kW (245-340 PS)	128 / 6			4220500227 4420500127			
ENG. OM 446.920, 922-936, 938-943, 945-946, 948 Euro 2		1/94 →	14618 ccm	280-390 kW (381-530 PS)	128 / 8		PMER082	4420500227 4420500327 4420500427 4420500391 4020500091 4420160291 4420160391	17,0x8,0x90,3	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 402.970-975, 977-978, 980-990, 995-996 Euro 1		10/90 →	12760 ccm	280-295 kW (381-401 PS)	125 / 8	IN	PMER026	4030530901	58,9x12,0x142,5	30	2
								4220500226			
ENG. OM 495.900-001 (AFS), 900-002 (AFS), 900-003 (AFS), 900-009 (AFS), 900-010 (AFS)			9204 ccm	135 kW (183 PS)	125 / 5			4220500026	Odległość zamka - 2,75 [mm]		
							4220500526				
ENG. OM 496.900-001 (AFS), 900-002 (AFS), 900-003 (AFS), 900-023 (AFS), 900-026 (AFS), 900-027 (AFS), 900-030 (AFS), 900-031 (AFS), 900-034 (AFS), 900-035 (AFS), 900-201 (AFS)			11412 ccm	147-162 kW (200-220 PS)	125 / 6			4220530101	51,0x12,0x142,5	45	2
							4420500226				
ENG. OM 496.900-401 (AFS), 900-402 (AFS), 900-425 (AFS), 900-426 (AFS), 900-429 (AFS), 900-430 (AFS), 900-431 (AFS), 900-501 (AFS)			11412 ccm	202-235 kW (275-320 PS)	125 / 6	EX	PMER085	4420500326	Odległość zamka - 2,75 [mm]		
								4220500127			
ENG. OM 481.902 (TUR)			10965 ccm	159 kW (216 PS)	128 / 6			4220500227			
ENG. OM 482.930 (TUR)		1/80 →	14618 ccm	206 kW (280 PS)	128 / 8			4420500127			
ENG. OM 492.900-010, 900-013								4420500227			
ENG. OM 492.900-405 (AFS), 900-406 (AFS), 900-409 (AFS), 900-411 (AFS)		10/84 →	14618 ccm	221-243 kW (300-330 PS)	128 / 8			4420500327			
ENG. OM 492.900-501 (AFS)		10/84 →	14618 ccm	276 kW (375 PS)	128 / 8			4420500427			
ENG. OM 493.900-001 (AFS), 900-501 (AFS)		10/84 →	18273 ccm	261-368 kW (355-500 PS)	128 / 10						
ENG. OM 427.902-500			11970 ccm		128 / 6						
ENG. OM 440.940-942, 945, 948 Euro 1		7/91 →	14618 ccm	250-269 kW (340-366 PS)	128 / 8						

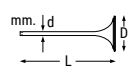


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 485.980 (BRA)		12/91 →	9973 ccm	221 kW (300 PS)	128 / 5	IN	PMER026	4030530901	58,9x12,0x142,5 Odległość zamka - 2,75 [mm]	30	2
ENG. OM 462.900-411 (AFS), 900-414 Euro 0		7/87 →	14618 ccm	269-329 kW (366-447 PS)	128 / 8			4220500226			
ENG. OM 462.900-511 (AFS) Euro 0								4220500026			
ENG. OM 442.901-502		3/91-2/91	14618 ccm		128 / 8			4220500526			
ENG. OM 442.901-502								4220530101			
ENG. OM 447.970-979, 988, 990-994, 996, 998-999 Euro 2		94 →	11970 ccm	157-220 kW (213-300 PS)	128 / 6			4420500226			
ENG. OM 447.970-979, 988, 990-994, 996, 998-999 Euro 2						EX	PMER085	4420500326			
ENG. OM 447.903 Euro 2		9/99-9/06	11970 ccm	184 kW (250 PS)	128 / 6			4420500526			
ENG. OM 427.902/-400, 903/-600			11970 ccm		128 / 6			4220500127			
ENG. OM 447.902-400, 902-500								4220500227			
ENG. OM 447.903-707 Euro 2								4420500127			
ENG. OM 447.969-501 (USA), 969-502 (USA), 969-503 (USA)			11970 ccm	224-261 kW (300-350 PS)	128 / 6			4420500227			
ENG. OM 447.969-501 (USA), 969-502 (USA), 969-503 (USA)								4420500327			
ENG. OM 481.904 (TUR)			10965 ccm	159 kW (216 PS)	128 / 6			4420500427			
ENG. OM 492.900-001 (AFS), 900-002 (AFS), 900-004 (AFS), 900-005, 900-007, 900-008, 900-009			14618 ccm	184-206 kW (250-280 PS)	128 / 8						
ENG. OM 668.914	Vaneo 1.7 CDI	2/02-8/05	1689 ccm	44-70 kW (60-95 PS)	80 / 4	IN	PMER031	6680530301	29,6x6,0x105,2	45	9
ENG. OM 668.940	A 160 CDI (168)	3/01-8/04	1689 ccm	44-70 kW (60-95 PS)	80 / 4			6680530801			
ENG. OM 668.941	A 170 CDI (168)	7/98-2/01	1689 ccm	44-70 kW (60-95 PS)	80 / 4	EX	PMER032	6680500227	24,6x7,0x105,0	45	9
ENG. OM 668.941	A 160 CDI (168)	9/98-2/01	1689 ccm	44-70 kW (60-95 PS)	80 / 4			6680500127			
ENG. OM 668.942	A 170 CDI (168)	3/01-8/04	1689 ccm	44-70 kW (60-95 PS)	80 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm.	Kąt przyłgni 	Typ zamka
MERCEDES DIESEL											
ENG. OM 605.910	C 250 D (202)	7/93-8/95	2497 ccm	83 kW (113 PS)	87 / 5	IN	PMER033	6060530501	29,0x6,0x105,4	45	9
ENG. OM 605.911	E 250 D (124)	7/93-5/96	2497 ccm	83 kW (113 PS)	87 / 5			6060530601			
ENG. OM 605.912	E 250 D (210)	6/95-6/99	2497 ccm	83 kW (113 PS)	87 / 5			6060530701			
ENG. OM 604.915 (POR)	C 200 D (202)	9/96-6/99	1997 ccm	65-83 kW (88-113 PS)	87 / 4	IN	PMER037	6060531101	29,0x6,0x105,4	45	1
ENG. OM 604.917 (POR)	E 200 D (210)	3/97-6/99	1997 ccm	65-83 kW (88-113 PS)	87 / 4	EX	PMER038	6060530705	26,0x6,0x105,7	45	1
ENG. OM 606.910/912	E 300 D (124/210)	7/93-8/97	2996 ccm	100 kW (136 PS)	87 / 6			6060530605			
ENG. OM 606.961	S 300 D Turbo (140)	6/96-9/98	2996 ccm	130 kW (177 PS)	87 / 6	EX	PMER034	6060530305	26,0x6,0x105,7	45	9
ENG. OM 606.962	E 300 D Turbo (210)	9/97-6/99	2996 ccm	130 kW (177 PS)	87 / 6			6060500527			
ENG. OM 606.964	G 300 D Turbo (463)	9/96-12/00	2996 ccm	130 kW (177 PS)	87 / 6			6060530105			
ENG. OM 605.960	C 250 D Turbo (202)	9/95-2/01	2497 ccm	110 kW (150 PS)	87 / 5	EX	PMER039	6060501127	26,0x7,0x105,7	45	1
ENG. OM 605.962	E 250 D Turbo (210)	3/97-6/99	2497 ccm	110 kW (150 PS)	87 / 5			6060501427			
ENG. OM 604.910	C 220 D (202)	8/93-6/99	2155 ccm	70 kW (95 PS)	89 / 4						
ENG. OM 604.912	E 220 D (210)	6/95-6/99	2155 ccm	70 kW (95 PS)	89 / 4						
ENG. OM 628.960-963	E 400 CDI (211) G 400 CDI (463) ML 400 CDI (163) S 400 CDI (220)	6/99 →	3996 ccm	184-191 kW (250-260 PS)	86 / 8	IN	PMER076	6280530001	28,7x7,0x104,1	45	1
						EX	PMER077	6460530001 6280530005	26,2x7,0x104,5	45	1
ENG. OM 629.910-912	E 420 CDI (211) GL 420/ML 420 CDI (164) S 420 CDI (221)	9/05 →	3996 ccm	223-235 kW (306-320 PS)	86 / 8						
ENG. OM 646.951/.961-963/.966	C 200/220 CDI (203) CLC 200/220 CDI (203) CLK 220 CDI (209) E 200/220 CDI (211)	3/02 →	2148 ccm	90-110 kW (122-150 PS)	88 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 647.961/.981	E 270 CDI (211)	3/02 →	2685 ccm	130 kW (177 PS)	88 / 5	IN	PMER076	6280530001	28,7x7,0x104,1	45	1
	Sprinter 308/311/314 CDI							6460530001			
	Sprinter 408/411/413/414/416 CDI					EX	PMER077	6280530005	26,2x7,0x104,5	45	1
ENG. OM 646.811/.812/.820/.821/.992	C 200/220 CDI (204) E 200/220 CDI (211)	6/06 →		100-125 kW (136-170 PS)	88 / 4						
ENG. OM 648.960/.961	E 280/320 CDI (211) S 320 CDI (220)	9/02 →	3227 ccm	150 kW (204 PS)	88 / 6						
ENG. OM 646.980/.981	Viano 200/220 CDI	9/03 →	2151 ccm	80-110 kW (109-150 PS)	88 / 4						
ENG. OM 646.982-986/.989/.990	Sprinter 215 CDI		2151 ccm	65-110 kW (88-150 PS)	88 / 4						
	Sprinter 311/315/318 CDI										
	Sprinter 509/511/515/518 CDI										
	Viano 200/220 CDI										
	Vito 109/111/115 CDI	9/03 →									
ENG. OM 900.910			4250 ccm	128 kW (170 PS)	102 / 4	IN	PMER080	9060500326	34,0x8,0x128,8	20	1
ENG. OM 902.910-912, 919-922			6374 ccm	142-194 kW (190-260 PS)	102 / 6			9060500226			
ENG. OM 902.913-918, 923-927, 930-934, 936 Euro 4		2/06 →	6374 ccm	175-210 kW (238-286 PS)	102 / 6			9060500626	38,0x8,0x152,6	45	1
ENG. OM 904.903-912, 918-925, 926 (USA), 929-931, 932 (MEX), 933 (USA), 934-935 (MEX), 937 (USA), 938, 939-940 (USA), 941, 943, 945, 948-949, 955, 956 (MEX), 957, 959, 962, 964-968, 970, 972-974, 976, 979 Euro 2		12/95 →	4250 ccm	75-142 kW (102-190 PS)	102 / 4	EX	PMER081	9060500327			
								9060500627			
								9060500727			


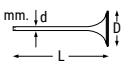




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. OM 904.914-917, 927-928, 936, 942, 944, 946-947, 950-954, 961		8/95 →	4250 ccm	90-130 kW (122-177 PS)	102 / 4	IN	PMER080	9060500326 9060500226 9060500626	34,0x8,0x128,8	20	1
ENG. OM 904.960, 964, 971, 975 Euro 3		6/03 →	4250 ccm	75-130 kW (102-177 PS)	102 / 4	EX	PMER081	9060500327 9060500627 9060500727	38,0x8,0x152,6	45	1
ENG. OM 906.910-914, 917-919, 921-924, 929 (USA), 930-934, 937-938, 940-941, 944-948, 953-954, 956, 966 (MEX), 967, 970, 974-977, 978 (USA), 979-981, 985, 988 Euro 2		1/98 →	6374 ccm	142-224 kW (190-300 PS)	102 / 6						
ENG. OM 906.915-916, 920, 925-928, 935-936, 939, 949-952, 955, 957 (USA), 958-959, 961-962, 964-965, 968, 971, 982-983		1/98 →	6374 ccm	142-205 kW (190-279 PS)	102 / 6						
ENG. OM 906.960, 963, 991 Euro 3		4/00 →	6374 ccm	130-205 kW (177-279 PS)	102 / 6						
ENG. OM 907.910, 920, 930, 940-941, 960, 970, 980, 990 Euro 2		8/95 →	4250 ccm	75-125 kW (102-170 PS)	102 / 4						
ENG. OM 909.900-901, 910-911, 920-921, 960, 970-971 Euro 2		8/95 →	6374 ccm	170-205 kW (231-279 PS)	102 / 6						
ENG. OM 924.915 Euro 2, OM 924.931 Euro 5			4250 ccm	160 kW (218 PS)	102 / 4						
ENG. OM 926.911-912, 914 Euro 2				240 kW (326 PS)	102 / 6						
ENG. OM 902.935 Euro 3	U 400	3/02 →	6374 ccm	100 kW (136 PS)	102 / 6						
ENG. OM 904.958, 969 Euro 3		3/02 →	4250 ccm	100-130 kW (136-177 PS)	102 / 4						


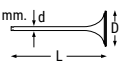




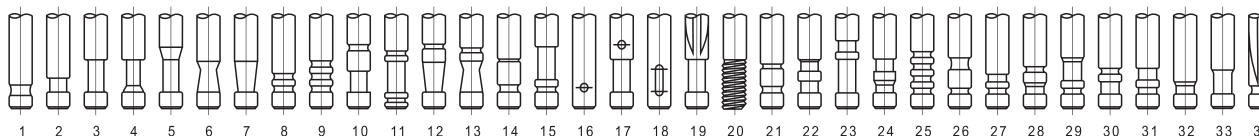
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm.	Kąt przyłgni 	Typ zamka 					
MERCEDES DIESEL																
ENG. OM 642.920/.921	E 280 CDI (211)	4/05 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6	IN	PMER089	6420530401	28,6x6,0x102,2	45	9					
	E 320 CDI (211)	4/05 →						MN960088								
ENG. OM 642.930/.932	S 320 CDI (221)	2/06 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6	EX	PMER090	05175396AA	25,4x6,0x102,2	45	9					
ENG. OM 642.940	ML 280/320 CDI (164)	8/05 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6			6420500527								
ENG. OM 642.950	R 280/320 CDI (251)	2/06 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6			MN960089								
ENG. OM 642.960	C 320 CDI (204)	6/07 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6			05175397AA								
ENG. OM 642.961	C 320 CDI (204)	6/07 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6											
	CLK 320 CDI (204)	5/05-10/09														
	GLK 320 CDI	4/09 →														
ENG. OM 642.970	G 320 CDI (463)	9/06 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6											
	R 280 CDI (251)															
	R 320 CDI Bluetec (251)	7/08 →														
ENG. OM 642.975	G 280 CDI (461)		2987 ccm	135-173 kW (184-235 PS)	83 / 6											
ENG. OM 642.990	Viano 300 CDI	4/06 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6											
	Vito 120 CDI	4/06 →														
ENG. OM 642.992/.993	Sprinter 218/318/518 CDI	4/06 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6											
ENG. OM 356.944 Euro 1	Series 1317	12/92-12/93	5958 ccm	116 kW (158 PS)	97,5 / 6	IN	PMER095	98497235	46,0x9,0x141,2	30	1					
						EX	PMER096	98429886 1908394 99433902 98412705 1908395								



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. 651.901	Klasa A (W176) A 180 CDI (176.000)	06/12 →	1796 ccm	80 kW (109 PS)	4	IN	PMER106	6510530101	28,5x6,0x109,0	45	9
	Klasa B (W246, W242) B 200 CDI (246.201)	11/11 →						A651.053.0101			
	CLA coupe (C117) CLA 200 CDI (117.301)	06/13 →						6510500127			
ENG. 651.911	Klasa C (W204) C 220 CDI (204.002)	10/08 - 01/14	2143 ccm	120 kW (163 PS)	4	EX	PMER107	A651.050.0127	24,6x6,0x109,3	45	9
	Klasa C (W204) C 220 CDI (204.002)	12/08 - 01/14									
	Klasa C (W204) C 250 CDI (204.003)	08/08 - 01/14									
	Klasa C T-Model (S204) C 220 CDI (204.202)	12/08 - 08/14									
	Klasa C T-Model (S204) C 220 CDI (204.202)	12/08 - 08/14									
	Klasa C T-Model (S204) C 250 CDI (204.203)	01/09 - 08/14									
	Klasa C coupe (C204) C 220 CDI (204.302)	06/11 →									
	Klasa C coupe (C204) C 250 CDI (204.303)	06/11 →									
	Klasa E coupe (C207) E 220 CDI	07/14									
	Klasa E coupe(C207) E 220 CDI / d (207.302, 207.301)	01/10 →									


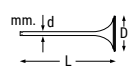




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MERCEDES DIESEL											
ENG. 651.911	Klasa E coupe (C207) E 250 CDI / BlueTEC / d (207.303, 207.304)	01/09 →	2143 ccm	120 kW (163 PS)	4	IN	PMER106	6510530101	28,5x6,0x109,0	45	9
		01/10 →						A651.053.0101			
ENG. 651.912	Klasa E kabriolet (A207) E 220 CDI / BlueTEC / d (207.402, 207.401)	01/10 →	2143 ccm	120 kW (163 PS)	4	EX	PMER107	6510500127	24,6x6,0x109,3	45	9
								A651.050.0127			
		02/13 - 01/14						Klasa C (W204) C 220 CDI 4-matic (204.084)			
		01/11 - 01/14						Klasa C (W204) C 250 CDI 4-matic (204.082)			
		02/13 - 08/14						Klasa C T-Model (S204) C 220 CDI 4-matic (204.284)			
		04/10 - 08/14						Klasa C T-Model (S204) C 250 CDI 4-matic (204.282)			
12/08 - 06/15	Klasa GLK (X204) 220 CDI 4-matic (204.984, 204.997)										
09/09 - 06/15	Klasa GLK (X204) 250 CDI 4-matic (204.982, 204.904)										



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MINI BENZYNA											
ENG. 4G18	Mini Mini (R56) Cooper	09/06 - 11/13		85 kW (115 PS)		IN	PMIN006	0948.E8	28,8x5,0x105,8	45	9
	Mini Mini (R56) Cooper	10/06 - 02/12		88 kW (120 PS)		EX	PMIN007	0949.E2	26,0x5,0x110,1	45	9
	Mini Mini (R56) Cooper	09/09 - 11/13		90 kW (122 PS)							
	Mini Mini kabriolet (R57) Cooper	10/07 - 06/15		88 kW (120 PS)							
	Mini Mini kabriolet (R57) Cooper	09/09 - 06/15		90 kW (122 PS)							
	Mini Mini Clubman (R55) Cooper	10/07 - 12/13		88 kW (120 PS)							
ENG. N14 B16 A	Mini Mini (R56) Cooper S	10/06 - 02/10		128 kW (174 PS)							
	Mini Mini (R56) Cooper S John Cooper Works	11/06 - 02/10		141 kW (192 PS)							
	MINI MINI kabriolet (R57) Cooper S	04/08 - 07/10		128 kW (174 PS)							
	Mini Mini Countryman (R60) Cooper S ALL4	08/10 - 10/16		135 kW (184 PS)							
	MINI MINI coupe (R58) Cooper S1	12/10 - 04/15		135 kW (184 PS)							
ENG. N14 B16 C	MINI MINI (R56) John Cooper Works	11/07 - 11/13		155 kW (211 PS)							
	Mini Mini kabriolet (R57) John Cooper Works	08/08 - 05/15		155 kW (211 PS)							
	Mini Mini Roadster (R59) John Cooper Works	11/11 - 04/15		155 kW (211 PS)							
	Mini Mini Clubman (R55) John Cooper Works	11/07 - 06/14		155 kW (211 PS)							
	Mini Mini coupe (R58) John Cooper Works1	12/10 - 05/15		155 kW (211 PS)							



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MINI DIESEL											
ENG. 9 HZ	Mini (R56) OneD 1.6 16V	6/09 →	1560 ccm	80 kW (109 PS)	75 / 4	IN	PMIN004	0948.C7	25,6x5,5x96,4	45	9
	Mini (R56) CooperD 1.6 16V	3/07 →						1229882			
	Clubman (R55) CooperD 1.6 16V	10/07 →						30711498 9645024780 3M5Q6507AA Y6011-2111 11347805968			
ENG. DV6TED4 Euro 4	Mini (R56) CooperD 1.6 16V	3/07 →	1560 ccm	80 kW (109 PS)	75 / 4	EX	PMIN005	0949.C3	23,4x5,5x96,6	45	9
	Clubman (R55) CooperD 1.6 16V	10/07 →						1229883 30711497 9640840080 3M5Q6505AA Y6011-2121 11347805969			


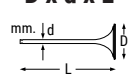




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MITSUBISHI BENZYNA											
ENG. 4G62T	Chariot 1.8i Turbo	6/84-8/87	1795 ccm	100 kW (136 PS)	80,6 / 4	IN EX	PMIT001 PMIT002	MD070691 MD070693	43,0x8,0x109,8 35,0x8,0x108,7	45 45	1 1
	Colt 1.8i Turbo	→ 4/85									
	Cordia 1.8i Turbo	10/84-12/86									
	Delica 1.8i Turbo	→ 4/85									
	Galant 1.8i Turbo	78-2/88									
	Lancer 1.8i Turbo	10/81-6/88									
	Space Wagon 1.8i Turbo	→ 8/86									
	Tredia 1.8i Turbo	9/84-9/85									
L 300 1.8i Turbo	→ 4/85										
ENG. G63, 4G63	Eterna 2000 Turbo	81 →	1997 ccm	66-140 kW (90-145 PS)	85 / 4						
	Galant 2000 Turbo	81 →									
	Starion 2000 Turbo	81 →									
	L300	90 →									
ENG. 4G33	Celeste 1400	77-78	1439 ccm	68 kW (92 PS)	73 / 4	IN EX	PMIT011 PMIT012	MD000480 MD002480 K491565-0 MD000481 MD002481 K491566-0	38,0x8,0x106,0 31,0x8,0x102,5	45 45	32 32
	Delica 1400	77-78									
	Galant 1400	77-78									
	Lancer 1400	77-78									
	Fork 1400	77-78									
ENG. G36	Jupiter 1200	75-78	1238 ccm	54 kW (73 PS)	73 / 4						
	Lancer 1200	75-78									


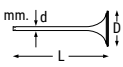




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
MITSUBISHI BENZYNA													
ENG. 4G32	Arrow 1600	77 →	1597 ccm	74 kW (100 PS)	76,9 / 4	IN	PMIT011	MD000480	38,0x8,0x106,0	45	32		
	Celeste 1600	77 →						MD002480					
	Challenger 1600	77 →						K491565-0					
	Champ 1600	77 →						PMIT012				MD000481	
	Chariot 1600	77 →										MD002481	
	Corida 1600	77 →										K491566-0	
	Delica 1600	77 →											
	Fork 1600	77 →											
	Galant 1600	77 →											
	Lancer 1600	77 →											
	Mirage 1600	77 →											
	Sapporo 1600	77 →											
	Tredia 1600	77 →											
ENG. G35	Galant 1700	72-77	1686 ccm	72 kW (97 PS)	79 / 4								
ENG. G11B (52 kW)	Colt, Fiore 1.2	77 →	1244 ccm	52-53 kW (70-72 PS)	69,5 / 4	IN	PMIT013	MD016460	34,0x6,6x102,0	45	1		
	Lancer 1.2	12/81 →						EX				PMIT014	MD016461
	Mirage 1.2	3/78-2/85						MD003788					
ENG. G13B (49 kW)	Colt 1.3	6/86-6/88	1299 ccm	49 kW (67 PS)	71 / 4								
	Fiore 1.3	83 →											
	Lancer 1.3	4/88-7/95											
	Mirage 1.3	1/86-10/91											
ENG. 4G13 (51 kW)	Colt, Lancer 1.3	4/88-7/95	1299 ccm	51 kW (70 PS)	71 / 4								
	Mirage 1.3	10/87-10/95											
ENG. G12B	Celest 1.4	3/79 →	1411 ccm	50 kW (68 PS)	74 / 4								
	Colt 1.4	2/78-5/88											
	Challenger, Fiore 1.4	78 →											
	Lancer 1.4	2/78-5/88											
	Mirage, Tredia 1.4	10/82-8/94											


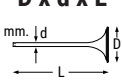




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MITSUBISHI BENZYNA											
ENG. G15B	Colt 1.5	6/86-5/87	1468 ccm	51-57 kW (70-77 PS)	75,5 / 4	IN EX	PMIT013 PMIT014	MD016460 MD016461 MD003788	34,0x6,6x102,0	45	1
	Fiore 1.5	83 →							30,0x6,6x101,0	45	1
	Lancer 1.5	4/86-6/88									
	Mirage 1.5	10/83-10/91									
ENG. 4G61KC	Lancer 1.6i	4/88-5/90	1596 ccm	91-100 kW (124-136 PS)	82,3 / 4	IN EX	PMIT015 PMIT016	22211-33000 MD127840 22212-33000 MD127841	34,0x6,5x109,5	45	1
	Mirage 1.6i	1/87-10/91							30,5x6,5x109,7	45	1
	Colt 1.6i	89 →									
ENG. 4G63 (75 kW)	Galant 2.0	5/84-11/87	1997 ccm	66-75 kW (90-102 PS)	85 / 4	IN EX	PMIT022 PMIT023	MD128434 MD139755	26,0x6,6x100,7	45	1
	Lancer 2.0	80 →							33,0x6,6x101,1	45	1
	RVR 2.0	1/91-11/97									
	Sapporo 2.0	3/81-11/84									
	Space Wagon 2.0	3/85-4/91									
L 300 2.0	1/85-10/86										
ENG. 4G13	Colt 1.3 12V	89 →	1299 ccm	55 kW (75 PS)	71 / 4	IN EX	PMIT022 PMIT023	MD128434 MD139755	26,0x6,6x100,7	45	1
	Mirage, Lancer 1.3 12V	89 →							33,0x6,6x101,1	45	1
ENG. 4G15	Colt 1.5 12V	89 →	1468 ccm	68 kW (93 PS)	75,5 / 4	IN EX	PMIT022 PMIT023	MD128434 MD139755	26,0x6,6x100,7	45	1
	Mirage, Lancer 1.5 12V	89 →							33,0x6,6x101,1	45	1
ENG. G32B	Colt 1.6	85-88	1598 ccm	60 kW (81,5 PS)	76,9 / 4	IN EX	PMIT026 PMIT027	MD075925 MD075927 MD075928	38,0x8,0x103,5	45	1
	Mirage 1.6								31,0x8,0x100,0	45	1
	Lancer 1.6										
	L300 1.6										
ENG. 4G63 16V	Space Wagon 2.0 16V	93 →	1997 ccm		85 / 4	IN EX	PMIT028 PMIT029	MD301193 MD159502 MD197097 MD199193 MD306183	33,0x6,0x112,5	45	1
	Space Gear 2.0 16V	93 →							29,0x6,0x114,2	45	1
	Galant 2.0 16V	93 →									
ENG. G64K 16V	Space Gear 2.4	93 →	2350 ccm		86,5 / 4						
ENG. 4G64	L 300	93 →	2351 ccm		86,5 / 4	IN EX	PMIT028 PMIT029	MD301193 MD159502 MD197097 MD199193 MD306183			
	Pajero	93 →									
	Space Runner	93 →									


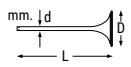




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MITSUBISHI BENZYNA														
ENG. G54B	Starion Turbo	84/89	2555 ccm		4	IN	PMIT030	MD083848	46,0x8,0x108,2	45	1			
	Montero	84/89						MD083849						
	Pick-Up	84/89						MD083851				38,0x8,0x105,6	45	1
ENG. G13B (49 kW)	Colt 1.3	6/86-6/88	1299 ccm	49 kW (67 PS)	71 / 4	IN	PMIT043	12911-71C00	29,2x5,5x92,2	45	1			
	Lancer 1.3	4/88-7/95						12915-71C50				25,0x5,5x79,9	45	1
	Mirage 1.3	1/86-10/91												
ENG. 4G18	Mitsubishi Lancer VII (CS_A, CT_A) 1.6 (CS3A)	09/03 - 12/13	1584 ccm	72 kW (98 PS)	4/76	IN	PMIT061	MD339752	29,1x5,5x111,65	45	1			
	Mitsubishi Lancer VII kombi (CS_W, CT_W) 1.6	09/03 - 10/08						MD339754				25,5x5,5x114,65	45	1
	Mitsubishi Space Star nadwozie wielkopojemne (MPV) (DG_A) 1.6 16V (DG3A)	01/01 - 12/04												


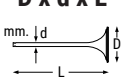




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MITSUBISHI DIESEL											
ENG. 4D55	Canter 2.3 D L 200, L 300 2.3 D	1/80-1/90 4/83-10/86	2346 ccm	48-50 kW (65-68 PS)	91,1 / 4	IN	PMIT003	MD083661 22211-42850	40,0x8,0x136,5	45	1
ENG. 4D55T	Canter 2.3 TD Galant 2.3 TD Pajero 2.3 TD Shogun, Sigma 2.3 TD L 200 2.3 TD L 300 2.3 TD	5/84 → 5/80-5/84 9/84-4/86 81-86 82-10/86 4/83-10/86	2346 ccm	62-70 kW (84-95 PS)	91,1 / 4	EX	PMIT004	MD083662 22212-42850	34,0x8,0x136,5	45	1
ENG. 4D56 (51 kW)	Canter 2.5 D Colt 2.5 D Delica, Montenero 2.5 D Pajero 2.5 D L 200 2.5 D L 300 2.5 D	1/86-9/96 86 → 4/86 → 4/86-7/93 11/86-5/96 11/86-12/00	2477 ccm	51-54 kW (69-72 PS)	91,1 / 4						
ENG. 4D56 (55 kW)	L 200 2.5 D	6/95 →	2477 ccm	55 kW (75 PS)	91,1 / 4						
ENG. 4D56T (62 kW)	Canter 2.5 TD Delica 2.5 TD Montenero, Shogun 2.5 TD Pajero 2.5 TD Space Gear 2.5 TD L 200 2.5 TD L 300 2.5 TD	10/89 → 4/86 → 3/86 → 5/86-5/99 6/94-3/01 11/92-8/96 11/88-12/01	2469 ccm	62-64 kW (84-87 PS)	91,1 / 4	IN IN EX EX	PMIT003 PMIT005 PMIT004 PMIT006	MD083661 22211-42850 MD198404 22211-45520 MD083662 22212-42850 MD198406 22212-45520	40,0x8,0x136,5 40,0x8,0x130,2 34,0x8,0x136,5 34,0x8,0x130,0	45 45 45 45	1 1 1 1
ENG. 4D56T (64 kW)	Montenero 2.5 TD Pajero 2.5 TD Space Gear 2.5 TD Strada Gear 2.5 TD L 200 2.5 TD L 300 2.5 TD L 400 2.5 TD	8/98 → 12/90-5/01 12/94-3/01 3/91 → 11/92-3/01 6/94-12/01 12/94-3/01	2346 ccm	64-73 kW (87-99 PS)	91,1 / 4						


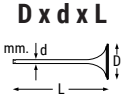




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MITSUBISHI DIESEL											
ENG. 4D56T (77 kW)	Delica 2.5 TD Pajero 2.5 TD	5/95 → 12/90-5/01	2477 ccm	77 kW (105 PS)	91,1 / 4	IN	PMIT003	MD083661 22211-42850	40,0x8,0x136,5	45	1
ENG. 4D56T (85 kW)	Pajero 2.5 TD L 200 2.5 TD	2/00 → 01-07	2477 ccm	85 kW (115 PS)	91,1 / 4	IN	PMIT005	MD198404 22211-45520	40,0x8,0x130,2	45	1
						EX	PMIT004	MD083662 22212-42850	34,0x8,0x136,5	45	1
						EX	PMIT006	MD198406 22212-45520	34,0x8,0x130,0	45	1
ENG. D4BF-E	Galloper I 2.5 TD	2/91-1/97	2477 ccm	59 kW (80 PS)	91,1 / 4	IN	PMIT005	MD198404 22211-42520	40,0x8,0x130,2	45	1
ENG. D4BH	Galloper I 2.5 TD Galloper II 2.5 TD	2/91-1/97 2/97-9/02	2477 ccm	69-78 kW (94-106 PS)	91,1 / 4	EX	PMIT006	MD198406 22212-42520	34,0x8,0x130,0	45	1
ENG. F8Q 784	Carisma 1.9 TD	5/96-6/00	1870 ccm	66-70 kW (90-95 PS)	80 / 4	IN	PMIT047	7701471704 7701469369 30852144 M852144 M889130 3345515 101778	35,0x8,0x110,0	45	1
						IN	PMIT050	7701468190	35,0x8,0x110,5	45	1
						IN	PMIT007	7701468035	35,2x8,0x111,6	45	1
						IN	PMIT049	7701462813 3287966-0	36,1x8,0x111,7	30	1
						EX	PMIT048	7701471705 7701469373 30852146 112656 101780	31,5x8,0x110,0	45	1
						EX	PMIT008	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1


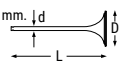




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MITSUBISHI DIESEL											
ENG. F9Q 1, F9Q 2	Carisma 1.9 TD Space Star 1.9 CDi	7/00 →	1870 ccm	75 kW (102 PS)	80 / 4	IN	PMIT009	7700110386	35,3x7,0x110,9	45	1
		6/00 →						7700110387			
ENG. F9Q 680	Carisma 1.9 CDi Space Star 1.9 CDi	6/99 →	1870 ccm	85 kW (116 PS)	80 / 4	EX	PMIT010	7701471702	32,6x7,0x110,7	45	1
		6/00 →						7701476024			
								7701470251			
								8200828299			
								13201-AW300			
								13201-00QAC			
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								7701471703			
								7701476025			
								7701476256			
								7701470252			
								8200872426			
								13202-AW300			
								13202-00QAN			
								MW30620686			
								90889403			
								4402634			
								4415922			




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MITSUBISHI DIESEL											
ENG. Renault F8Q	Carisma	5/96-6/00	1870 ccm	48 kW (65 PS)	80 / 4	IN	PMIT036	7701465107 7700702871 7700738494	36,2x8,0x111,7	30	1
						EX	PMIT008	7701462814 7700696117 7700702871 3287967-8			
ENG. 4M41	Pajero Montero III (V60, V70) 3.2 DI-D (V68W, V78W) Pajero Montero IV (V80, V90) 3.2 DI-D (V88W, V98W)	4/00-10/01	3200 ccm	118-125 kW (160-170 PS)	4	IN	PMIT041	ME203101	33,0x6,6x115,5	45	1
		2/07 →				EX	PMIT042	ME203102	31,0x6,6x115,3	45	1
ENG. 4M40	Pajero 2.8 D Canter 2.8 D	94 →	2835 ccm	69 kW (94 PS)	95 / 4	IN	PMIT045	ME200050	41,0x8,0x108,7	45	1
		96 →				EX	PMIT046	ME200051	35,0x8,0x108,5	45	1
ENG. 4M40T	Pajero 2.8 TD Intercooler Canter 2.8 TD Intercooler	94 → 99 →	2835 ccm		95 / 4						
ENG. F8Q 784	Carisma 1.9 TD	5/96-6/00	1870 ccm	66-70 kW (90-95 PS)	80 / 4	IN	PMIT051	7701466716	36,2x8,0x111,7	30	1
						EX	PMIT052	7701466717	31,6x8,0x111,7	45	1
ENG. BKD	Lancer 2.0 DI-D Grandis 2.0 DI-D Outlander 2.0 DI-D	1/08 →	1968 ccm	103 kW (140 PS)		IN	PMIT053	03G109601A	29,4x6,0x88,5	45	9
		07 →				EX	PMIT054	03G109611B	25,5x6,0x88,2	45	9
		07 →				IN	PMIT055	03G109601B MN980080 68001582AA	29,2x6,0x87,8	45	9
						EX	PMIT056	03G109611D MN980081 68001583AA	25,5x6,0x87,5	45	9





Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MITSUBISHI DIESEL											
ENG. OM 639.939	Colt 1.5 DI-D	8/04 →	1493 ccm	70 kW (95 PS)	75 / 4	IN	PMIT057	6420530401 MN960088 05175396AA	28,6x6,0x102,2	45	9
						EX	PMIT058	6420500527 MN960089 05175397AA			


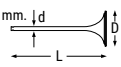




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
MOSKWICZ BENZYNA											
	Moskwicz 2141	86 →	1600 ccm		4	IN	PMOS001	412-1007010	38,2x8,0x116,7	45	30
						EX	PMOS002	412-1007012	34,0x8,0x112,4	45	30


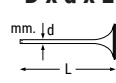




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MTZ DIESEL											
ENG. D50	MTZ 50, 52	62-85	4700 ccm	41 kW (55 KM)	110 / 4	IN	PMTZ001	4753421199 50-100-7014 2401007014B4	47,8x11,0x157,8	45	2
ENG. D243	MTZ 80, 82, 820, 920	75-77	4750 ccm	57,4 kW (81 KM)	110 / 4	EX	PMTZ002	4753421198 50-100-7015 2401007015B4	41,8x11,0x157,8	45	2
						IN	PMTZ003	4753526630	47,8x11,0x157,8	30	2
						EX	PMTZ002	4753421198 50-100-7015 2401007015B4	41,8x11,0x157,8	45	2


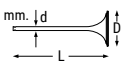




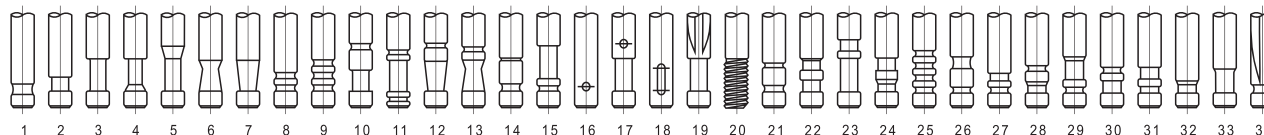
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
MULTICAR DIESEL											
Multicar						IN	PMUL001	19369-5	41,0x8,0x137,0	45	6
						EX	PMUL002	19370-8	33,0x8,0x137,0	45	6


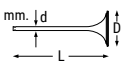




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
M.W.M. DIESEL											
ENG. KD 211-Z		54 →	1250 ccm	10-15 kW (13-20 PS)	85 / 2	IN	PMWM001	631334600034	37,0x9,0x117,0	45	3
ENG. AKD 311-2		55-67	1469 ccm	12-15 kW (16-20 PS)	90 / 2	EX	PMWM002	631334600024	33,0x9,0x117,0	45	3
ENG. D 227-2		70-77	1885 ccm	25-27 kW (34-37 PS)	100 / 2	IN EX	PMWM003	622604600054	41,0x9,0x117,0	45	9
ENG. D 227-3		70-77	2827 ccm	43-45 kW (59-61 PS)	100 / 3			F183200210080			
ENG. D 227-4		70-77	3768 ccm	46-61 kW (63-68PS)	100 / 4			7701006369			
ENG. D 227-6		70 →	5654 ccm	63-91 kW (86-124 PS)	100 / 6			630804600024			
ENG. D 327-2		1/72-77	1885 ccm	24-27 kW (32-37 PS)	100 / 2			F183200210070			
ENG. D 327-3		1/72 →	2827 ccm	31-48 kW (42-55 PS)	100 / 3			7701006368			
ENG. D 327-4		70 →	3768 ccm	47-55 kW (64-74 PS)	100 / 4						
ENG. D 327-6		10/72-12/79	5654 ccm	70-82 kW (95-112 PS)	100 / 6						
ENG. D 226-2, D 226-Z		1/72 →	2080 ccm	27-30 kW (37-40 PS)	105 / 2						
ENG. D 226-3, D 226-D		1/68 →	3117 ccm	35-44 kW (48-60 PS)	105 / 3						
ENG. D 226-4, D 226-V		1/68 →	4154 ccm	44-64 kW (60-87 PS)	105 / 4						
ENG. D 226-6, D 226-S		69 →	6234 ccm	74-96 kW (101-131 PS)	105 / 6						
ENG. KD 110,5-2		59-65	1336 ccm	18 kW (24 PS)	90 / 2	IN	PMWM019	0124418120	38,0x9,0x117,0	45	9
ENG. KD 110,5-3		59-65	2004 ccm	25-26 kW (34-36 PS)	90 / 3	IN	PMWM005	630804600014	38,0x9,0x117,0	45	9
ENG. KD 110,5-4		59-65	2670 ccm	35 kW (48 PS)	90 / 4	EX	PMWM006	620704603024	35,0x9,0x117,0	45	9
ENG. KD 110,5-6		63-65	4010 ccm	53 kW (72 PS)	90 / 6			F238200210040			
ENG. D 208-2		1/65-12/73	1490 ccm	23 kW (31 PS)	95 / 2			0123028300			
ENG. D 208-3		1/65-12/74	2235 ccm	26-34 (35-46 PS)	95 / 3			620704603014			
ENG. D 208-4		1/65-12/73	2976 ccm	33-40 kW (45-55 PS)	95 / 4			F238200210030			
ENG. D 208-6		1/65-12/73	4470 ccm	68 kW (93 PS)	95 / 6			0123028200			
ENG. D 225-2		69-81	1700 ccm	13-24 kW (10-33 PS)	95 / 2						
ENG. D 225-3		69-81	2550 ccm	35-37 kW (48-50 PS)	95 / 3						
ENG. D225-4		4/67-12/77	3402 ccm	46-50 kW (62-68 PS)	95 / 4						
ENG. D225-6		4/67-12/77	5100 ccm	59-75 kW (80-102 PS)	95 / 6						




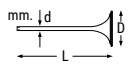


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
M.W.M. DIESEL											
ENG. D 308-2		1/65-12/73	1490 ccm	23 kW (31 PS)	95 / 2	IN	PMWM019	0124418120	38,0x9,0x117,0	45	9
ENG. D 308-3		1/65-12/78	2235 ccm	23-34 kW (32-46 PS)	95 / 3	IN	PMWM005	630804600014	38,0x9,0x117,0	45	9
ENG. D 308-4		1/65-12/79	2980 ccm	44 kW (60 PS)	95 / 4			620704603024			
ENG. D 308-6		1/65-12/73	4470 ccm	68 kW (93 PS)	95 / 6			F238200210040			
ENG. D 325-2		69-81	1700 ccm	16-24 kW (22-32 PS)	95 / 2			0123028300			
ENG. D 325-3		69-81	2550 ccm	25-34 kW (34-46 PS)	95 / 3	EX	PMWM006	620704603014	35,0x9,0x117,0	45	9
ENG. D 325-4		69-81	3400 ccm	51 kW (69 PS)	95 / 4			F238200210030			
ENG. D 325-6		4/67-12/77	5100 ccm	75 kW (102 PS)	95 / 6			0123028200			
ENG. D 925 L		4/67-12/79	2550 ccm	25-34 kW (34-46 PS)	95 / 3						
ENG. KD 1105-2		63-65	1490 ccm	22 kW (30 PS)	95 / 2						
ENG. TD 226-4		69 →	4160 ccm	68-74 kW (92-100 PS)	105 / 4	IN	PMWM011	622804603014	42,0x9,0x117,0	30	9
ENG. TD 226-6		92-96	6234 ccm	99-125 kW (135-170 PS)	105 / 6			F285200210230			
ENG. TD 228-6		1/76 →	6234 ccm	99-110 kW (135-150 PS)	105 / 6	EX	PMWM012	622604603024	38,0x9,0x117,0	45	9
								F285200210200			
								12159602			
								12165099			
								12911162			
ENG. D 226 B-2		86 →	2080 ccm	32 kW (43 PS)	105 / 2	IN	PMWM013	622604605014	47,0x9,0x117,0	45	9
ENG. D 226 B-3		86 →	3120 ccm	33-55 kW (45-75 PS)	105 / 3			F199200210040			
ENG. D 226 B-4		86-93	4154 ccm	51-74 kW (70-100 PS)	105 / 4			6005009608			
ENG. D 226 B-6		86-99	6234 ccm	77-105 kW (88-120 PS)	105 / 6	EX	PMWM014	622604605034	43,0x9,0x117,0	45	9
								F199200210050			
								6005009610			
								12159605			

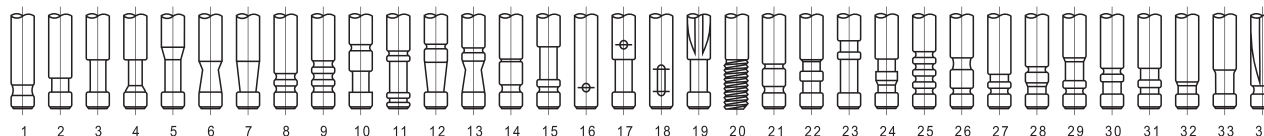



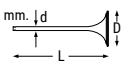


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
M.W.M. DIESEL											
ENG. TD 226 B-3		85-98	3117 ccm	51-84 kW (70-114 PS)	105 / 3	IN	PMWM015	622604607014	47,0x9,0x117,0	30	9
ENG. TD 226 B-4		8/87-01	4154 ccm	60-77 kW (82-105 PS)	105 / 4			F384200210090			
ENG. TD 226 B-6		69 →	6234 ccm	81-136 kW (110-185 PS)	105 / 6	EX	PMWM016	6005003724 12159606 622604607034 F385200210150 6005003725 12159608	43,0x9,0x117,0	45	9
ENG. AKD 12/112-1		54-65	905 ccm	8-9 kW (11-12 PS)	98 / 1	IN	PMWM017	632134600014	41,0x10,0x129,0	45	3
ENG. AKD 12/112-2		60-65	1810 ccm	16-18 kW (22-24 PS)	98 / 2			12165702			
ENG. AKD 12/112-3		60-65	2715 ccm	24 kW (33 PS)	98 / 3			12911163			
ENG. AKD 12/112-4		54-65	3600 ccm	32 kW (44 PS)	98 / 4	EX	PMWM018	632134600024	37,0x10,0x129,0	45	3
ENG. 322 Z		54-65	1802 ccm		98 / 2			12165703			
ENG. 322 D		54-65	2703 ccm		98 / 3			12911164			
ENG. KD 12E		52-63	880 ccm		95 / 1						
ENG. KD 12Z		52-63	1700 ccm		95 / 2						
ENG. KD 12D		52-63	2550 ccm		95 / 3						
ENG. KD 12V		52-63	3400 ccm		95 / 4						
ENG. TBD 616 V8			17500 ccm	480 kW (653 PS)	132 / 8	IN	PMWM020	12275153	47,0x9,0x152,7	30	9
ENG. TBD 616 V12			26300 ccm	720 kW (979 PS)	132 / 8	EX	PMWM021	12275154	43,0x9,0x152,7	30	9
ENG. TBD 616 V16			35000 ccm	960 kW (1305 PS)	132 / 12						

NEW HOLLAND → DAF 106
 FIAT/IVECO 121
 FORD/FORDSON 164
 MERCEDES 289
 PERKINS 377

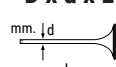




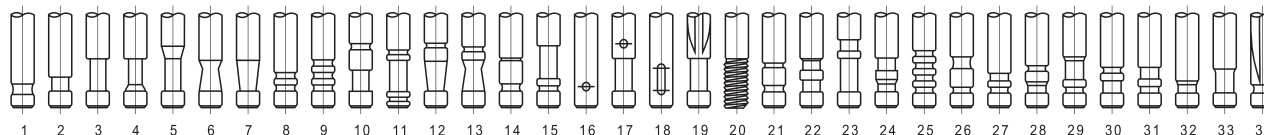
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
NISSAN BENZYNA											
ENG. H30	Fork 3000 President 3000 C 80	66-75	2974 ccm	133 kW (180 PS)	87,2 / 6	IN	PNIS005	13201-F1800 13201-P0500	42,0x8,67x110,2	45	2
		66-75									
		66-75									
ENG. H20	Cabstar 2000 Cedric 2000 Civillian 2000 Clipper 2000 Echo 2000 Gloria 2000	66 →	1982 ccm		87,2 / 4	EX	PNIS006	13202-F5100 13202-P0500	32,0x8,63x110,2	45	2
		66 →									
		66 →									
		66 →									
		66 →									
		66 →									
ENG. Z 24, Z24i	Pathfinder 4x4 (USA) Terrano 4x4 Urvan 720	86 →	2400 ccm	76-79 kW (103/106 PS)	89 / 4	IN	PNIS007	13201-N8501	42,0x8,0x124,4	45	2
		86 →									
		89 →									
		81 →									
ENG. Z 22	720	81 →	2200 ccm	78 kW (105 PS)	87 / 4						
ENG. Z 20	Cherry 2000 Gazelle 2000 Homy 2000 Laurel 2000 Leopard 2000 Silvia 2000 Skyline 2000 Sunny 2000	79 →	1952 ccm	64 kW (87 PS)	85 / 4	EX	PNIS008	13202-N8500	38,0x8,0x125,4	45	2
		79 →									
		79 →									
		79 →									
		79 →									
		79 →									
		79 →									
ENG. GA14DE	Almera I 1.4 Sunny III 1.4i	9/95-7/00	1392 ccm	55-64 kW (75-87 PS)	73,6 / 4	IN	PNIS017	13201-57Y00 13201-2F000	30,0x5,5x92,3	45	1
		10/90-5/95									
ENG. GA14DS	Sunny III 1.4i	10/90-5/95	1392 ccm	55-63 kW (75-86 PS)	73,6 / 4	EX	PNIS018	13202-57Y00	24,0x5,5x92,6	45	1
ENG. GA14S	Sunny II 1.4 LX	10/88-8/91	1392 ccm	55-60 kW (75-82 PS)	73,6 / 4			13202-2F000 13202-53Y00			


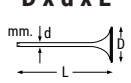




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
NISSAN BENZYNA											
ENG. GA16DS	100 NX 1.6	3/90-10/94	1597 ccm	64-75 kW (87-102 PS)	76 / 4	IN	PNIS017	13201-57Y00 13201-2F000	30,0x5,5x92,3	45	1
	Primera 1.6	6/90-1/96									
	Primera Traveller 1.6i	7/90-3/98									
	Sunny III 1.6i	10/90-5/95									
	Sunny III Traveller 1.6i	6/91-3/00									
ENG. GA16DE	100 NX 1.6 SR	9/93-10/94	1597 ccm	66-88 kW (90-120 PS)	76 / 4	IN	PNIS017	13201-57Y00 13201-2F000	30,0x5,5x92,3	45	1
	Almera I 1.6	9/95-7/00									
	Primera 1.6 16V	6/93-7/02									
	Primera Traveller 1.6i	3/94-3/98									
	Primera Traveller 1.6 16V	4/98-12/01									
	Serena 1.6 16V	2/93-9/01									
	Sunny III 1.6i	10/90-5/95									
	Sunny 1.6i 16V/ 4WD	10/90-5/95									
	Sunny III Traveller 1.6i 16V	6/91-3/00									
	Vanette Cargo 1.6i	1/95 →									
	ENG. GA16DE	100 NX 1.6 SR									
Almera I 1.6		9/95-7/00									
Primera 1.6 16V		6/93-7/02									
Primera Traveller 1.6i		3/94-3/98									
Primera Traveller 1.6 16V		4/98-12/01									
EX		Serena 1.6 16V	2/93-9/01	PNIS019	13202-9F600	25,0x5,5x92,6	45	1			
		Sunny III 1.6i	10/90-5/95								
		Sunny 1.6i 16V/ 4WD	10/90-5/95								
		Sunny III Traveller 1.6i 16V	6/91-3/00								
		Vanette Cargo 1.6i	1/95 →								

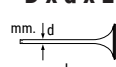




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 		
NISSAN BENZYNA													
ENG. QG18DE	Almera II 1.8	1/00 →	1769 ccm	84-94 kW (114-128 PS)	80 / 4	IN	PNIS017	13201-57Y00	30,0x5,5x92,3	45	1		
	Almera Tino 1.8	8/00 →						13201-2F000					
	Primera 1.8 16V	8/99 →						13202-9F600					
	Primera Traveller 1.8	8/99-12/01											
EN G . M C	Primera 1.6 16V	90 →	1600 ccm		4	IN	PNIS020	13201-71J00	30,0x5,5x92,3	45	1		
								EX				PNIS021	13202-71J00
ENG. K4M 710	Kubistar 1.6i 16V	7/03-6/05	1598 ccm	70-79 kW (95-107 PS)	79,5 / 4	IN	PNIS022	7701471378	32,4x5,5x109,2	45	1		
ENG. K4M 752	Kubistar 1.6i 16V	8/03 →	1598 ccm	70 kW (95 PS)	79,5 / 4								
ENG. K4M	Platina 1.6i 16V	02 →	1598 ccm	70-79 kW (95-107 PS)	79,5 / 4			EX				PNIS023	13201-00QAA
													7701471354
						7701471379							
								28,0x5,5x107,5			1		
								7701473354					
								7701473355					
								13202-00QAA					
ENG. MA10, M10	March 1.0	86-91	987 ccm	37-40 kW (50-54 PS)	68 / 4	IN	PNIS026	13201-01B00	35,0x7,0x109,7	45	2		
	Micra 1.0	12/82-7/92											
ENG. M12S, M12	March 1.2	86-91	1235 ccm	40-44 kW (54-60 PS)	71 / 4	EX	PNIS027	13202-01B00	30,0x7,0x109,4	45	2		
	Micra 1.2	7/86-7/92											
								13202-10B00					
ENG. CG10DE	Micra 1.0i 16V	92-03	998 ccm	40 kW (54 PS)	71 / 4	IN	PNIS028	13201-99B00	27,5x5,5x95,8	45	1		
ENG. CG13DE	Micra 1.3i 16V	92/00	1275 ccm	55 kW (75 PS)	71 / 4								
ENG. CGA3, CGA3DE	Micra 1.4i 16V	00/03	1348 ccm	60 kW (82 PS)	71 / 4								
						EX	PNIS029	13202-99B00	22,5x5,5x95,8	45	1		
								13202-99B10					
ENG. D4F 712	Kubistar 1.2i 16V	7/03 →	1149 ccm	55 kW (75 PS)	69 / 4	IN	PNIS032	7701472986	26,0x5,5x110,9	45	9		
								13201-00QAJ					
						EX	PNIS033	7701473004	22,0x5,5x112,6	45	9		
												8200343412	
												13202-00QAK	


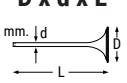




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
NISSAN BENZYNA											
ENG. E13	Cherry II 1,3	8/81-9/82	1270 ccm	44 kW (60 PS)	76 / 4	IN	PNIS042	13201-01M00	37,0x7,0x118,7	45	2
	Cherry III 1,3	5/82-10/86						13202-01M00	30,0x7,0x118,0	45	2
ENG. E15	Pulsar 1,3	81 →	1487 ccm	51-55 kW (69-75 PS)	76 / 4	EX	PNIS043	13201-01M00	37,0x8,0x103,8	45	2
	Sunny 1,3	81 →									
ENG. A14	Langley 1500	81-82	1397 ccm	59 kW (80 PS)	76 / 4	IN	PNIS046	13201-H6200	37,0x8,0x103,8	45	2
	Laurel Sprit	81 →						13202-H6200	30,0x8,0x103,8	45	2
ENG. CA16DE	Liberta 1500	81 →	1598 ccm	74 kW (100 PS)	83 / 4	EX	PNIS047				
	Prairie 1500	81 →						13201-55M10	31,1x6,0x89,1	45	1
ENG. CA18	Pulsar 1500	81-82	1809 ccm	81 kW (110 PS)	84,5 / 4	IN	PNIS058				
	Sunny 1500	81-82						13202-64M10	28,1x6,0x89,3	45	1
ENG. CA20	U.S.A.: Pulsar SE	89 →	1973 ccm	81 kW (110 PS)	84,5 / 4	EX	PNIS059				
	Bluebird 2000, Cedric 2000	83 →						13201-D0200	40,0x7,0x106,8	45	2
ENG. CA18	Auster/Bluebird/ Laurel 1800	81 →	1809 ccm	74 kW (100 PS)	83 / 4	IN	PNIS066				
	Skyline 1800/Stanza 1800	81 →						13202-V0201	35,2x7,0x108,1	45	2
ENG. CA20	Violet 1800	81 →	1973 ccm	81 kW (110 PS)	84,5 / 4	EX	PNIS067				
	Gloria 2000	83 →						13202-D0100	40,0x7,0x106,8	45	2


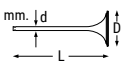




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 	
NISSAN BENZYNA												
ENG. CA20	Prairie Bluebird SD	89-92	1974 ccm	71 kW (96 PS)	84,5 / 4	IN	PNIS068	13201-D2000	41,0x7,0x107,0	45	2	
		86-89					EX	PNIS067	13202-V0201	35,2x7,0x108,1	45	2
ENG. CA18 EGI	Stanza/Violet/Auster 1800 Bluebird/Skyline 1800	81 →	1809 ccm		4			13202-D0100				
		81 →										
ENG. SR20DE (85 kW)	100 NX 2.0 GTI 180 NX 2.0i 16V Almera 2.0i 16V Almera Tino 2.0i 16V Prairie 2.0i 16V Primera 2.0i 16V Pulsar 2.0i 16V Serena 2.0i 16V Sunny 2.0i 16V	8/90-10/93	1998 ccm	85-107 kW (116-145 PS)	86 / 4	IN	PNIS070	13201-70J00	34,0x6,0x101,5	45	1	
		1/91-10/94							13201-1E700			
		4/96-4/00					EX	PNIS071	13202-70J10	30,0x6,0x102,5	45	1
		5/00-1/03							13202-64Y00			
		8/95-11/98										
		7/94-6/99										
		8/95-6/00										
		9/99 → 10/90-9/94										
ENG. SR20Di	Primera 2.0i 16V	6/90-7/94	1998 ccm	85-89 kW (110 PS)	86 / 4							
ENG. SR20DE	Primera 2.0 16V Sunny 2.0 16V	90 →	1998 ccm	150 kW (204 PS)	86 / 4	IN	PNIS070	13201-70J00	34,0x6,0x101,5	45	1	
		90 →					EX	PNIS072	13202-70J00	30,1x7,0x102,5	45	1
ENG. QR20DE	X-Trail 2.0i 16V Primera 2.0i 16V	6/01 →	1998 ccm	103 kW (140 PS)	89 / 4	IN	PNIS073	13201-BH300	35,6x6,0x97,1	45	1	
		1/02 →					EX	PNIS074	13202-6N200	30,7x6,0x98,9	45	1
ENG. QR25DE	X-Trail 2.5i 16V	6/01 →	2488 ccm	121-124 kW (161-165 PS)	89 / 4							
ENG. KA24E	U.S.A.: Stanza 12V Pick-Up 240 SX				4	IN	PNIS081	13201-40F00	34,1x7,0x121,3	45	1	
						EX	PNIS082	13201-40F10 13202-40F01 13202-40F00	40,1x8,0x122,3	45	1	


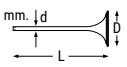




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
NISSAN BENZYNA											
ENG. F4R 720	Primastar 2.0i 16V	2/03 →	1998 ccm	88 kW (120 PS)	82,7 / 4	IN	PNIS097	7701471279	33,4x5,5x110,0	45	1
ENG. F4R 722	Primastar 2.0i 16V	2/03 →	1998 ccm	88 kW (120 PS)	82,7 / 4	EX	PNIS098	7701474287 4411048 93160645 13201-00QAE 7701473101 7701471280 7701474286 7701478130 4411049 93160646 13202-00QAE	28,9x5,5x108,9	45	1
ENG. GA14DE	Almera I 1.4i 16V Sunny III 1.4i 16V	9/95-7/00 10/90-5/95	1392 ccm	55-64 kW (75-87 PS)	73,6 / 4	IN EX	PNIS125 PNIS018	13201-4M500 13202-57Y00 13202-2F000 13202-53Y00	29,0x5,5x92,2 24,0x5,5x92,6	45 45	1 1
ENG. MR20DE	Qashqai 2.0i 16V X-Trail 2.0i 16V Sentra 2.0i 16V	06 → 08 → 07 →	1997 ccm	103 kW (140 PS)	84 / 4	IN EX	PNIS127 PNIS128	13201-EN20A 13201-EN20B 13202-EN200 13202-EN20B	34,0x5,5x106,3 27,7x5,5x105,2	45 45	1 1
ENG. HR16DE	Cube 1.6i 16V Dualis 1.6i 16V March 1.6i 16V Micra 1.6i 16V Note 1.6i 16V Qashqai 1.6i 16V Tiida 1.6i 16V	11/08 → 11/06 → 7/05 → 6/05 → 1/06 → 12/06 → 2/07 →	1598 ccm	81-84 kW (110-115 PS)	78 / 4	IN EX	PNIS129 PNIS130	13201-ED00A 13201-ED00C 13201-ED000 13202-ED00A 13202-ED00C 13202-ED000	31,2x5,0x101,7 25,5x5,0x102,5	45 45	1 1


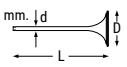




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
NISSAN BENZYNA											
ENG. D7F 722, 726	Kubistar 1.2i	7/03 →	1149 ccm	43-44 kW (58-60 PS)	69 / 4	IN	PNIS131	7701469266 13201-00QAG	32,8x6,0x106,8	30	1
						EX	PNIS132	7701469269 13202-00QAH	29,9x6,0x106,8	45	1
ENG. JN	Santana 1.8	1/84-12/94	1781 ccm	66 kW (90 PS)	81 / 4	IN	PNIS135	035109601H 035109601G	38,0x8,0x91,0	45	9
						IN	PNIS138	035109601J 035109601K	38,0x8,0x91,9	45	9
						IN	PNIS133	035109601C 035109601D 035109601F 035109603	38,0x8,0x98,7	45	9
						IN	PNIS139	026109601C 026109601F 026109601A	40,0x8,0x90,9	45	9
						EX	PNIS137	053109611 048109611A	33,2x8,0x91,2	45	9
						EX	PNIS136	026109611A	33,2x8,0x90,8	45	9
						EX	PNIS134	035109611F 035109611H	33,2x8,0x98,5	45	9
						IN	PNIS138	035109601J 035109601K	38,0x8,0x91,9	45	9
						EX	PNIS137	053109611 048109611A	33,2x8,0x91,2	45	9
						ENG. JL	Santana 2.0i	1/84-1/87	1994 ccm	77-81 kW (105-110 PS)	81 / 5
EX	PNIS137	053109611 048109611A	33,2x8,0x91,2	45	9						


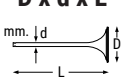




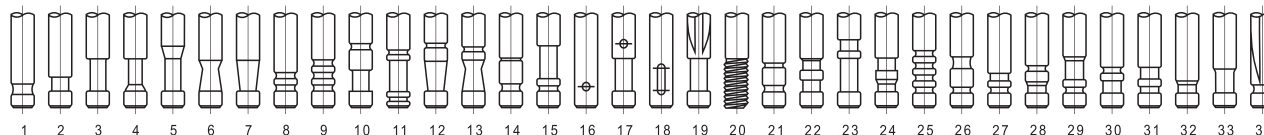
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
NISSAN DIESEL											
ENG. CD17	Cherry 1.7 D	10/82-5/86	1681 ccm	40-45 kW (54-61 PS)	80 / 4	IN	PNIS001	13201-16A00	36,0x7,0x100,9	45	32
	Langley 1.7 D	83 →				EX	PNIS002	13202-16A00	31,0x7,0x100,9	45	32
	Pulsar 1.7 D	4/82-8/90									
	Sunny 1.7 D	3/82-4/98									
ENG. Cd20	Almera 2.0 D	7/95-4/00	1974 ccm	55 kW (75 PS)	84,5 / 4	IN	PNIS003	13201-57J02	39,0x7,0x100,8	45	32
	Primera 2.0 D	7/90-12/01				IN	PNIS099	13201-60J02	39,0x7,0x99,7	45	32
	Serena 2.0 D	6/91-8/93									
	Sunny 2.0 D	10/90-3/00				EX	PNIS004	13202-57J02	32,0x7,0x100,6	45	32
ENG. CD20T	Almera/Primera 2.0 TD	96 →	1974 ccm	66 kW (90 PS)	84,5 / 4	EX	PNIS100	13202-60J02	32,0x7,0x99,6	45	32
ENG. RD28Ti	Patrol GR 2.8 TD	10/97-02/00	2825 ccm	96 kW (130 PS)	85 / 6	IN	PNIS009	13201-0Y000 13201-22J10 13201-22J11	39,0x7,0x101,8	45	32
						EX	PNIS010	13202-4P400 13202-40L01 13202-40L00			
ENG. RD28T	Civillian 2.8 TD Patrol 2.8 TD Patrol GR 2.8 TD	4/89-5/98 9/88-9/97	2825 ccm	85 kW (115 PS)	85 / 6	IN	PNIS009	13201-0Y000 13201-22J10 13201-22J11	39,0x7,0x102,8	45	2
						IN	PNIS109	13201-0Y010 13201-22J00 13201-22J01 13201-22300 13201-22301			
						EX	PNIS010	13202-4P400 13202-40L01 13202-40L00	32,0x7,0x101,6	45	32
						EX	PNIS110	13202-V7202 13202-V7203 13202-4P410	32,0x7,0x102,6	45	2

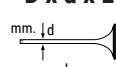




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
NISSAN DIESEL											
EN G. LD 20	Bluebird	80 →	1952 ccm	49 kW (64 PS)	85 / 4	IN	PNIS011	13201-05E00	39,3x8,0x118,2	45	1
		82 →						13202-23E00	32,0x8,0x118,2	45	1
ENG. Td27	Fargo 2.7 D Pickup 2.7 D Terrano I 2.7 D Urvan 2.7 D	8/95 →	2664 ccm	62-73 kW (85-99 PS)	96 / 4	IN	PNIS013	13201-G2403	43,5x8,0x117,0	45	1
		8/87-1/97						13201-43G01			
ENG. TD27T	Cabstar 2.7 TD Patrol 2.7 TD Terrano I, II 2.7 TD Pathfinder 2.7 TD	8/87-11/95	2664 ccm	66-74 kW (90-101 PS)	96 / 4	EX	PNIS014	1952666	38,0x8,0x117,0	45	1
		11/86-6/97						13202-G2403			
ENG. TD27T	Patrol 2.7 TD	3/99-10/06	2664 ccm	66-74 kW (90-101 PS)	96 / 4			13202-31N01			
ENG. TD27T	Patrol 2.7 TD	5/98-12/05	2664 ccm	66-74 kW (90-101 PS)	96 / 4			1962501			
ENG. TD27T	Patrol 2.7 TD	2/89-2/02	2664 ccm	66-74 kW (90-101 PS)	96 / 4						
ENG. TD27Ti Euro 2	Terrano II 2.7 TDi	1/96-3/06	2664 ccm	92 kW (125 PS)	96 / 4						
ENG. BD30	Trade 3.0 D	94-98			96 / 4						
ENG. BD30TI	Trade 3.0 TDI Alteon 110.35/56 3.0 TDI Alteon 120.35/56 3.0 TDI Cabstar E 110.35/45 3.0 TDI Cabstar E 120.35/45 3.0 TDI	96-98	2953 ccm		96 / 4						
		00 →									
		00 →									
		98 →									
		98 →									
ENG. TD42T	Patrol 4.2 TD Intercooler	97 →	4169 ccm		96 / 6						
EN G. TUD 5	March 1.5 D Micra 1.5 D	3/92-97	1527 ccm	40-42 kW (54-57 PS)	77 / 4	IN	PNIS015	96150145	37,0x7,0x108,4	45	1
		2/98-10/02						0948.74			
						EX	PNIS016	0948.A8			
								13201-6F900			
								96150144	31,5x7,0x108,2	45	1
								0949.80			
								13202-6F900			


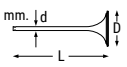




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
NISSAN DIESEL											
ENG. F9Q 760	Primastar 1.9 dCi	7/02-4/03	1870 ccm	74 kW (101 PS)	80 / 4	IN	PNIS024	7700110386	35,3x7,0x110,9	45	1
ENG. F9Q 762	Primastar 1.9 dCi	7/02-4/03	1870 ccm	60 kW (82 PS)	80 / 4			7700110387			
ENG. F9Q 770	Interstar 1.9 DTi	4/02-10/03	1870 ccm	58 kW (79 PS)	80 / 4			7701471702			
ENG. F9Q 772	Interstar 1.9 dCi	10/03 →	1870 ccm	60 kW (82 PS)	80 / 4			7701476024			
ENG. F9Q 780	Interstar 1.9 DTi	7/02-10/03	1870 ccm	59 kW (80 PS)	80 / 4			7701470251			
ENG. F9Q 800	Primera 1.9 dCi	1/03 →	1870 ccm	88 kW (120 PS)	80 / 4			8200828299			
ENG. F9Q 774	Interstar 1.9 dCi	10/03 →	1870 ccm	58-60 kW (79-82 PS)	80 / 4			13201-AW300 13201-00QAC 13201-00QAM MW30620685 30889401 4402633 4415921			
						EX	PNIS025	7700110388	32,6x7,0x110,7	45	1
								7700110389			
								7701471703			
								7701476025			
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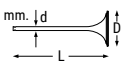




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
NISSAN DIESEL											
ENG. K9K 750	Almera 1.5 dCi	10/02-11/06	1461 ccm	60-65 kW (82-88 PS)	76 / 4	IN	PNIS095	7701473184	33,5x6,0x101,0	45	9
	March, Micra 1.5 dCi	2/03 →						7701476573			
ENG. K9K 702	Kubistar 1.5 dCi	9/03 →	1461 ccm	60-62 kW (82-85 PS)	76 / 4	EX	PNIS096	13201-BN700	29,0x6,0x100,7	45	9
ENG. K9K 704	Kubistar 1.5 dCi	8/03 →	1461 ccm	48-50 kW (65-68 PS)	76 / 4			13201-00QAN			
	March, 1.5 dCi	2/03 →						7701473183			
ENG. K9K 722	Almera 1.5 dCi	1/03-11/06	1461 ccm	60-63 kW (82-86 PS)	76 / 4			7701476572			
	Kubistar 1.5 dCi	8/03 →						13202-BN700			
	Micra 1.5 dCi	2/03 →						13202-00QAP			
ENG. K9K 700	Kubistar 1.5 dCi	9/03 →	1461 ccm	48-50 kW (65-68 PS)	76 / 4			EX			
	March, 1.5 dCi	2/03 →				PNIS102	13202-V0701		32,0x8,0x117,0	45	2
ENG. K9K , K9K.A7/B7	Note, Qashqai 1.5 dCi	06 →	1461 ccm		76 / 4	EX	PNIS103	13201-00QAD	30,7x6,0x123,2	45	9
	Tiida 1.5 dCi	07 →									
	Kubistar 1.5 dCi	03 →									
ENG. LD20	Bluebird 2.0 D	84-90	1952 ccm	47 kW (63 PS)	84,5 / 6	IN	PNIS103	13201-00QAD	30,7x6,0x123,2	45	9
	Cherry/Homy/Laurel 2000	80 →									
	Serena 2.0 D	92 →									
	Skyline/Sunny 2000	80 →									
	Vanette 2000	95 →									
ENG. LD28	Cedric/Gloria/Skyline 2800	80 →	2792 ccm		85 / 4	EX	PNIS104	13202-00QAD	29,5x6,0x123,0	45	9
ENG. G9T 720, G9T 750, G9T 722	Interstar 2.2 dCi 16V	7/02 →	2188 ccm	66 kW (90 PS)	87 / 4	EX	PNIS104	7701472669	29,5x6,0x123,0	45	9
ENG. G9U 630 Euro 4	Primastar 2.5 dCi 16V	7/06 →	2463 ccm	107 kW (145 PS)	89 / 4			4506083			
ENG. G9U 632 Euro 4	Interstar 2.5 dCi 16V	7/06 →	2463 ccm	88-107 kW (120-145 PS)	89 / 4			13202-00QAD			
ENG. G9U 650 Euro 4	Interstar 2.5 dCi 16V	10/03 →	2463 ccm	74-88 kW (101-120 PS)	89 / 4			7701472670			
ENG. G9U 720 Euro 3	Interstar 2.5 dCi 16V	7/02 →	2463 ccm	73-84 kW (99-115 PS)	89 / 4			4506084			
ENG. G9U 730 Euro 3	Primastar 2.5 dCi 16V	9/03-7/06	2463 ccm	99 kW (135 PS)	89 / 4						


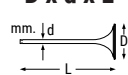




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
NISSAN DIESEL																
ENG. G9U.A7, G9U.B7	Interstar 2.5 dCi 16V	02 →	2463 ccm		89 / 4	IN	PNIS103	13201-00QAD	30,7x6,0x123,2	45	9					
	Primastar 2.5 dCi 16V	03 →						7701472669								
ENG. G9T 700, G9T 710	Interstar 2.2 dCi 16V	02 →	2188 ccm	66 kW (90 PS)	89 / 4	EX	PNIS104	13202-00QAD	29,5x6,0x123,0	45	9					
								7701472670				4506083	4506084			
ENG. SD25	Atlas	83 →	2488 ccm	57 kW (77 PS)	89 / 4	IN	PNIS105	13201-L2000	40,0x8,0x117,0	45	1					
		83 →						EX				PNIS106	13202-L2000	34,0x8,0x117,0	45	1
		83 →														
ENG. SD23	Atlas	83 →	2289 ccm	54 kW (73 PS)	83 / 4											
		83 →														
		83 →														
ENG. LD23 Euro 2	Cabstar 2.3 D	3/99-10/06	2283 ccm	55 kW (75 PS)	84,5 / 4	IN	PNIS107	13201-90600	41,4x8,0x118,0	37	2					
		9/94-11/01						EX				PNIS108	13201-9C600	33,0x8,0x117,8	45	2
		98-01											13202-90601	13202-9C601		
ENG. B4.40/A/II/Ti	Atleon 70.14-75.14	04 →	3989 ccm		100 / 4	IN	PNIS123	13201-9X700	44,9x9,5x123,1	30	9					
		00 →						EX				PNIS124	13202-9X700	38,9x9,5x123,4	45	9
		93 →														
		90 →														
		93 →														
T135 4.0 D			3989 ccm		100 / 4											



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
NISSAN DIESEL												
ENG. B6.60/A/II/Ti/TII	Atleon 166 6.0 TD	04 →	5985 ccm		100 / 6	IN	PNIS123	13201-9X700	44,9x9,5x123,1	30	9	
	Atleon 166.75 6.0 TD	00 →				EX	PNIS124	13202-9X700	38,9x9,5x123,4	45	9	
	L80/110.14/ M110/125.14 6.0 D	90-93										
	M90/110.150/ M130/140.1560/ /M160.200 6.0 TD	93 →										
ENG. CY	Santana 1.6 TD	1/84-1/87	1588 ccm	51 kW (70 PS)	76,5 / 4	IN	PNIS140	068109601C	34,0x8,0x104,9	45	9	
						EX	PNIS141	068109601D				
								068109611C				
								068109611D				
								072109611				
								1328089-6				
								1328148				
								1389262-5				
		9135927										
			IN	PNIS142	068109601L	34,0x8,0x95,1	45	9				
						068109601M						
						068109601N						
						EX	PNIS143	068109611L	31,2x8,0x95,0	45	9	
								068109611M				


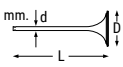




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
NISSAN DIESEL											
ENG. M9T 696	NV400 Autobus (X62, X62B) dCi 140	06/14 - 09/16	2299 ccm	92 kW (125 PS)	4	IN EX	PNIS144 PNIS145	7701476596 7701476595	27,7x6,0x103,9 26,0x6,0x103,8	45 45	9 9
	NV400 Furgon (X62, X62B) dCi 140 RWD	06/14 - 09/16									
	NV400 Furgon (X62, X62B) 2.3 dCi 145 RWD	11/11 - 02/14									
	NV400 platforma / podwozie (X62, X62B) dCi 140 RWD	06/14 - 06/16									
	NV400 platforma / podwozie (X62, X62B) dCi 145 RWD	11/11 - 06/16									
ENG. M9T 880	NV400 Autobus (X62, X62B) dCi 150	02/14 - 09/16	2299 ccm	110 kW (150 PS)	4						
	NV400 Furgon (X62, X62B) 2.3 dCi 150	02/14 - 09/16									
	NV400 Furgon (X62, X62B) dCi 150 RWD	02/14 - 09/16									
	NV400 platforma / podwozie (X62, X62B) dCi 150	08/14 - 06/16									
	NV400 platforma / podwozie (X62, X62B) dCi 150 RWD	08/14 - 06/16									
ENG. M9T 896	NV400 Furgon (X62, X62B) dCi 125 RWD	11/11 - 09/16	2299 ccm	92 kW (125 PS)	4						
	NV400 platforma / podwozie (X62, X62B) dCi 125 RWD	11/11 - 06/16									
OM (OFFICINE MECCANICHE) → FIAT/IVECO 121											


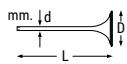




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. C 12 NZ, 12 NZ, X 12 SZ	Combo 1.2i	9/94-10/01	1196 ccm	33 kW (45 PS)	72 / 4	IN	POPE001	641002	33,0x7,0x104,6	45	1
	Corsa A 1.2i	9/90-8/94						90323519			
	Corsa B 1.2i	9/94-8/00	1389 ccm	53-55 kW (72-75 PS)	77,6 / 4	EX	POPE002	641302	29,0x7,0x104,6	45	1
	Nova 1.2i	9/90-9/94						90323524			
ENG. 14 NV	Astra F 1.4	9/91-9/93	1389 ccm	40-44 kW (54-60 PS)	77,6 / 4						
	Astra Mk II 1.4	1/90-8/91									
	Astra Mk III 1.4	9/91-9/93									
	Belmont 1.4	90-91									
	Cavalier III 1.4	9/88-11/95									
	Corsa A 1.4	1/90-8/94									
	Kadett E 1.4	1/90-8/91									
	Nova 1.4	1/90-8/94									
	Vectra A 1.4	9/88-9/92									
ENG. C 14 NZ	Astra F 1.4i	9/91-2/98	1389 ccm	44 kW (60 PS)	77,6 / 4						
	Astra Mk II 1.4i	1/90-8/91									
	Astra Mk III 1.4i	9/91-2/98									
	Belmont 1.4i	9/90-12/91									
	Combo 1.4i	9/94-10/01									
	Corsa A 1.4i	1/90-8/94									
	Corsa B 1.4i	9/94-8/00									
	Kadett E 1.4i	1/90-8/91									
	Nova 1.4i	1/90-8/94									
ENG. X 14 NZ	Astra F 1.4i	9/97-2/98	1389 ccm	44 kW (60 PS)	77,6 / 4						
	Astra Classic 1.4i	9/97-8/00									
	Astra Mk III 1.4i	9/97-2/98									
	Corsa B 1.4i	3/96-9/00									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. C 14 SEL	Combo 1.4i 16V	8/99-10/01	1389 ccm	60-66 kW (82-90 PS)	77,6 / 4	IN	POPE003	641034	31,0x6,0x103,1	45	9
	Corsa B 1.4i 16V	3/98-8/00						641061			
	Tigra 1.4i 16V	9/94-8/99						641080			
ENG. X 14 XE	Astra F 1.4i 16V	4/96-2/98	1389 ccm	66 kW (90 PS)	77,6 / 4	EX	POPE004	90412712	27,5x6,0x102,2	45	9
	Astra G 1.4i 16V	9/97-9/00						90412912			
	Astra Mk III 1.4i 16V	4/96-2/98						641340			
	Astra Mk IV 1.4i 16V	9/97-9/00						641375			
	Combo 1.4i 16V	8/99-10/01						641394			
	Corsa B 1.4i 16V	9/94-8/99						24463778			
	Tigra 1.4i 16V	9/94-8/99						55354874			
ENG. Z 14 XE	Astra G 1.4i 16V	9/00-9/04	1389 ccm	66 kW (90 PS)	77,6 / 4			90412974			
	Astra Mk IV 1.4i 16V	9/97 →									
	Corsa C 1.4i 16V	9/00-8/03									
ENG. C 16 SEL	Astra G 1.6i 16V	9/98-6/04	1598 ccm	74 kW (100 PS)	79 / 4						
	Astra Mk IV 1.6i 16V	9/98 →									
	Corsa B 1.6i 16V	6/98-8/00									
	Tigra 1.6i 16V	8/97-8/98									
ENG. C 16 XE	Corsa B 1.6i 16V	9/94-8/00	1598 ccm	80 kW (109 PS)	79 / 4						
ENG. X 16 XE	Corsa B 1.6i 16V	9/94-8/99	1598 ccm	78 kW (106 PS)	79 / 4						
	Tigra 1.6i 16V	9/94-8/99									
ENG. Y 16 XE	Vectra B 1.6i 16V	9/99-9/02	1598 ccm	74 kW (101 PS)	79 / 4						
ENG. Z 16 YNG KAT (Gas)	Astra G 1.6i 16V (Gas)	9/02-6/04	1598 ccm	71 kW (97 PS)	79 / 4						
	Astra Mk IV 1.6i 16V (Gas)	9/01 →									
	Corsa C 1.6i 16V (Gas)	1/02 →									
	Zafira A 1.6i 16V (Gas)	9/01 →									
	Zafira B 1.6i 16V (Gas)	3/05 →									
	Zafira Mk I 1.6i 16V (Gas)	9/01 →									
	Zafira Mk II 1.6i 16V (Gas)	8/05 →									


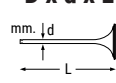



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. X 16 XEL	Astra F 1.6i 16V	8/94-9/98	1598 ccm	74 kW (100 PS)	79 / 4	IN	POPE003	641034	31,0x6,0x103,1	45	9
	Astra G 1.6i 16V	9/98-8/00						641061			
	Astra Classic 1.6i 16V	9/97-8/00						641080			
	Astra Mk III 1.6i 16V	9/94-2/98						90412712			
	Astra Mk IV 1.6i 16V	9/97-8/00						90412912			
	Vectra B 1.6i 16V	9/95-8/00						55557862			
	Zafira A 1.6i 16V	3/99-8/99						24433078			
	Zafira Mk I 1.6i 16V	9/98-8/99						642011			
ENG. Z 16 XE	Astra G 1.6i 16V	9/00-6/04	1598 ccm	74 kW (100 PS)	79/ 4	EX	POPE004	642078	27,5x6,0x102,2	45	9
	Astra Mk IV 1.6i 16V	9/00 →						641340			
	Meriva A 1.6i 16V	3/03-2/06						641375			
	Vectra B 1.6i 16V	9/00-9/02						641394			
	Vectra C 1.6i 16V	9/01 →						24463778			
	Zafira A 1.6i 16V	9/99-7/05						55354874			
	Zafira Mk I 1.6i 16V	9/99-7/05						90412974			
								71739797			
								55558728			
								24433079			
								641379			
								641401			
ENG. C 25 XE	Calibra 2.5i 24V	4/93-3/97	2498 ccm	125 kW (170 PS)	81,6 / 6	IN	POPE005	641022	32,0x6,0x102,1	45	9
	Cavalier III 2.5i 24V	2/93-11/95						90412277			
	Vectra A 2.5i 24V	9/95-9/00						4500849			
ENG. X 25 XE	Calibra 2.5i 24V	4/93-3/97	2498 ccm	125 kW (170 PS)	81,6 / 6	EX	POPE006	641325	29,0x6,0x92,2	45	9
	Omega B 2.5i 24V	4/94-11/00						90410813			
	Vectra B 2.5i 24V	4/96-2/98						4500864			
	Vectra B 500 2.5i 24V	5/98-9/00									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEL / VAUXHALL BENZYNA											
ENG. C 18 XE	Astra F 1.8i 16V	9/93-2/98	1796 ccm	92 kW (125 PS)	81,6 / 4	IN	POPE005	641022	32,0x6,0x102,1	45	9
	Astra Mk III 1.8i 16V	9/94-2/98		90412277							
ENG. C 18 XEL	Astra F 1.8i 16V	9/94-2/98	1796 ccm	85 kW (116 PS)	81,6 / 4	EX	POPE006	4500849	29,0x6,0x92,2	45	9
	Astra Mk III 1.8i 16V	9/94-2/98		641325							
ENG. X 18 XE	Astra F 1.8i 16V	9/95-8/97	1796 ccm	85 kW (116 PS)	81,6 / 4			90410813			
	Astra Mk III 1.8i 16V	9/95-8/97		4500864							
	Vectra B 1.8i 16V	9/95-8/00									
ENG. Y 26 SE	Omega B 2.6i 24V	9/00-9/03	2597 ccm	125 kW (170 PS)	83,2 / 6						
	Vectra B 2.6i 24V	9/00-9/02									
ENG. C 18 SEL	Astra F 1.8i 16V	9/95-8/97	1796 ccm	85 kW (116 PS)	84,8 / 4						
	Astra Mk III 1.8i 16V	9/95-8/97									
ENG. X 20 XEV	Astra F/G 2.0i 16V	1/95-6/04	1998 ccm	100 kW (136 PS)	86 / 4						
	Astra Mk III 2.0i 16V	1/95-2/98									
	Astra Mk IV 2.0i 16V	9/97 →									
	Calibra 2.0i 16V	9/93-3/97									
	Cavalier III 2.0i 16V	9/93-11/95									
	Omega B 2.0i 16V	9/93-8/99									
	Vectra A 2.0i 16V	11/93-8/95									
	Vectra B 2.0i 16V	9/95-8/01									
	Zafira A 2.0i 16V	2/99-7/05									
	Zafira Mk I 2.0i 16V	2/99-7/05									
ENG. X 30 XE	Omega B 3.0i 24V	4/94-2/01	2962 ccm	148 kW (201 PS)	86 / 6						
	Signum 3.0i 24V	8/05 →									
	Sintra 3.0i 24V	9/96-9/99									
ENG. X 22 XE	Frontera A 2.2i 16V	2/95-8/98	2198 ccm	104 kW (141 PS)	86 / 4						
	Signum 2.2i 16V	3/98-8/00									
	Sintra 2.2i 16V	9/96-9/99									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. Y 22 SE	Frontera B 2.2i 16V	9/00 →	2198 ccm	100 kW (136 PS)	86 / 4	IN	POPE005	641022	32,0x6,0x102,1	45	9
ENG. Y 22 XE	Omega B 2.2i 16V	9/99-9/03	1998 ccm	106 kW (144 PS)	86 / 4	EX	POPE006	90412277	29,0x6,0x92,2	45	9
ENG. Z 22 XE	Omega B 2.2i 16V Signum 2.2i 16V	9/00-9/03 9/94-8/99	2198 ccm	106 kW (144 PS)	86 / 4			641325			
ENG. Y 32 SE	Omega B 3.2i 24V	9/00-9/03	3175 ccm	160 kW (218 PS)	87,5 / 6			90410813			
ENG. Z 32 SE	Signum 3.2i 24V Vectra C 3.2i 24V	5/03 → 8/02 →	3175 ccm	155 kW (211 PS)	87,5 / 6			4500864			
ENG. Z 24 XE	Antara 2.4i 16V	11/06 →	2405 ccm	100-103 kW (136-140 PS)	87,5 / 4						
ENG. 20 XE	Kadett E 2.0i 16V Belmont 2.0i 16V Cavalier III 2.0i 16V	3/88-8/91 88-93 90-11/95	1998 ccm	110-115 kW (150-156 PS)	86 / 4	IN	POPE007	642758 90322694	33,0x7,0x104,9	45	9
ENG. C 20 LET	Calibra 2.0i Turbo 16V Vectra A 2.0i Turbo 16V Cavalier III 2.0i Turbo 16V	3/92-3/97	1998 ccm	150 kW (204 PS)	86 / 4	EX	POPE008	642858 90322697	29,0x7,0x105,0	45	9
		9/92-8/95									
		9/92-8/95									
ENG. C 20 XE	Astra F 2.0i 16V Astra Mk II/III 2.0i 16V Belmont 2.0i 16V Calibra 2.0i 16V Cavalier III 2.0i 16V Kadett E 2.0i 16V Vectra A 2.0i 16V	9/91-2/98 5/88-2/98 91 → 6/90-3/97 90-95 3/88-8/91 9/89-8/95	1998 ccm	110 kW (150 PS)	86 / 4						


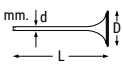




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
PEPEL / VAUXHALL BENZYNA												
ENG. X 10 XE	Corsa B 1.0i 12V	9/96-8/99	973 ccm	40 kW (54 PS)	72,5 / 3	IN	POPE011	641045	28,0x5,0x93,85	45	9	
ENG. Z 10 XE	Agila A 1.0i 12V	9/99-8/03	973 ccm	43 kW (58 PS)	72,5 / 3			641051				
	Corsa C 1.0i 12V	9/00-8/03						641052				
ENG. X 12 XE	Astra G 1.2i 16V	9/97-9/03	1199 ccm	48 kW (65 PS)	72,5 / 4			641094				
	Astra Mk IV 1.2i 16V	9/97-8/00						55568831				
	Corsa B 1.2i 16V	9/97-8/00						55570170				
ENG. Z 12 XE	Agila A 1.2i 16V	9/99-6/04	1199 ccm	55 kW (75 PS)	72,5 / 4	EX	POPE012	9158477	25,0x5,0x93,85	45	9	
	Astra G 1.2i 16V	9/00-9/03										90529527
	Astra Mk IV 1.2i 16V	9/97 →										641364
	Corsa C 1.2i 16V	9/00-6/04										641354
ENG. Z 12 XEP	Agila A 1.2i 16V	7/04-9/07	1229 ccm	159 kW (80 PS)	73,4 / 4			641365				
	Agila A 1.2i Twinport 16V	7/04-9/07						641095				
	Astra H 1.2i 16V	3/04 →						55565339				
	Astra Mk V 1.2i 16V	4/05 →						55567797				
	Corsa C 1.2i 16V	9/00 →						55568832				
	Corsa D 1.2i 16V	7/06 →						55570171				
ENG. Z 14 XEL	Astra H 1.4i 16V	9/04 →	1364 ccm	55 kW (75 PS)	73,4 / 4			90529529				
	Astra Mk V 1.4i 16V	9/04 →						9158474				
ENG. Z 14 XEP	Astra G 1.4i 16V	9/03-3/04	1364 ccm	66 kW (90 PS)	73,4 / 4							
	Astra H 1.4i 16V	3/04 →										
	Astra Mk V 1.4i 16V	3/04 →										
	Combo 1.4i 16V	9/04 →										
	Corsa C 1.4i 16V	9/03 →										
	Corsa D 1.4i 16V	9/06 →										
	Meriva A 1.4i 16V	9/04 →										
	Tigra B 1.4i 16V	9/04 →										



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. Z 10 XEP	Agila A 1.0i 12V	9/03-9/07	998 ccm	44 kW (60 PS)	73,4 / 3	IN	POPE011	641045	28,0x5,0x93,85	45	9
	Agila A 1.0i Twinport 12V	9/03-9/07						641051			
	Corsa C 1.0i 12V	9/03 →						641052			
	Corsa D 1.0i 12V	9/06 →						641094			
ENG. A 12 XER Euro 5	Corsa D 1.2i 16V	6/10 →	1229 ccm	63 kW (86 PS)	73,4 / 4			55568831			
ENG. A 14 XER	Astra J 1.4i 16V	11/09 →	1364 ccm	74 kW (101 PS)	73,4 / 4	EX	POPE012	55570170	25,0x5,0x93,85	45	9
	Corsa D 1.4i 16V	1/10 →						9158477			
	Meriva B 1.4i 16V	5/10 →						90529527			
	Astra Mk VI 1.4i 16V	11/09 →						641364			
ENG. A 10 XEP Euro 5	Corsa D 1.0i 12V		998 ccm	44 kW (60 PS)	73,4 / 3			641354			
								641365			
								641095			
								55565339			
								55567797			
								55568832			
								55570171			
90529529											
9158474											
ENG. C 14 SE	Astra F 1.4i	3/92-2/98	1389 ccm	60 kW (82 PS)	77,6 / 4	IN	POPE015	641015	38,0x7,0x104,6	45	1
	Astra Mk III 1.4i	3/92-2/98						90409992			
	Corsa A 1.4i	9/91-8/94						641317			
	Corsa B 1.4i	9/94-8/00									
	Combo 1.4i	9/94-10/01									
Nova 1.4i	9/91-8/94	90409996									
ENG. 14 SE	Astra F 1.4i	3/92-2/98	1389 ccm	60 kW (82 PS)	77,6 / 4						
	Astra Mk III 1.4i	3/92-2/98									
ENG. X 14 SZ	Combo 1.4i	9/96-10/01	1389 ccm	44 kW (60 PS)	77,6 / 4						
	Corsa B 1.4i	3/96-9/00									


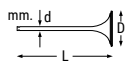




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
PEL / VAUXHALL BENZYNA												
ENG. 13 N, 13 NB	Ascona B 1.3	3/79-8/81	1297 ccm	44 kW (60 PS)	75 / 4	IN	POPE017	642763	33,0x7,0x104,5	45	1	
	Ascona C 1.3	9/81-8/86						90106098				
	Astra Mk II 1.3	9/84-8/91						642890				90106086
	Cavalier I 1.3	8/77-8/81										
	Cavalier II 1.3	9/81-8/88										
	Chevette 1.3	3/75-12/85										
	Combo 1.3	86-89										
	Corsa A 1.3	3/86-10/89										
	Kadett D 1.3	8/79-8/84										
	Kadett E 1.3	9/84-8/91										
	Manta B 1.3	3/79-12/80										
	Nova 1.3	9/85-10/89										
ENG. 13 SB	Corsa A 1.3	9/82-8/94	1297 ccm	51 kW (70 PS)	75 / 4							
	Nova 1.3	5/83-9/94										
ENG. 13 S	Ascona B 1.3	3/79-8/81	1297 ccm	50-55 kW (68-75 PS)	75 / 4							
	Ascona C 1.3	9/81-8/88										
	Astra Mk I 1.3	9/79-8/84										
	Astra Mk II 1.3	9/84-8/87										
	Belmont 1.3	9/85-9/93										
	Cavalier II 1.3	9/81-8/88										
	Chevette 1.3	3/75-12/85										
	Combo 1.3	86-89										
	Corsa A 1.3	9/82-2/93										
	Kadett D 1.3	8/79-8/84										
	Kadett E 1.3	9/84-8/91										
	Manta B 1.3	8/79-8/86										
Nova 1.3	5/83-8/94											


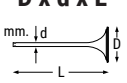


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. C 13 N	Astra Mk II 1.3i	9/85-8/91	1297 ccm	44 kW (60 PS)	75 / 4	IN	POPE017	642763	33,0x7,0x104,5	45	1
	Corsa A 1.3i	9/85-12/92						90106098			
	Kadett E 1.3i	9/96-10/01	1196 ccm	37-43 kW (50-58 PS)	77,8 / 4	EX	POPE018	642890	29,0x7,0x104,5	45	1
	Nova 1.3i	5/89-8/94						90106086			
ENG. 12 ST	Corsa A 1.2	9/82-8/94	1196 ccm	40 kW (54 PS)	77,8 / 4						
	Kadett D 1.2	8/82-8/84									
	Kadett E 1.2	9/84-8/88									
	Nova 1.2	9/86-12/90									
ENG. 12 NV	Corsa A 1.2	9/86-8/94	1196 ccm	44 kW (60 PS)	79 / 4						
ENG. 12 S OHV, 12 S OHC	Nova 1.2	9/86-8/94									
	Ascona A 1.2	4/72-8/75									
	Ascona B 1.2	9/75-2/79									
	Astra Mk I 1.2	2/82-8/84									
	Astra Mk II 1.2	9/84-8/91									
	Corsa A 1.2	9/86-2/93									
	Kadett B 1.2	8/71-8/73									
	Kadett C 1.2	8/79-8/84									
	Kadett D 1.2	8/79-7/86									
	Kadett E 1.2	9/84-8/88									
Manta A 1.2	4/72-8/75										
Manta B 1.2	9/75-8/81										
Nova 1.2	9/86-8/94										
ENG. 16 SV	Ascona C 1.6	9/86-8/88	1598 ccm	60 kW (82 PS)	79 / 4	IN	POPE019	642679	38,0x7,0x101,1	45	1
	Astra Mk II 1.6	9/84-12/91						90232973			
	Belmont 1.6	9/85-9/93						90295011			
	Cavalier II 1.6	9/88-11/95						642854			
	Kadett E 1.6	9/86-8/91						642911			
	Vectra A 1.6	9/88-8/95						90232977			
								90295015			


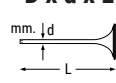




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. X 16 SZR, 16 NZR	Astra F 1.6i	9/94-2/98	1598 ccm	55 kW (75 PS)	79 / 4	IN	POPE019	642679	38,0x7,0x101,1	45	1
	Astra G 1.6i	9/97-8/00						90232973			
	Astra Classic 1.6i	3/92-2/98						90295011			
	Astra Mk III 1.6i	9/91-2/98						642854			
	Astra Mk IV 1.6i	9/97-8/00						642911			
ENG. Z 16 SE	Vectra B 1.6i	9/95-9/00	1598 ccm	62 kW (84 PS)	79 / 4	EX	POPE020	90232977	31,0x7,0x101,1	45	1
	Astra G 1.6i	9/00-6/04						90295015			
	Astra Mk IV 1.6i	9/97-8/00									
	Combo 1.6i	10/01-8/04									
ENG. 16 NZ2	Corsa C 1.6i	9/01-11/06	1598 ccm	55 kW (75 PS)	80 / 4						
	Meriva A 1.6i	3/03 →									
	Astra F 1.6i	3/92-2/98									
ENG. X 18 XE1	Astra Mk III 1.6i	9/91-2/98	1796 ccm	85 kW (116 PS)	80,5 / 4	IN	POPE027	641048	31,2x5,0x101,4	45	9
	Astra G 1.8i 16V	9/97-8/00						90536095			
ENG. Z 18 XE	Vectra B 1.8i 16V	9/98-8/00	1796 ccm	90-92 kW (122-125 PS)	80,5 / 4	EX	POPE028	641357	27,5x5,0x100,8	45	9
	Zafira A 1.8i 16V	3/99-8/00						90536164			
	Zafira Mk I 1.8i 16V	3/99-9/00									
	Astra G 1.8i 16V	9/00-6/04									
	Astra H 1.8i 16V	3/04 →									
Astra Mk IV 1.8i 16V	9/00 →										
Astra Mk V 1.8i 16V	3/04 →										
Corsa C 1.8i 16V	9/01 →										
Meriva A 1.8i 16V	3/03 →										
Signum 1.8i 16V	5/03 →										
Tigra B 1.8i 16V	9/04 →										
Vectra B 1.8i 16V	9/00-9/02										
Vectra C 1.8i 16V	9/01 →										
Zafira A 1.8i 16V	9/00 →										
Zafira Mk I 1.8i 16V	9/00 →										


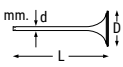




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. Z 18 XEL	Astra G 1.8i 16V	3/01-6/04	1796 ccm	81-85 kW (110-116 PS)	80,5 / 4	IN	POPE027	641048	31,2x5,0x101,4	45	9
	Astra Mk IV 1.8i 16V	3/01 →						90536095			
	Vectra B 1.8i 16V	3/01-9/02	1796 ccm	81-85 kW (110-116 PS)	80,5 / 4	EX	POPE028	641357	27,5x5,0x100,8	45	9
	Vectra C 1.8i 16V	9/01 →						90536164			
ENG. 18 E	Ascona C 1.8i	9/82-8/88	1796 ccm	85 kW (115 PS)	84,8 / 4	IN	POPE029	642667	41,8x7,0x104,2	45	1
	Astra Mk I/II 1.8i	5/83-8/91						90220119			
	Cavalier II 1.8i	9/81-8/88						90220121			
	Kadett D 1.8i	2/83-8/84						90295019			
	Kadett E 1.8i	9/84-8/86						641306			
ENG. C 18 NE	Ascona C 1.8i	9/97-9/00	1796 ccm	74 kW (100 PS)	84,8 / 4	EX	POPE036	642829	36,5x7,0x103,7	45	1
	Astra Mk II 1.8i	10/85-8/86						90323756			
	Cavalier II 1.8i	1/85-12/90						90323757			
	Kadett E 1.8i	6/85-8/86									
ENG. C 18 NT	Astra Mk II 1.8	9/84-8/91	1796 ccm	66 kW (90 PS)	84,8 / 4	EX	POPE036		36,5x7,0x103,7	45	1
	Kadett E 1.8	6/85-8/86									
ENG. C 18 NV	Rekord E 1.8i	5/85-8/86	1796 ccm	74 kW (100 PS)	84,8 / 4	EX	POPE036		36,5x7,0x103,7	45	1
ENG. 18 SE	Ascona C 1.8i	9/86-8/88	1796 ccm	82-85 kW (112-116 PS)	84,8 / 4	EX	POPE036		36,5x7,0x103,7	45	1
	Astra F 1.8i	9/95-9/96									
	Astra Mk II 1.8i	9/86-8/91									
	Astra Mk III 1.8i	9/94-2/98									
	Belmont 1.8i	9/85-3/93									
	Cavalier II 1.8i	9/86-8/88									
	Kadett E 1.8i	9/84-8/91									
ENG. 18 SEH	Carlton III 1.8i	9/86-10/94	1796 ccm	85 kW (116 PS)	84,8 / 4	EX	POPE036		36,5x7,0x103,7	45	1
	Omega 1.8i	9/86-3/94									


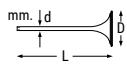




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. 20 NEJ	Vectra B 2.0i	9/95-9/99	1998 ccm	82 kW (111 PS)	86 / 4	IN	POPE029	642667	41,8x7,0x104,2	45	1
ENG. 20 E	Ascona B 2.0i Carlton II 2.0i Cavalier II 2.0i Kadett C 2.0i	9/75-8/81 10/78-11/86 3/05 → 8/73-7/79	1979 ccm	81 kW (110 PS)	95 / 4	EX	POPE036	90220119 90220121 90295019 641306 642829 90323756 90323757	36,5x7,0x103,7	45	1
ENG. F4R 720, F4R 820	Vivaro 2.0i 16V	3/01 →	1998 ccm	88 kW (120 PS)	82,7 / 4	IN	POPE030	7701471279 7701474287 4411048 93160645 13201-00QAE	33,4x5,5x110,0	45	1
						EX	POPE031	7701473101 7701471280 7701474286 7701478130 4411049 93160646 13202-00QAE	28,9x5,5x108,9	45	1
ENG. Z 16 XEP	Astra G 1.6i 16V Astra H 1.6i 16V Astra Mk IV 1.6i Astra Mk V 1.6i Meriva A 1.6i 16V Vectra C 1.6i 16V Zafira B 1.6i 16V Zafira Mk II 1.6i 16V	3/03-6/04 3/04 → 9/02 → 3/04 → 2/06 → 9/01 → 7/05 → 7/05 →	1598 ccm	76 kW (104 PS)	79 / 4	IN	POPE039	55557862 24433078 642011 642078	31,2x5,0x117,2	45	9
						EX	POPE040	71739797 55558728 24433079 641379 641401	27,6x5,0x116,2	45	9
ENG. Z 16 XER	Astra H 1.6i 16V	07 →	1598 ccm	85 kW (115 PS)	79 / 4						


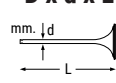




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 			
OPEL / VAUXHALL BENZYNA														
ENG. Z 16 XE1	Zafira B 1.6i 16V	07 →	1598 ccm	77 kW (105 PS)	79 / 4	IN	POPE039	55557862	31,2x5,0x117,2	45	9			
	Zafira Mk II 1.6i 16V	07 →						24433078						
ENG. A 16 LET Euro 5	Astra J 1.6i Turbo 16V	11/09 →	1598 ccm	132 kW (180 PS)	79 / 4	EX	POPE040	642011	27,6x5,0x116,2	45	9			
	Astra Mk VI 1.6i Turbo 16V	11/09 →						642078						
	Insignia 1.6i Turbo 16V	11/08 →						71739797 55558728 24433079 641379 641401						
ENG. 10 S	Corsa A /A TR 1.0	9/82-3/93	993 ccm	29-37 kW (39-50 PS)	72 / 4	IN	POPE045	642675	32,0x7,0x99,0	45	1			
	Kadett A 1.0S	9/62-8/65						902565074						
	Nova 1.0	9/82-3/93						EX POPE046 642837				27,0x7,0x99,4	45	1
ENG. 16S	Ascona A/A Voyage 1.6S	10/70-8/75	1584 ccm	55-59 kW (75-80 PS)	80 / 4	IN	POPE073	642635	35,0x7,98x106,0	45	45			
	Ascona B 1.6S	9/75-8/81						90106792						
	Kadett C/C City 1.6S	5/77-7/79						EX POPE074 642789				32,0x7,96x106,6	45	45
	Manta A 1.6	9/70-8/75						90106797						
	Manta B 1.6S	9/75-12/81												
ENG. 16S	Astra 1.6S	9/81-8/86	1598 ccm	55-66 kW (75-90 PS)	80 / 4	EX	POPE074	642789	32,0x7,96x106,6	45	45			
	Astra Mk II 1.6S	9/84-8/86												
	Belmont 1600	82 →												
ENG. 16N/16S/16SH	Cavalier 1600	80 →	1598 ccm	55-59 kW (75-80 PS)	80 / 4	EX	POPE074	642789	32,0x7,96x106,6	45	45			
ENG. 16S	Ascona L/Berlina SR	81 →	1598 ccm	66 kW (90 PS)	80 / 4	EX	POPE074	642789	32,0x7,96x106,6	45	45			
	Kadett L/Berlina SR	81 →												
	Kadett 1.6 S	85 →												






Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. 18E, C18NE, C18NT	Ascona C 1.8i	9/82-8/86	1796 ccm	82-85 kW (112-116 PS)	84,8 / 4	IN	POPE091	642647	41,0x7,98x106,0	45	1
	Kadett D 1.8 GT/E	2/83-8/84						90136614			
	Kadett E 1.8/1.8i/1.8 GSI	9/84-8/90						642793			
	Astra 1.8 GTE	3/83-8/91						90136621			
	Astra Mk II Belmont 1.8i	9/85-8/91									
	Astra Mk II 1.8i	1/90-8/91									
	Cavalier Mk II 1.8i	9/81-8/88									
	Carlton/Combo 1.8	82 →									
ENG. 20 E CIH	Manta B 2.0i	9/75-8/88	1979 ccm	77-85 kW (105-115 PS)	95 / 4	IN	POPE097	642750	42,0x9,0x123,0	45	1
	Monza A 2.0i	3/83-10/84						09292660			
	Rekord E 2.0i	8/79-8/86						642873			
	Senator A 2.0i	3/83-10/84						09292324			
ENG. 20 S	Ascona B 2.0	9/75-8/81	1979 ccm	74 kW (101 PS)	95 / 4	IN	POPE099	642751	42,0x9,07x123,0	45	1
	Cavalier I 2.0	9/70-8/75						092292661			
	Manta B 2.0	9/75-8/85						642874			
	Rekord D 2.0	9/75-8/77						09292325			
	Rekord E 2.0	8/79-8/86									
ENG. 30 H	Monza/Senator A 3.0	4/78-7/82	2969 ccm	110 kW (150 PS)	95 / 6	IN	POPE101	642752	42,0x9,15x123,0	45	1
	Royale 3.0 I/E	78 →						092292662			
	Kadett/Manta E-GT	75-77	1897 ccm	66 kW (90 PS)	93 / 4	EX	POPE102	642875	37,0x9,15x123,7	45	26



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. A 20 NHT	Insignia 2.0i Turbo 16V	11/08 →	1988 ccm	162 kW (220 PS)	86 / 4	IN	POPE115	12575793	35,1x6,0x102,3	45	9
ENG. Z 20 NHH	GT 2.0 SI-DI Turbo 16V	6/07 →	1998 ccm	191-194 kW (260-264 PS)	86 / 4			12786696			
ENG. Z 22 SE	Astra G 2.2i 16V	9/00-6/04	2198 ccm	108 kW (147 PS)	86 / 4	EX	POPE116	55192156	30,1x6,0x100,9	45	9
	Speedster 2.2i 16V	9/00 →						55563529			
	Vectra B 2.2i 16V	9/00-9/02						641056			
	Vectra C 2.2i 16V	9/01 →						641063			
	Zafira A 2.2i 16V	9/00 →						71739277			
	Astra Mk IV 2.2i 16V	9/00 →						12597371			
	VX 220 2.2i 16V	9/00 →						12791961			
Zafira Mk I 2.2i 16V	9/00 →	24454518									
ENG. Z 22 YH	Astra H 2.2i 16V	04 →	2198 ccm	110-114 kW (150-155 PS)	86 / 4			4805043	30,1x6,0x100,9	45	9
	Signum 2.2i 16V	5/03 →						641373			
	Vectra C 2.2i 16V	9/03 →						641376			
	Zafira B 2.2i 16V	3/05 →						641380			
	Signum 2.2i 16V	5/03 →						71739320			
	Zafira MK II 2.2i 16V	7/05 →						71739686			
ENG. Z 20 NET	Vectra 1.8 16V Turbo	03 →	1998 ccm		86 / 4				30,1x6,0x100,9	45	9
	Signum 1.8 16V Turbo	03 →									
	Opel 1.6		1600 ccm			IN	POPE117		36,8x7,0x104,0	45	1
						EX	POPE118		33,0x7,0x105,0	45	1
ENG. Z 16 LET	Astra H 1.6i Turbo 16V	2/06 →	1598 ccm	132 kW (179 PS)	79 / 4	IN	POPE119	641076	31,2x5,0x113,8	45	9
	Meriva A 1.6i Turbo 16V	2/06 →						55557741			
ENG. Z 16 LER	Corsa D 1.6i Turbo 16V	9/07-11/09	1598 ccm	141 kW (192 PS)	79 / 4	EX	POPE120	641391	27,5x5,0x113,2	45	9
ENG. A 16 XER	Astra J 1.6i 16V	11/09 →	1598 ccm	85 kW (115 PS)	79 / 4			641392			
	Insignia 1.6i 16V	11/08 →						55355572			
ENG. Z 16 LEL	Corsa D 1.6i Turbo 16V	9/07-11/09	1598 ccm	110 kW (150 PS)	79 / 4			71744388			


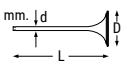




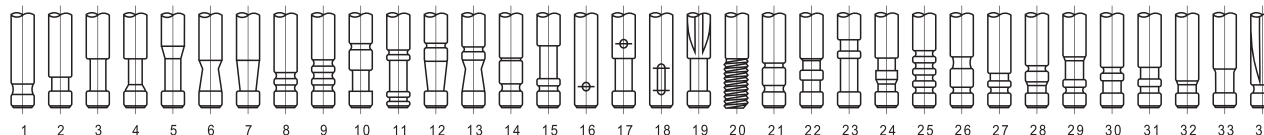
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL BENZYNA											
ENG. Z 18 XER	Astra H 1.8i 16V	3/04 →	1796 ccm	103 kW (140 PS)	80,5 / 4	IN	POPE119	641076	31,2x5,0x113,8	45	9
	Signum 1.8i 16V	10/05 →						55557741			
	Vectra C 1.8i 16V	1/06 →						641391 641392 55355572			
	Zafira B 1.8i 16V	3/05 →									
	Zafira Mk II 1.8i 16V	7/05 →									
ENG. A 18 XER	Insignia 1.8i 16V	11/08 →	1796 ccm	103 kW (140 PS)	80,5 / 4	EX	POPE120	641391 641392 55355572 71744388	27,5x5,0x113,2	45	9
ENG. No. 300000, No. 300001	Ascona 1.6 N	ENG. 70-76	1566 ccm	44-55 kW (60-75 PS)	85 / 4	EX	POPE121	642845	34,0x9,0x125,2	45	26
	Manta 1.6 N	ENG. 76 →									
ENG. No. 230704, No. 230705	Ascona 1.6 S	ENG. 70-76	1566 ccm	44-55 kW (60-75 PS)	85 / 4						
	Manta 1.6 S	ENG. 76 →									
	Kadett S	70-82	1566 ccm	55 kW (75 PS)	85 / 4						
ENG. No. 400000, No. 400001	Rekord 1700	ENG. 65-71	1698 ccm	44 kW (60 PS)	88 / 4						
ENG. No. 795336, No. 795337	Rekord 1700 S	ENG. 72-74	1698 ccm	61 kW (83 PS)	88 / 4						


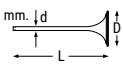




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. 16 D, 16 DA	Astra Mk I 1.6 D	3/82-8/84	1598 ccm	40 kW (54 PS)	80 / 4	IN	POPE009	642651	36,0x8,0x123,2	45	1
	Astra Mk II 1.6 D	9/84-12/89						90009534			
	Ascona C 1.6 D	3/82-8/88						90169309			
	Belmont 1.6 D	9/85-9/93						642818			
	Cavalier II 1.6 D	3/82-8/88						641353			
	Kadett D 1.6 D	3/82-8/84						90499097			
	Kadett E 1.6 D	9/84-1/89									
Combo 1.6 D	84-99										
ENG. 17 D	Astra F 1.7 D	12/91-8/94	1699 ccm	42 kW (57 PS)	82,5 / 4	EX	POPE104	642819	32,0x8,07x123,2	45	1
	Astra Mk II 1.7 D	1/89-8/91						90169310			
	Astra Mk III 1.7 D	12/91-2/98						90169315			
	Belmont 1.7 D	9/85-9/91									
	Cavalier III 1.7 D	9/88-11/95									
	Kadett E 1.7 D	2/89-8/91									
	Vectra A 1.7 D	10/88-8/95									
ENG X 17 DTL	Astra F 1.7 TD	9/94-2/98	1699 ccm	50 kW (68 PS)	82,5 / 4	IN	POPE105	642653	36,0x8,15x123,2	45	1
	Astra G 1.7 TD	3/98-8/00									
	Astra Mk III 1.7 TD	7/95-2/98									
	Astra Mk IV 1.7 TD	3/98-8/00									
ENG. 17 DR	Astra F 1.7 D	12/91-8/94	1699 ccm	42-44 kW (57-60 PS)	82,5 / 4	EX	POPE106	642820	32,0x8,15x123,2	45	1
	Astra Mk II 1.7 D	1/89-8/91									
	Astra Mk III 1.7 D	12/91-2/98									
	Cavalier III 1.7 D	7/92-11/95									
	Kadett E 1.7 D	2/89-8/91									
	Vectra A 1.7 D	10/88-8/95									
	Combo 1.7 D	7/94-10/01									


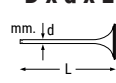




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. X 15 TD	Corsa B 1.5 TD	9/94-8/00	1487 ccm	49 kW (67 PS)	76 / 4	IN	POPE013	8943268430	34,6x7,0x104,1	45	1
ENG. 15 D, X 15 D	Corsa A 1.5 D	9/87-8/94	1487 ccm	37 kW (50 PS)	76 / 4	EX	POPE014	8943268430	30,6x7,0x104,0	45	1
	Corsa B 1.5 D	9/94-8/00						641007			
	Nova 1.5 D	9/87-8/94						641000			
								94370173			
ENG. 15 TD	Astra Mk II 1.5 TD	1/87-8/90	1487 ccm	49-53 kW (67-72 PS)	76 / 4	EX	POPE014	8943268430	30,6x7,0x104,0	45	1
	Corsa A 1.5 TD	9/88-8/94						641322			
	Corsa B 1.5 TD	9/94-8/00						641300			
	Kadett E 1.5 TD	9/88-8/91						641301			
	Nova 1.5 TD	1/90-8/94						97037591			
ENG. 17 TD, X 17 DT	Astra F 1.7 TD	12/91-2/98	1686 ccm	60 kW (82 PS)	79 / 4	EX	POPE014	8941150592	30,6x7,0x104,0	45	1
	Astra Mk III 1.7 TD	12/91-2/98						8941100173			
	Cavalier III 1.7 TD	9/88-11/95									
	Kadett E 1.7 TD	2/90-8/91									
	Vectra A 1.7 TD	3/90-8/95									
ENG. 17 D (4EEI), X 17 D	Combo 1.7 D	9/94-10/01	1686 ccm	44 kW (60 PS)	79 / 4	EX	POPE014		30,6x7,0x104,0	45	1
	Corsa B 1.7 D	9/94-8/00									
ENG. 4EC1-T	Astra Mk II 1.5 TD	1/87-8/89	1488 ccm	49-54 kW (67-73 PS)	76 / 4	IN	POPE021	8943268430	36,0x6,0x103,7	45	9
ENG. X 25 TD	Omega B 2.5 TD	8/96-2/01	2498 ccm	96 kW (131 PS)	80 / 6			11342244814			
ENG. M51 D25 BMW	Omega 2.5 TD	93 →	2497 ccm	85 kW (115 PS)	80 / 6			11342246524			
ENG. 25 TD	Frontera 2.5 TD	96-98	2498 ccm	96 kW (131 PS)	80 / 6	EX	POPE022	11342244815	31,0x6,0x103,5	45	9
								11342246525			
								90511366			
								641041			
								STC2156			
								11342244815			
								11342246525			
								90511374			
								641346			
								STC2149			


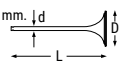




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. X 20 DTH	Omega B 2.0 DTI 16V	9/97-8/00	1995 ccm	74 kW (101 PS)	84 / 4	IN	POPE023	90502319	29,0x6,0x97,2	45	9
	Vectra B 2.0 DTI 16V	9/97-8/00						642168			
ENG. X 20 DTL	Astra G 2.0 DI 16V	3/98-8/00	1995 ccm	60 kW (82 PS)	84 / 4	EX	POPE024	642165	26,0x6,0x97,0	45	9
	Astra Mk IV 2.0 DI 16V	3/98-8/00						90502316			
	Vectra B 2.0 DI 16V	9/96-8/00						4772380			
	Zafira A 2.0 DI 16V	3/99-8/00						90502326			
	Zafira Mk I 2.0 DI 16V	3/99-8/00						642211			
								642208			
ENG. X 22 DTH	Frontera B 2.2 DTI 16V	9/98 →	2172 ccm	85-92 kW (116-125 PS)	84 / 4			90502323			
	Sintra 2.2 TDI 16V	9/97-9/99						4772414			
ENG. Y 22 DTR	Astra G 2.2 DTI 16V	9/01-1/04	2171 ccm	92 kW (125 PS)	84 / 4						
	Astra Mk IV 2.2 DTI 16V	9/01 →									
	Signum 2.2 DTI 16V	5/03 →									
	Vectra B 2.2 DTI 16V	9/00-9/02									
	Vectra C 2.2 DTI 16V	4/02 →									
	Zafira A 2.2 DTI 16V	3/02-7/05									
	Zafira Mk I 2.2 DTI 16V	3/02-7/05									
ENG. Y 20 DTH	Astra G 2.0 DTi 16V	9/00-1/04	1995 ccm	74 kW (101 PS)	84 / 4						
	Astra Mk IV 2.0 DTI 16V	8/00 →									
	Signum 2.0 DTI 16V	5/03 →									
	Vectra B 2.0 DTI 16V	9/00-9/02									
	Vectra C 2.0 DTI 16V	4/02 →									
	Zafira A 2.0 DTI 16V	4/99-7/05									
	Zafira Mk I 2.0 DTI 16V	4/99-7/05									
ENG. Y 20 DTL	Astra G 2.0 DI 16V	3/98-1/04	1995 ccm	60 kW (82 PS)	84 / 4						
	Astra Mk IV 2.0 DI 16V	9/00 →									
ENG. Y 22 DTH	Frontera B 2.2 DTI 16V	10/98 →	2172 ccm	85 kW (116 PS)	84 / 4						
	Omega B 2.2 DTI 16V	6/00 →									


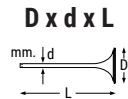




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. Y 17 DT	Astra G 1.7 DTI 16V	9/00-1/04	1686 ccm	55 kW (75 PS)	79 / 4	IN	POPE025	641025	27,5x6,0x98,4	45	1
	Astra Mk IV 1.7 DTI 16V	9/00 →						97185860			
	Combo 1.7 DTI 16V	10/01-8/04	1686 ccm	48 kW (65 PS)	79 / 4	EX	POPE026	14711PLZ-D00	26,5x6,0x98,1	45	1
	Corsa C 1.7 DTI 16V	9/00 →						641369			
	Meriva A 1.7 DTI 16V	3/03 →	1686 ccm	74 kW (100 PS)	79 / 4			641387			
	Combo 1.7 DI 16V	10/01-8/04						97358650			
ENG. Y 17 DTL	Corsa C 1.7 DI 16V	9/00-9/03	1686 ccm	59 kW (80 PS)	79 / 4			97185352			
	Meriva 1.7 DI 16V	04 →						14721PLZ-D00			
ENG. Z 17 DTH	Astra H 1.7 CDTi 16V	3/04 →	1686 ccm	84 kW (114 PS)	94,4 / 4	IN	POPE032	4757358	41,0x8,0x120,8	30	1
	Astra Mk V 1.7 CDTi 16V	9/08 →						7301820			
	Combo 1.7 CDTi 16V	9/04 →						504069200			
	Corsa C 1.7 CDTi 16V	6/03 →						7701030863			
	Meriva A 1.7 CDTi 16V	3/03 →						7701462678			
ENG. Z 17 DTL	Astra G 1.7 CDTi 16V	9/00-1/04	1686 ccm	84 kW (114 PS)	94,4 / 4	EX	POPE033	7701463603	36,0x8,0x122,0	45	1
	Astra H 1.7 CDTi 16V	3/04 →						7701467250			
	Astra Mk IV 1.7 CDTi 16V	3/03 →						0948.A2			
	Astra Mk V 1.7 CDTi 16V	9/08 →						99432837			
ENG. S9W.A7/B7/702	Movano 2.8 TDi	98 →	2799 ccm	84 kW (114 PS)	94,4 / 4	IN	POPE032	5001836573	41,0x8,0x120,8	30	1
								7701463603			
								7701462678			
								7701463603			
								7701467250			
								0948.A2			
ENG. S9W.A7/B7/702	Movano 2.8 TDi	98 →	2799 ccm	84 kW (114 PS)	94,4 / 4	EX	POPE033	99432837	36,0x8,0x122,0	45	1
								5001836573			
								0949.A0			


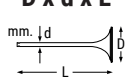




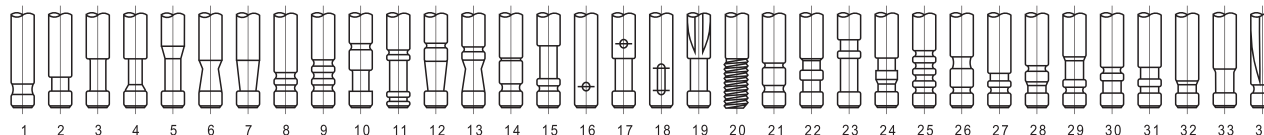
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. S9W 700 Euro 2, S9W 702 Euro 2	Movano 2.8 DTi	6/98-9/02	2799 ccm	84 kW (114 PS)	94,4 / 4	IN	POPE032	4757358 7301820	41,0x8,0x120,8	30	1
ENG. S8U 758, 780, 782	Arena 2.5 D	3/98-8/01	2499 ccm	55 kW (75 PS)	93 / 4	EX	POPE132	504069200 7701030863 7701462678 7701463603 7701467250 0948.A2	36,7x8,0x122,0	45	1
ENG. S8U 772	Movano 2.5 D	10/98-9/01	2499 ccm	60 kW (82 PS)	93 / 4			98418161 7701467249			

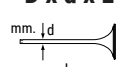




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. F9Q 760	Vivaro 1.9 DTI	3/01 →	1870 ccm	74 kW (101 PS)	80 / 4	IN	POPE034	7700110386	35,3x7,0x110,9	45	1
ENG. F9Q 762	Vivaro 1.9 DTI	3/01 →	1870 ccm	60 kW (82 PS)	80 / 4			7700110387			
ENG. F9Q 770	Movano 1.9 DTI	1/99-10/01	1870 ccm	58 kW (79 PS)	80 / 4			7701471702			
ENG. F9Q 772	Movano 1.9 DTI	1/99 →	1870 ccm	60 kW (82 PS)	80 / 4			7701476024			
ENG. F9Q 774	Movano 1.9 DTI	9/02-10/01	1870 ccm	58-60 kW (79-82 PS)	80 / 4			7701470251			
ENG. F9Q M7, F9Q W7	Movano 1.9 DTI Vivaro 1.9 DTI	00 →	1870 ccm		80 / 4	EX	POPE035	8200828299	32,6x7,0x110,7	45	1
		01 →						13201-AW300			
		13201-00QAC									
		13201-00QAM									
		MW30620685									
		30889401									
		4402633									
		4415921									
		7700110388									
		7700110389									
	7701471703										
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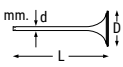




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. Z 19 DTH	Astra H 1.9 CDTI 16V	4/04 →	1910 ccm	110 kW (150 PS)	82 / 4	IN	POPE037	55195535	27,9x6,0x114,4	45	9
	Astra Mk V 1.9 CDTI 16V	9/04 →						55190248			
	Signum 1.9 CDTI 16V	3/04 →						55202556			
	Vectra C 1.9 CDTI 16V	3/04 →						46802049			
	Zafira B 1.9 CDTI 16V	3/05 →						641073			
	Zafira Mk II 1.9 CDTI 16V	7/05 →						641074			
ENG. Z 19 DTJ	Astra H 1.9 CDTI 16V	4/04 →	1910 ccm	88 kW (120 PS)	82 / 4	IN	POPE037	641075	27,9x6,0x114,4	45	9
	Astra Mk V 1.9 CDTI 16V	9/04 →						93178587			
ENG. Z 19 DTL	Astra H 1.9 CDTi	9/04 →	1910 ccm	74 kW (100 PS)	82 / 4	EX	POPE038	93185523	25,8x6,0x114,4	45	9
	Astra Mk V 1.9 CDTi	9/04 →						46787902			
	Signum 1.9 CDTi	9/05 →						55190249			
	Vectra C 1.9 CDTi	06 →						55202557			
	Zafira B 1.9 CDTi	3/05 →						641385			
	Zafira Mk II 1.9 CDTi	7/05 →						641386			
ENG. Y 13 DT, Z 13 DT Euro 4	Agila A 1.3 CDTI 16V	9/03-9/07	1248 ccm	51 kW (69 PS)	69,6 / 4	IN	POPE041	46518930	22,0x6,0x109,3	45	9
	Combo 1.3 CDTi 16V	9/04 →						55195680			
	Corsa C 1.3 CDTi 16V	9/03 →						55219965			
	Meriva A 1.3 CDTi 16V	9/03 →						641072			
	Tigra B 1.3 CDTi 16V	12/04 →						641077			
ENG. Z 13 DTH Euro 4	Astra H 1.3 CDTi 16V	4/05 →	1248 ccm	66 kW (90 PS)	69,6 / 4	EX	POPE042	93186090	22,0x6,0x109,3	45	9
	Astra Mk V 1.3 CDTi 16V	4/05 →						12911-85E00			
	Corsa D 1.3 CDTI 16V	9/06 →						46518931			
	Zafira B 1.3 CDTI 16V	4/05 →						55202685			
	Zafira Mk II 1.3 CDTI 16V	07 →						55208213			
ENG. Z 13 DTJ Euro 4	Agila B 1.3 CDTI 16V	9/07 →	1248 ccm	51-55 kW (70-75 PS)	69,6 / 4	EX	POPE042	641071	22,0x6,0x109,3	45	9
	Corsa C 1.3 CDTI 16V	9/03-11/06						641402			
	Corsa D 1.3 CDTI 16V	9/06 →						93177306			
	Meriva A 1.3 CDTi 16V	9/03 →						93190438			
ENG. Z 13 DTR Euro 4	Corsa D 1.3 CDTI 16V	10/09 →	1248 ccm	70 kW (95 PS)	69,6 / 4	EX	POPE042	12915-85E00	22,0x6,0x109,3	45	9


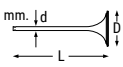




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L mm. 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. G9T 720, G9T 722, G9T 750	Movano 2.2 DTI 16V	9/00 →	2188 ccm	66 kW (90 PS)	87 / 4	IN	POPE043	13201-00QAD 7701472669	30,7x6,0x123,2	45	9
ENG. G9U 630 Euro 4	Movano 2.5 CDTI 16V Vivaro 2.5 CDTI 16V	7/02 → 7/06 →	2463 ccm	107 kW (145 PS)	89 / 4	EX	POPE044	13202-00QAD 7701472670	29,5x6,0x123,0	45	9
ENG. G9U 632 Euro 4	Movano 2.5 CDTI 16V	7/06 →	2463 ccm	88-107 kW (120-145 PS)	89 / 4			4506083			
ENG. G9U 650 Euro 4	Movano 2.5 CDTI 16V	10/03 →	2463 ccm	74-88 kW (101-120 PS)	89 / 4			4506084			
ENG. G9U 720/754 Euro 3	Movano 2.5 CDTI 16V	02 →	2463 ccm	73-84 kW (99-115 PS)	89 / 4						
ENG. G9U 724, G9U 754 Euro 3	Movano 2.5 CDTI 16V	9/03-7/06	2463 ccm	84 kW (114 PS)	89 / 4						
ENG. G9U 730 Euro 3	Movano 2.5 CDTI 16V Vivaro 2.5 CDTI 16V	02 → 03 →	2463 ccm	99 kW (135 PS)	89 / 4						
ENG. G9U.A7, G9U.B7	Movano 2.5 DTI 16V Vivaro 2.5 DTI 16V	01 → 03 →	2463 ccm		89 / 4						
ENG. G9T 700, G9T 710, G9T.C7, G9T.F7	Movano 2.2 TD	02 →	2188 ccm	66 kW (90 PS)	87 / 4						
ENG. 20D	Ascona 2.0 D Manta 2.0 D Rekord 2.0 D	82 → 82 → 82 →	1998 ccm	40-43 kW (54-58 PS)	86,5 / 4	IN	POPE107	642759 642655 90027622	42,0x8,0x127,2	45	1
ENG 23D, 23YD	Rekord 2.3 D Omega 2.3 D Carlton 2.3 D	82 → 86 → 86 →	2260 ccm	54 kW (73 PS)	92 / 4	EX	POPE108	642882 90027627	34,5x8,0x127,2 +003"	45	1
						IN	POPE109	642760 90027623	42,0x8,07x127,2	45	1
						EX	POPE110	642883 90027628	34,5x8,07x127,2 +006"	45	1
						IN	POPE111	642761	42,0x8,15x127,2	45	1
						EX	POPE112	642884	34,5x8,15x127,2	45	1


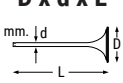




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. F8Q 600, F8Q 606	Arena 1.9 D	3/98-8/01	1870 ccm	44-48 kW (60-65 PS)	80 / 4	IN	POPE123	7701471704	35,0x8,0x110,0	45	1
								7701469369			
								30852144			
								M852144			
								M889130			
								3345515			
						101778					
						IN	POPE127	7701468190	35,0x8,0x110,5	45	1
						IN	POPE122	7701468035	35,2x8,0x111,6	45	1
						IN	POPE125	7701462813	36,1x8,0x111,7	30	1
						EX	POPE124	7701471705	31,5x8,0x110,0	45	1
						EX	POPE126	7701462814	31,6x8,0x111,3	45	1
							7701469373				
							30852146				
							112656				
							101780				
							7700696117				
							7700702871				
							3287967-8				


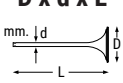




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. VM41B	Frontera 2.5 TD	95 →	2499 ccm		92 / 4	IN	POPE128	V94DD6507AA 60507189 116760330001 20360026 20360026A 2036019 04720146 AEU2296 AEU2296L	40,0x8,0x121,0	35	1
						EX	POPE129	V94DD6505AA 60504864 60540864 195590330100 116760330101 2037018 04720148 LGH10041 RTC4116	34,0x8,0x121,0	45	1


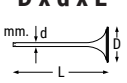




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. Z 19 DT	Astra H 1.9 CDTi	4/04 →	1910 ccm	88 kW (120 PS)	82 / 4	IN	POPE130	46750859	35,5x8,0x115,0	45	9
	Astra Mk V 1.9 CDTi	9/04 →						46478834			
	Signum 1.9 CDTi	3/04 →						55193126			
	Vectra C 1.9 CDTi	3/04 →						60816038			
	Zafira B 1.9 CDTi	3/05 →						641083			
	Zafira Mk II 1.9 CDTi	7/05 →						46764378			
								EX			
				46783962							
				55202630							
				60814604							
				60816025							
				641089							
ENG. 10 S	Opel Corsa A liftback (S83) 1.0 (F08, M08, F68, M68)	09/82 - 03/93	993 ccm	33 kW (45 PS)	4	EX	POPE060	642924	29,0x7,0x99,4	45	1
	Opel Corsa A TR (S83) 1.0 (F11, M11, F19, M19)	09/82 - 09/92									
	OPEL CORSA A Furgon (S83) 1.0 (F08, W5L)	02/86 - 04/89									
	Opel Kadett A 1.0 S	09/62 - 08/65						35 kW (48 PS)			
	Opel Kadett A kombi 1.0 S	03/63 - 08/65									
	Opel Kadett A coupe 1.0 S	10/63 - 08/65									
	Opel Kadett D (31_-34_, 41_-44_) 1.0	08/79 - 12/83						37 kW (50 PS)			


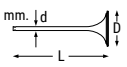




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. M9R 630	Vivaro A Combi (X83) 2.0 CDTI (F7, J7, A07)	08/06 →	1995 ccm	66 kW (90 PS)	4	IN EX	POPE133 POPE134	7701476596 7701476595	27,7x6,0x103,9 26,0x6,0x103,8	45 45	9 9
	Vivaro A Furgon (X83) 2.0 CDTI (F7)	08/06 →									
	Vivaro A Furgon (X83) 2.0 CDTI (F7)	08/06 →									
	Vivaro A platforma / podwozie (X83) 2.0 CDTI	01/06 →									
	Vivaro A platforma / podwozie (X83) 2.0 CDTI	08/06 →									
ENG. M9R 780	Vivaro A platforma / podwozie (X83) 2.0 CDTI	08/06 →	1995 ccm	66 kW (90 PS)	4						
ENG. M9R 786	Vivaro A Combi (X83) 2.0 CDTI (F7, J7, A07)	08/06 →	1995 ccm	66 kW (90 PS)	4						
ENG. M9T 670	Movano B Autobus (X62) 2.3 CDTI FWD (JV)	12/10 →	2298 ccm	74 kW (101 PS)	4						
	Movano B Furgon (X62) 2.3 CDTI FWD (FV)	05/10 →									
	Movano B Furgon (X62) 2.3 CDTI FWD (FV)	05/10 →									
	Movano B platforma / podwozie (X62) 2.3 CDTI FWD (EV, HV, UV)	05/10 →									
	Movano B platforma / podwozie (X62) 2.3 CDTI FWD (EV, HV, UV)	05/10 →									


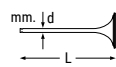




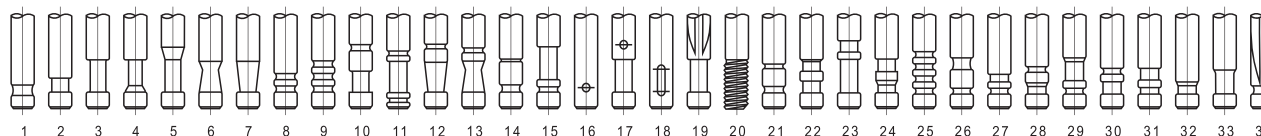
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
	Movano B platforma / podwozie (X62) 2.3 CDTI RWD (EV, HV, UV)	05/10 →				IN	POPE133	7701476596	27,7x6,0x103,9	45	9
	Movano B platforma / podwozie (X62) 2.3 CDTI RWD (EV, HV, UV)	01/13 →				EX	POPE134	7701476595	26,0x6,0x103,8	45	9
ENG. M9T 880	Movano B Autobus (X62) 2.3 CDTI FWD (JV)	01/13 →	2298 ccm	110 kW (150 PS)	4						
	Movano B Furgon (X62) 2.3 CDTI FWD (FV)	01/13 →									
	Movano B platforma / podwozie (X62) 2.3 CDTI FWD (EV, HV, UV)	01/13 →									
ENG. A 20 DTC	Insignia A Sports Tourer (G09) 2.0 CDTI (35)	07/08 - 06/13	1956 ccm	81 kW (110 PS)	4	IN	POPE135	55206431 55207517	28,0x5,0x114,4	45	9
	Insignia A (G09) 2.0 CDTI (68)	07/08 - 03/17				EX	POPE136	55205183 55207955	24,4x5,0x114,4	45	9
	Insignia A sedan (G09) 2.0 CDTI (69)	07/08 - 03/17									
ENG. A 20 DTH	Insignia A sedan (G09) 2.0 CDTI (69)	07/13 - 03/17	1956 ccm	96 kW (131 PS)	4						
	Insignia A sedan (G09) 2.0 CDTI 4x4 (69)	07/13 - 03/17									
	Insignia A Country Tourer (G09) 2.0 CDTI (47)	07/14 - 03/17									


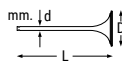




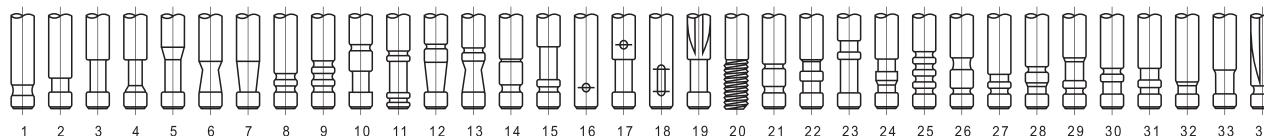
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
OPEL / VAUXHALL DIESEL											
ENG. Z 19 DTH	Astra H (A04) 1.9 CDTi (L48)	09/04 - 10/10	1910 ccm	110 kW (150 PS)	4	IN	POPE135	55206431 55207517	28,0x5,0x114,4	45	9
	Astra H GTC (A04) 1.9 CDTi (L08)	03/05 - 10/10				EX	POPE136	55205183 55207955	24,4x5,0x114,4	45	9
	Astra H kombi (A04) 1.9 CDTi (L35)	09/04 - 10/10									
	Astra H TwinTop (A04) 1.9 CDTi (L67)	09/05 - 10/10									
	Astra H Furgon (L70) 1.9 CDTi (L70)	09/04 - 10/10									
ENG. Z 19 DTJ	Astra H (A04) 1.9 CDTi 16V (L48)	04/04 - 10/10	1910 ccm	88 kW (120 PS)	4						
	Astra H GTC (A04) 1.9 CDTi 16V (L08)	03/05 - 10/10									
	Astra H kombi (A04) 1.9 CDTi 16V (L35)	08/04 - 10/10									
	Astra H Furgon (L70) 1.9 CDTi 16V (L70)	08/04 - 10/10									
PAYKAN ➔ PEUGEOT 384											
PEGASO ➔ ANDORIA MOT 21											

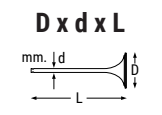




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PERKINS DIESEL											
ENG. 3.27	900 Series				3	IN	PPER001	U3142H007 3142H042	41,8x7,0x116,0	35	9
						EX	PPER002	3142A091	38,0x7,0x115,5	45	9
	S 700				3	IN	PPER003	P3142H011	44,0x7,0x106,5	45	9
						EX	PPER004	P3142A101	37,2x7,0x106,3	45	9
ENG. P 3.144			2365 ccm	22-28 kW (30-38 PS)	88,925 / 3	IN	PPER005	31431261	39,0x7,9x114,5	45	1
ENG. 4.192		1/63-12/68	3150 ccm	29-37 kW (40-50 PS)	88,925 / 4			713151M1			
ENG. P 6.288		57-72	4730 ccm	61 kW (83 PS)	88,925 / 6			0910001			
ENG. 3.152			2490 ccm	27-33 kW (37-45 PS)	91,48 / 3	EX	PPER006	31431951	33,5x7,9x114,5	45	1
ENG. 6.305		1/58-12/68	5003 ccm	66 kW (90 PS)	91,48 / 6			713152M1			
ENG. 4.203		1/71 →	3335 ccm	44 kW (60 PS)	91,48 / 4			0910002			
ENG. Prima 65		87 →	1994 ccm	46 kW (63 PS)	84,4 / 4	IN	PPER007	BDU1399	37,0x7,4x93,8	45	1
ENG. Prima 80T - Turbo		87 →	1994 ccm	60 kW (80 PS)	84,4 / 4			LGH10036			
ENG. M Series	Marine Engine M50-M60-M80T					EX	PPER008	L142HF01 BDU1400	33,6x7,4x93,8	45	1
								LGH10037 L142AF02			
	L4	52-56				IN	PPER009	0910069	47,0x9,5x132,5	45	1
	R6 Diesel	54-61			4/6			0910030			
						EX	PPER010	0910029 0910041	40,5x9,5x132,5	45	1
ENG. 4.99		10/69 →	1621 ccm	29 kW (40 PS)	76,2 / 4			IN			
ENG. 4.107		1/64 →	1753 ccm	18-40 kW (25-55 PS)	79,375 / 4	EX	PPER013	0910064 31431861 0910061			
ENG. 4.108		5/75-82 →	1753 ccm	36-38 kW (49-52 PS)	79,375 / 4						

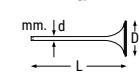




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PERKINS DIESEL											
ENG. AD 3.152		1/69 →	2490 ccm	28-42 kW (38-57 PS)	91,48 / 3	IN	PPER014	31431281	39,0x7,9x114,3	45	1
ENG. AD 4.203		62 →	3335 ccm	40-43 kW (55-59 PS)	91,48 / 4			31431741			
ENG. D 3.152		1/71 →	2503 ccm	35 kW (47 PS)	91,48 / 3			732811M1			
ENG. D 4.203		1/84 →	3335 ccm	40 kW (54 PS)	91,48 / 4	EX	PPER015	31431271	33,4x7,9x114,3	45	1
								31431591			
								31431731			
								31431941			
								737640M1			
									Grubość grzybka +1,0 [mm]		
						IN	PPER016		39,0x7,9x114,3	45	1
						EX	PPER017	364902	33,4x7,9x114,3	45	1
ENG. D 3.152		70 →	2503 ccm	35 kW (47 PS)	91,48 / 3	IN	PPER020	31431681	39,0x7,9x114,3	35	1
						EX	PPER021	31431761	33,4x7,9x114,3	35	1
								31431011			
								3142A081			
									Nadwymiar grzybka +1,0[mm]		
						IN	PPER065		40,0x7,9x114,3	35	1
						EX	PPER066		34,4x7,9x114,3	35	1
									Nadwymiar grzybka +2,0[mm]		
						IN	PPER067		41,0x7,9x114,3	35	1
						EX	PPER068		35,4x7,9x114,3	35	1
ENG. V 8.510		66 →	8360 ccm	132 kW (180 PS)	107,95 / 8	IN	PPER022	31431821	45,3x9,5x139,8	45	1
ENG. V 8.540		74 →	8840 ccm	134 kW (182 PS)	107,95 / 8			31431822			
ENG. TV 8.510		75 →			107,95 / 8	EX	PPER023	31431382	38,9x9,5x139,7	45	1
								31431385			



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PERKINS DIESEL											
ENG. A 4.212		1/69-12/76	3475 ccm	44 kW (60 PS)	98,48 / 4	IN	PPER024	31431641	44,4x9,48x123,0	45	1
ENG. A 4.236		61 →	3864 ccm	37-65 kW (50-89 PS)	98,48 / 4			31431103			
ENG. T6.354		3/72-2/89	5794 ccm	114 kW (155 PS)	98,48 / 6			31431163			
ENG. T6.354.1		10/73-10/74	5794 ccm	119 kW (162 PS)	98,48 / 6			733819M1			
ENG. T6.354.2, T6.354.3		60 →				EX	PPER025	31431881	36,5x9,46x123,4	45	1
ENG. T6.354.4		6/77-2/89						31431104			
ENG. 6.354		1/64 →	5794 ccm	69-82 kW (94-112 PS)	98,48 / 6			31431109			
ENG. 6.354.2		1/70-12/72	5794 ccm	85 kW (115 PS)	98,48 / 6			31431164			
ENG. 4.212		69 →	3475 ccm	44-47 kW (60-64PS)	98,48 / 4			31431791			
ENG. 4.236		65 →	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4			31431851			
ENG. 4.248		69 →	4064 ccm	53-66 kW (72-90 PS)	101,054 / 4			31431891			
ENG. 4.248.2		69-4/82						31431931			
ENG. 6.354.4		69-12/89	5794 ccm	77 kW (105 PS)	98,48 / 6			733818M1			
ENG. 6.372		1/71-12/75	6100 ccm	82-87 kW (112-118 PS)	101,054 / 6	IN	PPER043	3142H002	44,2x9,5x123,0	30	1
ENG. 6.372.4						EX	PPER044	3142A052	36,5x9,5x123,5 +0.003"	45	1
						IN	PPER026	31431401	44,4x9,55x123,0	45	1
						EX	PPER027	31431411 736815M1	36,5x9,53x123,4 +0.005"	45	1
						IN	PPER028		44,4x9,60x123,0	45	1
						EX	PPER029		36,5x9,58x123,4 +0.010"	45	1
						IN	PPER030		44,4x9,73x123,0	45	1
						EX	PPER031		36,5x9,71x123,4 +0.015"	45	1


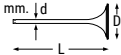




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PERKINS DIESEL											
ENG. A 4.212		1/69-12/76	3475 ccm	44 kW (60 PS)	98,48 / 4	IN	PPER032	31431402	44,4x9,86x123,0	45	1
ENG. A 4.236		61 →	3864 ccm	37-65 kW (50-89 PS)	98,48 / 4			736813M1			
ENG. T6.354		3/72-2/89	5794 ccm	114 kW (155 PS)	98,48 / 6	EX	PPER033	31431412	36,5x9,84x123,4	45	1
ENG. T6.354.1		10/73-10/74	5794 ccm	119 kW (162 PS)	98,48 / 6				+0.030"		
ENG. T6.354.2, T6.354.3		60 →				IN	PPER034	31431403	44,4x10,24x123,0	45	1
ENG. T6.354.4		6/77-2/89				EX	PPER035	31431413	36,5x10,22x123,4	45	1
ENG. 6.354		1/64 →	5794 ccm	69-82 kW (94-112 PS)	98,48 / 6				Grubość grzybka +1,0 [mm]		
ENG. 6.354.2		1/70-12/72	5794 ccm	85 kW (115 PS)	98,48 / 6						
ENG. 4.212		69 →	3475 ccm	44-47 kW (60-64PS)	98,48 / 4	IN	PPER036		44,4x9,48x123,0	45	1
ENG. 4.236		65 →	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4	EX	PPER037		36,5x9,46x123,4	45	1
ENG. 4.248		69 →	4064 ccm	53-66 kW (72-90 PS)	101,054 / 4						
ENG. 4.248.2		69-4/82									
ENG. 6.354.4		69-12/89	5794 ccm	77 kW (105 PS)	98,48 / 6						
ENG. 6.372		1/71-12/75	6100 ccm	82-87 kW (112-118 PS)	101,054 / 6						
ENG. 6.372.4											
ENG. 4.165		76 →	2710 ccm	48 kW (65 PS)	92 / 4	IN	PPER038	31431491 3142H001 061109601	40,5x7,9x114,6	30	1
						EX	PPER039	3142A031 061109611	35,6x7,9x114,6	45	1
ENG. G4.236		60 →	3867 ccm		4	IN	PPER040	31431871 31431315 31431311	44,2x9,5x123,0	45	1
						EX	PPER042	31431701	36,5x9,5x127,1	45	1
ENG. 6.354.4		84 →	5800 ccm		98,48 / 6	IN	PPER040	31431871 31431315 31431311	44,2x9,5x123,0	45	1
ENG. 6.354 - Turbo						EX	PPER044	3142A052	36,5x9,5x123,5	45	1


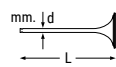




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
PERKINS DIESEL											
ENG. T4.40			3990 ccm	82-88 kW (112-120 PS)	100 / 4	IN	PPER045	3142L071	45,0x9,5x122,9	45	1
ENG. Phaser T4.40 Turbo		86 →	5985 ccm	70 kW (95 PS)	100 / 4	EX	PPER046	3142L061	37,4x9,5x123,3	45	1
ENG. Phaser T6.60 Turbo		86 →	5985 ccm	88 kW (120 PS)	100 / 6						
ENG. Phaser	160T - Turbo	86 →			6						
ENG. Phaser	180TI - Turbo	86 →			6						
ENG. Phaser	110T - Turbo	86 →			6						
ENG. Phaser 4.40 - 6.60	90 125 Serie 1000	86 →			100 / 4/6	IN	PPER047	3142L051	45,0x9,5x122,9	45	1
		86 →				EX	PPER046	3142A051			
		86 →				3142A071	748309M1				
ENG. 1004-4T (59 kW)			3990 ccm	59 kW (80 PS)	100 / 4	IN	PPER048	3142D041	43,0x9,0x123,0	45	1
ENG. 1004-4T (70 kW)		6/99-12/03	3990 ccm	70 kW (95 PS)	100 / 4	EX	PPER049	3142D031	41,0x9,0x123,0	45	1
ENG. 1004-40TA		2/01 →	3990 ccm	88 kW (120 PS)	100 / 4						
ENG. 1006-6TA			5984 ccm	154 kW (209 PS)	100 / 6						
ENG. 1006-6TW		5/00→	5948 ccm	136 kW (183 PS)	100 / 6	IN	PPER063		43,0x9,0x123,0	30	1
						EX	PPER064				
Marine Diesel Series 4008						IN	PPER050	SE7S/14	52,1x11,0x169,7	30	1
						EX	PPER051	SE7R/14	47,7x11,0x169,8	30	1
ENG. 4.236						IN	PPER052		44,2x9,5x123,4	45	1
						EX	PPER053		36,6x9,5x123,8	45	1
ENG. T4.40						IN	PPER054		44,2x9,5x122,9	45	1
						EX	PPER055		36,6x9,5x123,3	45	1
						IN	PPER056		57,5x12,0x158,4	30	2
						EX	PPER057		47,0x12,0x158,0	45	2
						IN	PPER058		45,0x9,5x122,7	30	1


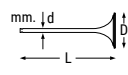




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PERKINS DIESEL											
ENG. Perkins 3000						IN EX	PPER060 PPER061		45,2x9,5x155,4 45,0x10,9x155,7	30 45	1 1
ENG. T4.40, T6.60	Series 1000				100 / 4/6	IN EX	PPER069 PPER046	3142L072 3640597M1 3142A051 3142A071 748309M1	45,0x9,5x123,2 37,4x9,5x123,3	30 45	1 1




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PETTER											
ENG. AV1, AVA1	Series II	52 →	553 ccm		80 / 1	IN/EX	PPET001	336663	34,0x7,9x113,5	45	1
ENG. AV2, AVA2	Series II	52 →	1106 ccm		80 / 2			250506			
ENG. PH1	Air Cooled Engine	62 →	661 ccm	7,4 kW (10 PS)	87,5 / 1			269393			
ENG. PHW1	Water Cooled Engine	62 →	661 ccm		80 / 1						
ENG. PH2	Air Cooled Engine	62 →	1322 ccm		87,5 / 2						
ENG. PHW2	Water Cooled Engine	62 →	1322 ccm		80 / 2						
PJ1 - PJ1W		62 →	810 ccm		96,9 / 1	IN	PPET003	265894	40,2x7,9x125,8	45	1
PJ2 - PJ2W		62 →	1620 ccm		96,9 / 2	EX	PPET004	265893	40,2x7,9x125,8	45	1
PJ3W		62 →	2438 ccm		96,9 / 3						
PJ4 - PJ4W		62 →	3238 ccm		96,9 / 4						
ENG. No.25000	AA1	68 →	220 ccm	3 kW (4 PS)	69,85 / 1	IN/EX	PPET007	320177	28,5x7,2x80,3	45	1
ENG. AB1, AB1W		68 →	261 ccm		76,2 / 1						
ENG. AC1, AC1W/Z		68 →	304 ccm	5,3 kW (7,3 PS)	69,85 / 1						
						IN	PPET008	201-33070	45,8x8,7x117,6	45	1
						EX	PPET009	201-33080	38,8x8,7x117,7	45	1
						IN/EX	PPET010	336865	34,0x7,9x113,5	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT BENZYNA											
ENG. XU 9J4	309 1.9i 16V	2/90-12/93	1905 ccm	116 kW (158 PS)	83 /4	IN	PPET001	0948.61	34,6x7,0x106,4	45	9
	405 1.9i 16V	7/87-12/92						0948.75 96172597 91540748			
ENG. XU 10J4TE/Z	306 S16 16V 405 2.0i Turbo 16V 406 2.0 16V	93 →	1998 ccm	144-159 kW (196-216 PS)	86 /4	EX	PPEU002	0949.62	29,6x7,0x105,8	45	9
		9/92-4/97 →						0949.81 96172795 91540782			
		95 →									
		8/93-4/97									
		1/93-4/97									
		5/97-10/03									
		3/97-6/97									
ENG. XU 10J4	306 2.0i 16V 405 2.0i 16V	8/93-4/97 1/93-4/97	1998 ccm	110-118 kW (150-160 PS)	86 /4						
ENG. XU 10J4RZ	306 2.0i 16V	5/97-10/03	1998 ccm	98 kW (133 PS)	86 /4						
ENG. LFY-XU 7JP4	306 1.8i 16V 406 1.8i 16V	3/97-6/97 95-6/97	1761 ccm	81 kW (110 PS)	83 /4						
ENG. RFV-XU 10J4R	306 2.0i 16V 406 2.0i 16V 605 2.0i 16V	3/97-6/97	1998 ccm	98 kW (133 PS)	86 /4						
		95-6/97									
		94-6/97									
ENG. XU 10J2	306 2.0i 405 2.0i 806 2.0i Boxer 2.0i	8/93-4/97	1998 ccm	89 kW (121 PS)	86 /4	IN	PPEU003	96059361	42,6x8,0x108,8	45	9
		6/92-4/97						9605936180			
		5/94-8/02						0948.66			
		2/94-2/02						96147032			
ENG. XU 10J2CTE, XU 10J2TE	406 2.0i Turbo 605 2.0i Turbo 806 2.0i Turbo	4/96-4/99	1998 ccm	104-110 kW (141-150 PS)	86 /4	EX	PPEU004	96059362	34,5x8,0x108,4	45	9
		7/92-5/99						96117828			
		6/94-8/02						9614703280			
ENG. XU 10J2Z	405 2.0i 605 2.0	6/92-10/95 6/89-5/99	1998 ccm	89-94 kW (121-128 PS)	86 /4			9611782880			
ENG. XU 102C	605 2.0 Boxer 2.0	10/89-5/99 10/89-2/02	1998 ccm	79-85 kW (107-115 PS)	86 /4			0949.66 0949.72			


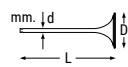




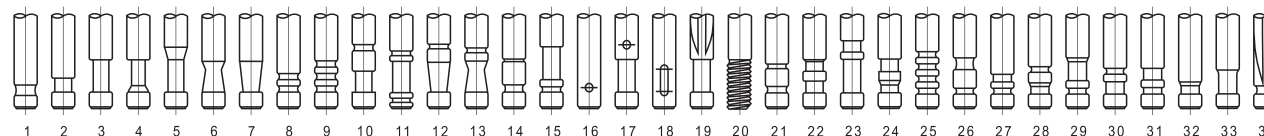
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L	Kąt przyłgni	Typ zamka
PEUGEOT BENZYNA											
ENG. ZDJK, ZDJL	505 2.2i	5/81-12/93	2165 ccm	84-96 kW (114-131 PS)	88 / 4	IN	PPEU005	7701460147	43,9x8,0x112,0	30	1
ENG. ZEJ	505 2.0i	8/79-12/89	1995 ccm	81-83 kW (110-113 PS)	88 / 4			7700635409			
ENG. 829.90	505 TI/STI	81 →	1995 ccm	79 kW (110 PS)	88 / 4			7700644710			
ENG. 851	505 STI/GTI	82 →	2165 ccm	85 kW (117 PS)	88 / 4			7900000680			
						EX	PPEU006	95536524 245390-0 0948.36	38,6x8,0x111,4	45	1
								7701460143			
								7701460148			
								7700701645			
						EX	PPEU084	7700732119 7700644709 7700733512 95536523 0949.38	37,0x8,0x111,4	45	1
								7900000681			
								7910245802			
								7910246494			
								245802-4 0949.30 0949.32			


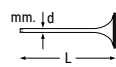




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
PEUGEOT BENZYNA											
ENG. ZM (112)	504 2.7 604 2.7	9/74 → 12/77 8/75 → 6/85	2664 ccm	100 kW (136 PS)	88 / 6	IN	PPEU005	7701460147 7700635409 7700644710 7900000680	43,9x8,0x112,0	30	1
ENG. ZMJ (140)	504 2.7i 604 2.7i	8/77 → 8/84 8/77 → 5/83	2664 ccm	106 kW (144 PS)	88 / 6			95536524 245390-0 0948.36			
ENG. ZNJK	604 2.8i	9/83 → 6/86	2829 ccm	110-114 kW (150-155 PS)	91 / 6			7900000681			
ENG. 9L6	Tagora SX	80 →	2664 ccm	122 kW (163 PS)	88 / 6			7910245802 7910246494 245802-4 0949.30 0949.32			
ENG. 154Z	604 2.9 GTI V6	83 → 87	2489 ccm	112 kW (159 PS)	91 / 6	EX	PPEU084	7900000681 7910245802 7910246494 245802-4 0949.30 0949.32	37,0x8,0x111,4	45	1
ENG. XW 3/XW 5 (109)	104 GL6/GR/SL	72 →	1124 ccm	42 kW (57 PS)	72 / 4	IN	PPEU007	7701459824 7910010826 7910025377 7910025378	36,8x8,0x113,4	30	1
ENG. XW 3 S (121)	104 ZA/ZR/ZS/ZS2	72 →	1124 ccm	49 kW (66 PS)	72 / 4			91506846			
ENG. XW 7 (109F)	104 GLS 205 GL/GR Samba 1.1	83 → 83 → 81 →	1124 ccm	37 kW (50 PS)	72 / 4			95551307 95563504 0948.38			
ENG. XZ 5 (129)	104 SR	79 →	1219 ccm	41 kW (57 PS)	75 / 4			7701459825 7910006855 7910025379 7910025382			
ENG. XY 6 B (150)	104 S/ZS	80 →	1361 ccm	52 kW (72 PS)	75 / 4			7910030808 91502062 95551308 95563505 0949.33 0949.42			
ENG. XYR (156)	104 ZS 2	80 →	1361 ccm	69 kW (93 PS)	75 / 4						
ENG. XY 7 (150D)	205 GR/SR	83 →	1360 ccm	44 kW (60 PS)	75 / 4	EX	PPEU008	7701459825 7910006855 7910025379 7910025382	29,3x8,0x113,6	45	1
ENG. XY 8 (150B)	205 GT	80 →	1361 ccm	53 kW (72 PS)	75 / 4						
ENG. XY8	Samba GLS	82 →	1361 ccm	59 kW (80 PS)	75 / 4						
ENG. XZ5	Samba Rallye	82 →	1219 ccm	66 kW (90 PS)	75 / 4						
ENG. 129, 129D	104 Samba 1.2	79 → 83-86	1219 ccm		75 / 4						
ENG. 150D, 150G, 150B, 150H	104-205 Samba 1.4	80 → 82 →	1360 ccm		75 / 4						


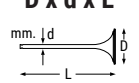




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PEUGEOT BENZYNA											
ENG. TU 1	106 1.1	7/92-4/96	1124 ccm	34-40 kW (46-54 PS)	72 / 4	IN	PPEU009	97531080	36,7x7,0x112,8	30	1
	205 1.1	10/87-12/90						97533266			
ENG. TU 1M	106 1.1i	9/91-5/05	1124 ccm	40-44 kW (54-60 PS)	72 / 4	IN	PPEU051	9627835680	36,7x7,0x112,7	45	1
	205 1.1i	7/89-9/98						0948.58			
	306 1.1i	1/93-4/97						0948.91			
	Partner 1.1i	7/96-8/02						96278356			
ENG. TU 1JP, HFX	106 1.1i	3/00-5/05	1124 ccm	44 kW (60 PS)	72 / 4	EX	PPEU010	97531044	29,2x7,0x112,6	45	1
	206 1.1i	6/98 →						97533264			
	206+ 1.1i	3/09 →						9753104480			
	Partner 1.1i	7/96 →						0949.59			
ENG. TU 1K	106 1.1	9/91-4/96	1124 ccm	40-44 kW (54-60 PS)	72 / 4						
	306 1.1	7/89-12/93									
	309 1.1	7/89-12/93									
ENG. TU 1MZ	205 1.1i	7/89-9/98	1124 ccm	40-44 kW (54-60 PS)	72 / 4						
	309 1.1i	10/90-12/93									
ENG. TU 3A/K	205 1.4	6/87-12/94	1361 ccm	49-53 kW (67-72 PS)	75 / 4						
ENG. TU 3FM2K	106 1.4	9/91-5/05	1361 ccm	55 kW (75 PS)	75 / 4						
ENG. TU 3S	205 1.4	6/87-12/89	1361 ccm	62 kW (85 PS)	75 / 4						
	309 1.4	1/89-1/92									
ENG. TU 3-2	306 1.4	1/93-4/97	1361 ccm	51-55 kW (69-75 PS)	75 / 4						
	Partner 1.4	11/96-8/02									
ENG. TU 3.2/K	106 1.4	9/91-5/05	1361 ccm	55 kW (75 PS)	75 / 4						
	306 1.4	1/93-5/96									
	405 1.4	6/92-4/97									
ENG. TU 3FJ2	106 1.4i	9/91-4/96	1361 ccm	69 kW (94 PS)	75 / 4						
ENG. TU 3.2TR/K			1391 ccm	51-52 kW (69-71 PS)	75 / 4						
ENG. TU 3.2/Z			1361 ccm	55 kW (75 PS)	75 / 4						


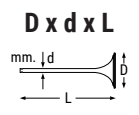




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT BENZYNA											
ENG. TU 3	106 1.4	9/91-4/96	1361 ccm	44-47 kW (60-64 PS)	75 / 4	IN	PPEU009	97531080	36,7x7,0x112,8	30	1
	205 1.4	10/87-12/94						97533266			
	306 1.4	1/93-4/97						9627835680			
	309 1.4	7/89-12/93						0948.58			
	405 1.4	7/89-6/88						0948.91			
ENG. TU 3A (44 kW)	205 1.4	10/87-12/94	1361 ccm	44-50 kW (60-68 PS)	75 / 4	EX	PPEU010	96278356	29,2x7,0x112,6	45	1
	309 1.4	1/88-12/93						97531044			
	405 1.4	7/88-12/92						97533264			
ENG. TU 3A (54 kW)	206+ 1.4i	3/09 →	1361 ccm	54 kW (73 PS)	75 / 4			9753104480			
	207 1.4i	12/05 →						0949.59			
	1007 1.4i	10/04-3/08									
	Bipper 1.4i	2/08 →									
ENG. TU 3FM	106 1.4i	12/92-4/96	1361 ccm	55-58 kW (75-79 PS)	75 / 4						
	205 1.4i	6/91-12/94									
	309 1.4i	10/88-12/93									
ENG. TU 3JP	106 1.4i	5/96-5/05	1361 ccm	54-55 kW (73-75 PS)	75 / 4						
	206 1.4i	6/98-12/05									
	306 1.4i	9/96-10/03									
	307 1.4i	1/02-2/05									
	1007 1.4i	10/04-3/08									
	Partner 1.4i	7/96 →									
	Ranch 1.4i	7/97 →									
ENG. TU 3M	106 1.4i	9/91-2/94	1361 ccm	55-58 kW (75-79 PS)	75 / 4						
	205 1.4i	7/88-9/98									
ENG. TU 3MC	106 1.4i	4/93-4/96	1361 ccm	55 kW (75 PS)	75 / 4						
	205 1.4i	9/92-9/98									
	306 1.4i	1/93-4/97									
	309 1.4i	10/88-12/93									
	405 1.4i	6/92-4/97									

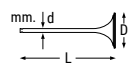




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT BENZYNA											
ENG. XU 5JA	205 1.6i	10/85-9/98	1581	84-90 kW (115-122 PS)	83 / 4	IN	PPEU018	0948.56	41,6x8,0x108,8	45	1
	309 1.6i	11/85-12/93						0948.87			
ENG. XU 5JPZ	406 1.6i	7/96-9/97	1581	58-66 kW (79-90 PS)	83 / 4	EX	PPEU019	91535017	34,5x8,0x108,4	45	1
	Expert 1.6i	2/96 →						91537468			
ENG. XU 5M	205 1.6i	11/90-9/98	1581	65 kW (88 PS)	83 / 4	EX	PPEU019	9153501780	34,5x8,0x108,4	45	1
	309 1.6i	7/89-12/93						0949.57			
	405 1.6i	7/89-4/97						91535019			
ENG. XU 52C (53 kW)	309 1.6	7/88-12/93	1581	53-55 kW (72-75 PS)	83 / 4			91537470			
ENG. XU 52C (65 kW)	309 1.6i	7/88-12/93	1581	65-68 kW (88-92 PS)	83 / 4			9153501980			
	405 1.6i	7/87-4/97									
ENG. XU 52C (69 kW)	309 1.6i	7/89-12/93	1581	69 kW (94 PS)	83 / 4						
ENG. XU 7JB	406 1.8i	9/97-6/04	1762	66 kW (90 PS)	83 / 4						
	Partner 1.8i	3/97-8/02									
	Ranch 1.8i	97 →									
ENG. XU 7JP	306 1.8i	1/93-10/03	1762	73-76 kW (99-103 PS)	83 / 4						
	405 1.8i	6/92-4/97									
	406 1.8i	12/95-3/99									
	806 1.8i	7/95-8/02									
	Expert 1.8i	9/96 →									
	Ranch 1.8i	97 →									
ENG. XU 7JPZ	306 1.8i	5/93-10/03	1762	74-76 kW (101-103 PS)	83 / 4						
	405 1.8i	8/92-10/95									
	806 1.8i	7/95-8/02									
ENG. XU 9C	205 1.9i	10/86-9/98	1905	73-95 kW (100-129 PS)	83 / 4						
	305 1.9i	10/82-7/90									
	309 1.9i	10/85-12/93									
	405 1.9i	7/87-4/97									


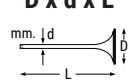




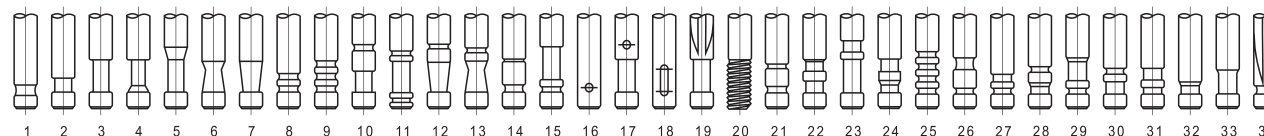
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT BENZYNA											
ENG. XU 9JA/K	205 1.9i	10/86-9/98	1905 ccm	92-94 kW (125-128 PS)	83 / 4	IN	PPEU018	0948.56	41,6x8,0x108,8	45	1
	309 1.9i	10/86-12/93						0948.87			
ENG. XU 9JAZ	205 1.9i	10/87-10/94	1905 ccm	88-90 kW (120-122 PS)	83 / 4			91535017			
	309 1.9i	7/88-12/93						91537468			
	405 1.9i	7/88-12/92						9153501780			
ENG. XU 9M	309 1.9i	7/88-12/93	1905 ccm	80 kW (109 PS)	83 / 4	EX	PPEU019	0949.57	34,5x8,0x108,4	45	1
	405 1.9i	7/88-12/92						91535019			
ENG. XU 5JP	405 1.6i	9/94-4/97	1581 ccm	65 kW (88 PS)	83 / 4			91537470			
	406 1.6i	10/95-6/04						9153501980			
ENG. XU 10J2U (RFW)	Boxer 2.0i	94 →	1998 ccm	80 kW (109 PS)	86 / 4						
ENG. DFZ (XU 9J1)	205 I 1.9 GTI, CTI	3/87-12/94	1905 ccm	72-77 kW (98-105 PS)	83 / 4	IN	PPEU020	91518971	39,5x8,0x105,2	45	1
	205 II 1.9 GTI	10/87-7/94						0948.54			
	305 II 1.9	11/86-12/88						91518972			
	305 II Break 1.9	11/86-12/88									
	309 I 1.9	3/86-7/89									
	309 II 1.9	8/89-12/93									
	405 I 1.9 Injection	7/87-12/92									
405 I Break 1.9	10/88-8/92	0949.54									
ENG. D2B (XU 9S)	305 GTX	84 →	1905 ccm	75 kW (102 PS)	83 / 4						
	309 I 1.9	10/85-7/89									
ENG. XU 92C	405 GE/DL/GR/SR	87 →	1905 ccm	79 kW (107 PS)	83 / 4						


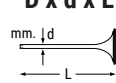




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT BENZYNA											
ENG. XN 2	504 TI	72 →	1971 ccm	81 kW (110 PS)	88 / 4	IN	PPEU022	0948.33	42,6x8,0x118,6	30	1
ENG. XN 1 (106)	504 GL 505 GR/SR	72 → 79 →	1971 ccm	71 kW (96 PS)	88 / 4			0948.55 0948.29			
ENG. XN 6	505 604	79 → 79 →	1971 ccm	75 kW (100 PS)	88 / 4			0948.34 91510548			
ENG. XN 1 T	J5	81 →	1971 ccm	57 kW (78 PS)	88 / 4			7910029730			
ENG. KF 1	404A	62-69	1618 ccm	56 kW (76 PS)	84 / 4			9603170980			
ENG. KF 2	404 GTi	64-69	1618 ccm	65 kW (88 PS)	84 / 4			9151054880			
ENG. XC 7P	J7 J9	71 → 80 →	1618 ccm	40-43 kW (54-58 PS)	84 / 4	EX	PPEU023	0949.27 0949.55	35,5x8,0x112,2	45	1
ENG. XC 5P	505 J7	79 → 69-70	1618 ccm	50 kW (68 PS)	84 / 4			0949.56 91520847			
ENG. XM7 (105), KF	504 L/GL/TI 505 L J5/J7	68 → 68 → 71 →	1796 ccm	55-60 kW (75-82 PS)	84 / 4			7910028074 9609491380			
ENG. TU5J4 (NFX)	106 1.6i 16V	5/96-5/05	1587 ccm	87-88 kW (118-120 PS)	78,5 / 4	IN	PPEU024	96254648 0948.83	28,8x6,0x104,4	45	1
						EX	PPEU025	96254645 0949.89	24,5x6,0x104,4	45	1
ENG. XV 8	104 1.0 205 1.0	9/83-6/88 2/83-10/90	954 ccm	32-33 kW (44-45 PS)	70 / 4	IN	PPEU026	97531079 0948.57	34,7x7,0x112,8	30	1
ENG. TU 9, TU 9K	106 1.0 205 1.0	9/91-4/96 10/87-9/98	954 ccm	33 kW (45 PS)	70 / 4	EX	PPEU027	97531046 0949.58	27,7x7,0x112,6	45	1
ENG. TU 9M	106 1.0i 205 1.0i	11/86-7/88 7/92-9/98	954 ccm	33-37 kW (45-50 PS)	70 / 4						
ENG. TU 9M/Z	205 1.0	7/92-9/98	954 ccm	31-33 kW (41-44 PS)	70 / 4						

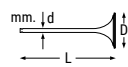




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 			
PEUGEOT BENZYNA														
ENG. RFV (XU 10J4R)	306 2.0i 16V	5/97-10/03	1998 ccm	97-99 kW (132-135 PS)	86 / 4	IN	PPEU028	9628943380	33,3x6,0x106,2	45	1			
	406 2.0i 16V	10/95-9/99						96289433						
	605 2.0i 16V	7/94-5/99						0948.86						
	806 2.0i 16V	5/98-9/00						0948.92						
ENG. LFY (XU 7JP4)	306 1.8i 16V		1761 ccm	81 kW (110 PS)	83 / 4	EX	PPEU029	9629861180	29,0x6,0x103,6	45	1			
	406 1.8i 16V							0949.92				0949.A6	96298611	
ENG. EW10 A	307 2.0i 16V	3/05-12/08	1997 ccm	103 kW (140 PS)	85 / 4	IN	PPEU030	9623950380	33,3x6,0x106,2	45	1			
	307 CC 2.0i 16V	6/05-12/08						0948.99						
	308 2.0i 16V	9/07 →						9636001780				29,0x6,0x103,6	45	1
	407 2.0i 16V	10/05 →												
	807 2.0i 16V	10/05 →												
	Expert 2.0i 16V	1/07 →												
Expert Tepee 2.0i 16V	1/07 →													
ENG. EW10 J4	206 2.0i 16V	1/99 →	1997 ccm	99-100 kW (135-136 PS)	85 / 4	EX	PPEU031	9636001780	29,0x6,0x103,6	45	1			
	307 2.0i 16V	1/02-2/05												
	307 CC 2.0i 16V	6/03-2/05												
	406 2.0i 16V	4/99-2/05												
	407 2.0i 16V	5/04 →												
	607 2.0i 16V	3/00-11/04 →												
	806 2.0i 16V	9/00-8/02												
	807 2.0i 16V	6/02 →												
	Expert 2.0i 16V	3/00 →												
ENG. EW10 J4S	206 2.0i 16V	3/03 →	1997 ccm	130 kW (177 PS)	85 / 4	EX	PPEU031	9636001780	29,0x6,0x103,6	45	1			
	307 2.0i 16V	6/05-9/07												
	307 CC 2.0i 16V	6/03-9/07												

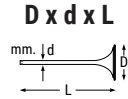




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT BENZYNA											
EN G. E1A	205 309 GL	85 →	1118 ccm	40 kW (54 PS)	74 / 4	IN	PPEU032	0948.51	34,0x8,0x106,8	45	1
		85 →					EX	PPEU033	0949.53 138851 44853V 97516511	28,8x8,0x107,7	45
ENG. TU 3FJ2	106 1.4i	9/91-4/96	1361 ccm	69 kW (94 PS)	75 / 4	IN	PPEU036	96183535	39,4x7,0x111,7	45	9
ENG. TU 2J2/Z	106 1.3i	10/93-4/96	1294 ccm	72-74 kW (98-101 PS)	75 / 4			96101886			
ENG. KFV	206+ 1.4i	3/09 →	1361 ccm	54 kW (73 PS)	75 / 4			0948.73			
ENG. TU 5JP	106 1.6i	6/93-5/05	1587 ccm	65-74 kW (88-101 PS)	78,5 / 4		EX	PPEU037			
	206 1.6i	6/98 →						96101887			
	306 1.6i	1/93-10/03						0949.70			
ENG. TU 5J2	106 1.6i	6/93-5/05	1587 ccm	76-77 kW (103-105 PS)	78,5 / 4	IN	PPEU040	0948.93	39,3x7,0x111,4	45	9
ENG. TU 5JP/2, NFZ, NFY	106 1.6i	98 →	1587 ccm	66 kW (90 PS)	78 / 5		EX	PPEU037	96096852 96101887 0949.70	31,3x7,0x111,5	45
ENG. XU 10J4RS, RFS	306 2.0i 16V	7/96-10/03	1998 ccm	120 kW (163 PS)	86 / 4	IN	PPEU041	0948.82 96246139	34,1x6,0x106,4	45	1
							EX	PPEU042	0949.87 96203976	30,7x6,0x105,3	45
ENG. XUD 11A	605 2.1 TD 12V	6/89-6/94	2138 ccm	60 kW (82 PS)	86 / 4	IN	PPEU043	0948.68	33,9x8,0x122,3	45	9
ENG. XUD 11ATE, XUD 11BTE	406 2.1 TD 12V	12/95-3/99	2088 ccm	80-81 kW (109-110 PS)	85 / 4			96008334			
	605 2.1 TD 12V	6/89-5/99						96007817			
	806 2.1 TD 12V	4/96-8/00						9600781780			
	Expert 2.1 TD 12V	89 →				EX	PPEU044	0949.68 96079213 96042957 9604295780	33,9x8,0x121,9	45	9




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT BENZYNA											
ENG. XU 9J2	205 1.9i	88-7/95	1905 ccm	89-92 kW (121-125 PS)	83 / 4	IN	PPEU047	91537489	41,6x8,0x105,2	45	1
	405 1.9i	7/87-4/97						0948.62			
ENG. XU 7JB, LFX	406 1.8	5/97-10/04	1762 ccm	60 kW (90 PS)	83 / 4	EX	PPEU048	0948.71	34,5x8,0x104,8	45	1
	Partner 1.8	5/97 →						91537491			
ENG. G1A/G1B/G25	205	85 →	1294 ccm	47 kW (64 PS)	76,7 / 4	IN	PPEU052	44842S	35,8x8,0x106,9	45	1
	309 I 1.3 GL/GR	85 →						138849			
	Simca 1000 Rallye	75 →	1294 ccm	60 kW (82 PS)	76,7 / 4	EX	PPEU033	0949.53	28,8x8,0x107,7	45	1
	Simca 1100 Special / TI	75 →						138851			
	Horizon GL	75 →	1294 ccm	50-66 kW (68-90 PS)	76,7 / 4			44853V			
	Simca 1307 GLS/S	75 →						97516511			
	Simca 1308 GT/S	75 →									
	Simca 1309 SX	75 →									
	Horizon GLS/SX	77 →	1442 ccm	51-61 kW (69-83 PS)	80,6 / 4						
	Matra Rancho	77 →									
	Simca 1501 LS	75 →									
	Simca 1501 GL/GLS	81 →									
	Solara GLS/LS	80 →									
	Matra Bagheera 1.3	1/74-3/78	1294 ccm	62 kW (84 PS)	80,6 / 4						
ENG. XJ2	Matra Murena	80 →	1592 ccm	68 kW (92 PS)	80,6 / 4						
	Simca 1100	10/76-09/79	1118 ccm	41-44 kW (56-60 PS)	4						
	Simca 1100 Break	10/76-09/79									


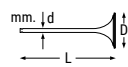




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT BENZYNA											
ENG. TU5 JP4 (NFU)	206 1.6i 16V	3/00 →	1587 ccm	80-82 kW (109-112 PS)	78,5 / 4	IN	PPEU053	0948.A9	31,2x6,0x103,8	45	1
	207 1.6i 16V	12/05-3/08						0948.E0			
	307 1.6i 16V	1/02-12/08						9636298080			
	307 CC 1.6i 16V	6/03-12/08						0949.A8			
	308 1.6i 16V	9/07 →									
	1007 1.6i 16V	10/04-3/08									
Partner Tepee 1.6i 16V	5/08 →										
Ranch 1.6i 16V	01 →	9639417980									
ENG. EW7A, EW7J	407 1.8i 16V	10/05 →	1749 ccm	92 kW (125 PS)	82,7 / 4	IN	PPEU061	0948.A4	29,8x6,0x106,0	45	1
ENG. EW7J4	406 1.8i 16V	10/00-6/04	1749 ccm	85 kW (116 PS)	82,7 / 4	EX	PPEU062	0949.A4	27,2x6,0x104,2	45	1
	407 1.8i 16V	5/04 →									
	607 1.8i 16V	00 →									
EN G. EW10 D, RLZ	206 2.0 HPi 16V	10/00 →	1997 ccm	100-105 kW (136-143 PS)	85 / 4	IN	PPEU063	0948.A7	32,4x6,0x105,0	45	1
	406 2.0 HPi 16V	10/00-6/04						0948.C6			
ENG. ES9 J4S	406 3.0i 24V	12/99-2/05	2946 ccm	150-152 kW (204-207 PS)	87 / 6	IN	PPEU065	0948.A5	35,0x6,0x108,4	45	1
	607 3.0i 24V	3/00-11/04						9630441380			
ENG. ES9A	407 3.0i 24V	5/04 →	2946 ccm	155 kW (211 PS)	87 / 6	EX	PPEU066	0949.A5	30,5x6,0x106,9	45	1
	607 3.0i 24V	12/04 →						9640181380			
ENG. ZN3J (105 kW)	505 2.8i	6/86-12/93	2829 ccm	105 kW (143 PS)	91/6	IN	PPEU094	1235104	38,2x7,9x118,5	45	1
ENG. ZN3J (122 kW)	505 2.8i	6/86-12/93	2829 ccm	122 kW (166 PS)	91/6						
	Hillman Hunter	66 →	1725 ccm	40-50 kW (61-68 PS)	81,539 / 4	IN	PPEU094	1235105	30,6x7,9x118,5	45	1
	Humber Spectre	66 →									
	Paykan	80 →									
	Singer Gazelle/Vogue	66 →									
Sunbeam Alpine/Rapier	66-71										
	Hillman Hunter GLS	69-76	1725 ccm	49-60 kW (67-82 PS)	81,539 / 4	EX	PPEU095	1235105	30,6x7,9x118,5	45	1
	Sunbeam Rapier H120	69-76									


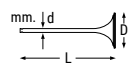




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L	Kąt przyłgni	Typ zamka					
PEUGEOT BENZYNA																
PAYKAN 3000						IN	PPEU096	71262713 25552400	38,1x7,90x109,9	45	1					
						EX	PPEU097	71250985 71261358 25552800	31,2x7,87x109,9	45	1					
						IN	PPEU098	71262714 25552500	38,1x7,97x109,9	45	1					
						EX	PPEU099	71250986 71261359 25552900	31,5x7,94x109,9	45	1					
						IN	PPEU100	71262715 25552600	38,1x8,28x109,9	45	1					
						EX	PPEU101	71250987 25553000	31,2x8,25x109,9	45	1					
						IN	PPEU102	71262716	38,1x8,66x109,9	45	1					
						EX	PPEU103	71250988	31,2x8,63x109,9	45	1					
						IN	PPEU104	7609772 96700311 46531590 46531591	37,5x8,0x108,5	45	1					
						EX	PPEU105	5973129 4403047 4319339	33,4x8,0x108,9	45	1					
						ENG. 220 A2.000	Expert 1.6i		1581 ccm	66 kW (90 PS)	86,4 / 4					

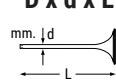


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT BENZYNA											
ENG. ET3J4 (KFU)	206 liftback (2A/C) 1.4 16V	10/03 -	1360 ccm	65 kW (88 PS)	4/75	IN EX	PPEU108	0948.C8	28,2x5,5x100,7	45	9
	206 SW (2E/K) 1.4 16V	10/03 -					PPEU109	0949.C4	24,4x5,5x101,0	45	9
	207 (WA_, WC_) 1.4 16V	02/06 -									
	307 (3A/C) 1.4 16V	11/03 - 07/07									
	307 Break (3E) 1.4 16V	11/03 - 07/07									
	307 SW (3H) 1.4 16V	11/03 - 07/07									
	1007 (KM_) 1.4 16V	10/05 -									
ENG. EP6	207 (WA_, WC_) 1.6 16V VTi	02/07 -	1598 ccm	88 kW (120 PS)		IN EX	PPEU112	0948.E8	28,8x5,0x105,8	45	9
	207 CC (WD_) 1.6 16V	02/07 -					PPEU113	0949.E2	26,0x5,0x110,1	45	9
	207 SW (WK_) 1.6 16V	06/07 -									
	308 (4A_, 4C_) 1.6 16V	09/07 -									
	308 SW (4E_, 4H_) 1.6 16V	09/07 -									
	308 CC (4B_) 1.6 16V	06/09 -									
	3008 nadwozie wielkopojemne (MPV) (OU_) 1.6 VTi	06/09 - 08/16									
5008 (OU_, OE_) 1.6 16V	09/09 -										
ENG. EP6DT (5FR)	PEUGEOT 207 (WA_, WC_) 1.6 16V Turbo	10/09 -	1598 ccm	115 kW (156 PS)							
	PEUGEOT 207 CC (WD_) 1.6 16V Turbo	10/09 -									


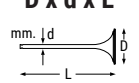




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT DIESEL											
ENG. XUD 7	205 1.8 D	10/83-9/98	1769 ccm	44 kW (60 PS)	80 / 4	IN	PPEU011	0948.46	38,0x8,0x112,4	30	1
	305 1.8 D	10/82-6/88						93501279			
	306 1.8 D	5/93-10/03						93501070			
	309 1.8 D	7/89-12/93						93510415			
	405 1.8 D	10/90-12/92						96005391			
	Partner 1.8 D	7/96-8/02						LGH10051			
ENG. XUD 9 (47 kW)	205 1.9 D	10/87-9/98	1905 ccm	47-52 kW (64-71 PS)	83 / 4	IN	PPEU013	LGH10053	38,5x8,0x112,4	45	1
	305 1.9 D	10/82-7/90						0948.59			
	309 1.9 D	6/86-12/93						0948.63			
ENG. XUD 9Y	205 1.9 D	10/87-9/98	1905 ccm	47-50 kW (64-68 PS)	83 / 4	EX	PPEU012	9601136380	33,0x8,0x111,9	45	1
	306 1.9 D	5/93-4/97						9630597380			
	309 1.9 D	7/96-11/02						12911-86CA0			
	405 1.9 D	7/88-4/97						12911-66G00			
								12832-66G00			
								22211-29000			
								50054982			
								93510773			
								93510774			
								93501280			
		93501072									
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		96005392									
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		0949.47									
		0949.59									
		0949.60									


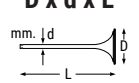




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT DIESEL											
ENG. XUD 7	205 1.8 D	10/83-9/98	1769 ccm	44 kW (60 PS)	80 / 4	EX	PPEU012	0949.64	33,0x8,0x111,9	45	1
	305 1.8 D	10/82-6/88						0949.74			
	306 1.8 D	5/93-10/03						LGH10052			
	309 1.8 D	7/89-12/93						LGH10054			
	405 1.8 D	10/90-12/92						LGH10075			
	Partner 1.8 D	7/96-8/02						9613736280			
ENG. XUD 9 (47 kW)	205 1.9 D	10/87-9/98	1905 ccm	47-52 kW (64-71 PS)	83 / 4			9751669380			
	305 1.9 D	10/82-7/90						12915-86CA0			
	309 1.9 D	6/86-12/93						12915-66G00			
ENG. XUD 9Y	205 1.9 D	10/87-9/98	1905 ccm	47-50 kW (64-68 PS)	83 / 4			22212-29000			
	306 1.9 D	5/93-4/97						50060609			
	309 1.9 D	7/96-11/02						6005392			
	405 1.9 D	7/88-4/97									
ENG. DJ5 T	Boxer 2.5 TD	7/94-4/02	2446 ccm	76 kW (104 PS)	92 / 4	IN	PPEU014	96095457	36,9x7,0x127,9	45	9
ENG. DJ5 TED (THX)	Boxer 2.5 DI TD	10/96-2/02	2446 ccm	76-79 kW (103-107 PS)	92 / 4			97327262			
ENG. DJ5 (T9A)	Boxer 2.5 D	2/94-2/02	2446 ccm	63 kW (86 PS)	92 / 4			0948.72			
ENG. DK5 ATE (THY)	605 2.5 TD	7/94-5/99	2446 ccm	94-96 kW (128-130 PS)	92 / 4	EX	PPEU015	96304239	36,9x7,0x127,5	45	9
								96096146 0949.79			
ENG. XD 2	504 2.3 D	8/76-12/89	2304 ccm	44-51 kW (60-69 PS)	94 / 4	IN	PPEU016	83EM6507AA	40,4x8,5x116,2	30	1
	505 2.3 D	9/79-9/86						0948.37			
	J9 2.3 D	10/80-9/87									
ENG. XD 2P, XD 94	J7 2.3 D	83 →	2304 ccm	49-53 kW (67-72 PS)	94 / 4		PPEU017	78EM6505AA	33,4x8,5x116,2	45	1
	J9 2.3 D	9/76-10/82						7932567888 79325679 0949.25 0949.39			


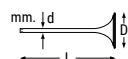




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer Amp 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT DIESEL											
ENG. DV4TD, 8 HX	107 1.4 HDi	6/05-3/08	1398 ccm	40-50 kW (54-68 PS)	73,7 / 4	IN	PPEU034	1145933	32,8x5,5x97,5	45	9
	206 1.4 HDi	9/01 →						1152191			
	206+ 1.4 HDi	3/09 →						0948.C2			
	207 1.4 HDi	2/06 →						Y401-12-111			
	307 1.4 HDi	01/02-2/05						SU00100551			
	1007 1.4 HDi	10/04-3/08						1145932			
	Bipper 1.4 HDi	2/08 →						1152190			
						EX	PPEU035	1202362			
								0949.B1			
								Y401-12-121			
								SU00100552			
ENG. DW10 ATED3	307 2.0 HDi	1/02-2/05	1997 ccm	80 kW (109 PS)	85 / 4	IN	PPEU038	0948.95	35,6x6,0x107,1	45	9
	406 2.0 HDi	10/98-6/04						9624774280			
	607 2.0 HDi	3/00 →						0949.96			
	806 2.0 HDi	8/99-8/02						9624774580			
	Expert 2.0 HDi	10/99 →									
ENG. DW10 BTED	Expert 2.0 HDi	10/99 →	1997 ccm	70 kW (95 PS)	85 / 4						
ENG. DW10 TD, RHY	206 2.0 HDi	4/99 →	1997 ccm	66 kW (90 PS)	85 / 4	EX	PPEU039		33,8x6,0x107,1	45	9
	306 2.0 HDi	6/99-10/03									
	307 2.0 HDi	8/00-5/05									
	406 2.0 HDi	4/99-6/04									
	Boxer II 2.0 HDi	2/02 →									
	Partner 2.0 HDi	12/99-8/05									
ENG. DW10 UTD			1997 ccm	63-68 kW (86-92 PS)	85 / 4						


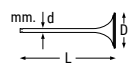




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT DIESEL											
EN G. TUD 5, VJY, VJZ	106 1.5 D 106 1.5 XAD	7/94-5/05 94 →	1527 ccm	40-42 kW (54-57 PS)	77 / 4	IN	PPEU045	96150145 0948.74 0948.A8 13201-6F900	37,0x7,0x108,4	45	1
						EX	PPEU046	96150144 0949.80 13202-6F900			
ENG. DJ5 T	Boxer 2.5 TD	7/94-4/02	2446 ccm	76 kW (104 PS)	92 / 4	IN	PPEU049	96180328 0948.84	41,0x7,0x115,6	45	9
ENG. DJ5 TED (THX)	Boxer 2.5 DI TD	10/96-2/02	2446 ccm	76-79 kW (103-107 PS)	92 / 4	EX	PPEU050	96267448 0949.90			
ENG. 8140.43N.3585 Euro 3	Boxer II 2.8 HDi	8/04 →	2798 ccm	108 kW (146 PS)	94,4 / 4	IN	PPEU055	4757358 7301820 504069200 7701030863 7701462678 7701463603 7701467250 0948.A2	41,0x8,0x120,8	30	1
ENG. 8140.43S.4030 Euro 3	Boxer 2.8 HDi Boxer II 2.8 HDi	9/00-2/02 2/02 →	2798 ccm	92-94 kW (125-128 PS)	94,4 / 4	EX	PPEU056	99432837 5001836573 0949.A0			


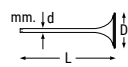




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT DIESEL											
ENG. DV6BTED4 Euro 4	206 1.6 HDi 16V	5/04 →	1560 ccm	55 kW (75 PS)	75 / 4	IN	PPEU067	0948.C7	25,6x5,5x96,4	45	9
	207 1.6 HDi 16V	12/05-3/08						1229882			
	307 1.6 HDi 16V	1/04-12/08						30711498			
	308 1.6 HDi 16V	9/07-12/07						9645024780			
	407 1.6 HDi 16V	5/04 →						3M5Q6507AA			
	1007 1.6 HDi 16V	1/07-3/08						Y6011-2111			
	Partner 1.6 HDi 16V	7/05 →						11347805968			
	Partner Tepee 1.6 HDi 16V	5/08 →									
ENG. DV6TED4 Euro 4	206 1.6 HDi 16V	5/04 →	1560 ccm	80 kW (109 PS)	75 / 4	EX	PPEU068	0949.C3	23,4x5,5x96,6	45	9
	206 CC 1.6 HDi 16V	5/04 →						1229883			
	207 1.6 HDi 16V	12/05 →						30711497			
	207 CC 1.6 HDi 16V	3/07 →						9640840080			
	307 1.6 HDi 16V	2/04 →						3M5Q6505AA			
	308 1.6 HDi 16V	9/07 →						Y6011-2121			
	407 1.6 HDi 16V	5/04 →						11347805969			
	1007 1.6 HDi 16V	1/07-3/08									
	3008 1.6 HDi 16V	1/10 →									
	5008 1.6 HDi 16V	9/09 →									
	Partner 1.6 HDi 16V	7/05 →									
	ENG. DV6ATED4 Euro 4	207 1.6 HDi 16V						12/05-3/08			
307 1.6 HDi 16V		3/05-12/08									
308 1.6 HDi 16V		9/07 →									
Partner 1.6 HDi 16V		10/05 →									
ENG. DV6UTED4 Euro 4	Expert 1.6 HDi 16V	1/07 →	1560 ccm	68 kW (92 PS)	75 / 4						
	Expert Tepee 1.6 HDi 16V	1/07 →									
	Partner 1.6 HDi 16V	1/07 →									
	Partner Tepee 1.6 HDi 16V	5/08 →									


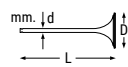




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT DIESEL											
ENG. DW10ATED4, RHT, RHW, RHM	307 2.0 HDi 16V	8/01-5/04	1997 ccm	79-80 kW (107-109 PS)	85 / 4	IN	PPEU069	9635317980	30,0x6,0x106,2	45	9
	406 2.0 HDi 16V	8/01-5/04						1231931			
	607 2.0 HDi 16V	12/05 →						0948.C0			
	806 2.0 HDi 16V	8/99-8/08						9635318480			
	807 2.0 HDi 16V	6/02 →									
	Expert 2.0 HDi	10/99 →									
Ranch 2.0 HDi	01 →	0949.A9									
ENG. DW12TED4 (4 HX)	406 2.2 HDi 16V	3/00-2/05	2197 ccm	94-100 kW (128-136 PS)	85 / 4	IN	PPEU071	9627184380	30,0x6,0x105,0	45	9
	607 2.2 HDi Biturbo 16V	3/00 →						0948.A3			
	807 2.2 HDi 16V	6/02 →						1231931			
ENG. DW12UTED	Boxer II 2.2 HDi 16V	2/02-6/06	2197 ccm	74 kW (100 PS)	85 / 4	EX	PPEU072	3M5Q6507BA	25,0x6,0x105,0	45	9
ENG. DW10BTED4 (RHR)	307 2.0 HDi 16V	10/03-12/08	1997 ccm	100 kW (136 PS)	85 / 4			EX			
	307 CC 2.0 HDi 16V	6/05-12/08				9634437580					
	308 2.0 HDi 16V	9/07 →									
	407 2.0 HDi 16V	5/04 →									
	607 2.0 HDi 16V	12/05 →									
	807 2.0 HDi 16V	12/05 →									
Expert 2.0 HDi 16V	1/07 →	3M5Q6505BA									
ENG. DW12BTED4	407 2.2 HDi Biturbo 16V	3/06 →	2179 ccm	125 kW (170 PS)	85 / 4	EX	PPEU076	83EM6507BB	42,5x8,5x116,0	45	1
	607 2.2 HDi Biturbo 16V	5/06 →						93500418			
	807 2.2 HDi Biturbo 16V	08 →						0948.44			
ENG. XD 3, XD 3P	504 2.5 D 505 2.5 D J9 2.5 D	7/87-12/89	2498 ccm	51-58 kW (70-79 PS)	94 / 4	IN	PPEU076	0948.49	35,5x8,5x116,3	45	1
		6/81-12/93						0948.53			
		7/82-6/87				EX	PPEU077	83EM6505AB			
								93500889			
								0949.45			
								0949.50			


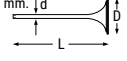




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT DIESEL											
ENG. CRD 93 LS	J5 2.5 TD J9 2.5 D	7/87-12/93 7/87-12/93	2499 ccm	70 kW (95 PS)	93 / 4	IN	PPEU090	5478734 5478734G 95569116 9555275080	42,0x8,0x121,5	45	9
ENG. U25/651		10/83 →	2499 ccm	54-55 kW (73-75 PS)	93 / 4	EX	PPEU091	5471746 0948.45 5457479 9555275280 95569117 5414239 0949.46	35,0x9,0x121,5	45	9
ENG. TUD 3 (K9A)	106 1.4 D	92-96	1361 ccm	39 kW (53 PS)	75 / 4	IN	PPEU106	95638449	35,5x7,0x108,4	45	1
ENG. TUD 3Y (K9Y)	106 1.4 D	92-96	1361 ccm	37 kW (50 PS)	75 / 4	EX	PPEU107	96012815 0948.69 95638450 96012816 0949.71	30,6x7,0x108,2	45	1
ENG. DV4C (8HR)	206+ (2L_, 2M_) 1.4 HDi eco 70 207 (WA_, WC_) 1.4 HDi 208 (CA_, CC_) 1.4 HDi 208 Furgon (CR_) 1.4 HDi 2008 (CU_) 1.4 HDi	01/09 → 02/06 → 03/12 → 10/12 → 06/13 →	1398 ccm	50 kW (68 PS)	4	IN EX	PPEU110 PPEU111	0948.F7 0949.F5	30,2x5,5x95,6 27,5x5,5x95,5	45 45	9 9
ENG. DV6C (9HD)	308 (4A_, 4C_) 1.6 HDi 308 SW (4E_, 4H_) 1.6 HDi 308 CC (4B_) 1.6 HDi 4008 1.6 HDi AWC	03/13 → 03/13 - 03/17 03/13 → 05/12 →	1560 ccm	82 kW (112 PS)	4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PEUGEOT DIESEL											
ENG. DV6C (9HL)	Partner Tepee 1.6 HDi	08/10 →	1560 ccm	82 kW (112 PS)	4	IN EX	PPEU110	0948.F7	30,2x5,5x95,6	45	9
	Partner Tepee 1.6 HDi	03/13 →					PPEU111	0949.F5	27,5x5,5x95,5	45	9
	Partner Tepee 1.6 HDi	03/13 →									
ENG. DV6C (9HR)	207 (WA_, WC_) 1.6 HDi 110	11/08 →	1560 ccm	82 kW (112 PS)	4						
	207 CC (WD_) 1.6 HDi	08/09 →									
	207 SW (WK_) 1.6 HDi	08/09 →									
	308 (4A_, 4C_) 1.6 HDi	12/09 →									
	308 SW (4E_, 4H_) 1.6 HDi	12/09 →									
	308 CC (4B_) 1.6 HDi	06/09 →									
	508 I (8D_) 1.6 HDi	11/10 →									
	508 SW I (8E_) 1.6 HDi	11/10 →									
	3008 nadwozie wielkopojemne (MPV) (OU_) 1.6 HDi	12/09 - 08/16									
	5008 (OU_, OE_) 1.6 HDi	08/10 →									
ENG. DV6CTED (9HD)	208 (CA_, CC_) 1.6 HDi	03/12 →	1560 ccm	84 kW (114 PS)	4						
	508 I (8D_) 1.6 HDi	02/12 →									
	508 SW I (8E_) 1.6 HDi	02/12 →									
	2008 (CU_) 1.6 HDi	03/13 →									
	3008 nadwozie wielkopojemne (MPV) (OU_) 1.6 HDi	03/13 - 08/16									
	5008 (OU_, OE_) 1.6 HD	03/13 →									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
PORSCHE BENZYNA											
	924	75 →	1984 ccm	92 kW (125 PS)	86,5 / 4	IN	PPOR003	046109601B	40,0x9,0x137,0	45	1
						EX	PPOR004	046109611A	33,0x9,0x137,0	45	1
ENG. M28.11, M28.12	928 4.7 S	9/79-7/83	4664 ccm	221 kW (300 PS)	97,0 / 8	IN	PPOR009	92810540902	45,0x9,0x111,5	45	1
ENG. M28.21, M28.22	928 4.7 S	8/83-7/86	4664 ccm	228 kW (310 PS)	97,0 / 8			92810540903			
ENG. M44.01	944 2.5	6/82-7/87	2479 ccm	120 kW (163 PS)	100,0 / 8	EX	PPOR010	92810541004	40,0x9,0x112,4	45	1
ENG. M44.07, M44.08	924 2.5 S 924 2.5 S (USA)	9/85-7/87 9/85-7/87	2479 ccm	110 kW (150 PS)	100,0 / 8						
ENG. M44.09, M44.10	924 2.5 S 944 2.5	8/87-7/88 8/87-7/88	2479 ccm	118-120 kW (160-163 PS)	100,0 / 8						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przylgni 	Typ zamka 
PORSCHE DIESEL											
ENG. F 217	Allgaier Standard T	60-63	1374 ccm	15 kW (20-22 PS)	90 / 2	IN	PPOR001	001330105	37,9x8,0x155,4	45	9
ENG. F 208	Allgaier Standard	57-63	1644 ccm	18 kW (25 PS)	90 / 2	EX	PPOR002	001330205	33,9x8,0x155,4	45	9
ENG. F 108	Allgaier Junior	57-63	822 ccm	10 kW (14 PS)	95 / 1						
ENG. F 207	Allgaier Standard Allgaier AP 18	57-63	1531 ccm	16 kW (22 PS)	95 / 2						
ENG. F 308	Allgaier Super	57-63	2467 ccm	28 kW (38 PS)	95 / 3						
ENG. F 408	Allgaier P 144	57-63	3289 ccm	36 kW (50 PS)	95 / 4						
ENG. F 219	Allgaier Standard Star	60-63	1750 ccm	22 kW (30 PS)	98 / 2						
ENG. F 319	Allgaier Super L	60-63	2625 ccm	29 kW (40 PS)	98 / 3						
ENG. F 329	Allgaier Super Expert	60-63	2625 ccm	26 kW (35 PS)	98 / 3						
Eng. F 419	Allgaier Master	60-63	3500 ccm	37 kW (50 PS)	98 / 4						
RABA → IKARUS 209 → MAN 267 RELIANT → FORD/FORDSON 164											


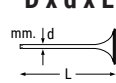




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
RENAULT BENZYNA											
ENG. E5F 710, 716	Clio I 1.2	9/90-2/98	1171 ccm	40-44 kW (54-60 PS)	75,8 / 4	IN	PREN001	7701465088	37,5x7,0x107,8	30	1
ENG. E6J 700	Clio I 1.4i R19 1.4 R19 1.4i	6/90-12/92 12/01 → 9/88-12/01	1390 ccm	40-59 kW (55-80 PS)	75,8 / 4	EX	PREN002	7700273371 7700273373 7700853390	33,6x7,0x107,8	45	1
ENG. E6J 701, 706	R19 1.4i	9/88-12/01	1390 ccm	40-59 kW (55-80 PS)	75,8 / 4						
ENG. E6J 734, 738	Express 1.4i R19 1.4i Rapid 1.4i	3/86-9/97 9/88-12/01 9/91-9/97		40-59 kW (55-80 PS)	75,8 / 4						
ENG. E6J 760	Clio I 1.4	6/90-2/98	1390 ccm	40-59 kW (55-80 PS)	75,8 / 4						
ENG. E6J 712	Clio I 1.4i Express 1.4i	6/90-2/98 3/86-9/97	1390 ccm	43-57 kW (58-77 PS)	75,8 / 4						
ENG. E6J 713, 718	Clio I 1.4	6/90-2/98	1390 ccm	43-57 kW (58-77 PS)	75,8 / 4						
ENG. E7F 700, 704, 706	Clio I 1.2i	6/90-2/98	1171 ccm	40-44 kW (54-60 PS)	75,8 / 4						
ENG. E7F 730	R19 1.2i	5/92-12/01	1171 ccm	40-44 kW (54-60 PS)	75,8 / 4						
ENG. E7F 708, 750	Clio I 1.2i R19 1.2i	1/94-2/98 5/92-12/01	1171 ccm	40-43 kW (54-58 PS)	75,8 / 4						
ENG. E7J 601, 719	Clio I 1.4i	6/90-2/98	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						
ENG. E7J 624	Mégane 1.4i	1/96-2/99	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						
ENG. E7J 634, 635	Clio II 1.4i Kangoo 1.4i	3/99-10/07 9/98 →	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						
ENG. E7J 700	Clio II 1.4i Kangoo 1.4i R19 1.4i	3/98 → 3/98 → 5/90-12/01	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						
ENG. E7J 706, 707, 742, 745	R19 1.4i	1/92 →	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						
ENG. E7J 710, 711, 718	Clio I 1.4i	6/90-2/98	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						


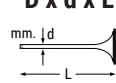




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
RENAULT BENZYNA											
ENG. K7M 704, 790	Mégane 1.6i	1/96-9/03	1598 ccm	55-66 kW (75-90 PS)	79,5 / 4	IN	PREN001	7701465088	37,5x7,0x107,8	30	1
	Mégane Classic 1.6i	9/96-3/99						7700273371			
	Mégane Grandtour 1.6i	3/99-8/03						7700273373			
ENG. K7M 750	Kangoo II 1.6i 16V		1598 ccm	55-66 kW (75-90 PS)	79,5 / 4			7700853390			
ENG. K7M 744, 745	Clio II 1.6i	3/98 →	1598 ccm	66 kW (90 PS)	79,5 / 4			6001548030			
ENG. K7M 746	Clio II 1.6i	10/99 →	1598 ccm	66 kW (90 PS)	79,5 / 4	EX	PREN002	8200243523	33,6x7,0x107,8	45	1
	Kangoo II 1.6i	9/99 →						7701465090			
ENG. K7M 710	Logan 1.6i	04 →	1598 ccm		79,5 / 4			7700865832			
	Sandero 1.6i							7700865934			
ENG. C3J.B700	Express 1.4	90 →	1390 ccm		75,8 / 4			7701468419			
ENG. K7J.A7/B7	Kangoo 1.4i	97 →	1390 ccm		75,8 / 4			7701468149			
	Clio 1.4i	98 →						6001548029			
	Kangoo Express 1.4i	98 →						8200243524			
ENG. F2N 700, 704, 708, 730, 796, 797, 798; F3N 708	R 9 1.7/1.7i	9/84-3/91	1721 ccm	54-70 kW (73-95 PS)	81 / 4	IN	PREN003	7701463081	38,1x8,0x111,5	30	1
	R 11 1.7/1.7i	10/83-3/91						7700713788			
ENG. F2N 711, 716, 750, 752, 753, 754, 758, 786; F3N 723, 726; F2R 702	R 21 1.7/1.7i	3/86-12/95	1721 ccm	54-70 kW (73-95 PS)	81 / 4	EX	PREN004	3342278-3	32,5x8,0x111,3	45	1
				7701463082							
ENG. F2N 720	R 19 1.7	9/88-12/95	1721 ccm	54-70 kW (73-95 PS)	81 / 4			7701463944			
	R 21 1.7	3/86-3/92						7700713790			
ENG. F2N 721, 722, 724, 726, 727, 728; F3N 741, 743	R 19 1.7/1.7i		1721 ccm	54-70 kW (73-95 PS)	81 / 4			7701463510			
								3343738-5			
ENG. F2N 742; F3N 722	R 5 1.7/1.7i	10/86-12/96	1721 ccm	54-70 kW (73-95 PS)	81 / 4						
	R 9 1.7/1.7i	10/86-3/91									
	R 11 1.7/1.7i	10/83-3/91									
	R 21 1.7/1.7i	3/86-12/95									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT BENZYNA											
ENG. F3N 702, 716, 717	R 5 1.7i	10/86-12/96	1721 ccm	54-70 kW (73-95 PS)	81 / 4	IN	PREN003	7701463081	38,1x8,0x111,5	30	1
ENG. F1N 720, 722, 724	Trafic 1.7	10/84-10/97	1721 ccm	50-58 kW (68-79 PS)	81 / 4	EX	PREN004	7700713788	32,5x8,0x111,3	45	1
ENG. F2N 710	R 5 1.7	6/87-12/96	1721 ccm	60-68 kW (82-92 PS)	81 / 4			3342278-3			
	R 9 1.7	10/86-3/91			7701463082						
	R 11 1.7	10/83-3/91			7701463944						
	R 21 1.7	3/86-12/88			7700713790						
ENG. F2N 732	R 11 1.7i	10/83-3/91	1721 ccm	60-68 kW (82-92 PS)	81 / 4			7701463510			
ENG. F2N 740	R 5 1.7	6/87-12/96	1721 ccm	60-68 kW (82-92 PS)	81 / 4			3343738-5			
ENG. F2N 770	Clio I 1.7	6/90-3/96	1721 ccm	60-68 kW (82-92 PS)	81 / 4			3342399-7			
ENG. F2N 712	R 9 1.7	10/86-3/91	1721 ccm	53-56 kW (72-76 PS)	81 / 4						
	R 11 1.7	10/83-3/91									
	R 21 1.7	3/86-12/95									
ENG. F3N 718	R 5 1.7i	10/86-12/96	1721 ccm	53-77 kW (72-76 PS)	81 / 4						
	R 9 1.7i	9/84-3/91									
	R 11 1.7i	10/84-3/91									
	R 19 1.7i	10/89-4/92									
	R 21 1.7i	3/86-12/95									
ENG. F3N 740	R 19 1.7i	9/88-12/95	1721 ccm	53-77 kW (72-76 PS)	81 / 4						
	R 21 1.7i	3/86-12/95									
ENG. F3N 742, 746	R 19 1.7i	9/88-12/95	1721 ccm	53-77 kW (72-76 PS)	81 / 4						


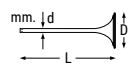




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT BENZYNA											
ENG. F7P 700, 704	R 19 1.8i 16V	6/89-12/95	1764 ccm	99-103 kW (135-140 PS)	82 / 4	IN	PREN005	7701465172	30,7x7,0x107,5	45	1
ENG. F7P 720, 722	Clio I 1.8i 16V	3/91-3/96	1794 ccm	99-103 kW (135-140 PS)	82,7 / 4	EX	PREN006	7701465173	28,6x7,0x108,3	45	1
ENG. F7-B539	R 19 16V	88 →	1764 ccm		82 / 4	EX	PREN074	7700747324	28,6x7,0x109,1	45	1
ENG. J5R 716, 722, 726	Trafic 2.0	9/80-10/97	1995 ccm	58-63 kW (79-86 PS)	88 / 4	IN	PREN007	7701460147	43,9x8,0x112,0	30	1
ENG. J5R 718, 728	Master P28 2.0	10/86-9/97	1995 ccm	58-63 kW (79-86 PS)	88 / 4			7700635409			
	Master T28 2.0	10/86-7/98						7700644710			
	Master T30 2.0	10/86-7/98						7900000680			
	Master T35 2.0	10/86-7/98						95536524			
ENG. J5R A7	Trafic P 862	83 →	1995 ccm	58-63 kW (79-86 PS)	88 / 4			245390-0			
ENG. J6R 234, 236, 734	Espace I 2.0	7/84-12/90	1995 ccm	74-81 kW (101-110 PS)	88 / 4	EX	PREN008	0948.36	38,6x8,0x111,4	45	1
ENG. J6R 706, 707, 760, 762, 763	R 25 2.0	1/84-12/92	1995 ccm	74-81 kW (101-110 PS)	88 / 4			7701460143			
ENG. J6R 710, 712, 713, 726	Fuego 2.0	10/80-10/85	1995 ccm	74-81 kW (101-110 PS)	88 / 4			7701460148			
ENG. J6R 711, 714, 715, 716	Fuego 2.0	10/80-10/85	1995 ccm	74-81 kW (101-110 PS)	88 / 4			7700701645			
	R 18 2.0	10/81-2/86						7700732119			
	R 20 2.0	9/80-12/83						7700644709			
ENG. J6R 758, 759, 792, 793	R 21 2.0	3/86-3/93	1995 ccm	74-81 kW (101-110 PS)	88 / 4			7700733512			
ENG. J7R 720	R 21 2.0i 12V	10/86-12/95	1995 ccm	99-103 kW (135-140 PS)	88 / 4			95536523			
	R 25 2.0i 12V	10/88-12/92						0949.38			
ENG. J7R 721, 726	R 25 2.0i 12V	10/88-12/92	1995 ccm	99-103 kW (135-140 PS)	88 / 4			7900000681			
ENG. J7R 740, 754	R 21 2.0i 12V	5/89-12/95	1995 ccm	99-103 kW (135-140 PS)	88 / 4	7910245802					
ENG. J7R 738, 739	Safrane 2.0i 12V	4/92-9/96	1995 ccm	97-103 kW (132-140 PS)	88 / 4	7910246494					
ENG. J7R 722, 723, 730	R 25 2.0i	6/87-12/92	1995 ccm	77-88 kW (105-120 PS)	88 / 4	245802-4					
ENG. J7R 732	R 21 2.0i	5/91-3/93	1995 ccm	77-88 kW (105-120 PS)	88 / 4	0949.30					
	Safrane 2.0i	4/92-9/96				0949.32					
ENG. J7R 733	Safrane 2.0i	4/92-9-96	1995 ccm	77-88 kW (105-120 PS)	88 / 4						


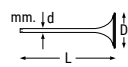




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
RENAULT BENZYNA											
ENG. J7R 746, 747, 751 ENG. J7R 750	R 21 2.0i	10/86-12/95	1995 ccm	77-88 kW (105-120 PS)	88 / 4	IN	PREN007	7701460147	43,9x8,0x112,0	30	1
	R 21 2.0i	10/86-3/93	1995 ccm	77-88 kW (105-120 PS)	88 / 4			7700635409			
	R 25 2.0i	6/89-12/92						7700644710			
ENG. J7R 760	Espace I 2.0i	6/87-12/90	1995 ccm	77-88 kW (105-120 PS)	88 / 4	EX	PREN008	7900000680	38,6x8,0x111,4	45	1
ENG. J7R 756	R 21 2.0i Turbo	5/89-3/93	1995 ccm	119-121 kW (162-165 PS)	88 / 4			7701460143			
ENG. J7R 768	Espace II 2.0i	1/91-9/96	1995 ccm	76-77 kW (103-105 PS)	88 / 4			7701460148			
ENG. J7T 707, 708, 714, 715, 730, 731, 732, 733	R 25 2.2i	1/84-12/92	2165 ccm	67-93 kW (91-126 PS)	88 / 4	EX	PREN065	245390-0	37,0x8,0x111,4	45	1
ENG. J7T 736, 755, 756	R 21 2.2i	7/86-12/95	2165 ccm	67-93 kW (91-126 PS)	88 / 4			7700701645			
ENG. J7T 600, 780	Trafic 2.2i	3/89-10/97	2165 ccm	67-93 kW (91-126 PS)	88 / 4			7700732119			
ENG. J7T 782, 788	Master T28 2.2i	9/80-9/97	2165 ccm	67-93 kW (91-126 PS)	88 / 4	EX	PREN065	7700644709	37,0x8,0x111,4	45	1
ENG. J7T 718	Fuego 2.2	10/83-10/85	2165 ccm	67-81 kW (91-110 PS)	88 / 4			7700733512			
	R 18 2.2	10/83-2/86						95536523			
ENG. J7T 762	Safrane 2.2i	4/92-9/96	2165 ccm	67-81 kW (91-110 PS)	88 / 4	EX	PREN065	0949.38	37,0x8,0x111,4	45	1
ENG. J7T 770	Espace I 2.2i	7/86-12/90	2165 ccm	67-81 kW (91-110 PS)	88 / 4			7900000681			
ENG. J7T 772, 733, 776	Espace II 2.2i	1/91-9/96	2165 ccm	67-81 kW (91-110 PS)	88 / 4			7910245802			
ENG. J7T 754	R 21 2.2i	7/86-12/94	2165 ccm	79-103 kW (107-140 PS)	88 / 4	EX	PREN065	7910246494	37,0x8,0x111,4	45	1
ENG. J7T 760, 763, 766, 767	Safrane 2.2i	4/92-9/96	2165 ccm	79-103 kW (107-140 PS)	88 / 4			245802-4			
	Safrane 2.2i 12V	4/92-9/96	2165 ccm					0949.30			
ENG. 829.710	Fuego 2.0 R 20 2.0	10/80-10/85 10/77-12/83	1995 ccm	80 kW (109 PS)	88 / 4			0949.32			


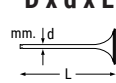




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT BENZYNA											
ENG. J7R 752	R 21 2.0i Turbo	4/87-3/92	1995 ccm	119-129 kW (162-175 PS)	88 / 4	IN	PREN007	7701460147	43,9x8,0x112,0	30	1
ENG. J7T 706	R 25 2.2i	1/84-10/86	2165 ccm	89 kW (121 PS)	88 / 4			7700635409			
ENG. Z7V 709, 711	R 25 2.7i	1/84-8/89	2664 ccm	104-106 kW (142-144 PS)	88 / 6			7700644710			
ENG. 140.04	R 30 2.7i	10/78-12/83	2664 ccm	103 kW (140 PS)	88 / 6			7900000680			
ENG. 112, 144.01	R 30 2.7	2/75-9/81	2664 ccm	85-96 kW (116-131 PS)	88 / 6			95536524			
ENG. Z6W 700	Alpine A 610 2.9i	3/85-12/92	2849 ccm	116-118 kW (158-160 PS)	91 / 6			245390-0			
ENG. Z7W 712, 713, 717	Espace II 2.9i	1/91-9/96	2849 ccm	110-115 kW (150-156 PS)	91 / 6			0948.36			
ENG. Z7W 700, 706, 707	R 25 2.8i	6/87-12/92	2849 ccm	110-115 kW (150-156 PS)	91 / 6	EX	PREN065	7900000681	37,0x8,0x111,4	45	1
ENG. Z7W 701, 702, 709	R 25 2.8i	4/84-12/92	2849 ccm	100-115 kW (136-156 PS)	91 / 6			7910245802			
								7910246494			
								245802-4			
								0949.30			
								0949.32			

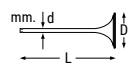




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
RENAULT BENZYNA																
ENG. X5G (129-C-710)	R 14 GTL/L/TL	76-79	1218 ccm	43 kW (58 PS)	75 / 4	IN	PREN009	7701459824	36,8x8,0x113,4	30	1					
	R 1210	76-79	1218 ccm	43 kW (58 PS)	75 / 4			7910010826								
ENG. 145	R 14 TS	76-79	1218 ccm	43 kW (58 PS)	75 / 4			7910025377								
	R 1211	76-79	1218 ccm	43 kW (58 PS)	75 / 4			7910025378								
ENG. X5J (129-A-700)	R 14 GTL/TL	79 →	1361 ccm	44 kW (59 PS)	75 / 4			91506846								
ENG. X6J (150-A-700)	R 14 GTS/LS/TS	79 →	1361 ccm	52 kW (71 PS)	75 / 4			95551307								
		79 →	1361 ccm	52 kW (71 PS)	75 / 4			95563504								
		79 →	1361 ccm	52 kW (71 PS)	75 / 4			0948.38								
								EX				PREN010	7701459825	29,3x8,0x113,6	45	1
													7910006855			
								7910025379								
								7910025382								
								7910030808								
								91502062								
								95551308								
								95563505								
								0949.33								
								0949.42								



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT BENZYNA											
ENG. 813	R 4 F/FS/FSA/TL	72 →	852 ccm	22 kW (29 PS)	61,4 / 4	IN	PREN011	7701458180	33,4x7,0x89,9	45	1
ENG. C1C (689)	R 5 GTL/GTS/TL	72 →	956 ccm	33 kW (45 PS)	65 / 4			7701458186			
ENG. C1E (688-01/-06/-09)	R 4 GTL/GTP/TL/F4/ Pick-Up/Rodeo	76 →	1108 ccm	33-36 kW (45-48 PS)	70 / 4	EX	PREN012	3104401-9			
	R 5 GL/GTL/GPL/TL/ Rodeo	76 →						7701458190			
	R 7 GTL	75 →						7700505115			
	R 9 C/GTC/TC/TCE	81 →						7700560792			
	R 11 GTC/TC/TCE	83 →					7701460256				
ENG. C1E (688-01/-06/-09)	R 6 TL/Rodeo	70-75	1108 ccm	33-36 kW (45-48 PS)	70 / 4			3100519-2			
	R 8 S	75 →					560792E				
ENG. C1E (688-02/-06)	R 10	74 →	1289 ccm?	44 kW (60 PS)?	73 / 4						
ENG. 142	R 1190	74 →	1289 ccm?	44 kW (60 PS)?	73 / 4						
	R 12 L/TL/TS										
ENG. 810	R 1179	74 →	1289 ccm	44 kW (60 PS)	73 / 4						
	R 15 GTL/TL										
	R 12 TS	69 →	1289 ccm	40 kW (54 PS)	73 / 4						
	R 15 TS										

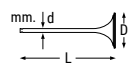




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT BENZYNA											
ENG. 813.02	R4 0.85	4/72-12/93	852 ccm	21 kW (29 PS)	61,4 / 4	IN	PREN011	7701458180	33,4x7,0x89,9	45	1
ENG. C1C 706, 754	Express 1.0	3/86-8/91	956 ccm	24-27 kW (33-37 PS)	65 / 4			7701458186			
ENG. 689.01	R8 1.0	7/65-10/72	956 ccm	29 kW (40 PS)	65 / 4			3104401-9			
ENG. 689.10	R5 1.0	8/72-12/95	956 ccm	33 kW (44 PS)	65 / 4			5613194			
ENG. C1E 688	Estafette 1.1 Express 1.1	2/62-12/81 3/86-7/90	1108 ccm	25-36 kW (34-49 PS)	70 / 4	EX	PREN034	7700638247	29,0x7,0x88,9	45	8
ENG. C1E 700	Clio I 1.1	6/90-3/96	1108 ccm	25-36 kW (34-49 PS)	70 / 4			7701460690			
ENG. C1E 714, 718, 719	R 4 1.1	10/76-12/93	1108 ccm	25-36 kW (34-49 PS)	70 / 4			7701461802			
ENG. C1E 715, 720	R 9 1.1 R 11 1.1	9/81-10/87 3/83-3/91	1108 ccm	25-36 kW (34-49 PS)	70 / 4			7701461214			
ENG. C1E 726	R 5 1.1	9/80-12/85	1108 ccm	25-36 kW (34-49 PS)	70 / 4			3267437-6			
ENG. C1E 750, 752, 754, 756	Express 1.1 R 5 1.1 Rapid 1.1	3/86-8/91 10/84-12/96 3/86-8/91	1108 ccm	25-36 kW (34-49 PS)	70 / 4			3277694-7			
ENG. C1E 760	R 5 1.1 Rapid 1.1	10/84-12/96 8/90-8/91	1108 ccm	25-36 kW (34-49 PS)	70 / 4			3277695-7			
ENG. C1E 762, 764, 792	Express 1.1 Rapid 1.1	9/91-10/97 3/86-10/97	1108 ccm	25-36 kW (34-49 PS)	70 / 4			3277813-6			
ENG. 688.01	Estafette 1.1 R 4 1.1	2/62-12/81 65-12/93	1108 ccm	25 kW (34 PS)	70 / 4						
ENG. 688.02, 688.06, 688.09	R 8 1.1	2/69-10/72	1108 ccm	26-39 kW (35-53 PS)	70 / 4						
ENG. 688.10	R 6 1.1 Rodeo 5 1.1	9/71-8/80 7/71-4/90	1108 ccm	26 kW (35 PS)	70 / 4						
ENG. 688.11, 688.12	R 4 1.1 R 6 1.1	10/78-12/93 76-3/86	1108 ccm	25 kW (34 PS)	70 / 4						
ENG. 688.13	R 5 1.1 R 6 1.1 R 7 1.1	9/80-3/85 9/80-3/86 9/80-12/82	1108 ccm	33 kW (45 PS)	70 / 4						



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RENAULT BENZYNA											
ENG. K4J 710, 711, 715	Clio II 1.4i 16V	5/00 →	1390 ccm	70-72 kW (95-98 PS)	79,5 / 4	IN	PREN018	7701471378	32,4x5,5x109,2	45	1
ENG. K4J 712, 713	Clio II 1.4i 16V Symbol 1.4i 16V Thalia II 1.4i 16V	10/99-10/07 6/01 → 6/01 →	1390 ccm	70-72 kW (95-98 PS)	79,5 / 4	EX	PREN019	7701472124 13201-00QAA 7701471354 7701471379 7701473354 7701473355 13202-00QAA			
ENG. K4J 714, 750	Clio II 1.4i 16V Mégane 1.4i 16V Mégane Classic 1.4i 16V Mégane Grandtour 1.4i 16V Scénic 1.4i 16V Scénic II 1.4i 16V	1/00-9/05 6/98-9/03 1/01-8/03 3/99-8/03 8/98-2/02 5/03 →	1390 ccm	70-72 kW (95-98 PS)	79,5 / 4						
ENG. K4M 700, 701, 704, 706, 709, 712	Mégane 1.6i 16V Mégane Classic 1.6i 16V Mégane Grandtour 1.6i 16V Scénic 1.6i 16V	6/98-9/03 01/01-8/03 3/99-8/03 8/98 →	1598 ccm	66-79 kW (90-110 PS)	79,5 / 4						
ENG. K4M 708	Clio II 1.6i 16V Kangoo 1.6i 16V Mégane 1.6i 16V Mégane Classic 1.6i 16V Mégane Grandtour 1.6i 16V Scénic 1.6i 16V	8/00-10/07 6/00 → 5/00-9/03 1/01-8/03 3/99-8/03 8/99 →	1598 ccm	66-79 kW (90-110 PS)	79,5 / 4						
ENG. K4M 710, 711, 714, 716	Laguna II 1.6i 16V Laguna Grandtour II 1.6i 16V	3/01-10/07 3/01-10/07	1598 ccm	65-98 kW (88-133 PS)	79,5 / 4						
ENG. K4M 730, 750	Kangoo 1.6i 16V	2/01 →	1598 ccm	66-79 kW (90-110 PS)	79,5 / 4						
ENG. K4M 732	Clio II 1.6i 16V Kangoo 1.6i 16V	11/01 → 1/03 →	1598 ccm	66-79 kW (90-110 PS)	79,5 / 4						
ENG. K4M 734, 745	Clio II 1.6i Symbol 1.6i Thalia II 1.6i	1/01 → 9/91 → 9/91 →	1598 ccm	66-79 kW (90-110 PS)	79,5 / 4						



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RENAULT BENZYNA											
ENG. F4P 720, 722	Mégane 1.8i 16V Mégane Classic 1.8i 16V Mégane Grandtour 1.8i 16V Scénic 1.8i 16V	3/99-9/03 1/01-8/03 2/01-8/03 9/00 →	1783 ccm	85-88 kW (116-120 PS)	82,7 / 4	IN	PREN020	7701471279 7701474287 4411048 93160645 13201-00QAE	33,4x5,5x110,0	45	1
ENG. F4P 760	Laguna I 1.8i 16V Laguna Grandtour 1.8i 16V	5/98-2/01 5/98-2/01	1783 ccm	85-88 kW (116-120 PS)	82,7 / 4	EX	PREN021	7701473101 7701471280 7701474286 7701478130 4411049 93160646 13202-00QAE	28,9x5,5x108,9	45	1
ENG. F4P 770, 771, 772, 773, 774, 775	Laguna II 1.8i 16V Laguna Grandtour II 1.8i 16V	3/01-10/07 3/01-10/07	1783 ccm	85-88 kW (116-120 PS)	82,7 / 4						
ENG. F4R 720, 722	Trafic 2.0i 16V	6/01 →	1998 ccm	88 kW (120 PS)	82,7 / 4						
ENG. F4R 700, 701	Espace III 2.0i 16V	10/98-10/02	1998 ccm	102-103 kW (139-140 PS)	82,7 / 4						
ENG. F4R 780	Laguna I 2.0i 16V Laguna Grandtour 2.0i 16V	9-99/2/01 9/99-2/01	1998 ccm	100-102 kW (136-140 PS)	82,7 / 4						
ENG. F4R 730, 732, 736, 738	Clio II 2.0i 16V	3/99 →	1998 ccm	124 kW (169 PS)	82,7 / 4						
ENG. F4R 740, 741, 746, 747	Mégane 2.0i 16V Mégane Classic 2.0i 16V Mégane Grandtour 2.0i 16V Scénic 2.0i 16V Scénic II 2.0i 16V	5/00-9/03 9/01-8/03 9/01-8/03 3/99-8/03 11/00 →	1998 ccm	99-103 kW (135-140 PS)	82,7 / 4						
ENG. F4R 744	Scénic 2.0i 16V	6/99-8/03	1998 ccm	99-103 kW (135-140 PS)	82,7 / 4						
ENG. F4R 712	Laguna II 2.0i 16V Laguna Grandtour II 2.0i 16V	3/01-10/07 3/01-10/07	1998 ccm	99-103 kW (135-140 PS)	82,7 / 4						
ENG. F4R 770, 771	Grand Scénic II 2.0i 16V Mégane 2.0i 16V Mégane Grandtour 2.0i 16V Scénic II 2.0i 16V	4/04 → 11/02-11/08 8/03-5/09 5/03 →	1998 ccm	99-103 kW (135-140 PS)	82,7 / 4						

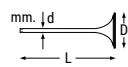




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT BENZYNA											
ENG. F3P 682, 754	R 19 1.8i	5/92-12/95	1783 ccm	66-79 kW (90-107 PS)	82,7 / 4	IN	PREN022	7701466606	40,2x8,0x107,0	45	1
ENG. F3P 720	Laguna I 1.8i	1/94-2/01	1783 ccm	66-79 kW (90-107 PS)	82,7 / 4			3344841-6			
ENG. F3P 724	Laguna I 1.8i	1/94-2/01	1783 ccm	66-79 kW (90-107 PS)	82,7 / 4			3344841			
	Laguna Grandtour 1.8i	9/95-2/01						855926			
ENG. F3P 700, 704, 705, 706, 707, 708, 754, 760, 764, 765	R 19 1.8i	5/92-12/95	1794 ccm	65-80 kW (88-109 PS)	82,7 / 4	EX	PREN023	7701466607	32,6x8,0x107,0	45	1
ENG. F3P 710	Clio I 1.8i	6/90-2/98	1794 ccm	65-79 kW (88-107 PS)	82,7 / 4			3344842-4			
	Laguna I 1.8i	12/93-2/01						855927			
	R 19 1.8i	2/93-12/95									
ENG. F3P 712, 714, 744, 745, 748	Clio I 1.8i	6/90-2/98	1794 ccm	65-80 kW (88-109 PS)	82,7 / 4						
ENG. F3P 754, 755, 758	Clio I 1.8i	1/94-2/98	1783 ccm	66-79 kW (90-107 PS)	82,7 / 4						
ENG. F3R 611, 722, 723	Laguna I 2.0i	1/94-2/01	1998 ccm	83 kW (113 PS)	82,7 / 4						
	Laguna Grandtour 2.0i	5/98-2/01									
ENG. F3R 742, 769	Espace III 2.0i	11/96-10/00	1998 ccm	80-84 kW (109-114 PS)	82,7 / 4						
	Laguna Grandtour 2.0i	9/95-2/01									
ENG. F3R 751, 752, 791, 797, 796, 798	Megane 2.0i	3/96-9/03	1998 ccm	80-84 kW (109-114 PS)	82,7 / 4						
	Megane Classic 2.0i	3/96-8/03									
	Megane Grandtour 2.0i	3/99-8/03									
	Scenic 2.0i	1/97-9/99									
ENG. F3P 676	Laguna I 1.8i	5/98-2/01	1794 ccm	69-70 kW (94-95 PS)	82,7 / 4						
	Laguna Grandtour 1.8i	5/98-2/01									


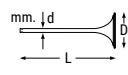




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
RENAULT BENZYNA											
ENG. F3P 678, 674, 670	Laguna I 1.8i Laguna Grandtour 1.8i	8/95-3/01 9/95-2/01	1794 ccm	69-70 kW (94-95 PS)	82,7 / 4	IN	PREN029	7701468960 7700112413 7701471713	40,0x8,0x115,5	45	1
ENG. F3R 750	Laguna I 2.0i Megane 2.0i Megane Classic 2.0i Megane Grandtour 2.0i Scenic 2.0i	3/99-3/01 9/96-9/03 3/96-8/03 3/99-8/03 1/97-9/99	1998 ccm	84 kW (114 PS)	82,7 / 4	EX	PREN022	7701466606 3344841-6 3344841 855926	40,2x8,0x107,0	45	1
						IN	PREN023	7701466607 3344842-4 3344842 855927	32,6x8,0x107,0	45	1
						EX	PREN030	7701468961 7700112412 7701471714 865956	32,6x8,0x115,3	45	1
ENG. D7F 700	Clio II 1.2i Twingo 1.2i	3/96 → 9/96 →	1149 ccm	40-44 kW (54-60 PS)	69 / 4	IN	PREN026	7701469266 13201-00QAG	32,8x6,0x106,8	30	1
ENG. D7F 701	Kangoo 1.2i Twingo 1.2i	4/98 → 9/96 →	1149 ccm	40-44 kW (54-60 PS)	69 / 4	EX	PREN027	7701469269 13202-00QAH	29,9x6,0x106,8	45	1
ENG. D7F 702, 703, 704, 800	Twingo 1.2i	1/96 →	1149 ccm	40-44 kW (54-60 PS)	69 / 4						
ENG. D7F 710, 720, 722, 726	Clio II 1.2i Kangoo 1.2i	3/98 → 10/97 →	1149 ccm	40-44 kW (54-60 PS)	69 / 4						
ENG. D7F 730	Clio I 1.2i	4/96-2/98	1149 ccm	40-44 kW (54-60 PS)	69 / 4						
ENG. D7F A7/D7/G7/J7	Clio 1.2i Kangoo 1.2i Twingo 1.2i Kangoo Express 1.2i	97 → 97 → 97 → 98 →	1149 ccm	40-44 kW (54-60 PS)	69 / 4						


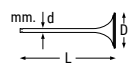




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RENAULT BENZYNA											
ENG. F3R 728/729/768	Espace III 2.0i Laguna Grandtour 2.0i	11/96-10/00 9/95-2/01	1998 ccm	84 kW (114 PS)	82,7 / 4	IN	PREN029	7701468960 7700112413 7701471713 865955	40,0x8,0x115,5	45	1
						EX	PREN030	7701468961 7700112412 7701471714 865956	32,6x8,0x115,3	45	1
ENG. C1G 700, 702, 710, 720, 722	R 5 1.2 R 9 1.2 R 11 1.2	10/84-12/96	1237 ccm	40 kW (54-55 PS)	71,5 / 4	IN	PREN033	7701462137	34,0x7,0x91,5	45	1
		9/85-12/91				EX	PREN034	7700638247 7701460690 7701461802 7701461214 3267437-6 3277694-7 3277695-7 3277813-6	29,0x7,0x88,9	45	8
ENG. C1G 726, 730	R 5 1.2 R 19 1.2 Rapid 1.2	10/84-12/96	1237 ccm	40 kW (54-55 PS)	71,5 / 4						
		9/88-12/01 9/91-9/96									
ENG. C3J 710	R 19 1.4	9/88-12/01	1397 ccm	40-44 kW (54-60 PS)	75,8 / 4						
ENG. C1J 700, 715, 742, 768, 780	Express 1.4	3/86-9/97	1397 ccm	34-53 kW (48-72 PS)	76 / 4						
	R 5 1.4	10/84-12/96									
	R 9 1.4	9/81-3/91									
	R 11 1.4	3/83-12/85									
	R 14 1.4	3/83-12/88									
	R 19 1.4	9/88-12/01									
	Rapid 1.4 Trafic 1.4	3/86-9/97 9/80-2/89									
ENG. C1J 791	R 12 1.4	4/71-12/89	1397 ccm	34-53 kW (48-72 PS)	76 / 4						
ENG. C1J 792, 796, 798	R 9 1.4	9/81-12/94	1397 ccm	34-53 kW (48-72 PS)	76 / 4						
ENG. C1J 760, 764, 770	R 9 1.4 Turbo		1397 ccm	77-88 kW (105-120 PS)	76 / 4						
	R 11 1.4 Turbo										


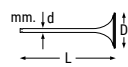




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RENAULT BENZYNA											
ENG. 847 700, 847 701	R 5 1.4	5/76-8/83	1397 ccm	34-50 kW (48-67 PS)	76 / 4	IN EX	PREN033 PREN034	7701462137	34,0x7,0x91,5 29,0x7,0x88,9	45 45	1 8
	R 18 1.4	4/78-2/86						7700638247			
ENG. 847 720, 847 722	Trafic 1.4	9/80-2/89	1397 ccm	34-50 kW (48-67 PS)	76 / 4			7701460690			
	Fuego 1.4	3/80-10/85						7701461802			
ENG. B530	R 18 1.4	4/78-2/86	1237 ccm	40 kW (55 PS)	71,5 / 4			7701461214			
	R 5 GTL/TL/TR	87 →						3267437-6			
ENG. C2J-780	R 9 GTC/GTL/C/TC		1721 ccm	55-66 kW (75-90 PS)	81 / 4			3277694-7			
	R 11 GTC/TC	88 →						3277695-7			
ENG. F5R 740	R 19 GTR/TR/TRE							3277813-6			
ENG. C2J-780	R 5 Supercinç GT	87 →	1721 ccm	55-66 kW (75-90 PS)	81 / 4						
ENG. F5R 740	Megane 2.0 16V	01 →	1998 ccm	103 kW (140 PS)	82,7 / 4	IN EX	PREN035 PREN036	7701471780	31,5x5,5x113,5 27,3x5,5x114,0	45 45	1 1
	Laguna 2.0 16V	01 →						7701471781			
ENG. N7Q 700, N7Q 704	Laguna I 2.0i 16V	3/95-2/01	1948 ccm	100-103 kW (136-140 PS)	83 / 4	IN EX	PREN037 PREN038	7438610007	31,0x7,0x104,0 27,0x7,0x103,2	45 45	9 9
	Laguna Grandtour 2.0i 16V	9/95-2/01						1397641-0			
ENG. N7Q 710, 711	Safrane 2.0i 16V	10/96-12/00	1948 ccm	100-103 kW (136-140 PS)	83 / 4			7438610008			
ENG. J7R 734, 735, 754	Safrane 2.0i 12V	4/92-7/96	1995 ccm	97 kW (132 PS)	88 / 4	IN IN	PREN041 PREN042	1366882-7	36,4x7,0x111,8 30,4x7,0x111,9	45 45	1 1
		9/85-12/91						1366490			
ENG. J7T 600	Trafic 2.2	5/89 →	2165 ccm	74 kW (101 PS)	88 / 4	EX	PREN043	9471466	40,4x7,0x112,0	45	1
ENG. J7T 760, 761	Safrane 2.2i	4/92-7/96	2165 ccm	101 kW (137 PS)	88 / 4						

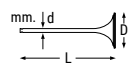




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RENAULT BENZYNA											
ENG. D4D 700; D4F 714	Clio II 1.2i 16V Kangoo 1.2i 16V	6/00 → 5/00 →	1149 ccm	55-74 kW (75-100 PS)	69 / 4	IN	PREN070	7701472986 8200343407	26,0x5,5x110,9	45	9
ENG. D4D 720; D4F 716	Kangoo 1.2i 16V	2/01 →	1149 ccm	55-74 kW (75-100 PS)	69 / 4	EX	PREN071	13201-00QAJ	22,0x5,5x112,6	45	9
ENG. D4F 702, 704	Twingo 1.2i 16V	9/00 →	1149 ccm	55-74 kW (75-100 PS)	69 / 4			7701473004			
ENG. D4F 708	Clio II 1.2i 16V Clio III 1.2i 16V Modus 1.2i 16V Twingo 1.2i 16V	10/03 →	1390 ccm	40-59 kW (55-80 PS)	69 / 4			8200343412 13202-00QAK			
ENG. D4F 706, 712	Clio II 1.2i 16V Kangoo 1.2i 16V Thalia II 1.2i 16V	6/00 → 5/00 → 4/02 →	1149 ccm	55-74 kW (75-100 PS)	69 / 4						
ENG. D4F 722, 728, 730, 740, 742, 764, 772, 784, 790	Clio II 1.2i 16V Clio III 1.2i 16V Kangoo 1.2i 16V Modus 1.2i 16V Symbol 1.2i 16V Thalia II 1.2i 16V Twingo 1.2i 16V	10/03 → 6/05 → 9/01 → 9/04 → 4/04 →	1149 ccm	55-74 kW (75-100 PS)	69 / 4						
ENG. D4F 780	Clio III 1.2i Turbo 16V Modus 1.2i Turbo 16V Twingo 1.2i Turbo 16V Wind 1.2i 16V	6/05 → 9/07 → 6/07 → 9/10 →	1149 ccm	74 kW (100 PS)	69 / 4						
ENG. D4F-D4F.D7	Clio 1.2i 16V Kangoo 1.2i 16V Kangoo Express 1.2i 16V Modus 1.2i 16V Twingo 1.2i 16V	04 → 01 → 01 → 01 → 01 →	1149 ccm		69 / 4						

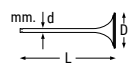



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT BENZYNA											
ENG. MR4 704	Laguna 2.0i 16V Megane 2.0i 16V,	07 →	1997 ccm	103 kW (140 PS)	84 / 4	IN	PREN096	13201-EN20A 13201-EN20B	34,0x5,5x106,3	45	1
		08 →				EX	PREN097	13202-EN200 13202-EN20B	27,7x5,5x105,2	45	1
ENG. 800	RENAULT 4 (112_) 0.8 (1123)	10/62 - 09/83	845 ccm	19 kW (26 PS)	4	IN	PREN066	607598100 5555751	28,2x7,0x73,0	45	32
						EX	PREN067	7700555263 5555263 7701458195	25,0x7,0x73,8	45	8

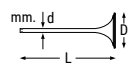




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. F8M 700	R 9 1.6 D R 11 1.6 D	9/82-3/91 8/83-3/91	1596 ccm	40 kW (54 PS)	78 / 4	IN	PREN013	7701462813 3287966-0	36,1x8,0x111,7	30	1
ENG. F8M 720, 730	Express 1.6 D R 5 1.6 D Rapid 1.6 D	3/86-3/97 10/84-12/96 3/86-3/97	1596 ccm	40 kW (54-55 PS)	78 / 4	EX	PREN014	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1
ENG. F8M 736, 760	Express 1.6 D Rapid 1.6 D	9/91-3/97 3/86-8/98	1596 ccm	40 kW (54 PS)	78 / 4						
ENG. F8Q 600, 606	Trafic 1.9 D	11/97-5/01	1870 ccm	40-48 kW (54-65 PS)	80 / 4	IN	PREN013	7701462813 3287966-0	36,1x8,0x111,7	30	1
ENG. F8Q 672, 676, 678, 692, 696, 714	Clio I 1.9 D	7/92-2/98	1870 ccm	40-48 kW (54-65 PS)	80 / 4	IN	PREN031	7701471704 7701469369 30852144 M852144	35,0x8,0x110,0	45	1
ENG. F8Q 704, 710	R 20 1.9 D R 21 1.9 D	10/80-12/83 5/89-12/94	1870 ccm	44-48 kW (60-65 PS)	80 / 4						
ENG. F8Q 706, 742, 764	R 19 1.9 D	9/88-12/01	1870 ccm	44-48 kW (60-65 PS)	80 / 4						
ENG. F8Q 788	Scénic 1.9 D	11/96 →	1870 ccm	44-48 kW (60-65 PS)	80 / 4						
ENG. F8Q 731, 736, 785	Mégane 1.9 dTi	8/98-9/03	1870 ccm	66-72 kW (90-98 PS)	80 / 4						
ENG. F8Q 610, 740, 744, 768	R 19 1.9 TD	9/90-12/01	1870 ccm	66-72 kW (90-98 PS)	80 / 4						
ENG. F8Q 784	Mégane 1.9 TD Mégane Classic 1.9 TD Mégane Grandtour 1.9 TD R 19 1.9 TD R 21 1.9 TD Scénic 1.9 TD	1/96-2/99 9/96-8/03 3/99-8/03 5/92-12/01 5/89-12/94 11/96-3/97	1870 ccm	66-70 kW (90-95 PS)	80 / 4	IN IN EX EX	PREN045 PREN049 PREN014 PREN046	7701468190 7701468035 7701462814 7700696117 7700702871 3287967-8 7701469193 7701469371	35,0x8,0x110,5 35,2x8,0x111,6 31,6x8,0x111,3	45 45 45	1 1 1
ENG. F8Q 730, 732	Clio I 1.9 D Express 1.9 D Rapid 1.9 D	6/90-2/98 9/91-10/97 9/91-10/97	1870 ccm	47-48 kW (64-65 PS)	80 / 4	EX	PREN032	7701469373 7701469373 30852146 112656 101780	31,5x8,0x110,5	45	1
ENG. F8Q 722, 724, 774, 776	Express 1.9 D Rapid 1.9 D	9/91-10/97 9/91-10/97	1870 ccm	47-48 kW (64-65 PS)	80 / 4						


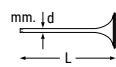




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. 8140 → Eng. No. 162067	Master R/Q	81 →	2445 ccm	53 kW (72 PS)	93 / 4	IN	PREN015	4733348 4813760	40,9x8,0x121,9	30	1
ENG. 8140 Eng. No. 162068 → → Eng. No. 152000	Master R/Q	81 →	2445 ccm	53 kW (72 PS)	93 / 4	IN	PREN017	7701462677 4757358 7301820	41,0x8,0x120,8	30	1
ENG. S8U → Eng. No. 452000	Trafic	81 →	2445 ccm	53 kW (72 PS)	93 / 4	EX	PREN016	504069200 7701030863 7701462678 7701463603 7701467250 0948.A2 4733349 7701462679	32,9x8,0x122,0	45	1
ENG. S9W 700 Euro 2	Master T28 2.8 dTi	10/97 →	2799 ccm	84 kW (114 PS)	94,4 / 4	IN	PREN017	4757358	41,0x8,0x120,8	30	1
ENG. S9W 702 Euro 2	Master 2.8 dTi	10/97-9/03	2799 ccm	84 kW (114 PS)	94,4 / 4			7301820			
ENG. S8U 731	Master T28 2.4 D Master T30/T35 2.4 D	9/80-9/97 8/80-8/89	2445 ccm	50-55 kW (68-75 PS)	93 / 4			504069200 7701030863			
ENG. S8U 730	Master T35 2.4 D Trafic 2.4 D	9/80-9/97 1/81-12/86	2445 ccm	50-55 kW (68-75 PS)	93 / 4			7701462678 7701463603			
ENG. S8U 720, 722, 780, 782	Trafic 2.5 D	9/80-5/01	2445 ccm	50-55 kW (68-75 PS)	93 / 4			7701467250			
ENG. S8U 742	Master T28/T30/T35 2.5 D Trafic 2.5 D	8/89-9/97 5/89-5/01	2499 ccm	53-60 kW (72-82 PS)	93 / 4	EX	PREN051	0948.A2 98418161 7701467249	36,7x8,0x122,0	45	1
ENG. S8U 770, 772	Master 2.5 D	10/97-9/03	2499 ccm	53-60 kW (72-82 PS)	93 / 4						
ENG. S8U 750, 752, 758	Trafic 2.5 D	3/89-5/01	2499 ccm	53-60 kW (72-82 PS)	93 / 4						
ENG. S8U 762	Master T35 2.5 TD Safrane 2.5 TD	9/80-7/98 4/92-9/96	2499 ccm	83-85 kW (113-115 PS)	93 / 4						
ENG. S9U 700, 702, 704, 714, 740	Master T28 2.5 D	9/80-9/97	2499 ccm	69-72 kW (94-98 PS)	93 / 4						
ENG. S9U 702	Master T30 2.5 TD	9/80-9/97	2499 ccm	69-72 kW (94-98 PS)	93 / 4						
ENG. S9U 702, 704, 714	Master T35 2.5 TD	9/80-7/98	2499 ccm	69-72 kW (94-98 PS)	93 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. 8140.61.240	Trafic 2.4 D	10/81-1/89	2445 ccm	51-55 kW (69-75 PS)	93 / 4	IN	PREN017	4757358	41,0x8,0x120,8	30	1
ENG. 8140.61.2300	Master P28/T28/T30/T35 2.4 D	8/80-9/97	2445 ccm	52-55 kW (71-75 PS)	93 / 4			7301820			
ENG. 8140.27.2500, ENG. 8140.27.2510, ENG. 8140.27.2580	Master T82/T30/T35 2.5 TD	9/80-9/97	2499 ccm	69-72 kW (94-98 PS)	93 / 4			504069200			
ENG. 8140.27.2512	Master T28/T30/T35 2.5 TD	9/80-9/97	2499 ccm	69 kW (94 PS)	93 / 4			7701030863			
ENG. 8140.27.2582 ENG. 8140.27.2700	Master 2.5 TD	1/80-7/96	2499 ccm	68-78 kW (92-106 PS)	93 / 4	EX	PREN052	7701462678			
ENG. 8140.47.2530 Euro 1	Master 2.5 TD	10/91-7/96	2499 ccm	85 kW (116 PS)	93 / 4			7701463603			
ENG. 8140.07.2700, ENG. 8140.07.3700 Euro 1, ENG. 8144.67.2500	Master 2.5 D	9/89-94	2499 ccm	53-55 kW (72-75 PS)	93 / 4			7701467250			
ENG. 8140.21.235, ENG. 8140.61.200 D, ENG. 8140.61.235	Master T35 2.4 D Master 2.4 D/TD	1/86-6/94 1/83-12/90	2499 ccm	53-68 kW (72-92 PS)	93 / 4			0948.A2			
ENG. 8144.97.2200; S8U 763	Safrane 2.5 TD	4/92-9/96	2499 ccm	83-87 kW (113-118 PS)	93 / 4			7301821			
ENG. 8144.97 S	Safrane 2.5 TDE	4/92-9/96	2499 ccm	78 kW (106 PS)	93 / 4			4826033			
ENG. 8140.47.2700, ENG. 8140.47.2721, ENG. 8140.47.2785 Euro 1	Master 2.5 D		2499 ccm	85 kW (116 PS)	93 / 4			7303309			
ENG. 8140.47.2711 Euro 1	Master 2.5 D		2445 ccm	85 kW (116 PS)	93 / 4			7302157			
ENG. 8140.67F.3700 Euro 2	Trafic 2.5 TD		2499 ccm	60 kW (82 PS)	93 / 4			7701203675			
ENG. 8140.27.2565 Euro 1	Master 2.5 TD	8/90-8/96	2798 ccm	78 kW (106 PS)	93 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. 8140.43.3700 Euro 2	Master 2.8 dTi	5/96 →	2798 ccm	90 kW (122 PS)	94,4 / 4	IN	PREN017	4757358 7301820	41,0x8,0x120,8	30	1
ENG. 8140.27.2565 Euro 1	Master 2.5 D	8/90-8/96	2798 ccm	78 kW (106 PS)	94,4 / 4			504069200 7701030863 7701462678 7701463603 7701467250			
ENG. 8140.43B-C-S-N	Mascott 2.8 TD Intercooler	99 →	2798 ccm	90 kW (122 PS)	94,4 / 4	EX	PREN099	0948.A2 99432837 5001836573 0949.A0	36,0x8,0x122,0	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. F9Q 710, 716, 717	Laguna I 1.9 dTi	10/97-2/01	1870 ccm	69-74 kW (94-101 PS)	80 / 4	IN	PREN024	7700110386	35,3x7,0x110,9	45	1
	Laguna Grandtour 1.9 dTi	9/99-2/01						7700110387			
ENG. F9Q 730, 731, 736	Master II 1.9 dTi	1/00-9/03	1870 ccm	69-74 kW (94-101 PS)	80 / 4	IN	PREN024	7701471702	35,3x7,0x110,9	45	1
	Mégane 1.9 dTi	6/97-9/03						7701476024			
ENG. F9Q 730, 731, 736	Mégane Classic 1.9 dTi	3/97-2/01	1870 ccm	69-74 kW (94-101 PS)	80 / 4	IN	PREN024	7701470251	35,3x7,0x110,9	45	1
	Mégane Grandtour 1.9 dTi	3/99-8/03						8200828299			
ENG. F9Q 734	Scénic 1.9 dTi	3/99 →	1870 ccm	69-74 kW (94-101 PS)	80 / 4	IN	PREN024	13201-AW300	35,3x7,0x110,9	45	1
	Espace III 1.9 dTi	2/99-10/02						13201-00QAC			
ENG. F9Q 734	Laguna I 1.9 dTi	3/98-2/01	1870 ccm	69-74 kW (94-101 PS)	80 / 4	EX	PREN025	13201-00QAM	32,6x7,0x110,7	45	1
	Mégane 1.9 dTi	6/97-2/99						MW30620685			
ENG. F9Q 734	Mégane Classic 1.9 dTi	3/97-2/01	1870 ccm	69-74 kW (94-101 PS)	80 / 4	EX	PREN025	30889401	32,6x7,0x110,7	45	1
	Mégane Grandtour 1.9 dTi	3/99-8/03						4402633			
ENG. F9Q 718	Scénic 1.9 dTi	3/99 →	1870 ccm	69-74 kW (94-101 PS)	80 / 4	EX	PREN025	4415921	32,6x7,0x110,7	45	1
	Laguna I 1.9 dCi	9/99-3/01						7700110388			
ENG. F9Q 718	Laguna Grandtour 1.9 dCi	9/99-2/01	1870 ccm	58-88 kW (79-120 PS)	80 / 4	EX	PREN025	7700110389	32,6x7,0x110,7	45	1
	Laguna II 1.9 dCi	3/01-10/07						7701471703			
ENG. F9Q 650, 664, 750, 751, 752, 754, 758, 759	Laguna Grandtour II 1.9 dCi	3/01 →	1870 ccm	58-88 kW (79-120 PS)	80 / 4	EX	PREN025	7701476025	32,6x7,0x110,7	45	1
	Master II 1.9 dTi/dCi	1/00-9/03						7701476256			
ENG. F9Q 770, 772	Kangoo 1.9 dCi	5/00 →	1870 ccm	58-88 kW (79-120 PS)	80 / 4	EX	PREN025	7701470252	32,6x7,0x110,7	45	1
	Laguna II 1.9 dCi	3/01-10/07						8200872426			
ENG. F9Q 790	Laguna Grandtour II 1.9 dCi	3/01 →	1870 ccm	58-88 kW (79-120 PS)	80 / 4	EX	PREN025	13202-AW300	32,6x7,0x110,7	45	1
	Master II 1.9 dTi/dCi	1/00-9/03						13202-00QAN			
ENG. F9Q 732, 733, 738, 740, 744	Scénic 1.9 dCi	3/99 →	1870 ccm	72-88 kW (98-120 PS)	80 / 4	EX	PREN025	MW30620686	32,6x7,0x110,7	45	1
	Mégane 1.9 dCi	6/97-9/03						90889403			
ENG. F9Q 732, 733, 738, 740, 744	Mégane Classic 1.9 dCi	2/01-8/03	1870 ccm	72-88 kW (98-120 PS)	80 / 4	EX	PREN025	4402634	32,6x7,0x110,7	45	1
	Mégane Grandtour 1.9 dCi	3/99 →						4415922			
ENG. F9Q 732, 733, 738, 740, 744	Scénic 1.9 dCi	3/99 →	1870 ccm	72-88 kW (98-120 PS)	80 / 4	EX	PREN025	4415922	32,6x7,0x110,7	45	1
	Mégane 1.9 dCi	6/97-9/03						4402634			


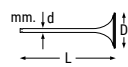




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
RENAULT DIESEL											
ENG. G8T 706, 752	Laguna I 2.2 D 12V Laguna Grandtour 2.2 D	1/94-2/01 2/95-2/01	2188 ccm	61-63 kW (83-86 PS)	87 / 4	IN	PREN039	7701468169 7701469684	32,1x7,0x117,6	45	9
ENG. G8T 790, 792, 794	Laguna I 2.2 D 12V Laguna Grandtour 2.2 D	1/94-2/01 6/95-2/01	2188 ccm	61-63 kW (83-86 PS)	87 / 4	EX	PREN040	7700859517 7701468170	31,1x7,0x117,6	45	9
ENG. G8T 714, 716, 740	Espace III 2.2 TD 12V Safrane 2.2 TD 12V	10/96-10/02 10/96-12/00	2188 ccm	83 kW (113 PS)	87 / 4						
ENG. G8T 760	Espace III 2.2 TD 12V Laguna I 2.2 TD 12V Laguna Grandtour 2.2 TD 12V	11/96-10/00 2/96-2/01 2/96-2/01	2188 ccm	83 kW (113 PS)	87 / 4						
ENG. F8Q 706, 742, 764	R 19 1.9 D	9/88-12/01	1870 ccm	47-48 kW (64-65 PS)	80 / 4	IN	PREN047	7701466716	36,2x8,0x111,7	30	1
ENG. F8Q 740, 744	R 19 1.9 D	9/90-12/01	1870 ccm	66-68 kW (90-92 PS)	80 / 4	EX	PREN048	7701466717	31,6x8,0x111,7	45	1
ENG. F8Q 710	R 21 1.9 D	5/89-12/94	1870 ccm	48 kW (65 PS)	80 / 4						
ENG. F8Q 784	R 19 1.9 D R 21 1.9 D	5/92-12/01 5/89-12/94	1870 ccm	66-70 kW (90-95 PS)	80 / 4						
ENG. F8Q 784, 786	Megane 1.9 TD Scenic 1.9 TD	1/96-2/99 11/96-3/97	1870 ccm	66-70 kW (90-95 PS)	80 / 4						
ENG. F8Q 704, 710	R 20 1.9 D R 21 1.9 D	10/80-12/83 5/89-12/94	1870 ccm	47-48 kW (64-65 PS)	80 / 4	IN	PREN053	7701465107 7700702871 7700738494	36,2x8,0x111,7	30	1
ENG. F8Q 722, 774, 776	Express 1.9 D Rapid 1.9 D	9/91-10/97 9/91-10/97	1870 ccm	47-48 kW (64-65 PS)	80 / 4	EX	PREN014	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
RENAULT DIESEL											
ENG. D 225-2	Tractor 51	69-81	1700 ccm	13-24 kW (10-33 PS)	95 / 2	IN	PREN054	630804600014	38,0x9,0x117,0	45	9
ENG. D 225-3, D 325-3	Tractor 51, 56	69-81	2550 ccm	25-37 kW (34-50 PS)	95 / 3	EX	PREN028	620704603024	35,0x9,0x117,0	45	9
ENG. D 325-2	Tractor 50	69-81	1700 ccm	16-24 kW (22-32 PS)	95 / 2			F238200210040			
ENG. D 325-4	Tractor 94	69-81	3400 ccm	51 kW (69 PS)	95 / 4			0123028300			
								620704603014			
ENG. D 227-4	Tractor 65, 68, 461,681	70-77	3768 ccm	46-61 kW (63-68 PS)	100 / 4	IN	PREN055	622604600054	41,0x9,0x117,0	45	99
ENG. D 227-6	Tractor 106/921 Tractor TX 113	70 → 77 →	5654 ccm	63-91 kW (86-124 PS)	100 / 6	EX	PREN056	F183200210080	38,0x9,0x117,0	45	9
ENG. D 327-2	Tractor 50S		1885 ccm	1/72-77	100 / 2			7701006369			
ENG. D 327-3	Tractor 32-50/32-60 Tractor 80 Tractor 421/461	1/72-77	2827 ccm	31-48 kW (42-55 PS)	100 / 3			630804600024			
ENG. D 327-4	Tractor 42-70 Tractor 90	70-77	3768 ccm	47-55 kW (64-74 PS)	100 / 4			F183200210070			
ENG. D 226-3, D 226-D	Tractor 61/MX 58/ MX 65 Tractor 489/551/556	69 → 1/68-12/98	3117 ccm	35-44 kW (48-60 PS)	105 / 3			7701006368			
ENG. D 226-4, D 226-V	Tractor 75/77/80/85 Tractor 496 Tractor 751/752/781 Tractor MX 75/85/90 Tractor TX 80/85/90/95	69 → 1/68 → 1/68-12/88 69 → 69 →	4154 ccm	44-64 kW (60-87 PS)	105 / 4						
ENG. D 226-6, D 226-S	Tractor 110/TS 110 Tractor TZ 120/133 Tractor TX 120/133	69 → 69 → 69 →	6234 ccm	74-96 kW (101-131 PS)	105 / 6						


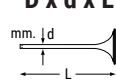




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. TD 226-4 ENG. TD 228-6 ENG. TD 226-4, TD 226-6	Tractor TX 103 Tractor 1451-4 Tractor TZ/TX 145 851, 851-S, 851-4, 103-12, 103-14, 103-52, 103-54, 130-12, 130-14, R851, R1151.4, R1181.4, R1451.4, R7661, R7664	69 → 1/76-3/81 1/76 →	4160 ccm 6234 ccm	68-74 kW (92-100 PS) 99-110 kW (135-150 PS)	105 / 4 105 / 6	IN EX	PREN057 PREN058	622804603014 F285200210230 F384200210060 622604603024 F285200210200 12159602 12165099 12911162	42,0x9,0x117,0 38,0x9,0x117,0	30 45	9 9
ENG. D 226 B-6	106-54	86-99	6234 ccm	77-105 kW (88-120 PS)	105 / 6	IN EX	PREN059 PREN060	622604605014 F199200210040 6005009608 12156904 622604605034 F199200210050 6005009610 12159605	47,0x9,0x117,0 43,0x9,0x117,0	45 45	9 9


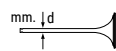




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. K9K 700, 706	Clio II 1.5 dCi Kangoo 1.5 dCi Symbol 1.5 dCi Thalia II 1.5 dCi	6/00 → 5/01 → 9/01 →	1461 ccm	48-50 kW (65-68 PS)	76 / 4	IN	PREN061	7701473184 7701476573 13201-BN700 13201-00QAN	33,5x6,0x101,0	45	9
ENG. K9K 702, 704, 708, 710	Clio II 1.5 dCi Kangoo 1.5 dCi Thalia II 1.5 dCi	6/01 → 5/00 → 9/01 →	1461 ccm	47-78 kW (64-106 PS)	76 / 4	EX	PREN062	7701473183 7701476572 13202-BN700 13202-00QAP	29,0x6,0x100,7	45	9
ENG. K9K 722, 728, 729	Grand Scénic II 1.5 dCi Mégane II 1.5 dCi Mégane Grandtour II 1.5 dCi Sénic II 1.5 dCi	11/02 → 11/02-5/09 2/04-5/09 5/03 →	1461 ccm	47-78 kW (64-106 PS)	76 / 4						
ENG. K9K 740	Clio II 1.5 dCi Symbol 1.5 dCi Thalia II 1.5 dCi Twingo 1.5 dCi	6/01 → 9/02 → 6/07 →	1461 ccm	47-63 kW (64-86 PS)	76 / 4						
ENG. K9K 790, 792, 794, 796	Logan 1.5 dCi Sandero 1.5 dCi	6/05 → 1/09 →	1461 ccm	47-63 kW (64-86 PS)	76 / 4						
ENG. K9K 712, 718	Clio II 1.5 dCi Kangoo 1.5 dCi Symbol 1.5 dCi Thalia II 1.5 dCi Twingo 1.5 dCi	6/01 → 4/05 → 9/02 → 4/08 →	1461 ccm	50-76 kW (68-103 PS)	76 / 4						
ENG. K9K 760, 762, 768, 772	Clio III 1.5 dCi Grand Modus 1.5 dCi Modus 1.5 dCi	6/05 → 12/04 → 9/04 →	1461 ccm	50-76 kW (68-103 PS)	76 / 4						


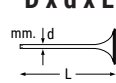




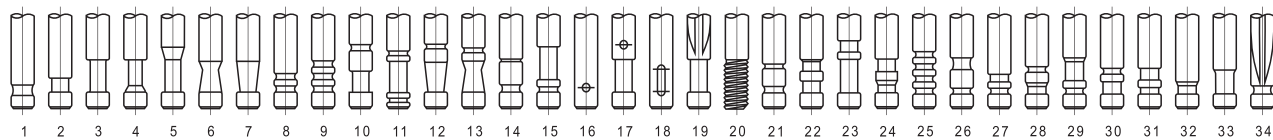
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. G9T 600, 700, 702, 703	Laguna II 2.2 dCi 16V	3/01-10/07	2188 ccm	85-110 kW (115-150 PS)	87 / 4	IN	PREN063	13201-00QAD 7701472669 4506083	30,7x6,0x123,2	45	9
	Laguna Grandtour II 2.2 dCi	3/01 →									
ENG. G9T 605, 706, 707	Vel Satis 2.2 dCi 16V	4/02 →	2188 ccm	85-110 kW (115-150 PS)	87 / 4	EX	PREN064	13202-00QAD 7701472670 4506084	29,5x6,0x123,0	45	9
	Laguna II 2.2 dCi 16V	3/01-10/07									
ENG. G9T 606, 607, 712	Laguna Grandtour II 2.2 dCi	7/02 →	2188 ccm	85-110 kW (115-150 PS)	87 / 4						
	Avantime 2.2 dCi 16V	12/01-12/03									
ENG. G9T 710	Espace III 2.2 dCi 16V	7/00-10-02	2188 ccm	85-110 kW (115-150 PS)	87 / 4						
	Vel Satis 2.2 dCi 16V	3/02 →									
ENG. G9T 720, 722, 750	Master II 2.2 dCi 16V	1/00-10/06	2188 ccm	85-110 kW (115-150 PS)	87 / 4						
ENG. G9U 630 Euro 4	Master II 2.5 dCi 16V	7/06-3/10	2463 ccm	74-107 kW (101-145 PS)	89 / 4						
ENG. G9U 632, 650 Euro 4	Trafic II 2.5 dCi 16V	8/06 →	2463 ccm	74-107 kW (101-145 PS)	89 / 4						
	Master II 2.5 dCi	10/03-3/10									
ENG. G9U 720, 724, 750, 754 Euro 3	Master II 2.5 dCi 16V	5/00-10/06	2463 ccm	73-99 kW (99-135 PS)	89 / 4						
ENG. G9U 730 Euro 3	Trafic II 2.5 dCi 16V	6/02 →	2463 ccm	73-99 kW (99-135 PS)	89 / 4						
ENG. G9U.A7, G9U.B7	Master 2.5 DTi 16V	02 →	2463 ccm		89 / 4						
	Trafic 2.5 DTi 16V	03 →									
ENG. P9X.A7	Espace 3.0 DCi 24V	02 →	2958 ccm		87 / 6						
	Vel Satis 3.0 DCi 24V	02 →									


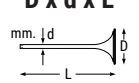




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. 852 700	R 20 2.1 D	10/80-2/86	2068 ccm	43-49 kW (58-67 PS)	86 / 4	IN	PREN086	7700663545 7701461338	40,3x8,0x111,6	45	1
ENG. 852 710	R 18 2.1 D	10/80-12/83	2068 ccm	43-49 kW (58-67 PS)	86 / 4	EX	PREN087	7700692312	33,3x8,0x111,6	45	1
ENG. 852 720, 852 750	Traffic 2.1 D	9/80-10/97	2068 ccm	43-49 kW (58-67 PS)	86 / 4			7701462232			
ENG. J8S 174	R 18 2.1 TD	3/86-3/92	2068 ccm	63-68 kW (86-92 PS)	86 / 4			7700663546			
ENG. J8S 604, 714, 742, 746, 768, 788	R 21 2.1 TD	3/86-12/95	2068 ccm	63-68 kW (86-92 PS)	86 / 4			7701461339			
ENG. J8S 702	R 30 2.1 TD	10/81-12/83	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
ENG. J8S 240	Espace I 2.1 TD R 20 2.1 TD	10/84-12/90 10/82-12/83	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
ENG. J8S 610, 612, 772, 774, 776, 778	Espace I 2.1 TD	10/84-9/96	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
ENG. J8S 708, 738	Espace I 2.1 TD R 25 2.1 TD	6/87-12/90 1/84-12/92	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
ENG. J8S 760	Safrane 2.1 TD	4/92-9/96	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
ENG. J8S 814	Espace I 2.1 TD R 21 2.1 TD	1/84-10/96 1/86-12/95	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
ENG. J8S 330, 800	Master T28 2.1 D	9/80-12/98	2068 ccm	44-65 kW (60-88 PS)	86 / 4						
ENG. J8S 620, 758	Trafic 2.1 D	9/94-10/97	2068 ccm	44-65 kW (60-88 PS)	86 / 4						
ENG. J8S 711	R 18 2.1 D	10/80-2/86									
ENG. J8S 712	Fuego 2.1 TD R 18 2.1 TD	10/82-7/84 4/84-2/86	2068 ccm	44-65 kW (60-88 PS) 44-65 kW (60-88 PS)							
ENG. J8S 600, 740, 784	R 21 2.1 D	5/89-12/94	2068 ccm	46-56 kW (63-76 PS)	86 / 4						
ENG. J8S 704	R 18 2.1 D R 21 2.1 D	11/81-2/86 3/86-3/92	2068 ccm	46-56 kW (63-76 PS)	86 / 4						
ENG. J8S 706, 736	R 25 2.1 D	1/84-12/92	2068 ccm	46-56 kW (63-76 PS)	86 / 4						


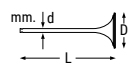




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 												
RENAULT DIESEL																							
ENG. TD 226 B-6	Tractor TZ/TX 155 160-94, 175-74, 180-94	69 →	6234 ccm	81-136 kW (110-185 PS)	105 / 6	IN	PREN089	31431641	44,4x9,48x123,0	45	1												
								31431103															
								31431163															
								733819M1															
								31431881															
								31431104															
		EX	PREN090	31431109																			
				31431164																			
				31431791																			
				31431851																			
				31431891																			
				31431931																			
IN	PREN100	3142H002	44,2x9,5x123,0	30	1																		
						EX	PREN101	3142A052	36,5x9,5x123,5	45	1												
												IN	PREN091	44,4x9,48x123,0	45	1							
																	EX	PREN092	36,5x9,46x123,4	45	1		
																						Grubość grzybka +1,0 [mm]	


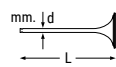




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. 8140.67.2510	Master T28/T30/T35 2.5D	8/89-7/98	2499 ccm	55 kW (75 PS)	93 / 4	IN	PREN098	98468338 7701030863	43,5x8,0x122,0	30	1
ENG. 8140.47.2700, 8140.47.2721, 8140.47.2785 Euro 1	Master 2.5 D		2499 ccm	85 kW (116 PS)	93 / 4	EX	PREN051	7701463603 98418161 7701467249	36,7x8,0x122,0	45	1
ENG. 8140.47.2711 Euro 1	Master 2.5 D		2445 ccm	85 kW (116 PS)	93 / 4						
ENG. M9R 610	Megane III liftback (BZ0/1_) 2.0 dCi (BZ0L)	04/09 →	1995 ccm	118 kW (160 PS)	4	IN	PREN102	7701476596	27,7x6,0x103,9	45	9
	Megane III liftback (BZ0/1_) 2.0 dCi	07/12 →				EX	PREN103	7701476595	26,0x6,0x103,8	45	9
	Megane III Grandtour (KZ0/1) 2.0 dCi (KZ0L)	04/09 →									
	Megane III Grandtour (KZ0/1) 2.0 dCi	07/12 →									
	Megane III coupe (DZ0/1_) 2.0 dCi (DZ0L)	04/09 →									
	Megane III coupe (DZ0/1_) 2.0 dCi	07/12 →									
	Megane CC (EZ0/1_) 2.0 dCi (EZ0L)	06/10 →									
	Scénic III (JZ0/1_) 2.0 dCi (JZ0L)	04/09 →									
	Grand Scénic III (JZ0/1_) 2.0 dCi (JZ0L)	04/09 →									

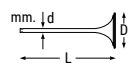




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RENAULT DIESEL											
ENG. M9R 615	Megane III liftback (BZ0/1_) 2.0 dCi (BZ0Y)	10/10 →	1995 ccm	110 kW (150 PS)	4	IN EX	PREN102 PREN103	7701476596 7701476595	27,7x6,0x103,9 26,0x6,0x103,8	45 45	9 9
	Megane III Grandtour (KZ0/1) 2.0 dCi (KZ0Y)	10/10 →									
	Megane III coupe (DZ0/1_) 2.0 dCi (DZ0Y)	04/09 →									
	Scénic III (JZ0/1_) 2.0 dCi (JZ0Y, JZ26)	02/09 →									
	Grand Scénic III (JZ0/1_) 2.0 dCi (JZ0Y)	02/09 →									
ENG. M9R 722	Megane II (BM0/1_, CM0/1_) 2.0 dCi (BM1K, CM1K)	09/05 - 02/08	1995 ccm	110 kW (150 PS)	4						
	Megane II kombi (KM0/1_) 2.0 dCi	09/05 - 07/09									
	Megane II Coupé-Cabriolet (EM0/1_) 2.0 dCi	09/05 - 03/09									
	Scénic II (JM0/1_) 2.0 dCi (JM1K)	09/05 →									
	Grand Scénic II (JM0/1_) 2.0 dCi (JM1K)	09/05 →									
ENG. M9R 724	Megane II (BM0/1_, CM0/1_) 2.0 dCi	01/07 - 02/08	1995 ccm	127 kW (173 PS)	4						

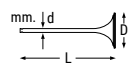




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ROMAN DIESEL											
ENG. D 2156 HMN 8	Series 10.215	73-75	10344 ccm	159 kW (216 PS)	121 / 6	IN	PROM001	1-04101-0305 51.04101.0129 51.04101.0305	56,0x12,0x149,0	45	1
						EX	PROM002	1-04101-0273 51.04101.0373	49,0x12,0x148,7	45	1
ENG. D 2156 MTN 8	Series 19.256	82 →	10344 ccm	188 kW (256 PS)	121 / 6	IN	PROM003	51.04101.0379	56,0x12,0x149,0	30	1
						EX	PROM002	1-04101-0273 51.04101.0373	49,0x12,0x148,7	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ROVER GROUP BENZYNA											
ENG. 14 K4F	Metro 1.4i 16V	6/91-1/95	1396 ccm	76 kW (103 PS)	75 / 4	IN	PROV001	LGH10029	27,7x6,0x89,6	45	1
	Streetwise 1.4i 16V	9/03-5/05						GH10029			
	25 1.4i 16V	2/00-5/05						GH061586			
	45 1.4i 16V	2/00-5/05						WAM1655			
	114i 16V	9/90-10/95						LGH10028			
	214i 16V	10/92-9/95						LGH100820			
ENG. 14 K2A, K2D	114i 16V	4/94 →	1396 ccm	55 kW (75 PS)	75 / 4	EX	PROV002	LGH10028	24,1x6,0x90,0	45	1
	214i 16V	1/93-2/96						GH061587			
ENG. 14 K4C, 14 K4D	114 GTI	3/90-8/91	1396 ccm	66-70 kW (90-95 PS)	75 / 4	EX	PROV002	LGH101190	24,1x6,0x90,0	45	1
	214 Si/Gsi	10/89-10/95						GH10028			
	414 Si/Gsi	4/90-4/95						WAM4127			
ENG. 14 K2	Cityrover 1.4i 16V	1/04 →	1396 ccm	62-63 kW (84-86 PS)	75 / 4	EX	PROV002	LGH101190	24,1x6,0x90,0	45	1
ENG. 14 K4M	Streetwise 1.4i 16V	8/03 →	1396 ccm	62 kW (84 PS)	75 / 4						
ENG. K8	Rover 100 Metro	90 →			75 / 4	IN	PROV026	WAM4002	33,7x7,0x90,5	45	1
	211 1.1	95 →						WAM4003			
ENG. 14K2	214 S - 8V	89 →			75 / 4	EX	PROV027	LGH101050	31,2x7,0x91,0	45	1
	414	90 →						LGH101180			
	Rover 100	90 →									
	Metro 1.4 GS	90 →									
	114 Metro 1.4i	94 →									
ENG. K8	Rover 214S/414	95 →			75 / 4	EX	PROV027	LGH101050	31,2x7,0x91,0	45	1
ENG. 11 K2A	214, 414				75 / 4						
	Metro 1.1i	10/80 →			75 / 4						
ENG. 11 K2A	111	5/90-12/97			75 / 4	EX	PROV027	LGH101050	31,2x7,0x91,0	45	1
	211 1.1i	98-00			75 / 4						
ENG. 14 K4C (66 kW)	214i	10/92-2/96	1396 ccm	66 kW (90 PS)	75 / 4	EX	PROV002	LGH101190	24,1x6,0x90,0	45	1


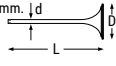




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ROVER GROUP BENZYNA																	
ENG. Honda EV (3-Valve)	213 S/SE	84 →	1342 ccm	52 kW (71 PS)	74 / 4	IN	PROV049	14711-PE0-000	26,9x6,6x112,8	45	1						
ENG. D16Z2 (81 kW)	216i 16V 416i 16V	10/89-2/96 4/90-2/96	1590 ccm	81-85 kW (110-116 PS)	75 / 4	EX	PROV050	14721-PE0-000 DBP9319 DBP9320	32,0x6,6x113,8	45	1						
ENG. D16Z2 (90 kW)	216 GTi 16V 416 GSI 16V	9/90-2/96 4/90-2/96	1590 ccm	90 kW (122 PS)	75 / 4	IN	PROV055	14711-PM3-000 FDU1485	29,0x5,5x115,0	45	1						
ENG. D16Z2 (90 kW)	216 GTi 16V 416 GSI 16V	9/90-2/96 4/90-2/96	1590 ccm	90 kW (122 PS)	75 / 4	EX	PROV056	14721-PM3-000 FDU1487	25,0x5,5x118,8	45	1						
ENG. D16A8	216i 16V 416i 16V	9/90-2/96 4/90-2/96	1590 ccm	90-96 kW (122-131 PS)	75 / 4												
ENG. F18A3	618i 16V	3/96-6/99	1850 ccm	85 kW (115 PS)	85 / 4												
ENG. F20A	620i	9/93-6/96	1997 ccm	85 kW (116 PS)	85 / 4												
ENG. F20Z1	620i 16V	4/93-9/96	1997 ccm	96 kW (131 PS)	85 / 4												
ENG. F20Z2	620i 16V	4/93-6/99	1997 ccm	85 kW (115 PS)	85 / 4												
ENG. 20T4H	220 2.0i 16V 420 2.0i 16V	93-99 96 →	1994 ccm	100 kW (136 PS)	84,5 / 4							IN	PROV057	LGH10020 LGH101060	31,8x7,0x110,8	45	1
ENG. T16.4	820 2.0i 16V Turbo	92-99	1996 ccm	100 kW (136 PS)	84,5 / 4							EX	PROV058	LGH10049 LGH101000 LGH101140	29,3x7,1x110,8	45	1
ENG. Suffix 'J'	Land Rover 88/109 Series II/ IIA/ III Land Rover 90/110	58-85 83-85	2286 ccm		90,475 / 4	IN	PROV063	ERC7150 277593	44,5x7,9x111,5	30	1						
ENG. Suffix 'A'/'K'	Land Rover 2.25 Series II/IIA/III Land Rover 90/110	85 → 83-85	2286 ccm		90,475 / 4	EX	PROV064	277594 557967	35,0x8,7x111,5	45	1						


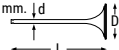




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
ROVER GROUP BENZYNA											
ENG. Suffix 'F' →	3500, 3500 S 3500 S/SE/Vanden Plas	74-77	3528 ccm	116 kW (157 PS)	88,862 / 8	IN	PROV074	614088	39,8x8,7x117,1	45	32
		77 →				EX	PROV075	614089	34,3x8,7x117,1	45	32
Series 111	Landrover 109 Landrover 90/110	81-83	3528 ccm	116 kW (157 PS)	88,862 / 8	IN					
		83 →				EX					
ENG. Suffix 'F' →	Range Rover Range Rover	77 →	3528 ccm	116 kW (157 PS)	88,862 / 8	IN					
		85-88	3528 ccm	124 kW (168 PS)	88,862 / 8	EX					
ENG. M52 B28 TU	Defender 110 2.8i 24V	9/00 →	2793 ccm	142 kW (193 PS)	84 / 6	IN	PROV095	11341739822 11341739820 11341438284 11341438385 11341438451 11341738218	32,9x6,0x106,1	45	9
						EX	PROV096	11341739823 11341739821 11341738219 11347505731			
ENG. SJ413 (Suzuki)	Land Rover Santana	87 →	1325 ccm	44-47 kW (60-64 PS)	74 / 4	IN	PROV097	12911-82000 12911-82010 12911A82000	36,0x7,0x115,5	45	1
						EX	PROV098	12915-82000 12915-82062 12915-82050 12915A82050			


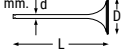




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ROVER GROUP BENZYNA											
ENG. 25 K4F	75 (RJ) 2.5 V6	10/01 - 05/05	2497 ccm	129 kW (175 PS)	6	IN	PROV053	LGH10064	31,6x6,0x89,6	45	1
	800 liftback (XS) 2.5 Si	02/96 - 10/98									
	800 liftback (XS) 2.5	02/96 - 10/98									
	800 (XS) 825 Si Lux (RS)	04/96 - 02/99									
	800 coupe 825 Si (RS)	04/96 - 02/99									
ENG. 20 K4F	45 liftback (RT) 2.0 V6	02/00 - 05/05	1997 ccm	110 kW (150 PS)	6	EX	PROV054	LGH10065	27,4x6,0x90,0	45	1
	45 sedan (RT) 2.0 V6	02/00 - 05/05									
	75 (RJ) 2.0 V6	02/99 - 05/05									
	75 Tourer (RJ) 2.0 V6	08/01 - 05/05									
ENG. 18 K4F (VVC)	25 liftback (RF) 1.8 16V	02/00 - 05/05	1796 ccm	107 kW (146 PS)	4						
	200 liftback (RF) 218 K Vi	11/95 - 03/00									
	400 Tourer (XW) 1.8 i	06/96 - 11/98									


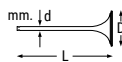




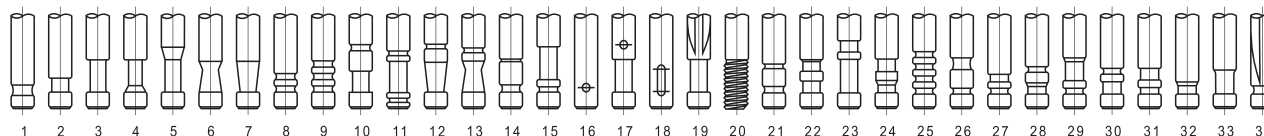
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ROVER GROUP DIESEL											
ENG. XUD 7TE	218 TD	10/92-2/96	1769 ccm	64-66 kW (88-90 PS)	80 / 4	IN	PROV003	93510415	38,5x8,0x112,4	45	1
	418 TD	9/91-3/00						96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000			
						EX	PROV004	93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052	33,0x8,0x111,9	45	1


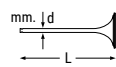




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ROVER GROUP DIESEL											
ENG. XUD 7TE	218 TD 418 TD	10/92-2/96 9/91-3/00	1769 ccm	64-66 kW (88-90 PS)	80 / 4	EX	PROV004	LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1
ENG. VM 84A Turbo, 42924SHIRG	825D/SD/SDL	9/90 →	2498 ccm	87 kW (118 PS)	92 / 4	IN	PROV005	V94DD6507AA 60507189	40,0x8,0x121,0	35	1
ENG. VM 81A Turbo	Range Rover 2.4 TD	86 →	2393 ccm	84 kW (114 PS)	92 / 4	EX	PROV006	116760330001 20360026 20360026A 2036019 04720146 AEU2296 AEU2296L V94DD6505AA 60504864 60540864 195590330100 116760330101 2037018 04720148 LGH10041 RTC4116			


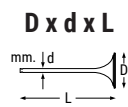




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ROVER GROUP DIESEL											
ENG. XUD 9A	218 D	10/92-12/94	1905 ccm	47-52 kW (64-71 PS)	83 / 4	IN	PROV099	0948.46	38,0x8,0x112,4	30	1
	418 D	9/91-4/95				IN	PROV003	93501279 93501070 93510415 96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000			
						EX	PROV004	50054982 93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60	33,0x8,0x111,9	45	1


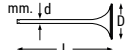




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ROVER GROUP DIESEL											
ENG. XUD 9A	218 D 418 D	10/92-12/94 9/91-4/95	1905 ccm	47-52 kW (64-71 PS)	83 / 4	EX	PROV004	0949.64 0949.74 LGH10052 LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1
EN G. TUD 5	Metro 1.5 D Rover 115 1.5 D	12/94-12/98 95/98	1527 ccm	40-42 kW (54-57 PS)	77 / 4		PROV007	96150145 0948.74 0948.A8 13201-6F900	37,0x7,0x108,4	45	1
							PROV008	96150144 0949.80 13202-6F900	31,5x7,0x108,2	45	1
ENG. TUD 3 (K9A)	114 1.4 D	1/93-12/94	1361 ccm	39 kW (53 PS)	75 / 4		PROV009	95638449	35,5x7,0x108,4	45	1
ENG. TUD 3Y (K9Y)	114 1.4 D	91-96	1361 ccm	37 kW (50 PS)	75 / 4		PROV010	96012815 0948.69 95638450 96012816 0949.71	30,6x7,0x108,2	45	1


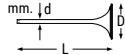




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ROVER GROUP DIESEL											
ENG. Prima 65	Maestro Clubman DLX	86-92	1994 ccm	46 kW (63 PS)	84,4 / 4	IN	PROV042	BDU1399	37,0x7,4x93,8	45	1
	Maestro Van 500/700 City	86-92						LGH10036			
ENG. Prima 80T Turbo	Montego 2.0 DL/DSL 800 TD	87 →		60 kW (80 PS)	84,4 / 4	EX	PROV043	BDU1400	33,6x7,4x93,8	45	1
		88-92						LGH10037			
ENG. 20 T2N	Freelander 2.0 XEDI	87 →	1994 ccm	74-83 kW (101-113 PS)	84,5 / 4	IN	PROV079	LGH100990	37,0x7,0x86,7	45	1
		88 →						LGH100990			
ENG. 20 T2R	220 2.0 D/SD	00 →	1994 ccm	63 kW (86 PS)	84,5 / 4	EX	PROV080	LGH100980	32,6x7,0x86,7	45	1
		01 →						LGH100980			
ENG. 20 T4H	220 GSi	02 →	1996 ccm	100 kW (136 PS)	84,5 / 4	EX	PROV080	LGH100980	32,6x7,0x86,7	45	1
		03 →						LGH100980			
ENG. M47 D20 UL, 204D3	Freelander 2.0 Td4 16V	04 →	1951 ccm	1951 ccm 85 kW (115 PS)	84 / 4	IN/EX	PROV081	11342247077	26,0x6,0x99,9	45	9
		05 →						11342247077			
ENG. M57 D30 (135 kW), 306D1	Rover Range III 3.0 Td6 24V	06 →	2926 ccm	133-142 kW (184-193 PS)	84 / 6	IN/EX	PROV081	LGH101450	26,0x6,0x99,9	45	9
		07 →						LGH101450			
ENG. M47R, 204D2/D4	75 2.0 CDTI 16V	08 →	1951 ccm		84,5 / 4						

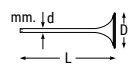




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ROVER GROUP DIESEL											
ENG. M51 D25 (BMW engine)	Landrover Discovery DT-DSE	94 →	2497 ccm		80 / 6	IN	PROV082	11342244814 11342246524	36,0x6,0x103,7	45	9
ENG. D256TM (BMW engine)	Range Rover 2.5 DSE TD	94 →	2497 ccm		80 / 6	EX	PROV083	90511366 641041 STC2156 11342244815 11342246525 90511374 641346 STC2149	31,0x6,0x103,5	45	9
EN G. 10P, 15P	Landrover Discovery 2.5 TDi	97 →	2496 ccm	101 kW (138 PS)	84,5 / 4	IN	PROV093	ERR6611	34,7x7,0x105,3	30	9
	Defender 90/110/130 2.5 TDi	98 →				EX	PROV094	ERR6612	31,7x7,0x105,3	45	9


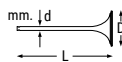




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
RUGGERINI											
	Motore RD 80					IN	PRUG001	960/022	30,5x9,0x105,0	45	1
						EX	PRUG002	960/023	30,5x9,0x105,0	45	1
	Motore CRD 95					IN	PRUG008	960/13	37,8x9,0x119,0	45	1
						EX	PRUG009	960/18	37,8x9,0x119,0	45	1
	Motore RD 100					IN	PRUG010	960/17	41,0x9,0x119,0	45	1
						EX	PRUG009	960/18	37,8x9,0x119,0	45	1
	DD 105 RP 170					IN	PRUG011	960/20	42,5x9,0x119,0	45	1
						EX	PRUG012	960/21	40,0x9,0x119,0	45	1


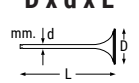




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R.V.I. DIESEL											
ENG. 8140.07.2530	B 80	8/90-6/94	2499 ccm	55 kW (75 PS)	93 / 4	IN	PRVI001	4757358	41,0x8,0x120,8	30	1
ENG. 8140.21.200, 8140.21.235	B 90	1/86-7/96	2445 ccm	68 kW (92 PS)	93 / 4			7301820 504069200			
ENG. 8140.61.235	B 70	1/83-12/90	2445 ccm	53 kW (72 PS)	93 / 4			7701030863			
ENG. 8140.27.2350, 8140.27.2582	B 90	1/86-7/96	2445 ccm	68-78 kW (92-106 PS)	93 / 4			7701462678 7701463603			
ENG. 8140.27.2585 Euro 1	B 110	7/94-7/96	2499 ccm	76-78 kW (103-106 PS)	93 / 4			7701467250			
ENG. 8140.47.2530 Euro 1, 8140.47.2585 Euro 1, 8140.47.2590 Euro 1	B 120	10/91-7/96	2499 ccm	85 kW (116 PS)	93 / 4	EX	PRVI002	0948.A2 7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1
ENG. 8140.43C.2586 Euro 2	Mascott 110	1/99-6/04	2798 ccm	78 kW (106 PS)	94,4 / 4	IN	PRVI001	4757358	41,0x8,0x120,8	30	1
ENG. 8140.43N.3585 Euro 3	Mascott 150	10/01-6/04	2798 ccm	108 kW (146 PS)	94,4 / 4			7301820			
ENG. 8140.43.2585 Euro 2	B 120	10/91-6/01	2798 ccm	90 kW (122 PS)	94,4 / 4			504069200			
ENG. 8140.23.2585 Euro 2	B 110	6/96-6/99	2798 ccm	76 kW (103 PS)	94,4 / 4			7701030863			
ENG. 8140.43S.2585 Euro 3	Mascott 130	1/99-6/04	2798 ccm	92 kW (125 PS)	94,4 / 4			7701462678 7701463603 7701467250			
						EX	PRVI035	0948.A2 99432837 5001836573 0949.A0	36,0x8,0x122,0	45	1
ENG. 597	SM 6/7/8	67 →	5278 ccm	93 kW (126 PS)	100 / 6	IN	PRVI003	5000246234	45,5x10,0x140,2	45	1
ENG. 797	SM 7/8	70 →	5489 ccm	106 kW (145 PS)	100 / 6			5000043128 5000040605			
						EX	PRVI004	5000044581	38,9x10,0x140,3	45	1


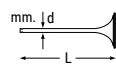




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R.V.I. DIESEL											
ENG. MID 06.20.30, MID 06.20.30 G	Series 950 C 190/G 190/G GB 191 GC 190/GC 191/GF 191 GLR 190/GR 190/ GR 191 TB 191	9/74 →	8820 ccm	141 kW (192 PS)	120 / 6	IN	PRVI005	153695 771523 5000663467 5000681141 5000658408 5000663520 5000663529	54,0x9,0x163,3	30	1
ENG. MIDR 06.20.30	PR 14	81-86	8820 ccm	194 kW (264 PS)	120 / 6	EX	PRVI006	5010295349	48,0x9,0x163,1	45	1
ENG. MIDR 06.20.45 A/2	C 300/G 260/G 280/ PR 180	1/82 →	9839 ccm	202-206 kW (275-280 PS)	120 / 6			153692			
ENG. MIDR 06.20.45 BC, MIDR 06.20.45 B/3 Euro 1	G 270/G 280	9/91-10/96	9839 ccm	195 kW (265 PS)	120 / 6			153693			
ENG. MIDR 06.20.45 C/4 Euro 2	G 260 Kerax 260/ Premium 260	2/96-12/02	9839 ccm	188 kW (256 PS)	120 / 6			5000663464 5000663469 5000670121 5000670730			
ENG. MIDR 06.20.45 D Euro 1	C 290/CLR 290/FR 1 G 280/G 290/G 300	10/82-12/96	9839 ccm	210-222 kW (286-302 PS)	120 / 6			5000670206 5000153692			
ENG. MIDR 06.20.45 DD, MIDR 06.20.45 D/3 Euro 1	C/CCH 300/FR 1/G 300/ G 330	2/90-10-98	9839 ccm	222 kW (302 PS)	120 / 6			5000153693 5000663471			
ENG. MIDR 06.20.45 E Euro 1	C 340/G 330/G 340/R 330/ R 340	5/88-10/98	9839 ccm	236-249 kW (321-339 PS)	120 / 6			5000663527			
ENG. MIDR 06.20.45 E/2, MIDR 06.20.45 E/3 Euro 1	C 340/G 330/G 340 Kerax 340 R 340	2/90-12/99	9839 ccm	249 kW (339 PS)	120 / 6						
ENG. MIDR 06.20.45 H	G 320/G 330	5/88-3/93	9839 ccm	240 kW (326 PS)	120 / 6						
ENG. MIDS 06.20.30	Series 950 GB 231/GC 230/ GC 231 GF 230/GF 231/ GFC 231 GR 230/GR 231/PR 10 PR 12/TB 231/TF 230	1/76-9/87	8820 ccm	158 kW (215 PS)	120 / 6						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
R.V.I. DIESEL											
ENG. MIDR 06.20.45 C	FR 1	10/82-3/87	9839 ccm	210 kW (285 PS)	120 / 6	IN	PRVI005	153695	54,0x9,0x163,3	30	1
ENG. MIDR 06.20.45 D/41 Euro 2	G 300 Kerax 300 Premium 300	2/96-12/02	9839 ccm	219 kW (298 PS)	120 / 6			771523 5000663467 5000681141			
ENG. MIDR 06.23.56 A/41 Euro 2	Ares 380 Iliade Kerax 385 Premium 385/400	2/96 →	11122 ccm	280 kW (381 PS)	123 / 6			5000658408 5000663520 5000663529 5010295349			
ENG. MIDR 06.23.56 B/41 Euro 2	Kerax 400 Premium 400	4/96-12/02	11122 ccm	288 kW (392 PS)	123 / 6	EX	PRVI006	153692 153693	48,0x9,0x163,1	45	1
ENG. MIDR 06.23.56 B43 Euro 3	Kerax 385/400 Premium 420	9/98 →	11122 ccm	303 kW (412 PS)	123 / 6			5000663464 5000663469 5000670121 5000670730 5000670206 5000153692 5000153693 5000663471 5000663527			
ENG. MIDR 06.35.40 J1 Euro 1	Magnum AE 420 R 420	92-6/96 9/91-3/93	12024 ccm	305-314 kW (415-427 PS)	135 / 6	IN	PRVI007	5000678873 5010248978	60,0x12,0x204,4	30	1
ENG. MIDR 06.35.40 J3 Euro 1	Magnum AE 420 R TS R 420	10/92-12/96 1/93-5/96 10/92-10/96	12024 ccm	305 kW (415 PS)	135 / 6	EX	PRVI008	5000678652 5010248979	52,0x12,0x205,1	30	1
ENG. MIDR 06.35.40 L1	Magnum AE 385 R 385	2/92-10/96 12/91-8/95	12024 ccm	283 kW (385 PS)	135 / 6						
ENG. MIDR 06.35.40 M3 Euro 1	CBH 320/CLM 320 GBH 320	10/92-10/98 10/92-6/96	12024 ccm	235 kW (320 PS)	135 / 6						
ENG. MIDR 06.35.40 N/3 Euro 1	CBH 385/CLM 385 Magnum AE 385 R 385	10/92-10/98 2/92-10/96 9/93-10/96	12024 ccm	283 kW (385 PS)	135 / 6						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 				
R.V.I. DIESEL															
ENG. MIDR 06.35.40 H	CBH 380 Magnum AE 380 R 357 R 365 R 380	1/90-10/92	12024 ccm	259-276 kW (352-375 PS)	135 / 6	IN	PRVI007	5000678873	60,0x12,0x204,4	30	1				
		9/90-1/92						5010248978							
		1/86-10/96						5000678286							
		10/87-5/90						5000659584							
		1/90-1/92						5000659739							
ENG. M 635.40		64 →	12024 ccm	177-224 kW (240-306 PS)	135 / 6	IN	PRVI009	5000678286	60,0x12,0x189,3	30	1				
		ENG. MD 063.540						TR 260				73-6/79	5000659584		
												ENG. MDR 06.35.40	GB 280/GBH 280/TBH 280/ TLR 280/TR 280	1/77-9/79	5000659739
														178 kW (250 PS)	5000659284
ENG. MDS 06.35.40	GB 280/GBH 280/TBH 280/ TLR 280/TR 280	1/73-12/92	12024 ccm	177-208 kW (240-283 PS)	135 / 6	EX	PRVI010	5000678287	54,0x12,0x189,3	45	1				
ENG. MIDR 06.35.40	Series 305/310/PX 30	79 →	12024 ccm	226 kW (307 PS)	135 / 6	EX	PRVI010	5000659741	5000659407						
ENG. MIDS 06.35.40	GBH 280	4/85-10/92	12024 ccm	206 kW (280 PS)	135 / 6										
ENG. MIDR 06.35.40 B			12024 ccm	225 kW (306 PS)	135 / 6										
ENG. MIDR 06.35.40 G	CBH 340/CBH 350CLM 340/CLM 350/R 350	2/88-10/92	12024 ccm	243-259 kW (330-352 PS)	135 / 6										

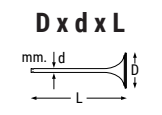




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
R.V.I. DIESEL											
ENG. MIDR 04.02.26 A/4 Euro 2	Midlum 135/ S 135	5/96-12/01	4118 ccm	100 kW (136 PS)	102 / 4	IN	PRVI011	5000667762 5000676035	46,6x10,0x140,2	30	1
ENG. MIDR 04.02.26 B/4 Euro 2	Midlum 150/ S 150	5/96-4/06	4118 ccm	110 kW (150 PS)	102 / 4			5010450589 5010553049			
ENG. MIDR 06.02.26 DU	G 200/ M 180/ M 200/ S 220	6/91 →	6177 ccm	110-166 kW (150-226 PS)	102 / 6	EX	PRVI012	5000676258 5000667939	40,6x10,0x140,2	45	1
ENG. MIDR 06.02.26 Y	Series 250/ M 230/ M 250	5/96 →	6177 ccm	184 kW (250 PS)	102 / 6			5010450590			
ENG. MIDR 06.02.26 Y41 Euro 2	Midliner M 250 Midlum 250 Premium 250	5/96-1/00 2/00-6/01 4/96-9/01	6177 ccm	184 kW (250 PS)	102 / 6						
ENG. DCi 11B J01	Midlum 150	→ 4/06	11122 ccm	112 kW (152 PS)	123 / 6	IN	PRVI023	5010359501	42,0x8,0x185,5	30	1
ENG. DCi 11 C + J01 Euro 3	Kerax 420 Lander 420 Premium 420	1/01-4/06 1/01-4/06	11122 ccm	309 kW (420 PS)	123 / 6	EX	PRVI024	5010412164	38,0x8,0x185,5	45	1
ENG. DCi 11 E + J01 Euro 3	Kerax 370 Lander 370 Premium 370	1/01-4/06 1/00-4/06	11122 ccm	272 kW (370 PS)	123 / 6						
ENG. DCi 11 G + J01 Euro 3	Kerax 320 Lander 320 Premium 320	1/01-4/06 1/00-4/06	11122 ccm	236 kW (320 PS)	123 / 6						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 			
R.V.I. DIESEL														
ENG. 4.236	Series 350/380/440/450 Series 480/500/530/550/560 OK 05 K, OK 010 K	9/79 →	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4	IN	PRVI025	31431641	44,4x9,48x123,0	45	1			
								31431103						
								31431163						
								733819M1						
								31431881				36,5x9,46x123,4	45	1
								31431104						
								31431109						
								31431164						
								31431791						
								31431851						
								31431891						
								31431931						
								733818M1						
								IN PRVI038						
	EX PRVI039	3142A052	36,5x9,5x123,5	45	1									
	IN PRVI029	31431402	44,4x9,86x123,0	45	1									
		736813M1												
	EX PRVI030	31431411	36,5x9,53x123,4	45	1									
		736815M1												
		IN PRVI027	44,4x9,48x123,0	45	1									
	EX PRVI028	36,5x9,46x123,4	45	1										
ENG. T4.40	S 120	9/90-11/92	3990 ccm	82-88 kW (112-120 PS)	100 / 4	IN	PRVI031	3142L071	45,0x9,5x122,9	45	1			
												3142L061		
												3142A051		
												3142A071		
		748309M1												
		EX PRVI032	37,4x9,5x123,3	45	1									




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R.V.I. DIESEL														
ENG. 8140.07.2585 Euro 1	B 80	8/90-6/94	2499 ccm	55 kW (75 PS)	93 / 4	IN	PRVI033	4733348 4813760 7701462677	41,0x8,0x120,8	30	1			
						EX	PRVI002	7301821 4826033 7303309 7302157 7701203675				34,4x8,0x122,0	45	1
ENG. 8140.43	Mascott 110.50/60 Mascott 130.55/65		2798 ccm		94,4 / 4	IN	PRVI034	98468338 7701030863 7701463603	43,5x8,0x122,0	30	1			
						EX	PRVI035	99432837 5001836573 0949.A0				36,0x8,0x122,0	45	1
ENG. DXi 500 Euro 4/5	Kerax 500 Magnum AE 500	→ 10/92	12800 ccm	368 kW (500 PS)	131 / 6	IN	PRVI036	31431821 31431822	45,3x9,5x139,8	45	1			
						EX	PRVI037	31431382 31431385				38,9x9,5x139,7	45	1
ENG. DXi 460 Euro 4/5	Kerax 460 Magnum AE 460		12800 ccm	338 kW (460 PS)	131 / 6	IN	PRVI040	20561995 20740798	42,0x8,0x192,0	24	9			
ENG. DXi 500 Euro 4/5	Kerax 500 Magnum AE 500	→ 10/92	12800 ccm	368 kW (500 PS)	131 / 6	EX	PRVI041	20768506 20768519	40,0x8,0x191,6	39	9			
						IN	PRVI042					42,0x8,0x192,0	30	9
						EX	PRVI043					40,0x8,0x191,6	45	9
ENG. D2356 HM 6DK	SM 260 HT, MT, V	74 →	10350 ccm	173 kW (235 PS)	123 / 6	IN	PRVI045	51.04101.0349 5000046569	57,0x12,0x149,0	45	1			
						EX	PRVI046	1-04101-0303 51.04101.0364				51,7x12,0x148,7	45	1

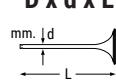



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
R.V.I. DIESEL												
ENG. MIDS 620.30 Turbo ENG. MIDR 620.45 Turbo ENG. MIDR 06.20.45.D41/C4 ENG. MIDR 06.23.56.A41/B41	PREMIUM D 260/300/340/385/400 KERAX 260/300/340/385/400	01/77 →	8820 ccm	158/169/192/206 kW (215/230/260/280 PS)	120/6	IN EX	PBER009	5000663467	54,0x9,0x163,3	30	1	
		01/83 →						PBER010	5000663464	48,0x9,0x163,1	45	1
		01/96 →	9839 ccm									
		01/96 →	11121 ccm									
ENG. DXi 11	TRUCKS Premium 2 Distribution 370.18 D TRUCKS Premium 2 Distribution 370.26 TRUCKS Premium 2 Distribution 380.18/380.19 TRUCKS Premium 2 Distribution 410.18 D/410.26 TRUCKS Premium 2 Distribution 430.18/430.19 TRUCKS Premium 2 Distribution 430.26	10/05 →	10800 ccm	243 kW (330 PS)	6	IN EX	PRVI047	20540012	40,0x8,0x192,0	30	9	
		10/05 →										7420540017
		10/06 →						PRVI048	20464020	38,0x8,0x192,7	30	9
		10/05 →						7420540013				
		10/06 →						7420564020				
		10/06 →						7421430918				




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer Amp	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SAAB BENZYNA											
ENG. B 251 I	900 II 2.5i 24V	9/93-10/98	2498 ccm	125 kW (170 PS)	81,6 / 6	IN	PSAA001	641022	32,0x6,0x102,1	45	9
ENG. B 308 I	9000 3.0i 24V 9-5 3.0i 24V	9/94-12/98 98 →	2962 ccm	155 kW (211 PS)	86 / 6	EX	PSAA002	90412277 4500849 641325 90410813 4500864	29,0x6,0x92,2	45	9
ENG. Z 18 XE	9-3 1.8i 16V	9/04 →	1796 ccm	90-92 kW (122-125 PS)	80,5 / 4	IN	PSAA003	641048 90536095	31,2x5,0x101,4	45	9
						EX	PSAA004	641357 90536164	27,5x5,0x100,8	45	9
ENG. B 207 E	9-3 2.0i Turbo 16V	9/02 →	1998 ccm	129 kW (175 PS)	86 / 4	IN	PSAA015	12575793	35,1x6,0x102,3	45	9
ENG. B 207 L	9-3 2.0i Turbo 16V	9/02 →	1998 ccm	110 kW (150 PS)	86 / 4			12786696			
ENG. B 207 R	9-3 2.0i Turbo 16V	2/03 →	1998 ccm	154 kW (210 PS)	86 / 4			55192156			
ENG. A 20 NHT	9-5 II 2.0 Turbo 16V	9/10 →	1998 ccm	162 kW (220 PS)	86 / 4	EX	PSAA016	55563529 641056 641063 71739277 12597371 12791961 24454518 4805043 641373 641376 641380 71739320 71739686	30,1x6,0x100,9	45	9

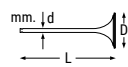




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SAAB BENZYNA											
ENG. A 16 LET Euro 5	9-5 II 1.6 Turbo 16V	9/10 →	1598 ccm	132 kW (180 PS)	79 / 4	IN	PSAA021	55557862 24433078 642011 642078	31,2x5,0x117,2	45	9
						EX	PSAA022	71739797 55558728 24433079 641379 641401			


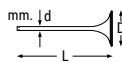




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L	Kąt przyłgni	Typ zamka
SAAB DIESEL											
ENG. Z 19 DT	9-3 1.9 TiD 16V	9/04 →	1910 ccm	88 kW (120 PS)	82 / 4	IN	PSAA017	46750859 46478834 55193126 60816038 641083	35,5x8,0x115,0	45	9
						EX	PSAA018	46764378 46416321 46783962 55202630 60814604 60816025 641089			
ENG. Z 19 DTH	9-3 1.9 TiD 16V 9-5 1.9 TiD 16V	9/04 →	1910 ccm	110 kW (150 PS)	82 / 4	IN	PSAA019	55195535 55190248 55202556 46802049 641073 641074 641075 93178587 93185523	27,9x6,0x114,4	45	9
		1/06 →				EX	PSAA020	46787902 55190249 55202557 641385 641386 93178588			


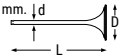




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SAAB DIESEL											
ENG. D223L (X 22 DTH)	9-3 2.2 TiD 16V	2/98-9/02	2172 ccm	85-92 kW (116-125 PS)	84 / 4	IN	PSAA023	90502319	29,0x6,0x97,2	45	9
ENG. Y 22 DTH	9-3 2.2 TiD 16V	3/98-9/02	2172 ccm	85 kW (116 PS)	84 / 4	EX	PSAA024	642168 642165 90502316 4772380 90502326 642211 642208 90502323 4772414	26,0x6,0x97,0	45	9
ENG. Z 19 DTH	9-3 (YS3F) 1.9 TiD	09/04 - 02/15	1910 ccm	110 kW (150 PS)	4	IN	PSAA025	55206431	28,0x5,0x114,4	45	9
	9-3 kabriolet (YS3F) 1.9 TiD	01/06 - 02/15						55207517			
	9-3 kombi (YS3F) 1.9 TiD	03/05 - 02/15						55205183 55207955			
	9-5 (YS3E) 1.9 TiD	01/06 - 12/09									
	9-5 kombi (YS3E) 1.9 TiD	01/06 - 12/09									
9-5 (YS3G) 2.0 TiD	05/10 - 01/12	1910 ccm	118 kW (160 PS)	4	EX	PSAA026	55205183 55207955	24,4x5,0x114,4	45	9	
ENG. A 20 DTH	9-5 (YS3G) 2.0 TiD						05/10 - 01/12				


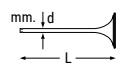




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SAME DIESEL											
ENG. 982, 983, 984, 985, 986, 1056/L, 1054	Aurora 45, Buffalo 3000, Condor C, Centaurio 70, Centurion 75, Condor 55, Corsaro 70, Delfino 35, Drago 100/120, Falcon 50/C, Fox 35/45, Jaguar 95/100, Leopard 85/C, Mercury 85, Minitaurus 60, Minitauro 60, Phanter 90/95, Ranger 45, ROW Crop 80, Saturno 80, Sirenetta, Taurus 60/C, Trident 130, Vigeron 35/45/50/60					IN	PSAM014	039.1420.0 052.1420.0	42,0x9,0x148,0	45	1
						EX	PSAM015	039.1421.0	39,5x9,0x148,0	45	1
ENG. 1054P, 1055P, 1056P	Centurion 75, Drago 120, Jaguar 95/100, Phanter 95, Laser 90/100/110/130, Mercury 85, Minitaurus 60, Solar 60, 154 PT-Turbo, Trident 130					IN	PSAM016	042.1420.2	44,0x8,0x147,7	45	1
						EX	PSAM017	071.1420.2	42,0x8,0x147,7	45	1


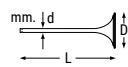




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SAME DIESEL											
ENG. 10000 .6A, 1000. 4A5, 1000 .4W, 1000 .4WT, 1000 .4A4	Antares 100, 110, 130 Argon 50, 60, 70, 55, 65 Aster 60 Dorado 55, 56, 60, 65, 70, 75, 76, 85 Explorer 60, 70, 75, 80, 90 Frutteto 55, 60, 75, 85 Golden 60, 75 Krypton 78, 80 Rock 55, 60, 70 Row Crop 100.6 Rubin 120 Silver 80, 90, 100.4, 105, 110, 130, 100.6					IN	PSAM020	010.6016.0 07814200 08114200 08114201	44,0x9,0x130,9	30	1
						EX	PSAM021	066.1421.0	39,4x9,0x131,0	45	1

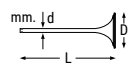




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SAVIEM DIESEL														
ENG. D 2156 HM 6 ENG. D 2156 HMN 6	E 110 E 110	66-75	10344 ccm	173 kW (235 PS)	121 / 6	IN	PSAV001	1-04101-0305	56,0x12,0x149,0	45	1			
		74-75	10344 ccm	169 kW (230 PS)	121 / 6	EX		PSAV002				51.04101.0129 51.04101.0305 1-04101-0273 51.04101.0373	49,0x12,0x148,7	45
ENG. D 2156 MTN 5	SM 260	74-78	10344 ccm	188 kW (256 PS)	121 / 6	IN	PSAV003	51.04101.0379	56,0x12,0x149,0	30	1			
						EX	PSAV002	1-04101-0273 51.04101.0373				49,0x12,0x148,7	45	1
ENG. D 2356 HM 6 DK ENG. D 2356 HMN 5	SM 260 MT SM 260 MT	74-80	10690 ccm	173 kW (235 PS)	123 / 6	IN	PSAV004	1-04101-0302	57,8x12,0x149,0	45	1			
		74-80	10690 ccm	173 kW (235 PS)	123 / 6	EX	PSAV005	51.04101.0329 1-04101-0303 51.04101.0364 5000046570				51,7x12,0x148,7	45	1
ENG. D 2555 M	15.168	10/73-7/77	9199 ccm	124 kW (168 PS)	125 / 5	IN	PSAV006	51.04101.0405	57,0x12,0x142,5	45	1			
						IN	PSAV007	51.04101.0348 51.04101.0375 51.04101.0478				58,0x12,0x142,5	30	1
						EX	PSAV008	51.04101.0367 51.04101.0440 51.04101.0447 51.04101.0479						

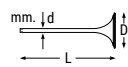




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SCANIA DIESEL											
ENG. D 10 ENG. DS10		58 →	10260 ccm	162 kW (220 PS)	127 / 6	IN	PSCA001	272804	54,0x11,0x162,5	30	1
		58-68	10260 ccm					242656 1361190 1361192			
						EX	PSCA002	232018	45,0x11,0x162,5	45	1
								1360834 1100997 352347 1397521			
ENG. DN 14 ENG. DS14 Turbo → ENG. No.5504736		68-81	14181 ccm	191 kW (260 PS)	127 / 8	IN	PSCA001	272804	54,0x11,0x162,5	30	1
		69 →	14181 ccm	275 kW (350 PS)	127 / 8			242656 1361190 1361192			
						EX	PSCA004	243477	44,0x11,0x162,5	30	1
								250839 1361197			

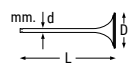




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SCANIA DIESEL											
ENG. DSC 11.04, 35, 36, 39, 71		5/82-5/00	11022 ccm	189-267 kW (257-363 PS)	127 / 6	IN	PSCA003	294674	54,0x11,0x162,5	20	1
ENG. DSC 11.10, 24, 27, 74, 75 Euro 1		5/88-5/00	11022 ccm	180-265 kW (245-360 PS)	127 / 6			1360836			
ENG. DSC 11 (USA)		78-88	11022 ccm		127 / 6			324675			
ENG. DSC 14.61 Euro 2		1/97 →	14181 ccm	300-551 kW (408-749 PS)	127 / 8			1361191			
ENG. DSC 14.08, 09, 10 Euro 1		6/88-12/96	14181 ccm	309-368 kW (420-500 PS)	127 / 8	EX	PSCA002	352211			
ENG. DSI 14.47, 50, 60, 61, 63		88 →	14181 ccm	340 kW (462 PS)	127 / 8			352212			
ENG. DN 11.01		5/80-5/00	11022 ccm	149 kW (203 PS)	127 / 6			232018			
ENG. DS 11.21, 23, 34, 71, 72, 73		1/81 →	11022 ccm	189-267 kW (257-363 PS)	127 / 6			1360834			
ENG. DS 11.18		1/81-8/98	11022 ccm	254-267 kW (345-363 PS)	127 / 6			1100997			
ENG. DSC 11 Euro 2		5/90-9/98	11022 ccm	245-280 kW (333-381 PS)	127 / 6			352347			
ENG. DSC 11.01, 02, 12		1/81-5/00	11022 ccm	245-267 kW (333-363 PS)	127 / 6			1397521			
ENG. DS 14.02, 06		5/80 →	14181 ccm	285-310 kW (387-425 PS)	127 / 8						
ENG. DSC 14.01, 02, 03, 04, 05, 06		5/80-12/96	14181 ccm	290-346 kW (390-470 PS)	127 / 8						
ENG. DSI 14.420		83-3/88	14181 ccm	309 kW (420 PS)	127 / 8						
ENG. DSC 11.03, 06, 13, 16, 17, 18, 70, 81		5/82-12/00	11022 ccm	285-305 kW (310-415 PS)	127 / 6						
ENG. DSC 11.79 Euro 2		5/96-5/99	11022 ccm	250 kW (340 PS)	127 / 6						
ENG. DSC 11.08, 21, 22, 23, 30 Euro 1		5/82-5/00	11022 ccm	228-280 kW (310-381 PS)	127 / 6						
ENG. DSC 14.13, 15 Euro 2		3/88-8/01	14181 ccm	338-390 kW (460-530 PS)	127 / 8						


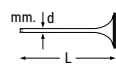




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SCANIA DIESEL											
ENG. DN 14		81 →	14181 ccm	191 kW (260 PS)	127 / 8	IN	PSCA003	294674	54,0x11,0x162,5	20	1
ENG. DS14 Turbo ENG. No.5504736 →			14181 ccm	272 kW (373 PS)	127 / 8	EX	PSCA004	1360836 324675 1361191 352211 352212 243477 250839 1361197	44,0x11,0x162,5	30	1
ENG. DN 9.01	G/P/R/T 92 F/P/T 93	1/85-1/98	8476 ccm	123-128 kW (167-174 PS)	115 / 6	IN	PSCA005	1319081 1801529 391608	51,0x11,0x162,5	20	1
ENG. DS 9.02, 03 B01, 03 B02, 05 B01, 05 B02	G/K/P/R/T 92 K 93	5/82 →	8476 ccm	128-209 kW (174-284 PS)	115 / 6	EX	PSCA006	366256 1360833 1903845 278102	44,0x11,0x162,5	45	1
ENG. DS 9	G/P/R/T 92 F/G/P/R/T 93	1/85-1/98	8476 ccm	185 kW (252 PS)	115 / 6						
ENG. DSC 9.09 Euro 1	P/R/T 93	3/88-8/97	8476 ccm	184 kW (250 PS)	115 / 6						
ENG. DS 9.01, 05, 06, 08	G/P/R/T 92 F/G/P/R/T 93	1/85-9/98	8476 ccm	155-185 kW (211-252 PS)	115 / 6						
ENG. DSC 9.01, 02	G/P/R/T 92 G/P/R/T 93	1/85-8/97	8476 ccm	202 kW (275 PS)	115 / 6						
ENG. DSC 9.07, 08, 10 Euro 1	G/K/P/R/T 93	11/87-12/01	8476 ccm	162-208 kW (220-283 PS)	115 / 6						

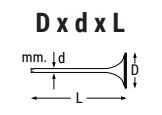




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
SCANIA DIESEL												
ENG. DC 11.07 Euro 2	K 114	8/97-12/03	10640 ccm	243 kW (330 PS)	127 / 6	IN	PSCA007	1333230	44,0x10,0x171,5	20	1	
ENG. DC 11.01, 02 Euro 2	P/R/T 114	2/96-9/04	10640 ccm	250-280 kW (340-380 PS)	127 / 6	EX	PSCA008	1477022	41,0x10,0x171,5	45	1	
ENG. DC 11.03, 04, 06, 08, 09 Euro 3	K/P/R/T 114 Century 12.35 OmniCity P 340/380 R 340/380 T 340/380	2/96 →	10640 ccm	250-280 kW (340-380 PS)	127 / 6			1515743				1785076
								1328537				1445830
ENG. DC 11.03, 04, 06, 08, 09 Euro 3	K/P/R/T 114 Century 12.35 OmniCity P 340/380 R 340/380 T 340/380	2/96 →	10640 ccm	250-280 kW (340-380 PS)	127 / 6							
ENG. DC11-340 Euro 3	P/T 340	9/04 →	10640 ccm	250 kW (340 PS)	127 / 6							
ENG. DC 12.10, 11, 12, 13 Euro 4	G 340/380 Irizar Century Irizar H, L, M Irizar PB K-series 124 OmniCity OmniExpress P 340/380 R 340/380/420	2/04 →	11716 ccm	250-309 kW (340-420 PS)	127 / 6							
ENG. DC 12.01, 02, 03, 09, 14, 55 A 294, 55 A 316, 55 A 331, 58 A 257, 58 A 272 Euro 3	K/P/R/T 124 Century 12.37/12.85/13.37 P/T 420	3/95 →	11716 ccm	257-331 kW (350-450 PS)	127 / 6							



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SCANIA DIESEL											
ENG. D10		58-68	10260 ccm	122 kW (165 PS)	127 / 6	IN	PSCA012	271803	54,0x11,0x162,5	30	1
ENG. DN11 → ENG. No.5220093		68 →	11015 ccm	149 kW (202 PS)	127 / 6	EX	PSCA004	237959	44,0x11,0x162,5	30	1
								1361189			
								243477			
						EX	PSCA002	250839	45,0x11,0x162,5	45	1
								1361197			
								232018			
								1360834			
								1100997			
								352347			
								1397521			
ENG. DC 9.22, 35, 36 Euro 5 ENG. DC 9.29, 30, 32 Filter	Irizar H, L, M OmniCity OmniLink P230/P280/P320	12/06	9300 ccm	169-235 kW (230-320 PS)	130 / 5	IN	PSCA016	1854798	44,0x10,0x171,4	20	25
							1854799				
							1886946				
							1887056				
ENG. DC 13.05, 06, 07, 10 Euro 5	P360/P400 PB GT 13.9 R360/R400/R440/R480 Touring HD 12	10/06 →	12700 ccm	265-353 kW (360-480 PS)	130 / 6	EX	PSCA017	1781847	41,0x10,0x171,5	45	25
							1854802				
							1778492				

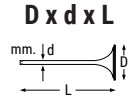




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT BENZYNA											
ENG. 021A2.000 ENG. System Porsche	Ibiza I 1.5 GLX Malaga 1.5 GLX Ronda 1.5 GLX/SX	84 →	1461 ccm	63-66 kW (85-90 PS)	83 / 4	IN	PSEA001	39402830	34,0x7,0x103,0	45	9
		85 →						039433700			
84 →	SE021012301B										
						EX	PSEA002	39402840	30,0x7,0x103,0	45	9
			039433710								
								SE21012302B			
ENG. AEX, AKV, APQ	Arosa 1.4i Cordoba 1.4i Ibiza 1.4i Inca 1.4i	2/97-9/99	1390 ccm	40-44 kW (55-60 PS)	76,5 / 4	IN	PSEA003	030109601AH	35,6x7,0x94,8	45	9
		9/95-6/99						032109611G			
		9/95-6/99									
		11/95-6/03									
ENG. ANX	Cordoba 1.4i Ibiza 1.4i	1/98-5/98	1390 ccm	40 kW (54 PS)	76,5 / 4	EX	PSEA004	032109611G	29,0x7,0x95,0	45	9
		1/98-5/98									
ENG. AEE, ALM	Cordoba 1.6i Ibiza 1.6i Inca 1.6i	5/97-8/02	1598 ccm	55 kW (75 PS)	76,5 / 4	IN	PSEA005	032109601G	34,6x7,0x94,8	45	9
		9/97-5/02						032109611G			
		6/97-9/00									
ENG. ABU	Cordoba 1.6i Ibiza 1.6i	9/93-8/94	1588 ccm	55 kW (75 PS)	76,5 / 4	IN	PSEA005	032109601G	34,6x7,0x94,8	45	9
		2/93-8/94						PSEA004			
ENG. AFT	Cordoba 1.6i Ibiza 1.6i Toledo 1.6i	9/94-6/99	1595 ccm	74 kW (101 PS)	81 / 4	IN	PSEA012	078109601A	39,5x7,0x91,9	45	9
		9/95-6/99						078109601B			
		9/96-3/99						078109601E			
ENG. AEH, AKL, APF, AUR	Cordoba 1.6i Ibiza 1.6i Leon 1.6i Toledo 1.6i	6/99-8/02	1595 ccm	74 kW (101 PS)	81 / 4	EX	PSEA013	078109601F	32,9x7,0x91,2	45	9
		6/99-5/02						06A109601E			
		8/99-10/05						037109601			
		10/98-7/04						048109611B			
ENG. AGG	Cordoba 2.0i Ibiza 2.0i Toledo 2.0i	4/96-6/99	1984 ccm	85 kW (101 PS)	82,5 / 4	EX	PSEA013	078109611C	32,9x7,0x91,2	45	9
		4/96-6/99						037109611B			
		3/96-3/99									
ENG. ATM	Alhambra 2.0i	6/00-3/10	1984 ccm	85 kW (101 PS)	82,5 / 4						
ENG. AZL, BBX	Cordoba 2.0i Ibiza 2.0i	9/02 →	1984 ccm	85 kW (101 PS)	82,5 / 4	EX	PSEA013		32,9x7,0x91,2	45	9
		7/02 →									


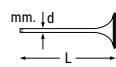




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT BENZYNA											
ENG. BXV	Cordoba 1.2i 12V Ibiza 1.2i 12V	5/06-11/09 5/06-11/09	1198 ccm	51 kW (69 PS)	76,5 / 4	IN	PSEA014	036109601S 036109601AD	29,5x6,0x100,9	45	9
ENG. BXW	Altea 1.4 SRE 16V Cordoba 1.4 SRE 16V Ibiza 1.4 SRE 16V Leon 1.4 SRE 16V Toledo 1.4 SRE 16V	5/06-5/10 5/06-11/09 3/08-5/10 6/06-5/10 5/06-5/09	1390 ccm	63 kW (86 PS)	76,5 / 4 76,5 / 4	EX	PSEA015	036109601AK 036109611K 036109611AE	26,0x6,0x100,5	45	9
ENG. BZG	Ibiza 1.2 SRE 12V	3/08 →	1198 ccm	51 kW (69 PS)	76,5 / 4						
ENG. CAVA	Alhambra 1.4 TS	6/10 →	1390 ccm	110 kW (150 PS)	76,5 / 4						
ENG. CAVE	Ibiza 1.4 FSI 16V	5/09 →	1390 ccm	132 kW (180 PS)	76,5 / 4						
ENG. CAVF	Ibiza 1.4 FSI 16V	3/09 →	1390 ccm	110 kW (150 PS)	76,5 / 4						
ENG. CAXC	Altea 1.4 TFSI 16V Leon 1.4 TFSI 16V Toledo 1.4 TFSI 16V	11/07 → 11/07 → 11/07-5/09	1390 ccm	74 kW (101 PS)	76,5 / 4						
ENG. CGPA	Ibiza 1.2i 12V Leon 1.4i 16V	5/09 → 8/03-9/07	1198 ccm	51 kW (69 PS)	76,5 / 3						
ENG. CGGB	Altea 1.4 SRE 16V Ibiza 1.4 SRE 16V Leon 1.4 SRE 16V	5/10 → 3/10 → 5/10 →	1390 ccm	63 kW (85 PS)	76,5 / 4						
ENG. AER	Arosa 1.0i Cordoba 1.0i Ibiza 1.0i	2/97-9/99 6/97-6/99 9/96-6/99	999 ccm	37 kW (50 PS)	67,1 / 4	IN EX	PSEA016 PSEA017	030109601AG 030109611N	31,0x7,0x94,7 26,0x7,0x94,4	45 45	9 9
ENG. ALL	Arosa 1.0i	8/97-5/99	999 ccm	37 kW (50 PS)	67,1 / 4						


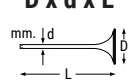




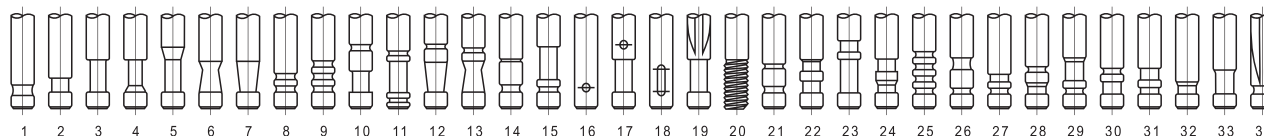
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT BENZYNA											
ENG. 100 GL.0N.0, 100 GL.000, 100 GL.064, 100 GL.9N.0	127	5/72-12/80	903 ccm	33 kW (45 PS)	65 / 4	IN	PSEA018	4265695 4259853 46407749 46427459 4190109	29,0x7,0x95,3	30	1
ENG. 100 GL.3C.0	Fura 0.9 Ibiza 0.9 Junior Marbella 0.8	3/84-12/86 8/86-5/93 82-10/98	903 ccm	33 kW (45 PS)	65 / 4			5959564			
ENG. 100 GL6.000, 08 NCA	Marbella 0.8	1/87-10/93	843 ccm	25 kW (33 PS)	65 / 4			4259583			
ENG. 146 A.000	Ibiza 0.9	8/86-5/93	903 ccm	33 kW (45 PS)	65 / 4	EX	PSEA019	4183555 4274135 4377979 5973130 5959563 5963326 7736408 7783841	26,0x7,0x95,7	45	1
						EX	PSEA057	4265696 4266321	26,0x7,0x95,3	45	9
ENG. AGN, APG	Leon 1.8i 20V Toledo 1.8i 20V	10/98-10/05 10/98-7/04	1781 ccm	92 kW (125 PS)	81 / 4	IN	PSEA020	058109601C	26,9x6,0x105,1	45	9
						EX	PSEA021	058109611M	29,9x6,0x103,9	45	9
ENG. APP	Leon 1.8i Turbo 20V	8/99-12/00	1781 ccm	132 kW (180 PS)	81 / 4			06B109611D	Odległość zamka - 4,0 [mm]		
ENG. AJH, AWC	Alhambra 1.8i Turbo 20V	5/98-3/10	1781 ccm	110 kW (150 PS)	81 / 4	IN	PSEA020	058109601C	26,9x6,0x105,1	45	9
ENG. AJQ, ARY, AQU	Leon 1.8i Turbo 20V	3/00-10/05	1781 ccm	132 kW (180 PS)	81 / 4	EX	PSEA066	058109611E	29,9x6,0x103,9	45	9
ENG. AQX	Cordoba 1.8i Turbo 20V Ibiza 1.8i Turbo 20V	12/99-10/00 12/99-10/00	1781 ccm	115 kW (156 PS)	81 / 4				Odległość zamka - 5,9 [mm]		
ENG. AMK, BAM	Leon 1.8i Cupra R 20V	5/02-6/06	1781 ccm	154-165 kW (210-225 PS)	81 / 4						
ENG. BBU	Ibiza 1.8i Cupra 20V	5/04 →	1781 ccm	132 kW (179 PS)	81 / 4						
ENG. BJX	Ibiza 1.8i Turbo 20V	12/03 →	1781 ccm	110 kW (150 PS)	81 / 4						


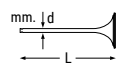




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT BENZYNA											
ENG. EZ	Toledo 1.6i 16V	5/91-9/91	1595 ccm	55 kW (75 PS)	81 / 4	IN	PSEA046	035109601H 035109601G	38,0x8,0x91,0	45	9
						IN	PSEA050		38,0x8,0x91,35	45	9
						IN	PSEA086	035109601C 035109601D 035109601F 035109603	38,0x8,0x98,7	45	9
						EX	PSEA023	048109611A 053109611	33,0x8,0x91,2	45	9
						EX	PSEA047	026109611A	33,2x8,0x90,8	45	9
						EX	PSEA087	035109611F 035109611H	33,2x8,0x98,5	45	9
						ENG. System Porsche ENG. 021A1.000	Ibiza 1.2 L/GL/GLX Malaga 1.2 L/GL/GLX Ronda 1.2 L/GL/GLX	84 → 85 → 84 →	1193 ccm	47 kW (63 PS)	75 / 4
EX	PSEA027	39403040 039433690 SE0210-12302A	28,0x7,0x103,0	45	9						
ENG. ABF	Alhambra 2.0i 16V Cordoba 2.0i 16V Ibiza 2.0i 16V Toledo 2.0i 16V	96-00	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PSEA028	051109601B	32,0x7,0x95,5	45	9
		7/96-6/99				EX	PSEA029	051109611B 034109611F	27,0x7,0x98,0	45	9
		7/96-6/99									
		3/94-3/99									
ENG. ADL	Cordoba 1.8 16V Ibiza 1.8i 16V	93 →	1781 ccm	95 kW (129 PS)	81 / 4						
		93-96									




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT BENZYNA											
ENG. RP	Toledo 1.8i	5/91-11/93	1781 ccm	66 kW (90 PS)	81 / 4	IN	PSEA032	035109601J	38,0x8,0x91,9	45	9
ENG. 1F, ABN	City Golf 1.6i (CN)	5/94-6/96	1595 ccm	55 kW (75 PS)	81 / 4	EX	PSEA023	035109601K	33,2x8,0x91,2	45	9
	Cordoba/ Ibiza 1.6i	9/94-6/99						053109611			
	Inca/ Toledo 1.6i	5/91-3/99						048109611A			
ENG. ABS, ADZ, ACC	Cordoba/ Ibiza 1.8i	2/93-6/99	1781 ccm	66 kW (90 PS)	81 / 4						
ENG. KR, PL	Toledo 1.8i 16V	5/91-3/94	1781 ccm	95-100 kW (129-136 PS)	81 / 4	IN	PSEA033	027109601C	32,0x7,0x95,5	45	1
						EX	PSEA034	027109611A 027109611B 027109611C 027109611D	28,0x7,0x98,2	45	1
ENG. ABD	Cordoba/ Ibiza 1.4i	9/93-11/95	1391 ccm	44 kW (60 PS)	75 / 4	IN	PSEA035	030109601L	36,0x7,0x99,3	45	9
						IN	PSEA036	030109601J	34,0x7,0x99,0	45	9
						EX	PSEA037	030109611D	29,0x7,0x99,2	45	9
ENG. 2G, 3F, AAV	Ibiza 1.3i	89-94	1272 ccm	40 kW (55 PS)	75 / 4	IN	PSEA035	030109601L	36,0x7,0x99,3	45	9
						EX	PSEA037	030109611D	29,0x7,0x99,2	45	9
ENG. 1W	Terra 1.4D	90-95	1398 ccm	35 kW (48 PS)	75 / 4	IN	PSEA036	030109601G	34,0x7,0x99,0	45	9
ENG. AAU, ABD	Cordoba, Ibiza	93 →	1043 ccm 1391 ccm	33 kW (45 PS) 44 kW (60 PS)	75 / 4	EX	PSEA037	030109611D	29,0x7,0x99,2	45	9
ENG. AFH	Cordoba/ Ibiza 1.4i 16V	6/97-6/99	1390 ccm	74 kW (101 PS)	76,5 / 4	IN	PSEA038	036109601P	29,5x6,0x97,9	45	9
						EX	PSEA039	036109611L	26,0x6,0x97,3	45	9
ENG. AAU	Ibiza 1.05i	2/93-6/96	1043 ccm	33 kW (45 PS)	75 / 4	IN	PSEA042	030109601M	32,0x7,0x99,2	45	9
						EX	PSEA037	030109611D	29,0x7,0x99,2	45	9


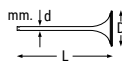




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT BENZYNA											
ENG. 2G, AAV, 3F	Cordoba 1.3	2/93-7/94	1272 ccm	40-57 kW (54-78 PS)	75 / 4	IN	PSEA043	030109601D	36,0x8,0x99,3	45	9
	Ibiza 1.3	2/93-8/94						030109601F			
	Ibiza 1.3i	89-94						030109601E			
ENG. AAU	Ibiza 1.05i	2/93-6/96	1043 ccm	33 kW (45 PS)	75 / 4	IN	PSEA082	030109601B	36,0x8,0x98,7	45	9
ENG. ABD	Cordoba/ Ibiza 1.4i	9/93-11/95	1391 ccm	44 kW (60 PS)	75 / 4	EX	PSEA045	030109601C	28,8x8,0x99,1	45	9
								073109601D			
ENG. CCSA	Altea 1.6 SRE	12/07-11/10	1598 ccm	75 kW (102 PS)	81 / 4	IN	PSEA051	06B109601B	39,5x6,0x93,9	45	9
	Leon 1.6 SRE	7/05-11/10						06B109601D			
	Toledo 1.6 SRE	12/07 →						06B109601H			
ENG. BFQ, ALZ	Exeo 1.6i	3/09-9/10	1595 ccm	75 kW (102 PS)	81 / 4	EX	PSEA052	06B109611B	33,0x6,0x93,9	45	9
	Leon 1.6i	10/05-6/06						06B109611C			
ENG. BGU, BSE, BSF	Altea/ Toledo 1.6 SRE	2/04 →	1595 ccm	75 kW (102 PS)	81 / 4	EX	PSEA052	06B109611B	33,0x6,0x93,9	45	9
	Leon 1.6 SRE	7/05 →									
ENG. CMXA, CHGA	Altea/ Leon 1.6 SRE/ LPG	9/09 →	1595 ccm	75 kW (102 PS)	81 / 4	EX	PSEA052	06B109611C	33,0x6,0x93,9	45	9
ENG. BLR, BLY, BVY, BVZ	Altea 2.0 FSI 16V	5/04-3/09	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PSEA053	06D109601K	33,8x6,0x104,0	45	9
	Leon 2.0 FSI 16V	7/05-5/10						06E109601E			
	Toledo 2.0 FSI 16V	9/04-3/09						06E109601F			
						EX	PSEA054	06D109611K	28,0x6,0x101,9	45	9
								06D109611L			
ENG. ALD, ANV, AUC	Arosa 1.0i	7/99-6/04	999 ccm	37 kW (50 PS)	67,1 / 4	IN	PSEA060	030109601AK	31,0x6,0x99,0	45	9
	Cordoba 1.0i	8/99-8/02						030109611S			
	Ibiza 1.0i	8/99-5/02									
						EX	PSEA061	030109611S	26,0x6,0x99,0	45	9




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
SEAT BENZYNA											
ENG. AKK, ANW, AUD	Arosa 1.4i	7/99-6/04	1390 ccm	44 kW (60 PS)	76,5 / 4	IN EX	PSEA062	030109601AL	33,5x6,0x99,2	45	9
	Cordoba/ Ibiza 1.4i	8/99-8/03					PSEA063	030109611T	28,0x6,0x99,2	45	9
	Inca 1.4i	9/00-6/03						03D109611A 032109611L 032109611M			
ENG. AHT	Arosa 1.0	98 →	999 ccm		67,1 / 4	IN EX	PSEA071	047109601D 047198601D 114-020249	34,0x7,0x101,4	45	9
							PSEA072	047109611D 047198611D 047-109611	30,0x7,0x101,4	45	9
ENG. 131 C4.000	131 2.0	82-12/84	1995 ccm	83 kW (113 PS)	84 / 4	IN IN EX	PSEA073	4255694	41,9x8,0x106,3	45	1
							PSEA075	4440061 4460061 7547400 46406169 7031135	43,6x8,0x105,6	45	1
							PSEA074	4359309 4255695 4293992 4469661 5975341 4173747 4186165 7597080	36,2x8,0x105,9	45	1


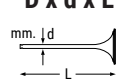




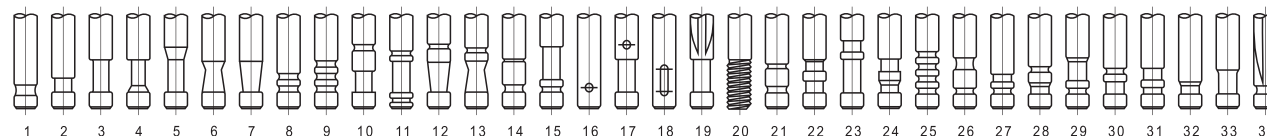
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT BENZYNA											
ENG. 146 A.000	Ibiza 0.9	8/86-5/93	903 ccm	33 kW (45 PS)	65 / 4	IN	PSEA079	4212771 4239917 4460697	36,0x8,0x108,5	45	1
						EX	PSEA080	4315062 5973128 4239918 4314869 4190307	31,0x8,0x109,0	45	1
ENG. BAH	Cordoba/ Ibiza 1.6i	4/03 →	1598 ccm	74 kW (101 PS)	76,5 / 4	IN	PSEA085	032109601L	34,4x6,0x99,1	45	9
ENG. BBM, CHFA	Ibiza 1.2i	6/07-11/09	1198 ccm	44 kW (60 PS)	76,5 / 4	EX	PSEA063	032109601M 030109611T 03D109611A 032109611L 032109611M	28,0x6,0x99,2	45	9
ENG. CBZA ENG. CBZB	Toledo 1.2 TSI	10/12 →	1198 ccm	63 kW (85 PS)	71 / 4	IN	PSEA089	03F109601A	35,5x6,0x98,7	45	9
	Altea/ Ibiza 1.2 TSI Leon 1.2 TSI Toledo 1.2 TSI	4/10 → 2/10-11/12 10/12 →	1198 ccm	77 kW (105 PS)	71 / 4	EX	PSEA090	03F109611B 03F109611C	30,0x6,0x98,4	45	9


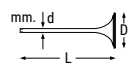




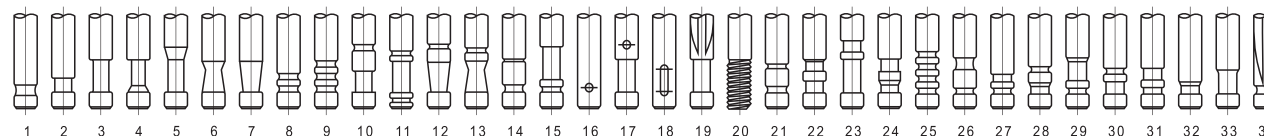
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L	Kąt przyłgni	Typ zamka
SEAT BENZYNA											
ENG. AGZ	Toledo 2.3i 20V Leon 2.3i 20V	10/98-11/00	2324 ccm	110 kW (150 PS)	81 / 5	IN	PSEA091	021109601E 021109601H 021109601J 021109601K 021109601L 95WW6507AA 1004128 1072283 1031317	39,0x7,0x106,0	45	9
		98 →				EX	PSEA092	021109611D 021109611F 021109611G 95VW6505AA 1031316 1004127	34,3x7,0x107,0	45	9



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT DIESEL											
ENG. 1Y	Cordoba 1.9 D	9/93-6/99	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSEA006	069109601F	36,0x8,0x95,1	45	9
	Ibiza 1.9 D	2/93-6/99					PSEA007	074109611	31,2x8,0x95,5	45	9
	Inca 1.9 D	11/95-6/03									
	Toledo 1.9 D	5/91-3/99									
ENG. AEY	Cordoba 1.9 SDI	9/95-6/99	1896 ccm	47 kW (64 PS)	79,5 / 4	EX					
	Ibiza 1.9 SDI	9/95-6/99									
	Inca 1.9 SDI	11/95-9/00									
ENG. AGP	Cordoba 1.9 SDI	4/99-8/02	1896 ccm	50 kW (68 PS)	79,5 / 4	EX					
	Ibiza 1.9 SDI	4/99-5/02									
ENG. OM 615.912, OM 615.941	132 2.2 D	74-82	2197 ccm	44-49 kW (60-67 PS)	87 / 4	IN	PSEA008	6150530001	38,8x10,0x131,5	30	20
ENG. OM 615.940, OM 615.961 (ESP), OM 615.969 (POR)	132 2.0 D	5/73-2/79	1988 ccm	40-44 kW (55-60 PS)	87 / 4	EX	PSEA009	6150530101			
	2000 D	5/73-2/79	1988 ccm	40 kW (55 PS)	87 / 4			6150530501			
ENG. OM 615.940, OM 615.966 (ESP)	2000 D	5/73-2/79	1988 ccm	40 kW (55 PS)	87 / 4	EX		6150530405			
ENG. OM 615.940, OM 615.966 (ESP)	2000 D	5/73-2/79	1988 ccm	40 kW (55 PS)	87 / 4	EX		6150530705			
ENG. AVG	Alhambra 1.9 TDI	9/97-2/00	1896 ccm	81 kW (110 PS)	79,5 / 4	IN	PSEA010	028109601D	36,0x7,0x96,85	45	9
ENG. AGR, ALH	Cordoba 1.9 TDI	4/99-8/02	1896 ccm	66 kW (90 PS)	79,5 / 4	EX		028109601K	31,5x7,0x96,8	45	9
	Ibiza 1.9 TDI	4/99-5/02						1079769			
	Leon 1.9 TDI	11/99-10/05						028109611G			
	Toledo 1.9 TDI	3/99-7/04						1049788			
ENG. ASV, AHF	Cordoba 1.9 TDI	3/99-8/02	1896 ccm	81 kW (110 PS)	79,5 / 4	EX			31,5x7,0x96,8	45	9
	Ibiza 1.9 TDI	3/99-5/02									
	Leon 1.9 TDI	10/99-10/05									
	Toledo 1.9 TDI	10/98-7/04									




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT DIESEL											
ENG. AFN	Alhambra 1.9 TDI	9/97-2/00	1896 ccm	81 kW (110 PS)	79,5 / 4	IN	PSEA010	028109601D	36,0x7,0x96,85	45	9
	Cordoba 1.9 TDI	3/97-6/99						028109601K			
	Ibiza 1.9 TDI	3/97-6/99						1079769			
	Toledo 1.9 TDI	12/96-3/99						028109601A			
ENG. 1Z, AHU	Alhambra 1.9 TDI	3/96-2/00	1896 ccm	66 kW (90 PS)	79,5 / 4	IN	PSEA024	028109601H	36,0x8,0x96,8	45	9
	Cordoba 1.9 TDI	7/96-6/99						046109601G			
	Ibiza 1.9 TDI	7/96-6/99						046109601H			
	Toledo 1.9 TDI	4/95-3/99						046109601J			
ENG. AEY	Cordoba 1.9 SDI	9/95-6/99	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSEA030	028109601J	36,0x7,0x96,5	45	9
	Ibiza 1.9 SDI	9/95-6/99						028109611K			
	Inca 1.9 SDI	11/95-9/00						EX			
ENG. AHB	Inca 1.7 SDI	7/96-9/00	1716 ccm	42 kW (57 PS)	79,5 / 4			EX			
ENG. AKU	Arosa 1.7 SDI	8/97-10/03	1716 ccm	44 kW (60 PS)	79,5 / 4			EX			
ENG. AGP, AQM	Cordoba 1.9 SDI	4/99-8/02	1896 ccm	50 kW (68 PS)	79,5 / 4			046109611C	31,5x8,0x96,9	45	9
	Ibiza 1.9 SDI	4/99-5/02						046109611E			
	Leon 1.9 SDI	6/00-10/03						046109611F			
ENG. AYQ, ASY	Cordoba 1.9 SDI	9/02 →	1896 ccm	47 kW (64 PS)	79,5 / 4			1669772			
	Ibiza 1.9 SDI	1/02 →						9186566			
	Inca 1.9 SDI	9/00-6/03						9186566			

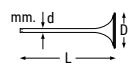




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT DIESEL											
ENG. AMF	Arosa 1.4 TDI	10/99-6/04	1422 ccm	55 kW (75 PS)	79,5 / 3	IN	PSEA040	038109601B	35,9x7,0x89,9	45	9
	Cordoba 1.4 TDI	10/02 →						1100679			
ENG. ANU	Alhambra 1.9 TDI	5/02-12/05	1896 ccm	66 kW (90 PS)	79,5 / 4	EX	PSEA041	038109611B	31,5x7,0x90,0	45	9
		6/00-3/10						038109611F			
ENG. ATD	Cordoba 1.9 TDI	9/02 →	1896 ccm	74 kW (101 PS)	79,5 / 4	EX	PSEA041	038109611F	31,5x7,0x90,0	45	9
	Ibiza 1.9 TDI	9/01 →									
ENG. AUY, BVK	Alhambra 1.9 TDI	6/00-3/10	1896 ccm	85 kW (116 PS)	79,5 / 4						
ENG. ARL	Leon 1.9 TDI	9/00-12/05	1896 ccm	110 kW (150 PS)	79,5 / 4						
	Toledo 1.9 TDI	10/00-7/04									
ENG. ASZ	Alhambra 1.9 TDI	11/02-11/08	1896 ccm	96 kW (130 PS)	79,5 / 4						
	Cordoba 1.9 TDI	10/02 →									
	Ibiza 1.9 TDI	11/01 →									
	Leon/Toledo 1.9 TDI	5/03-6/06									
ENG. BPX	Ibiza 1.9 TDI	3/04 →	1896 ccm	118 kW (160 PS)	79,5 / 4						
ENG. BUK	Ibiza 1.9 TDI	11/05-2/08	1896 ccm	118 kW (160 PS)	79,5 / 4						
ENG. BLT	Cordoba 1.9 TDI	5/05 →	1896 ccm	96 kW (130 PS)	79,5 / 4						
	Ibiza 1.9 TDI	5/05-11/09									
ENG. BTB	Alhambra 1.9 TDI	6/05-5/07	1896 ccm	110 kW (150 PS)	79,5 / 4						
ENG. 1Y	Cordoba 1.9 D	9/93-6/99	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSEA048	028109601B	36,0x7,0x95,5	45	9
	Ibiza 1.9 D	2/93-6/99						028109611B			
	Inca 1.9 D	11/95-6/03									
	Toledo 1.9 D	5/91-3/99									
ENG. AAZ	Cordoba 1.9 TD	9/93-8/97	1896 ccm	55 kW (75 PS)	79,5 / 4	EX	PSEA049	028109611B	31,5x7,0x95,6	45	9
	Ibiza 1.9 TD	2/93-8/97									
	Toledo 1.9 TD	5/91-4/97									
ENG. AEF	Cordoba 1.9 D	96 →	1896 ccm	47 kW (64 PS)	79,5 / 4						


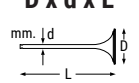




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT DIESEL											
ENG. AZV	Altea 2.0 TDI 16V	4/04-3/09	1968 ccm	100 kW (136 PS)	81 / 4	IN	PSEA083	03G109601A	29,4x6,0x88,5	45	9
	Leon 2.0 TDI 16V	7/05-5/10					PSEA084	03G109611B	25,5x6,0x88,2	45	9
	Toledo 2.0 TDI 16V	9/04-5/09					PSEA055	03G109601B	29,2x6,0x87,8	45	9
ENG. BKD	Altea 2.0 TDI 16V	3/04 →	1968 ccm	103 kW (140 PS)	81 / 4	EX	PSEA056	MN980080	25,5x6,0x87,5	45	9
	Leon 2.0 TDI 16V	7/05 →						68001582AA			
	Toledo 2.0 TDI 16V	9/04-5/09						03G109611D			
ENG. BMN	Altea 2.0 TDI 16V	2/06-5/10	1968 ccm	125 kW (170 PS)	81 / 4	EX	PSEA056	MN980081	25,5x6,0x87,5	45	9
	Leon 2.0 TDI 16V	2/06-3/09						68001583AA			
	Toledo 2.0 TDI 16V	1/06-5/09									
ENG. AAZ	Cordoba 1.9 TD	9/93-8/97	1896 ccm	55 kW (75 PS)	79,5 / 4	IN	PSEA064	069109601H	36,0x8,0x95,0	45	9
	Ibiza 1.9 TD	2/93-8/97					PSEA007	074109611	31,1x8,0x95,5	45	9
	Toledo 1.9 TD	5/91-4/97									
ENG. 8144.61.200	131 2.4 D	81-85	2429 ccm	53 kW (72 PS)	93 / 4	IN	PSEA076	4757358	41,0x8,0x120,8	30	1
								7301820 504069200 7701030863 7701462678 7701463603 7701467250 0948.A2			
						EX	PSEA077	7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1


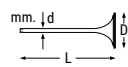




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT DIESEL											
ENG. 4.108	131 1.8 D	5/75-82	1753 ccm	36-38 kW (49-52 PS)	79,375 / 4	IN	PSEA080	31431661 0910064	36,0x8,0x117,0	45	1
						EX	PSEA081	31431861 0910061	30,3x8,0x117,0	45	1
ENG. MN ENG. 1W	Terra 1.3D	89-91	1272 ccm	33 kW (45 PS)	75 / 4	IN	PSEA088	030109601	34,0x8,0x99,1	45	9
	Terra 1.4D	90-95	1398 ccm	35 kW (48 PS)	75 / 4	EX	PSEA045	030109611A	28,9x8,0x99,1	45	9
ENG. CAYB	Altea (5P1) 1.6 TDI	06/13 →	1598 ccm	66 kW (90 PS)	4	IN	PSEA093	03L109601	26,5x6,0x99,3	45	9
	Altea XL (5P5, 5P8) 1.6 TDI	11/10 →				EX	PSEA094	03L109611A	24,5x6,0x99,1	45	9
	Ibiza IV (6J5, 6P1) 1.6 TDI	05/09 →									
	Ibiza IV SPORTCOUPE (6J1, 6P5) 1.6 TDI	05/09 →									
	Ibiza IV ST (6J8, 6P8) 1.6 TDI	03/10 →									
	Leon (1P1) 1.6 TDI Toledo IV (KG3) 1.6 TDI	11/10 - 12/12 06/13 →									
ENG. CAYC	Altea (5P1) 1.6 TDI	10/09 →	1598 ccm	77 kW (105 PS)	4						
	Altea XL (5P5, 5P8) 1.6 TDI	10/09 →									
	Leon (1P1) 1.6 TDI	02/10 - 12/12									
ENG. CFWA	Ibiza IV (6J5, 6P1) 1.2 TDI	05/10 -	1199 ccm	55 kW (75 PS)	3						
	Ibiza IV SPORTCOUPE (6J1, 6P5) 1.2 TDI	05/10 →									
	Ibiza IV ST (6J8, 6P8) 1.2 TDI	04/10 →									




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT DIESEL											
ENG. CLHA	Leon (5F1) 1.6 TDI	11/12 →	1598 ccm	77 kW (105 PS)	4	IN EX	PSEA093 PSEA094	03L109601 03L109611A	26,5x6,0x99,3	45	9
	Leon SC (5F5) 1.6 TDI	02/13 →							24,5x6,0x99,1	45	9
	Leon ST (5F8) 1.6 TDI	10/13 →									
	Leon ST (5F8) 1.6 TDI 4Drive	04/14 →									
ENG. CLHB	Leon (5F1) 1.6 TDI	11/12 →	1598 ccm	66 kW (90 PS)	4						
	Leon SC (5F5) 1.6 TDI	02/13 →									
	Leon ST (5F8) 1.6 TDI	11/13 →									
ENG. CLNA	Ibiza IV (6J5, 6P1) 1.6 TDI	05/09 →	1598 ccm	77 kW (105 PS)	4						
	Ibiza IV SPORTCOUPE (6J1, 6P5) 1.6 TDI	05/09 →									
	Ibiza IV ST (6J8, 6P8) 1.6 TDI	03/10 →									
	Toledo IV (KG3) 1.6 TDI	07/12 →									
ENG. CRKB	Leon (5F1) 1.6 TDI	09/13 →	1598 ccm	81 kW (110 PS)	4						
	Leon SC (5F5) 1.6 TDI	09/13 →									
	Leon ST (5F8) 1.6 TDI	09/13 →									
	Leon ST (5F8) 1.6 TDI 4Drive	11/14 →									
ENG. CEGA	Altea (5P1) 2.0 TDI	03/06 →	1968 ccm	125 kW (170 PS)	4	IN EX	PSEA095 PSEA096	03L109601 04L109601B 03L109611 04L109611B	28,2x6,0x99,3	45	9
	Altea XL (5P5, 5P8) 2.0 TDI	06/07 →							26,0x6,0x99,1	45	9
ENG. CFFA	Toledo III (5P2) 2.0 TDI	01/06 - 05/09	1968 ccm	100 kW (136 PS)	4						
	Alhambra (710, 711) 2.0 TDI	06/10 - 05/11									

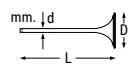




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SEAT DIESEL											
ENG. AMF	Arosa (6H) 1.4 TDI	01/00 - 06/04	1422 ccm	55 kW (75 PS)	3	IN EX	PSEA097 PSEA098	038109601E 038109611E	36,0x7,0x89,5 31,5x7,0x89,0	45 45	9 9
	Cordoba (6L2) 1.4 TDI	10/02 - 12/05									
Ibiza III (6L1) 1.4 TDI	05/02 - 12/05										
ENG. AXR	Leon (1M1) 1.9 TDI	10/05 - 06/06	1896 ccm	74 kW (100 PS)	4						
ENG. BLS	Ibiza IV (6J5, 6P1) 1.9 TDI	03/08 - 06/10	1896 ccm	77 kW (105 PS)	4						
	Ibiza IV SPORTCOUPE (6J1, 6P5) 1.9 TDI	07/08 - 06/10									
ENG. BMM	Altea (5P1) 2.0 TD	11/05 →	1968 ccm	103 kW (140 PS)	4						
	Altea XL (5P5, 5P8) 2.0 TDI	10/06 →									
	Altea XL (5P5, 5P8) 2.0 TDI	06/07 →									
	Leon (1P1) 2.0 TDI	10/05 - 10/10									
	Toledo III (5P2) 2.0 TDI	11/05 - 05/09									
SIMCA-TABLOT → PEUGEOT 384											

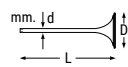




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L	Kąt przyłgni	Typ zamka
SIMSON BENZYNA											
AWO 425 S (Sports)		50-61	248 ccm	10,3-11,4 kW (14-15,5 PS)	68 / 1	IN EX	PSMS001		36,0x8,0x98,0	45	33
							PSMS002		36,0x8,0x99,5	45	33
AWO 425 T (Touring)		50-61	248 ccm	9 kW (12 PS)	68 / 1	IN EX	PSMS001		36,0x8,0x98,0	45	33
							PSMS003		36,0x9,0x99,5	45	33



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SKODA BENZYNA											
ENG. 115	100, 100L 110 L/LS	69-78	988 ccm	31 kW (42 PS)	68 / 4	IN	PSK0001	10.197.1209	32,1x7,5x100,0	45	33
		69-81	1107 ccm	36-39 kW (48-52 PS)	72 / 4	EX	PSK0002	10.215.1209	27,3x7,5x100,0	45	33
ENG. 742.10	105 S	84 →	1046 ccm	33 kW (45 PS)	68 / 4	IN	PSK0003	441.0.1209.265.6	31,2x8,0x101,0	45	9
								EX	PSK0005	441.0.1209.264.6	27,2x8,0x101,0
						IN	PSK0004			441.0.1209.372.6	31,2x8,23x101,0
								EX	PSK0006	441.0.1209.373.6	27,2x8,22x101,0
ENG. 742.12	120L 120 GLS/L/LS	77 →	1174 ccm	38 kW (52 PS)	72 / 4	IN	PSK0007			441.0.1209.266.6	32,2x8,0x101,0
		84 →	1174 ccm	39-43 kW (52-58 PS)	72 / 4			113020241			
ENG. 742. 12X	120 G/LS	84 →	1174 ccm	43 kW (58 PS)	72 / 4	EX	PSK0005	441.0.1209.264.6	27,2x8,0x101,0	45	9
								IN	PSK0008	441.0.1209.374.6	32,2x8,23x101,0
						EX	PSK0006			441.0.1209.373.6	27,2x8,22x101,0
								ENG. 742.13	130 G/L	84 →	
EX	PSK0010	441.0.1209.321.6	29,0x8,0x101,0	45	9						
		ENG. 781. 115. 116. 135. 136.	Forman 135 L/LK/LE/LS/ LSK	89 →	1137 ccm	38 kW (52 PS)	75,5 / 4	IN	PSK0011	441.0.1209.346.6	34,0x8,0x101,3
EX	PSK0012									441.0.1209.347.6	30,0x8,0x101,8
		ENG. 781. 115. 116. 135. 136.	Favorit, Forman 135 136L/LK/LE/LS/LSK/LSE	89 →	1289 ccm	46 kW (63 PS)	75,5 / 4				
ENG. AME, AQW	Felicia 1.3 Fabia 1.4i	10/94-7/97	1289 ccm	40-50 kW (54-68 PS)	75,5 / 4	IN	PSK0013	047109601D	34,0x7,0x101,4	45	9
		8/99-5/03	1397 ccm	50 kW (68 PS)	75,5 / 4			047198601D			
ENG. ATZ	Fabia 1.4i	8/99-1/01	1397 ccm	50 kW (68 PS)	75,5 / 4	EX	PSK0014	114-020249	30,0x7,0x101,4	45	9
ENG. AZE, AZF	Fabia 1.4i	4/00-3/03	1397 ccm	44 kW (60 PS)	75,5 / 4			047109611D			
								047198611D			
								047-109611			

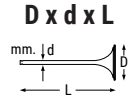




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SKODA BENZYNA											
ENG. AEE	Felicia 1.6i	5/95-8/01	1598 ccm	55 kW (75 PS)	76,5 / 4	IN	PSK0015	030109601AH	35,6x7,0x94,8	45	9
	Octavia 1.6i	10/96 →				EX	PSK0016	032109611G	29,0x7,0x95,0	45	9
ENG. AGN	Octavia 1.8i 20V	10/96 →	1781 ccm	92 kW (125 PS)	81 / 4	IN	PSK0017	058109601C	26,9x6,0x105,1	45	9
ENG. AMX	Superb 2.8i 30V	12/01-3/08	2771 ccm	142 kW (193 PS)	82,5 / 6	EX	PSK0018	058109611M	29,9x6,0x103,9	45	9
ENG. BBG	Superb 2.8i 30V	6/02-3/08	2771 ccm	140 kW (190 PS)	82,5 / 6			06B109611D	Odległość zamka - 4,0 [mm]		
ENG. AGU, ARZ, ARX, AUM	Octavia 1.8i Turbo 20V	5/98-12/10	1781 ccm	110 kW (150 PS)	81 / 4	IN	PSK0017	058109601C	26,9x6,0x105,1	45	9
ENG. AUQ	Octavia 1.8i Turbo 20V	00-04	1781 ccm	132 kW (180 PS)	81 / 4	EX	PSK0044	058109611E	29,9x6,0x103,9	45	9
ENG. AWT	Octavia 1.8i Turbo 20V	10/01-3/08	1781 ccm	110 kW (150 PS)	81 / 4				Odległość zamka - 5,9 [mm]		
ENG. AEH, AKL	Octavia 1.6i	2/97 →	1595 ccm	74 kW (101 PS)	81 / 4	IN	PSK0019	078109601A	39,5x7,0x91,9	45	9
ENG. APK, AQY, AZH	Octavia 2.0i	5/99 →	1984 ccm	85 kW (116 PS)	82,5 / 4			078109601B			
ENG. AZJ	Octavia 2.0i	3/02-1/06	1984 ccm	85 kW (116 PS)	82,5 / 4			078109601E			
ENG. AZM	Superb 2.0i	12/01-3/08	1984 ccm	85 kW (116 PS)	82,5 / 4			078109601F			
ENG. AZL	Fabia 2.0i	12/99-12/07	1984 ccm	85 kW (116 PS)	82,5 / 4			06A109601E			
ENG. AEG	Octavia 2.0i	9/00-1/05	1984 ccm	85 kW (116 PS)	82,5 / 4			037109601			
						EX	PSK0020	048109611B 078109611C 037109611B	32,9x7,0x91,2	45	9



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
SKODA BENZYNA											
ENG. AUA, BBY	Fabia 1.4i 16V	10/99-5/04	1390 ccm	55 kW (75 PS)	76,5 / 4	IN	PSK0021	036109601S	29,5x6,0x100,9	45	9
ENG. AUB, BBZ	Fabia 1.4i 16V	12/99-12/07	1390 ccm	74 kW (101 PS)	76,5 / 4			036109601AD			
ENG. AZQ	Fabia 1.2i 12V	3/09-12/04	1198 ccm	47 kW (64 PS)	76,5 / 3			036109601AK			
ENG. BLF	Octavia 1.6 FSI 16V	2/04-10/08	1598 ccm	85 kW (116 PS)	76,5 / 4	EX	PSK0022	036109611K	26,0x6,0x100,5	45	9
ENG. BME	Fabia 1.2i 12V	3/09-12/07	1198 ccm	47 kW (64 PS)	76,5 / 3			036109611AE			
	Roomster 1.2i 12V	5/06-1/07									
ENG. AXP, BCA	Octavia 1.4i 16V	8/00-12/10	1390 ccm	55 kW (75 PS)	76,5 / 4						
ENG. BKY	Fabia 1.4i 16V	5/04-12/07	1390 ccm	55 kW (75 PS)	76,5 / 4						
ENG. BUD	Fabia 1.4 FSI 16V	5/06-12/07	1390 ccm	59 kW (80 PS)	76,5 / 4						
	Octavia 1.4 FSI 16V	5/06 →									
ENG. BTS	Fabia 1.6i 16V	4/07-3/10	1598 ccm	77 kW (105 PS)	76,5 / 4						
	Fabia Scout 1.6i 16V	5/09-3/10									
	Roomster 1.6i 16V	5/06-3/10									
ENG. BXW	Fabia 1.4i 16V	1/07-3/10	1390 ccm	63 kW (86 PS)	76,5 / 4						
	Fabia Scout 1.4i 16V	5/09-3/10									
	Praktik 1.4 16V	8/07 →									
	Roomster 1.4i 16V	5/06-3/10									
ENG. BZG	Fabia 1.2i 12V	3/09-5/09	1198 ccm	51 kW (69 PS)	76,5 / 3						
	Praktik 1.2 12V	8/07 →									
	Roomster 1.2i 12V	1/07-3/09									
ENG. CAVE	Fabia 1.4 FSI 16V	5/10 →	1390 ccm	132 kW (180 PS)	76,5 / 4						
ENG. CAXA	Octavia 1.4 FSI 16V	11/08 →	1390 ccm	90 kW (122 PS)	76,5 / 4						
	Yeti 1.4i 16V	6/10 →									
ENG. CAXC	Superb 1.4 TFSI 16V	8/08 →	1390 ccm	92 kW (125 PS)	76,5 / 4						
ENG. CEVA	Fabia 1.2i 12V	3/09-9/10	1198 ccm	51 kW (69 PS)	76,5 / 3						
ENG. CGGA	Octavia 1.4 SRE 16V	11/10 →	1390 ccm	59 kW (80 PS)	76,5 / 4						
ENG. CGPA	Fabia 1.2i 12V	3/09 →	1198 ccm	51 kW (69 PS)	76,5 / 3						
	Praktik 1.2 12V	8/07 →									
	Roomster 1.2i 12V	3/09 →									
ENG. CHTA	Fabia 1.2i 12V	3/09-3/09	1198 ccm	51 kW (69 PS)	76,5 / 3						
ENG. CGGB	Fabia 1.4 FSI 16V	3/10 →	1390 ccm	63 kW (85 PS)	76,5 / 4						
	Fabia Scout 1.4i 16V	3/10-3/10									
	Roomster 1.4i 16V	3/10 →									

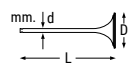




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SKODA BENZYNA											
ENG. AER	Fabia 1.0i	99 →	999 ccm	37 kW (50 PS)	67,1 / 4	IN	PSK0029	030109601AG	31,0x7,0x94,7	45	9
						EX	PSK0030	030109611N	26,0x7,0x94,4	45	9
ENG. AFH	Fabia 1.4i 16V	99 →	1390 ccm	74 kW (101 PS)	76,5 / 4	IN	PSK0031	036109601P	29,5x6,0x97,9	45	9
						EX	PSK0032	036109611L	26,0x6,0x97,3	45	9
ENG. CCSA	Octavia 1.6 SRE	11/07-5/10	1598 ccm	75 kW (102 PS)	76,5 / 4	IN	PSK0038	06B109601B	39,5x6,0x93,9	45	9
ENG. AVU, BFQ, BGU	Octavia 1.6i	8/00-12/10	1595 ccm	75 kW (102 PS)	81 / 4			06B109601D			
ENG. BSE, BSF	Octavia 1.6i	5/05 →	1595 ccm	75 kW (102 PS)	81 / 4			06B109601H			
ENG. CMXA	Octavia 1.6 SRE	5/10 →	1595 ccm	75 kW (102 PS)	81 / 4	EX	PSK0039	06B109611B	33,0x6,0x93,9	45	9
ENG. CHGA	Octavia 1.6 LPG	8/09 →	1598 ccm	75 kW (102 PS)	81 / 4			06B109611C			
ENG. BLR, BLX, BLY	Octavia 2.0 FSI 16V	11/04-11/05	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PSK0040	06D109601K	33,8x6,0x104,0	45	9
ENG. BVX, BVY, BVZ	Octavia 2.0 FSI 16V	11/05-10/08	1984 ccm	110 kW (150 PS)	82,5 / 4	EX	PSK0041	06E109601E 06E109601F 06D109611K 06D109611L	28,0x6,0x101,9	45	9
ENG. AWY, BMD	Fabia 1.2i	7/01-12/07	1198 ccm	40 kW (54 PS)	76,5 / 3	IN	PSK0047	032109601L	34,4x6,0x99,1	45	9
ENG. BBM	Fabia 1.2i	12/06-5/09	1198 ccm	44 kW (60 PS)	76,5 / 3			032109601M			
ENG. CHFA	Fabia 1.2i	3/09 →	1198 ccm	44 kW (60 PS)	76,5 / 3	EX	PSK0048	030109611T 03D109611A 032109611L 032109611M	28,0x6,0x99,2	45	9
ENG. CBZA	Fabia 1.2i	3/10 →	1198 ccm	63 kW (85 PS)	71 / 4	IN	PSK0053	03F109601A	35,5x6,0x98,7	45	9
	Fabia Scout 1.2i	3/10 →				EX	PSK0054	03F109611B	30,0x6,0x98,4	45	9
	Rapid 1.2 TSI	3/12 →						03F109611C			
	Roomster 1.2i	3/10 →									
ENG. CBZB	Fabia 1.2i	3/10 →	1198 ccm	77 kW (105 PS)	71 / 4						
	Fabia Scout 1.2i	3/10 →									
	Octavia 1.2 TSI	2/10-2/13									
	Rapid 1.2 TSI	10/12 →									
	Roomster 1.2i	03/10 →									
	Yeti 1.2i 16V	9/09 →									


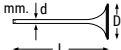




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
SKODA DIESEL											
ENG. AGR, ALH	Octavia 1.9 TDI	10/96 →	1896 ccm	66 kW (90 PS)	79,5 / 4	IN	PSK0023	028109601D	36,0x7,0x96,85	45	9
ENG. AHF.	Octavia 1.9 TDI Fabia 1.9 TDI	8/97 → 99 →	1896 ccm	81 kW (110 PS)	79,5 / 4			028109601K 1079769			
ENG. ASV	Octavia 1.9 TDI	8/00 →	1896 ccm	81 kW (110 PS)	79,5 / 4	EX	PSK0024	028109611G 1049788	31,5x7,0x96,8	45	9
ENG. AEF	Felicia 1.9 D	10/95-8/01	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSK0025	028109601J	36,0x7,0x96,5	45	9
ENG. ASY	Fabia 1.9 SDI	11/99-3/08	1896 ccm	47 kW (64 PS)	79,5 / 4	EX	PSK0026	028109611K	31,5x7,0x96,3	45	9
ENG. AQM	Octavia 1.9 SDi	8/00-12/03	1896 ccm	50 kW (68 PS)	79,5 / 4						
ENG. AGP	Octavia 1.9 SDi	5/97 →	1896 ccm	50 kW (68 PS)	79,5 / 4						
ENG. ATD	Fabia 1.9 TDI Octavia 1.9 TDI	1/00-10/05 8/00-1/06	1896 ccm	74 kW (101 PS)	79,5 / 4	IN	PSK0027	038109601B 1100679	35,9x7,0x89,9	45	9
ENG. AVB	Superb 1.9 TDI	6/02-10/05	1896 ccm	74 kW (101 PS)	79,5 / 4	EX	PSK0028	038109611B 038109611F	31,5x7,0x90,0	45	9
ENG. ASZ	Fabia 1.9 TDI Octavia 1.9 TDI	6/03-10/05 9/02-9/04	1896 ccm	96 kW (130 PS)	79,5 / 4						
ENG. AVF, AWX	Superb 1.9 TDI	12/01-3/08	1896 ccm	96 kW (130 PS)	79,5 / 4						
ENG. AMF	Fabia 1.9 TDI	4/03-10/05	1422 ccm	55 kW (75 PS)	79,5 / 3						
ENG. BLT	Fabia 1.9 TDI	10/05-4/07	1896 ccm	96 kW (130 PS)	79,5 / 4						
ENG. AEF	Felicia 1.9 D	10/95-8/01	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSK0033	069109601F	36,0x8,0x95,1	45	9
ENG. AGP	Felicia 1.9 SDi	5/97 →	1896 ccm	50 kW (68 PS)	79,5 / 4	EX	PSK0034	074109611	31,1x8,0x95,5	45	9
						EX	PSK0035	068109611L 068109611M	31,1x8,0x95,0	45	9
ENG. AEF	Felicia 1.9 D	10/95-8/01	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSK0036	028109601B	36,0x7,0x95,5	45	9
						EX	PSK0037	028109611B 028109611E	31,5x7,0x95,6	5	9
ENG. AZV	Octavia 2.0 TDI 16V	2/04-5/10	1968 ccm	100 kW (136 PS)	81 / 4	IN	PSK0049	03G109601A	29,4x6,0x88,5	45	9


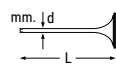




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SKODA DIESEL											
ENG. BKD	Octavia 2.0 TDI 16V	2/04-5/10	1968 ccm	103 kW (140 PS)	81 / 4	EX	PSK0050	03G109611B	25,5x6,0x88,2	45	9
	Superb 2.0 TDI 16V	1/09-3/10		125 kW (170 PS)		IN	PSK0042	03G109601B	29,2x6,0x87,8	45	9
ENG. BMN	Octavia 2.0 TDI 16V	4/06-5/08	1968 ccm	125 kW (170 PS)	81 / 4	EX	PSK0043	MN980080 68001582AA 03G109611D MN980081 68001583AA	25,5x6,0x87,5	45	9
ENG. BDG	Superb 2.5 TDI 24V	8/03-3/08	2496 ccm	120 kW (163 PS)	78,3 / 6	IN	PSK0045	059109601F	27,1x6,0x100,5	45	9
						EX	PSK0046	059109611G	24,1x6,0x100,5	45	9
ENG. AYM	Superb 2.5 TDI 24V	12/01-8/03	2496 ccm	114 kW (155 PS)	78,3 / 6	IN	PSK0051	059109601C 059109601B	27,0x6,0x100,5	45	9
						EX	PSK0052	059109611C 059109611B	24,0x6,0x100,5	45	9
ENG. CAYA	Fabia II (542) 1.6 TDI	04/10 - 12/14	1598 ccm	55 kW (75 PS)	4	IN	PSK0055	03L109601A	26,5x6,0x99,3	45	9
	Fabia II Combi (545) 1.6 TDI	04/10 - 12/14				EX	PSK0056	03L109611A	24,5x6,0x99,1	45	9
ENG. CAYB	Fabia II (542) 1.6 TDI	03/10 - 12/14	1598 ccm	66 kW (90 PS)	4						
	Fabia II Combi (545) 1.6 TDI	03/10 - 12/14									
	Rapid (NH3) 1.6 TDI	08/13 →									
	Rapid Spaceback (NH1) 1.6 TDI	08/13 →									
	Roomster (5J) 1.6 TDI	03/10 - 05/15									
Roomster Praktik (5J) 1.6 TDI	03/10 - 05/15										


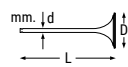




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SKODA DIESEL											
ENG. CAYC	Fabia II (542) 1.6 TDI	03/10 - 12/14	1598 ccm	77 kW (105 PS)	4	IN EX	PSK0055 PSK0056	03L109601A 03L109611A	26,5x6,0x99,3 24,5x6,0x99,1	45 45	9 9
	Fabia II Combi (545) 1.6 TDI	03/10 - 12/14									
	Octavia II (1Z3) 1.6 TDI	06/09 - 04/13									
	Octavia II Combi (1Z5) 1.6 TDI	06/09 - 04/13									
	Octavia II Combi (1Z5) 1.6 TDI 4x4	06/09 - 02/13									
	Roomster (5J) 1.6 TDI	03/10 - 05/15									
	Superb II (3T4) 1.6 TDI	09/10 - 05/15									
	Superb II Estate (3T5) 1.6 TDI	09/10 - 05/15									
	Yeti (5L) 1.6 TDI	11/10 - 05/15									
ENG. CFWA	Fabia II (542) 1.2 TDI	05/10 - 12/14	1199 ccm	55 kW (75 PS)	3						
	Fabia II Combi (545) 1.2 TDI	05/10 - 12/14									
	Roomster (5J) 1.2 TDI	03/10 - 05/15									
	Roomster Praktik (5J) 1.2 TDI	03/10 - 05/15									
ENG. CLHA	Octavia III (5E3, NL3, NR3) 1.6 TDI	11/12 →	1598 ccm	77 kW (105 PS)	4						
	Octavia III (5E3, NL3, NR3) 1.6 TDI 4x4	09/14 →									
	Octavia III Combi (5E5) 1.6 TDI	11/12 →									
	Octavia III Combi (5E5) 1.6 TDI 4x4	11/12 →									
ENG. CLHB	Octavia III (5E3, NL3, NR3) 1.6 TDI	11/12 →	1598 ccm	66 kW (90 PS)	4						
	Octavia III Combi (5E5) 1.6 TDI	11/12 →									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer Amp 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SKODA DIESEL											
ENG. AMF	Fabia I (6Y2) 1.4 TDI	04/03 - 03/08	1422 ccm	55 kW (75 PS)	3	IN EX	PSK0059 PSK0060	038109601E 038109611E	36,0x7,0x89,5	45	9
	Fabia I sedan (6Y3) 1.4 TDI	04/03 - 12/07							31,5x7,0x89,0	45	9
	Fabia I Combi (6Y5) 1.4 TDI	04/03 - 12/07									
ENG. AXR	Roomster (5J) 1.9 TDI	03/06 - 05/06	1896 ccm	74 kW (100 PS)	4						
	Fabia I (6Y2) 1.9 TDI	01/00 - 03/08									
	Fabia I sedan (6Y3) 1.9 TDI	01/00 - 12/07									
	Fabia I Combi (6Y5) 1.9 TDI	04/00 - 12/07									
	Octavia I (1U2) 1.9 TDI	10/05 - 12/10									
	Octavia I Combi (1U5) 1.9 TDI	08/00 - 12/10									
ENG. BLS	Octavia II (1Z3) 1.9 TDI	06/04 - 12/10	1896 ccm	77 kW (105 PS)	4						
	Roomster (5J) 1.9 TDI	09/06 - 03/10									
	Fabia II (542) 1.9 TDI	04/07 - 03/10									
	Fabia II Combi (545) 1.9 TDI	10/07 - 03/10									
ENG. BMM	Octavia II (1Z3) 2.0 TDI	11/05 - 05/10	1968 ccm	103 kW (140 PS)	4						
	Octavia II Combi (1Z5) 2.0 TDI	11/05 - 05/10									
	Octavia II Combi (1Z5) 2.0 TDI 4x4	07/06 - 05/10									
ENG. BMP	Superb II (3T4) 2.0 TDI	03/08 - 05/10	1968 ccm	103 kW (140 PS)	4						
	Superb II kombi (3T5) 2.0 TDI	10/09 - 03/10									


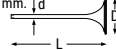




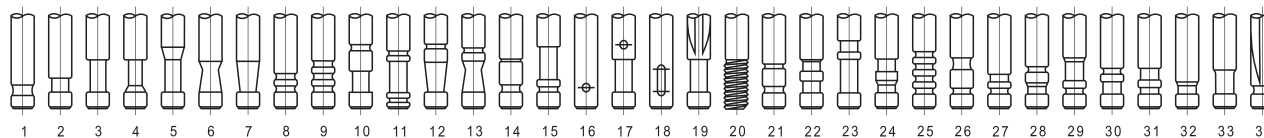
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SMART BEZYNA											
ENG. M 160 R3	City Cabrio 600i Turbo	10/98 →	599 ccm	33-40 kW (45-54 PS)	66,5 / 3	IN EX	PSMA001 PSMA002	1600530001 1600500027	30,0x6,0x89,3 25,0x6,0x89,3	45 45	1 1
	City Coupe 600i	7/98-1/04									
	Crossblade 600i	10/02 →									
	Fortwo City Coupe 600i Turbo	2/04 →									
	Passion 600i Turbo	1/99 →									
	Pulse 600i Turbo	10/98 →									
	Pure 600i Turbo	10/98 →									
ENG. M 160.910/0.7L (37 kW)	City Cabrio 700i Turbo	1/03-1/04	698 ccm	37-45 kW (50-61 PS)	66,5 / 3						
	Fortwo City Cabrio 700i	2/04 →									
	Fortwo City Coupe 700i	11/00 →									
	Roadster 700i	4/03 →									
ENG. 0.7L (47 kW)	Forfour 700i		698 ccm	47 kW (64 PS)	66,5 / 3						


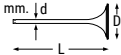




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SMART DIESEL											
ENG. OM 660.914	Fortwo City Cabrio 800 CDI	11/99 →	799 ccm	30 kW (41 PS)	65,5 / 3	IN	PSMA005	6600530101 6600530201	27,5x6,0x91,3	45	9
	Fortwo City Coupe 800 CDI	11/99 →	799 ccm	30 kW (41 PS)	65,5 / 3	EX	PSMA006	6600530005	25,4x6,0x91,2	45	9
ENG. OM 639.939	Forfour 1.5 DCI 12V	3/04 →	1493 ccm	50-70 kW (68-95 PS)	83 / 3	IN	PSMA007	6420530401 MN960088 05175396AA	28,6x6,0x102,2	45	9
						EX	PSMA008	6420500527 MN960089 05175397AA	25,4x6,0x102,2	45	9


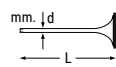




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SPERANZA / CHERY											
ENG. A21						IN	PSPE001	480E-1007011	32,7x6,0x108,0	45	9
						EX	PSPE002	480EF1007012	28,0x6,0x106,4	45	9
ENG. A11						IN	PSPE003	481H-1007011BA	42,0x8,0x134,7	45	9
						EX	PSPE004	481H-1007012BA	37,0x8,0x131,8	45	9




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SSANGYONG BENZYNA											
ENG. M 104.942	Chairman 2.8i 24V	10/97 →	2799 ccm	142 kW (193 PS)	89,9 / 6	IN	PSSA001	1040531201	35,0x7,0x101,5	45	1
ENG. M 162.992	Actyon 3.2i 24V	3/07 →	3199 ccm	162 kW (220 PS)	89,9 / 6			1040531401	31,0x7,0x103,5	45	1
	Chairman 3.2i 24V	10/97 →						1110531101			
	Korando 3.2i 24V	7/96-12/05						1110532101			
	Musso 3.2i 24V	1/96-12/05						1110532301			
	Rexton 3.2i 24V	9/02 →						1110532401			
	Rodius 3.2i 24V	12/04 →						1110530023			
	Stavic 3.2i 24V	12/04 →						1110501227			
ENG. M 162.996	Korando 3.2i 24V	12/96 →	3199 ccm	154 kW (209 PS)	89,9 / 6	EX	PSSA002	1110501427			
ENG. M 161.950	Korando 2.0i 16V	7/96 →	1998 ccm	94 kW (128 PS)	89,9 / 6						
	Musso 2.0i 16V	10/96 →									
	Rexton 2.0i 16V	01 →									
ENG. M 161.970	Chairman 2.3i 16V	10/97 →	2295 ccm	103-107 kW (140-146 PS)	90,9 / 4						
	Korando 2.3i 16V	7/96 →									
	Musso 2.3i 16V	5/96 →									
	Rexton 2.3i 16V	9/02 →									


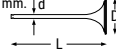




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 			
SSANGYONG DIESEL														
ENG. OM 661.940	Istana 2.3 D	7/95 →	2299 ccm	58 kW (79 PS)	89 / 4	IN	PSSA003	6010530401	38,0x8,0x106,4	45	1			
	Korando 2.3 D	10/86 →						6010531201						
	Musso 2.3 D	7/93-12/00						6010531501						
ENG. OM 662.940	Istana 2.9 D	7/95 →	2874 ccm	70 kW (95 PS)	89 / 5	EX	PSSA004	6010531701	35,0x9,0x106,4	45	1			
	Korando 2.9 D	7/96 →						6010500227						
	Musso 2.9 D	7/93-12/00						6010500527						
ENG. OM 602.982	Korando 2.9 TD	7/96-12/00	2874 ccm	95 kW (129 PS)	89 / 5			6010501227						
ENG. OM 662.983	Korando 2.9 TD	4/98-1/99	2874 ccm	88 kW (120 PS)	89 / 5			6010501927						
	Musso 2.9 TD	7/96 →						6010502127						
	Rexton 2.9 TD	9/02 →						6010502327						
ENG. XD 3P	Korando 2.5 D	96-96	2498 ccm	51-58 kW (70-79 PS)	94 / 4	IN	PSSA005	83EM6507BB	42,5x8,5x116,0	45	1			
								93500418						
								0948.44						
						EX	PSSA006	83EM6505AB				35,5x8,5x116,3	45	1
								93500889						
								0949.45						
							0949.50							


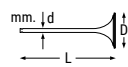




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
STAR STARACHOWICE BENZYNA											
ENG. S-47	Star 29		4676 ccm	77,3 kW (105 PS)	95 / 6	IN EX	PSTA005	301.14.024	44,0x9,0x157,0	45	2
							PSTA006	303.14.007	40,0x9,0x138,5	45	2

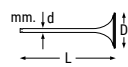




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
STAR STARACHOWICE DIESEL											
ENG. S-359	Star 200		6842 ccm	110 kW (150 PS)	110 / 6	IN	PSTA001	359-120-12	48,0x11,0x148,6	45	32
						EX	PSTA002	359-120-13	44,0x11,0x148,6	45	32
ENG. S-53	Star 28		6230 ccm	73,6 kW (100 PS)	110 / 5	IN	PSTA003	338-12-005	48,0x10,0x147,0	45	2
						EX	PSTA004	338-12-004	40,0x10,0x147,0	45	2

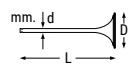




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
STEYR-DAIMLER-PUCH BENZYNA											
ENG. M 102.964	200 GE 4x4	84 →	1997 ccm	80 kW (109 PS)	89 / 4	IN	PSTE005	1020500426 1020531301 1020531601 1020531801 1020531901	43,0x8,0x114,9	45	1
						EX	PSTE006	1020500027 1020500327			
ENG. M 102.981/.998	230 GE 4x4	82-84	2299 ccm	92 kW (125 PS)	95,5 / 4	IN	PSTE007	1020500526	46,0x8,0x114,9	45	1
ENG. M 102.958/.987	230 GE 4x4	84 →	2299 ccm	79-92 kW (108-125 PS)	95,5 / 4	EX	PSTE006	1020530801 1020531501 1020531701 1020500326 1020500027 1020500327			
ENG. M110.994	280 GE 4x4	83 →	2746 ccm	115 kW (156 PS)	86 / 6	IN	PSTE010	1100500726	45,2x9,0x115,0	45	1
						EX	PSTE011	1170500027 1170500127	39,1x9,0x118,1	45	1


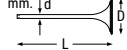




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
STEYR-DAIMLER-PUCH DIESEL											
ENG. OM 602.930	250 GD 4x4	85 →	2497 ccm	62-69 kW (84-94 PS)	87 / 5	IN	PSTE001	6010530401	38,0x8,0x106,4	45	1
ENG. OM 603.912/913/931	300 GD	91 →	2996 ccm	80-83 kW (109-113 PS)	87 / 6	EX	PSTE002	6010531201 6010531501 6010531701 6010500227 6010500527 6010501227 6010501927 6010502127 6010502327 6010502527 6010502827 6010503027	35,0x9,0x106,4	45	1
ENG. OM 616.918	City Bus SC 6 F 65	1/81-12/84	2399 ccm	35-48 kW (48-65 PS)	90,9 / 4	IN	PSTE003	6160530301	39,8x10,0x131,5	30	20
ENG. OM 616	240 GD 4x4	79 →	2399 ccm	53 kW (72 PS)	90,9 / 4	EX	PSTE004	6160530401	34,2x10,0x131,0	30	20
ENG. OM 617	300 GD 4x4	79 →	2998 ccm	65 kW (88 PS)	90,9 / 5			6160500027 6160500127 6160500527 6170500027			
ENG. WD 609		62-68	5976 ccm	88-100 kW (120-135 PS)	105 / 6	IN	PSTE018	609F0502	45,0x10,0x149,5	45	1
ENG. WD 610.01/.40/ .42-44/.50	430, 870, 1090, 1100, 1100 S, 1108, 1300, 590, 690		5975 ccm	66-85 kW (90-116 PS)	105 / 6	EX	PSTE019	609F050002 61060050002	39,0x10,0x149,5	45	1
ENG. WD 610.18-20	586, 590.110, 680, 690.110, 690.132, 790.132, 890.132	70-79	5975 ccm	81-97 kW (110-132 PS)	105 / 6						
ENG. WD 610.60/.68-70/ .72/.79	790.150, 790.170, 890.150, 1390.150	70-78	5975 ccm	110-125 kW (150-170 PS)	105 / 6						
ENG. WD 612.61/.63/.65		77 →	6595 ccm	100-154 kW (136-210 PS)	108 / 6						

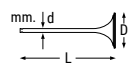




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
STEYR-DAIMLER-PUCH DIESEL											
ENG. WD 311.40	40, 540, 545, 548, 50, 650, 658, 60, 760, 768, 8045, 8055, 8060, 8065, 8070, 8075, 8080, 8085, 8090, 8100, 8120, 942	79 →	2592 ccm	35 kW (48 PS)	100 / 3	IN	PSTE020	131100050014 31100050014	42,0x9,0x142,5	45	1
						EX	PSTE021	131100050015 31100050015	37,0x9,0x142,5	45	1
ENG. WD 411.41		79 →	3456 ccm	43 kW (59 PS)	100 / 4						
ENG. WD 611.40		79 →	5184 ccm	63 kW (85 PS)	100 / 6						
ENG. D 0824 FL 01 Euro 1	6 S 10 8 S 10		4580 ccm	66-75 kW (90-102 PS)	108 / 4	IN	PSTE023	51.04101.0425 51.04101.0422	49,0x10,0x136,6	30	1
ENG. D 0824 LFL 01 Euro 1	8 S 15 9 S 15		4580 ccm	114 kW (155 PS)	108 / 4	EX	PSTE024	51.04101.0410 51.04101.0401	42,0x10,0x136,3	45	1
ENG. D 0824 LFL 02 Euro 2	8 S 16 9 S 16		4580 ccm	118 kW (160 PS)	108 / 4			51.04101.0411 51.04101.0480			
ENG. D 0826 LFL 03 Euro 2, D 0826 LFL 06 Euro 1	8 S 22 9 S 22		6871 ccm	162 kW (220 PS)	108 / 6						
ENG. OM 615.942	City Bus SC 6 F 55	1/75-12/80	1988 ccm	40 kW (55 PS)	87 / 4	IN	PSTE025	6150530001 6150530101 6150530501	38,8x10,0x131,5	30	20
						EX	PSTE026	6150530105 6150530405 6150530705	33,2x10,0x131,0	30	20

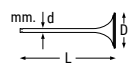




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
STEYR-DAIMLER-PUCH DIESEL											
ENG. OM 606.964	G 300 TD (Steyr)	1/98 →	2996 ccm	130 kW (177 PS)	87 / 6	IN	PSTE029	6060530501 6060530601 6060530701	29,0x6,0x105,4	45	9
						IN	PSTE031	6060531101	29,0x6,0x105,4	45	1
						EX	PSTE032	6060530705 6060530605	26,0x6,0x105,7	45	1
						EX	PSTE030	6060530305 6060500527 6060530105	26,0x6,0x105,7	45	9
EX	PSTE033	6060501127 6060501427	26,0x7,0x105,7	45	1						
ENG. WD 411.45	8075	1/84-9/94			100 / 4	IN	PSTE034	61160050001	45,0x9,0x142,5	35	1
ENG. WD 411.85	8080	1/80-6/85			100 / 4	EX	PSTE035	61160050002	37,0x9,0x142,5	45	1
ENG. WD 611.85	8080	79 →			100 / 6						
		8120	9/78-7/84								
ENG. WD 407	STEYR-DAIMLER- -PUCH DIESEL 3.1	01/68 -	3077 ccm	38 kW (52 PS)	4/98	IN	PSTE016	4070501	42,0x9,0x142,5	45	33
						EX	PSTE017	4070502	37,0x9,0x142,5	45	33
ENG. WD 408	STEYR-DAIMLER- -PUCH DIESEL 3.1	01/68 -	3077 ccm	38 kW (52 PS)	4/98						

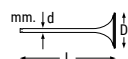




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SUBARU BENZYNA											
ENG. G13BA (Suzuki)	Justy 1.3i 16V	95 →	1298 ccm		74 / 4	IN	PSUB001	12911-82000 12911-82010 12911A82000	36,0x7,0x115,5	45	1
						EX	PSUB002	12915-82000 12915-82062 12915-82050 12915A82050			
ENG. EJ20	Impreza 16V		2000 ccm			IN	PSUB017		36,0x6,0x104,3	45	1
						EX	PSUB018		32,0x6,0x104,7	45	1
ENG. G13B (50 kW) ENG. G13BB	Justy 1.3i Justy 1.3i 16V	10/95 →	1298 ccm		74 / 4	IN	PSUB019	12911-71C00	29,2x5,5x92,2	45	1
						IN	PSUB021	MD016460	34,0x6,6x102,0	45	1
		01 →	1298 ccm		74 / 4	EX	PSUB020	12915-71C50	25,0x5,5x79,9	45	1
						EX	PSUB022	MD016461 MD003788	30,0x6,6x101,0	45	1
ENG. M13A ENG. M15A	Justy G3X 1.3i 16V Justy G3X 1.5i 16V	04 →	1328 ccm		78 / 4 78 / 4	IN	PSUB023	12911-54G00 71742050	30,0x5,5x100,9	45	1
						EX	PSUB024	12915-54G00 12915-54G50 71747245	25,0x5,5x99,0	45	1
ENG. Z 22 XE	Traviq 2.2i 16V	8/01 →	2198 ccm	106 kW (144 PS)	86 / 4	IN	PSUB027	641022 90412277 4500849	32,0x6,0x102,1	45	9
						EX	PSUB028	641325 90410813 4500864	29,0x6,0x92,2	45	9



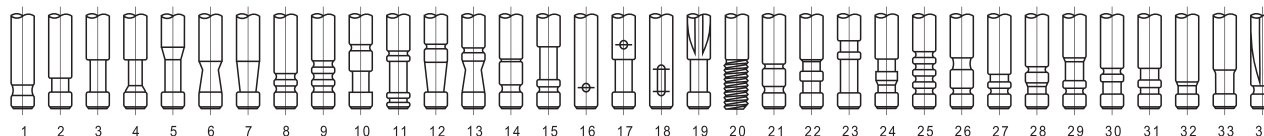
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SUBARU DIESEL											
ENG. Z 13 DT Euro 4	Justy 1.3 TDI 16V	12/03 →	1248 ccm	51 kW (69 PS)	69,6 / 4	IN	PSUB025	46518930	22,0x6,0x109,3	45	9
								55195680			
								55219965			
								641072			
								641077			
								93186090			
								12911-85E00			
						EX	PSUB026	46518931	2,0x6,0x109,3	45	9
								55202685			
								55208213			
								641071			
								641402			
								93177306			
								93190438			
							12915-85E00				
SULZER → LOKOMOTYWY 263 → MARINE (MORSKIE) 275											





Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 						
SUZUKI BENZYNA																	
ENG. F10A (33 kW)	Carry 1.0 Coupe SC 100 SX	10/85-9/94	970 ccm	33 kW (45 PS)	65,5 / 4	IN	PSUZ005	12911-82000	36,0x7,0x115,5	45	1						
		82 →						12911-82010									
	82-91	12911A82000															
	Samurai 1.0	7/84-12/94						EX				PSUZ006	12915-82000				
		9/81-12/88											12915-82062				
ENG. G10A (37 kW)	Swift 1.0	10/84-3/89	993 ccm	37 kW (50 PS)	74 / 3	EX	PSUZ006	12915-82050	30,0x7,0x114,5	45	1						
ENG. G10A (39 kW)	Swift 1.0	10/89-9/95	993 ccm	39-41 kW (53-56 PS)	74 / 3			12915A82050									
ENG. G13A (44 kW)	Samurai 1.3 SJ 410	3/87-3/95	1324 ccm	44-47 kW (60-64 PS)	74 / 4			EX				PSUZ006	12915-82062				
		11/84-8/90											12915A82050				
ENG. SY413	Baleno 1.3 16V	94 →	1298 ccm	63 kW (68 PS)	74 / 4			IN				PSUZ017	12911-71C00	29,2x5,5x92,2	45	1	
ENG. SQ416V	Grand Vitara 1.6	97 →	1590 ccm	79 kW (107 PS)	75 / 4	EX	PSUZ018	12915-71C50	25,0x5,5x79,9	45	1						
ENG. G13B, G13BB	Swift 1.3i 16V Baleno 1.3i 16V	87 →			74 / 4	IN	PSUZ023	12911-86500	29,0x5,5x105,3	45	1						
		95 →						EX				PSUZ024	12915-86500	24,1x5,5x104,5	45	1	
ENG. G13BB	Carry 1.3i 16V Jimny 1.3i 16V Wagon R+ 1.3i 16V	99 →	1299 ccm		75 / 4	IN	PSUZ023	12911-86500	29,0x5,5x105,3	45	1						
		98 →										EX	PSUZ024	12915-86500	24,1x5,5x104,5	45	1
		00 →															
ENG. G16A	Escudo	91 →			75 / 4	EX	PSUZ024	12915-86500	24,1x5,5x104,5	45	1						
ENG. G16B	Baleno 1.6i 16V Vitara 1.6i 16V Gran Vitara 1.6i 16V	95 →	1590 ccm		75 / 4												
		90 →															
ENG. SY416	Baleno 1.6 16V	95 →	1590 ccm	70 kW (96 PS)	75 / 4							EX	PSUZ024	12915-86500	24,1x5,5x104,5	45	1
ENG. G13B	Swift GTi 16V	89 →	1298 ccm		75 / 4												

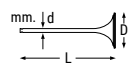




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
SUZUKI BENZYNA											
ENG. F5A (21 kW)	Alto 600	6/82-12/85	543 ccm	21-25 kW (29-34 PS)	62 / 3	IN	PSUZ019	12911-73000	31,6x7,0x110,2	45	1
	Carry 600	81 →						12911-73001			
	Cervo 600	6/82 →						12911-73010			
	Fronte 600	6/82 →						12911-M73012			
	SS40/41	78 →						12911-84000			
	ST40/41	78 →						12915-73000			
ENG. F5B (25 kW)	Alto 600	7/88 →	543 ccm		62 / 3	EX	PSUZ020	12915-73001	27,6x7,0x109,6	45	1
	Cervo 600	7/88 →						12915-73010			
	Fronte 600	7/88 →						12915-M73012			
ENG. LJ50	Jimmy S J30 4x4	83 →	539 ccm		61 / 3			12915-84000			
ENG. F8A	Jimmy LJ80/SJ20	78 →	797 ccm		62 / 4			12915-84010			
						IN	PSUZ029		Odległość zamka + 0,6 [mm]	45	1
						EX	PSUZ030		27,6x7,0x109,6	45	1
Firefly 1.0L	U.S.A.:	90-94			3	IN	PSUZ021	96060053	35,0x5,5x84,1	45	1
						EX	PSUZ022	96068991	28,1x5,5x84,1	45	1
ENG. G16K, G16A OHC	Vitara 1600	89 →	1590 ccm		75 / 4	IN	PSUZ025	12911-60A10	36,6x7,0x115,5	45	1
	Sidekick (U.S.A.)	89 →				EX	PSUZ026	12915-60A00 12915-60A50	32,6x7,0x114,4	45	1
ENG. M13A	Wagon R+ 1.3i 16V	04 →	1328 ccm			IN	PSUZ027	12911-54G00	30,0x5,5x100,9	45	1
	Jimmi 1.3i 16V	04 →					71742050				
	Ignis 1.3i 16V	04 →				EX	PSUZ028	12915-54G00			
ENG. M16A	Liana 1.6i 16V	04 →	1586 ccm					12915-54G50	25,0x5,5x99,0	45	1
	Sx4 1.6 VVTI 16V	06 →					71747245				
	Vitara 1.6i 16V	05 →									


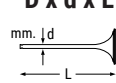




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SUZUKI BENZYNA											
ENG. G13B (49 kW)	Swift 1.3	3/96 →	1299 ccm	49 kW (67 PS)	71 / 4	IN EX	PSUZ033	MD016460	34,0x6,6x102,0	45	1
							PSUZ034	MD016461 MD003788	30,0x6,6x101,0	45	1


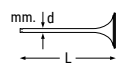




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SUZUKI DIESEL											
EN G. RHZ	Grand Vitara 2.0 HDI Vitara 2.0 HDI	11/00 →	1997 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PSUZ001	0948.95	35,6x6,0x107,1	45	9
		11/00 →					EX	PSUZ002	0949.96 9624774580	33,8x6,0x107,1	45
ENG. RF (Mazda)	Vitara 2.0 TD	94 →	1998 ccm	53 kW (72 PS)	86 / 4	IN	PSUZ003	RF01-12-111	41,0x8,0x107,0	45	1
							EX	PSUZ004	RF01-12-121 RF01-12-121B	36,0x8,0x106,8	45
EN G. RHW	Vitara 2.0 TDi 16V Gran Vitara 2.0 Hdi	02 →	1997 ccm	80 kW (109 PS)	85 / 4	IN	PSUZ007	9635317980	30,0x6,0x106,2	45	9
		7/01 →					EX	PSUZ008	1231931 0948.C0 9635318480 1231930 0949.A9	25,0x6,0x106,2	45
ENG. Z 13 DT Euro 4	Ignis 1.3 DDiS New Ignis 1.3 DDiS 16V New Shift 1.3 DDiS 16V Solio 1.3 DDiS 16V Swift 1.3 DDiS 16V Wagon R+ 1.3 DDiS 16V	10/03 →	1248 ccm	51 kW (69 PS)	69,6 / 4	IN	PSUZ009	46518930	22,0x6,0x109,3	45	9
		9/03 →									
		10/04 →						12911-85E00			
		05 →									
		8/05 →									
		9/03 →									
ENG. Z 13 DTJ Euro 4	Splash 1.3 DDiS 16V	4/08 →	1248 ccm	51-55 kW (70-75 PS)	69,6 / 4	EX	PSUZ010	46518931	22,0x6,0x109,3	45	9


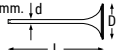




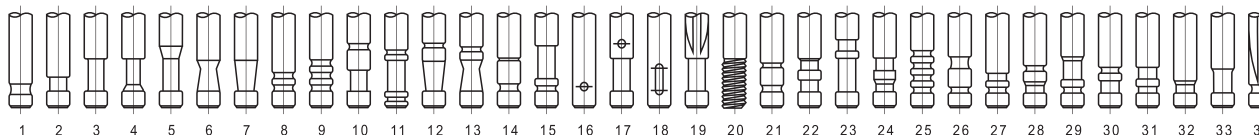
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SUZUKI DIESEL											
	Gran Vitara 2.0 TD	98 →	1998 ccm		86 / 4	IN	PSUZ011	12911-78E00	39,5x8,0x106,7	30	1
						EX	PSUZ012	12915-78E00	35,0x8,0x106,7	45	1
ENG. K9K 700	Jimny 1.5 DDiS		1461 ccm	48-50 kW (65-68 PS)	76 / 4	IN	PSUZ013	7701473184	33,5x6,0x101,0	45	9
ENG. K9K 766	Jimny 1.5 DDiS		1461 ccm	63 kW (86 PS)	76 / 4	EX	PSUZ014	7701476573 13201-BN700 13201-00QAN 7701473183 7701476572 13202-BN700 13202-00QAP	29,0x6,0x100,7	45	9
ENG. XUD 9A	Vitara 1.9 D	1/95-3/98	1905 ccm	47-52 kW (64-71 PS)	83 / 4	IN	PSUZ015	93510415	38,5x8,0x112,4	45	1
ENG. XUD 9TE	Baleno 1.9 D Vitara 1.9 D Samurai 1.9 D	98 → 98 → 98 →	1905 ccm	66-68 kW (90-92 PS)	83 / 4			96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000 50054982			

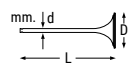




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SUZUKI DIESEL											
ENG. XUD 9A	Vitara 1.9 D	1/95-3/98	1905 ccm	47-52 kW (64-71 PS)	83 / 4	EX	PSUZ016	93510773	33,0x8,0x111,9	45	1
ENG. XUD 9TE	Baleno 1.9 D	98 →	1905 ccm	66-68 kW (90-92 PS)	83 / 4			93510774			
	Vitara 1.9 D	98 →						93501280			
	Samurai 1.9 D	98 →						93501072			
								95501280			
								96005392			
								96272853			
								0949.47			
								0949.59			
								0949.60			
								0949.64			
								0949.74			
								LGH10052			
								LGH10054			
								LGH10075			
								9613736280			
			9751669380								
			12915-86CA0								
			12915-66G00								
			22212-29000								
			50060609								
			6005392								
ENG. D19AA	SX4 1.9 DDiS 4WD	5/06-8/09	1910 ccm	88 kW (120 PS)	82/ 4	IN	PSUZ031	46750859	35,5x8,0x115,0	45	9
								46478834			
								55193126			
								60816038			
								641083			
						EX	PSUZ032	46764378	34,5x8,0x115,0	45	9
								46416321			
								46783962			
								55202630			
								60814604			
								60816025			
								641089			


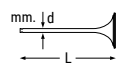




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
SUZUKI DIESEL											
ENG. F9Q	Gran Vitara 1.9 DDiS		1870 ccm		80 / 4	IN	PSUZ035	7700110386	35,3x7,0x110,9	45	1
								7700110387			
	7701471702										
	7701476024										
	7701470251										
	8200828299										
	13201-AW300										
	13201-00QAC										
	13201-00QAM										
	MW30620685										
	30889401										
	4402633										
	4415921										
		EX	PSUZ036	7700110388	32,6x7,0x110,7	45	1				
	7700110389										
	7701471703										
	7701476025										
	7701476256										
	7701470252										
	8200872426										
	13202-AW300										
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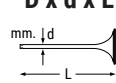




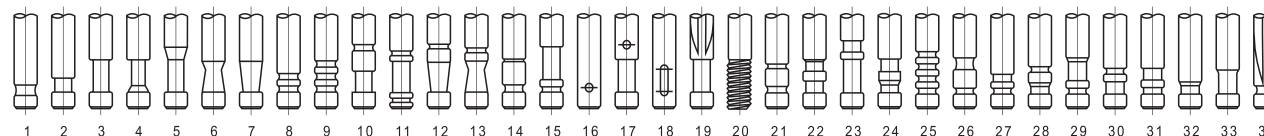
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
TATA DIESEL												
ENG. 483DL	Sumo TD	97 →	1948 ccm	66 kW (90 PS)	83 / 4	IN	PTTA001	93510415	38,5x8,0x112,4	45	1	
		Safari TD						99 →				96005391
		Telcoline TD						99 →				LGH10051
									0948.59			
									0948.63			
									9601136380			
									9630597380			
									12911-86CA0			
									12911-66G00			
									12832-66G00			
									22211-29000			
									50054982			
							EX	PTTA002	93510773	33,0x8,0x111,9	45	1
									93510774			
									93501280			
									93501072			
									95501280			
									96005392			
									96272853			
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								LGH10052				


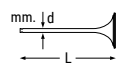




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
TATRA DIESEL											
ENG. T148	Tatra 148	72-82	12667 ccm	148,6 kW (202 PS)	120 / 8,12	IN	PTAT001	336-020242	52,0x10,0x135,0	45	3
						EX	PTAT002	336-021261	48,0x10,0x135,0	45	3
ENG. T3-928, T3-929, T3-930	Tatra 815	83 →			120 / 8, 10, 12	IN	PTAT003	341.020.240	52,0x10,0x144,0	30	33
						EX	PTAT004	341.020.262	45,0x10,0x144,0	45	33
ENG. MX 300 S Euro 4/5	Phoenix 410	11/11 →	12900 ccm	300 kW (408 PS)	130 / 6	IN	PTAT005	1684513	45,5x10,0x169,4	20	1
						EX	PTAT006	1678541	42,5x10,0x168,6	30	1


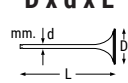




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer Amp 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
TOYOTA BENZYNA											
ENG. 1SZ-FE ENG. 2SZ-FE	Yaris 1.0	98 →	998 ccm	50 kW (68 PS)	69 / 4	IN	PTOY007	13711-23030	26,0x5,0x88,2	45	1
	Yaris 1.3 16V	02 →	1298 ccm	64 kW (87 PS)	72 / 4	EX		PTOY008			
ENG. 1E, 1E-L	Starlet 1.0 12V	10/84-1/96	999 ccm	40 kW (54 PS)	70,5 / 4	IN	PTOY009	13711-10020	30,0x6,0x92,4	45	1
ENG. 2E	Conquest 1.3i 16V	10/88-98	1296 ccm	53-55 kW (72-75 PS)	73 / 4	IN	PTOY010	13712-10010	20,9x6,0x98,6	45	1
	Corolla VII 1.3 12V Sprinter 1.3 12V Starlet 1.3 12V	7/92-4/95 5/87 → 12/89-7/99				EX	PTOY011	13715-10030			
ENG. 2E-E	Corolla VI 1.3i 12V	8/89-4/92	1296 ccm	55-60 kW (75-82 PS)	73 / 4	IN	PTOY011	13715-10030	31,0x6,0x92,3	45	1
	Sprinter 1.3 12V Starlet 1.3 12V	8/89 → 12/89-1/96									
ENG. 2E-L, 2E-LC	Corolla V 1.3	10/84-4/87	1296 ccm	53-55 kW (72-75 PS)	73 / 4	IN	PTOY011	13715-10030	31,0x6,0x92,3	45	1
	Starlet 1.3	10/84-11/89									
ENG. 3E	Corolla VI 1.5 12V	5/86-94	1456 ccm	58-65 kW (79-87 PS)	73 / 4	IN	PTOY011	13715-10030	31,0x6,0x92,3	45	1
	Corona 1.5 12V Starlet 1.5 12V Tercel 1.5 12V	12/87-2/92 8/86-94 8/86 →									
ENG. 3E-E	Corolla VI 1.5 12V	88-94	1456 ccm	58 kW (79 PS)	73 / 4	IN	PTOY011	13715-10030	31,0x6,0x92,3	45	1
	Tercel 1.5 12V	8/89 →									
ENG. 2K	Publica 1000	69-74	993 ccm	33 kW (45 PS)	72 / 4	IN	PTOY012	13711-24010	36,0x8,0x100,0	45	29
	Starlet 1000	69-74				13711-24020					
ENG. 3K	Corolla 1200	69-74	1166 ccm	39-42 kW (53-58 PS)	75 / 4	EX	PTOY013	13715-24010	29,0x8,0x100,0	45	29
	Publica 1200	69-74									
	Starlet 1200	69-74									


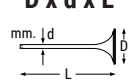




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer Amp 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
TOYOTA BENZYNA											
ENG 5K	Carina 1500	83 →	1486 ccm	61 kW (83 PS)	80,5 / 4	IN	PTOY014	13711-24011	36,0x8,0x100,0	45	32
ENG. 3K	Corolla 1200, Starlet 1200 HiLux, LiteAce Publica 1200, Sprinter 1200 Tamarau, TownAce	74-77 74-77 74-77 74-77	1166 ccm	57 kW (77 PS)	75 / 4	EX	PTOY015	13715-24012 13715-24011	29,0x8,0x100,0	45	2
ENG. 4K	Corolla 1300 Sprinter 1300, Starlet 1300 Tamarau, LiteAce, TownAce	78 → 78 → 78 →	1290 ccm	43 kW (58 PS)	75 / 4						
ENG. 3ZZ-FE	Avensis I 1.6i 16V Avensis II 1.6i 16V Corolla VIII 1.6i 16V Corolla IX 1.6i 16V Corolla Verso IX 1.6i 16V	8/00-1/03 2/03-12/08 10/99-9/01 1/02 → 9/01 →	1598 ccm	81 kW (110 PS)	79 / 4	IN EX	PTOY016 PTOY017	13711-22040 13711-OD020 13715-22040 13715-OD020	31,0x5,5x88,7 26,0x5,5x88,7	45 45	1 1
ENG. 4ZZ-FE	Auris 1.4i 16V Corolla VIII 1.4i 16V	2/07 → 10/99-1/07	1398 ccm	71 kW (97 PS)	79 / 4						
ENG. 2ZZ-GE	Celica 1.8i 16V VVT	00 →	1794 ccm		79 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
TOYOTA BENZYNA											
ENG. 2A	Corolla 1300, Corsa 1300	79 →	1295 ccm	54 kW (74 PS)	76 / 4	IN	PTOY020	13711-15010 13711-15030	36,0x7,0x107,0	45	1
	Tercel 1300	79 →				EX	PTOY021	13715-15010	31,0x7,0x106,5	45	1
ENG. 3A	Carina 1500, Corolla 1500	78 →	1452 ccm	52 kW (71 PS)	77,5 / 4						
	Corona 1500, Corsa 1500	78 →									
	Sprinter 1500, Tercel 1500	78 →									
ENG. 4A	Carina 1600, Celica 1600	83 →	1587 ccm	52-74 kW (71-100 PS)	81 / 4						
	Corolla 1600 16V	83 →									
	Sprinter 1600 16V	83 →									
ENG. 12R	Corona 1600, Mark II 1600	77 →	1587 ccm	48 kW (65 PS)	80,5 / 4	IN	PTOY026	13711-31050	40,0x8,0x109,0	45	1
	HiAce, HiLux, ToyoAce	77 →				EX	PTOY027	13715-31070	34,0x8,0x109,0	45	1
	TownAce	77 →									
ENG. 1Y	TownAce	83 →	1626 ccm	64 kW (86 PS)	86 / 4	IN	PTOY038	13711-71010	40,0x8,0x108,0	45	1
ENG. 2Y	LiteAce, MasterAce	83 →	1812 ccm	57 kW (78 PS)	86 / 4	EX	PTOY039	13715-71010	36,0x8,0x108,4	45	1
ENG. 3Y	HiAce, HiLux, MasterAce	83 →	1998 ccm	65 kW (88 PS)	86 / 4						
	TownAce	83 →									
ENG. 4YEC (USA)	Van/Wagon	84/89	1998 ccm		86 / 4						
ENG. 5R	Crown, Coaster, Stout,	78 →	1998 ccm	59 kW (80 PS)	88 / 4	IN	PTOY042	13711-44013	43,0x8,5x109,5	45	1
	Dyna, Route, ToyoAce Forklift (U.S.A.)	78 →	1998 ccm	59 kW (80 PS)		EX	PTOY043	13715-44013 13715-44022	37,0x8,5x109,7	45	1


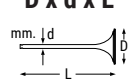




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
TOYOTA BENZYNA											
ENG. 3S-FE	Funcruiser 2.0 16V DOHC EFI	4/94-12/99	1998 ccm	69-95 kW (94-129 PS)	86 / 4	IN	PTOY044	13711-74101	32,0x6,0x97,5	45	1
						EX	PTOY045	13715-74100	27,0x6,0x98,4	45	1
ENG. 3S-FE	Avensis 2.0i 16V Picnic 2.0i 16V Rav4 2.0i 16V Carina 2.0i 16V	97 →	1998 ccm	94 kW (128 PS)	86 / 4						
		98 →									
		96 →									
		98 →									
EN G. 7M-GE	Supra Cressida 24V	86 →	2954 ccm	150 kW (240 PS)	83 / 6	IN	PTOY066	13711-42020	32,0x6,0x98,1	45	1
		EX				PTOY067	13715-42010	27,5x6,0x98,1	45	1	
ENG. 1NZ-FE	Yaris (_P1_) 1.5 (NCP13_)	01/03 - 11/05			4	IN	PTOY018	13711-21010	30,5x5,0x89,3	45	1
						EX	PTOY019	13715-21010	25,5x5,0x88,0	45	1
		04/01 - 09/05									
		03/00 - 07/05									
		03/00 - 09/05									
ENG. 1NZ-FXE	Yaris Verso (_P2_) 1.5 (NCP21_) Yaris Verso (_P2_) 1.5 (NCP21_) Prius Sedan (_W1_) 1.5 Hybrid (NHW1_) Prius Liftback (_W2_) 1.5 (Nhw20_) Yaris (_P13_) 1.5 Hybrid (NHP130_) Yaris (_P13_) 1.5 Hybrid (NHP130_)	03/00 - 09/05	1497 ccm	55 kw (75 PS)	4						
		03/00 - 09/05									
		05/00 - 01/04									
		09/03 - 12/09									
		04/15 →									
		03/12 →									




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
TOYOTA BENZYNA													
ENG. 2NZ-FE	Yaris (_P1_) 1.3 (NCP10_, SCP12_)	11/99 - 10/05	1299 ccm	63 kw (86 PS)	4	IN EX	PTOY018	137711-21010	30,5x5,0x89,3	45	1		
							PTOY019	13715-21010	25,5x5,0x88,0	45	1		
	Yaris Verso(_P2_) 1.3 (NCP20_, NCP22_)	11/02 - 09/05											
	Yaris Verso (_P2_) 1.3 (NCP20_, NCP22_)	08/99 - 10/02											
ENG. 7A-FE	Avensis (_T22_) 1.8 (AT221_)	09/97 - 10/00	1762 ccm	92 kw (125 PS)	4	IN EX	PTOY028	13711-02050 13711-02030 13711-15090 13711-16090	31,0x6,0x87,5 24,5x6,0x87,9	45	1		
	Avensis Liftback (_T22_) 1.8 (AT221_)	09/97 - 10/00											
	Avensis Kombi (_T22_) 1.8 (AT221_)	09/97 - 10/00											
	Carina E (_T19_) 1.8 (AT191)	01/95 - 09/97											
	Carina E sedan(_T19_) 1.8 i 16V (AT191)	01/95 - 09/97											
	Carina E Sportswagon (_T19_) 1.8 i (AT191_)	02/95 - 09/97											
	Celica Coupe (_T20_) 1.8 i 16V (AT200/ST)	11/93 - 11/99											
	Corolla Compact (_E10_) 1.8 GT (AE102_)	11/92 - 05/95											
	Corolla Compact (_E10_) 1.8 GTi 4WD	11/92 - 04/95											
	Corolla Liftback (_E10_) 1.8 GT (AE102_)	11/92 - 05/95											
	Corolla Kombi(_E10_) 1.8 16V 4WD (AE103_)	09/95 - 04/97											
	Corolla Kombi (_E11_) 1.8 4WD (AE115_)	04/97 - 10/01											


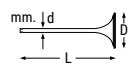




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer Amp 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
TOYOTA BENZYNA											
ENG. 2UZ-FE	Land Cruiser 100 (_J1_) 4.7 (UZJ100_)	01/98 - 08/07	4664 ccm	173 kw (235 PS)	4	IN EX	PTOY106 PTOY107	13711-50060 13715-50070	34,5x5,5x95,1	45	1
	Land Cruiser 100 (_J1_) 4.7 (UZJ100)	02/02 - 08/07							29,0x5,5x95,1	45	1
	Land Cruiser 100 (_J1_) 4.7 (UZJ100)	01/08 →									
ENG. 1AZ-FE	Avensis Verso (_M2_) 2.0 (ACM20_)	08/01 - 11/09	1998 ccm	100 kw (136 PS)	4	IN EX	PTOY109 PTOY108	13711-28010 13711-28030 13715-28040	34,0x5,5x101,7	45	1
	Avensis Kombi (_T25_) 2.0 VVTi (AZT250_)	04/03 - 11/08							29,4x5,5x101,1	45	1
	RAV 4 II (_A2_) 2.0 4WD (ACA21, ACA20)	05/00 - 11/05									
	RAV 4 III (_A3_) 2.0 4WD (ACA30_)	02/06 - 06/13									
ENG. 1AZ-FSE	Avensis (_T25_) 2.0 (AZT250_)	03/03 - 11/08	1999 ccm	92 kw (125 PS)	4						
	Avensis sedan (_T25_) 2.0 (AZT250_)	04/03 - 11/08									
	Avensis Kombi (_T25_) 2.0 (AZT250_)	04/03 - 11/08									


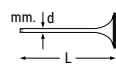




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
TOYOTA DIESEL											
ENG. 2C	Camry 2.0 D	5/84 →	1974 ccm	53-54 kW (72-73 PS)	86 / 4	IN	PTOY001	13711-64030	38,5x8,0x105,7	45	1
	Carina II 2.0 D	12/87-1/92									
	Carina E 2.0 D	3/92-1/96									
	Corolla VII 2.0 D	7/92-4/97									
	Corona 2.0 D	10/83-11/87									
	LiteAce 2.0 D	8/88-1/95									
	Model F 2.0 D	5/83-7/88									
Sprinter 2.0 D	8/89 →										
ENG. 2C-T	Camry 2.0 TD	12/86-5/91	1974 ccm	61-67 kW (83-91 PS)	86 / 4	EX	PTOY002	13715-64040	32,5x8,0x105,3	45	1
	Carina II 2.0 TD	10/94-10/97									
	Carina E 2.0 TD	1/96-10/97									
	Vista 2.0 TD	8/90-94									
	Windom 2.0 TD	9/91 →									
ENG. 3C-TE	Caldina 2.2 TD	97-3/02	2184 ccm	94 kW (128 PS)	86 / 4						
	Camry 2.2 TD	7/94 →									
	Corona/Gaia 2.2 TD	6/99 →									
	Ipsum 2.2 TD	95-01									
	Picnic 2.2 TD	8/98-12/01									
	Vista 2.2 TD	7/94-7/03									


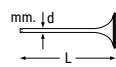




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 									
TOYOTA DIESEL																				
ENG. 2L	Blizzard 2.4 D	7/84 →	2466 ccm	53-62 kW (72-85 PS)	92 / 4	IN	PTOY003	13711-17010	42,5x8,0x103,5	45	1									
	Chaser 2.4 D	8/88 →						13711-54020												
	Cressida 2.4 D	8/84-8/98						EX				PTOY004	13715-17010							
	Cresta 2.4 D	3/80 →											13715-54040							
	Crown 2.4 D	8/83 →						IN				PTOY096	42,5x8,0x103,5	45	1					
	Dyna 100 2.5 D	8/85-5/95																		
	Dyna 150 2.5 D	8/85-8/88																		
	HiAce 2.4 D	8/85 →														EX	PTOY097	36,1x8,0x103,5	45	1
	HiLux 2.4 D	78-11/89																		
	Land Cruiser 2.4 D	11/84-3/90																		
	Mark II 2.4 D	85-94																		
	Prado 2.4 D	11/84-3/90																		
ToyoAce 2.4 D	8/83-7/95																			
ENG. 2L-II	Cresta 2.4 D	3/88 →	2466 ccm	62 kW (84 PS)	92 / 4															
	HiAce 2.4 D	8/89-7/95																		
	HiLux 2.4 D	8/88-8/97																		
ENG. 3L	Dyna 150 2.8 D	8/88-5/95	2799 ccm	67 kW (91 PS)	92 / 4															
	HiAce 2.8 D	8/88-8/97																		
	Land Cruiser 2.8 D	5/96-9/02																		
	Prado 2.8 D	4/90-9/02																		
	4-Runner 2.8 D	90-95																		

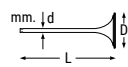




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
TOYOTA DIESEL											
ENG. 1WZ	Corolla VIII 1.9 D	99 →	1868 ccm	51 kW (69 PS)	82,2 / 4	IN	PTOY005	93510415 96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000	38,5x8,0x112,4	45	1
						EX	PTOY006	50054982 93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052	33,0x8,0x111,9	45	1


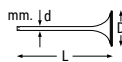




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
TOYOTA DIESEL											
ENG. 1WZ	Corolla VIII 1.9 D	99 →	1868 ccm	51 kW (69 PS)	82,2 / 4	EX	PTOY006	LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1
ENG. 1C	Carina I 1.8 D	4/82-9/83	1839 ccm	43-48 kW (58-65 PS)	83 / 4	IN EX	PTOY080 PTOY081	13711-64010	38,5x8,0x106,5	45	1
	Corolla VI 1.8 D	5/87-4/92						13715-64010			
ENG. 1C-L	Corona 1.8 D	12/86-11/91	1839 ccm	42-50 kW (57-68 PS)	83 / 4						
	LiteAce 1.8 D	10/82-8/88									
ENG. 1C-L	Corolla V 1.8 D	5/83-4/87	1839 ccm	42-50 kW (57-68 PS)	83 / 4						
	Sprinter 1.8 D	5/83 →									
ENG. 1C-TL	Camry 1.8 TD	8/83-8/85	1839 ccm		83 / 4						
	Vista 1.8 TD	8/83-8/85									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
TOYOTA DIESEL											
ENG. L	Blizzard 2.2 D	3/80 →	2188 ccm	47-53 kW (64-72 PS)	90 / 4	IN EX	PTOY082 PTOY083	13711-54010	42,5x8,5x123,0	45	9
	Cressida 2.2 D	9/80-7/84						13715-54010	35,0x8,5x123,0	45	9
	Crown 2.2 D	9/79-7/93						13715-54020			
	HiAce 2.2 D	11/82-7/85									
	HiLux 2.2 D	8/80-12/87									
	ToyoAce 2.2 D	3/79-8/83									
ENG. 2L	Chaser 2400 D, Crown 2400 D	83 →	2446 ccm	74 kW (96 PS)	92 / 4						
	Mark II 2400 D	83 →									
ENG. 2LT	4 Runner 2.4 TD	90 →	2446 ccm		92 / 4						
ENG. 2L, 2LT	Land Cruiser 2.4 D/TD HiAce 2.4	90 →	2446 ccm		92 / 4						
ENG. 5L		97-05	2986 ccm	72 kW (97 PS)	99,5 / 4	IN EX	PTOY084 PTOY085	13711-54030 13715-54050 13715-54090	42,5x8,0x104,3 36,0x8,0x104,3	45 45	1 1
ENG. 1KZ-T	HiLux 3.0 D	8/93-11/95	2982 ccm	92 kW (125 PS)	96 / 4	IN EX	PTOY092 PTOY093	13711-54040	42,4x8,0x104,4	45	1
	Land Cruiser 3.0 D	5/93-4/96						13715-67040	37,0x8,0x104,0	45	1
	4 Runner 3.0 D	8/93-3/96									
ENG. 1KZ-TE	HiAce 3.0 TD HiLux 3.0 TD	7/00-2/02	2982 ccm	97 kW (130 PS)	96 / 4						
	Land Cruiser 3.0 TD	93 →									
	Prado 3.0 TD	5/96 →									
	4 Runner 3.0 TD	4/96-02									

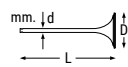




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 						
TOYOTA DIESEL																	
ENG. DV4TD (2WZ-TV)	Aygo 1.4 D-4D	7/05 →	1398 ccm	40-50 kW (54-68 PS)	73,7 / 4	IN	PTOY098	1145933	32,8x5,5x97,5	45	9						
								1152191									
								0948.C2									
								Y401-12-111									
								SU00100551									
						EX	PTOY099	1145932	30,2x5,5x97,5	45	9						
								1152190									
								1202362									
								0949.B1									
								Y401-12-121									
								SU00100552									
ENG. OM 314.910	Bandeirante 3.8 D	84-01	3780 ccm	63 kW (85 PS)	97 / 4	IN	PTOY100	3520530001	44,0x9,0x140,5	45	2						
												3520530101					
												3520500026					
													3520500126				
												IN	PTOY102	3660500226	44,0x9,0x140,5	30	2
														3660500326			
												EX	PTOY101	3520531505	36,0x10,0x140,5	45	2
												EX		PTOY103			
													3660500027		36,0x10,0x140,5	45	2
													3210530905				
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													3660500527				
							3660500627										
							3760500027										
							3760500127										



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
UAZ BENZYNA											
Uaz			2000 ccm		84 / 4	IN EX	PUAZ001	21D1007010	44,1x9,0x117,3	45	22
							PUAZ002	321-01-1007015	36,1x9,0x117,3	45	2


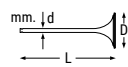




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
UNIVERSAL-UTOS DIESEL											
ENG. D113	Tractor U-650/65/500/50 Romalag U650 Rumanian 650	66 →	2000 ccm		108 / 4	IN	PUNI001	10302117	41,0x11,0x168,0	45	6
						EX	PUNI002	10302118	37,0x11,0x167,5	45	6
									Grubość grzybka +0,50 [mm]		
						IN	PUNI005		41,0x11,0x168,0	45	6
						EX	PUNI006		37,0x11,0x167,5	45	6
Tractor 80 HP		66 →			4	IN	PUNI003		47,9x11,0x151,5	45	1
						EX	PUNI004		43,8x11,0x151,5	45	1


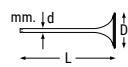




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
URSUS DIESEL																
ENG. D 3.152		70 →	2503 ccm	35 kW (47 PS)	91,48 / 3	IN	PURS001	31431681	39,0x7,9x114,3	35	1					
							EX	PURS002	31431761	33,4x7,9x114,3	35	1				
									31431011 3142A081							
						IN	PURS034	40,0x7,9x114,3	35	1						
							EX	PURS035	34,4x7,9x114,3	35	1					
									Nadwymiar grzybka +2,0 [mm]							
ENG. A 4.236 (Ursus 4390)	MF 4512 (4 cylindry)	87-09	3864 ccm	44,1-48,5 kW (60-66 PS)	98,43 / 4	IN	PURS003	31431641	44,4x9,48x123,0	45	1					
								31431103								
								31431163								
								733819M1								
							EX	PURS005	31431881	36,5x9,46x123,4	45	1				
									31431104							
								31431109								


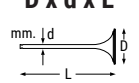




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przylgni 	Typ zamka 
URSUS DIESEL											
ENG. A 4.236 (Ursus 4390)	MF 4512 (4 cylindry)	87-09	3864 ccm	44,1-48,5 kW (60-66 PS)	98,43 / 4	IN	PURS053	3142H002	44,2x9,5x123,0	30	1
						EX	PURS054	3142A052	36,5x9,5x123,5 +003°	45	1
						IN	PURS026	31431401	44,4x9,55x123,0	45	1
						EX	PURS027	31431411 736815M1	36,5x9,53x123,4 +005°	45	1
						IN	PURS028		44,4x9,60x123,0	45	1
						EX	PURS029		36,5x9,58x123,4 +015°	45	1
						IN	PURS030	31431402 736813M1	44,4x9,86x123,0	45	1
						EX	PURS031	31431412	6,5x9,84x123,4 +019°	45	1
						IN	PURS004		44,4x9,96x123,0	45	1
						EX	PURS006		36,5x9,94x123,4 +030°	45	1
						IN	PURS032	31431403	44,4x10,24x123,0	45	1
						EX	PURS033	31431413	36,5x10,22x123,4 Grubość grzybka +1,0 [mm]	45	1
						IN	PURS051		44,4x9,48x123,0	45	1
						EX	PURS052		36,5x9,46x123,4	45	1
	C-330/335 S-312C		1960 ccm	22,4 kW (32 PS)	102 / 2	IN	PURS007	50008470	44,5x9,0x144,9	45	32
						EX	PURS009	50008480	36,5x9,0x144,9 Nadwymiar grzybka +2,0 [mm]	45	32
						IN	PURS008		46,5x9,0x144,9	45	32
						EX	PURS010		38,5x9,0x144,9	45	32


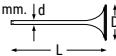




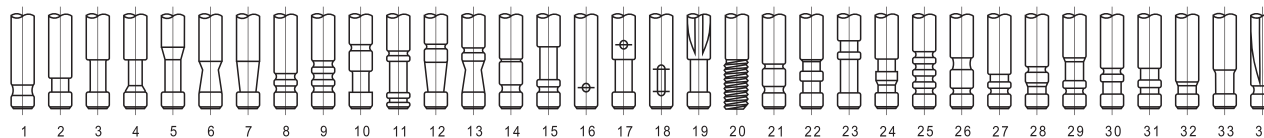
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
URSUS DIESEL											
	C-360 S-4003		3120 ccm	36,4 kW (52 PS)	95 / 4	IN	PURS011	50505051	39,2x8,0x129,3	45	32
						EX	PURS013	50505061	33,2x10,0x129,3	45	32
									Nadwymiar grzybka +1,0 [mm]		
						IN	PURS024		40,2x8,0x129,3	45	32
						EX	PURS025		34,2x10,0x129,3	45	32
								Nadwymiar grzybka +2,0 [mm]			
						IN	PURS012		41,2x8,0x129,3	45	32
						EX	PURS014		35,2x10,0x129,3	45	32
ENG. Z 8401.1	C-385		4562 ccm	57,1 kW (81,6 PS)	110 / 4	IN	PURS015	80005014	49,2x10,0x138,9	45	1
ENG. Z 8701.1			6842 ccm	84,8 kW (121,1 PS)	110 / 6	EX	PURS016	80005014 80005015 480005015 89005902 64000424	41,3x10,0x138,9	45	1
ENG. Z 8002.1	C-385 TURBO		4562 ccm	70,5 kW (100,7 PS)	110 / 4	IN	PURS017	89005915	49,2x10,0x139,0	30	1
ENG. Z 8602.1			6842 ccm	111,5 kW (159,3 PS)	110 / 6	EX	PURS016	489005915 64000423 80005015 480005015 89005902 64000424	41,3x10,0x138,9	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przylgni 	Typ zamka 
URSUS DIESEL											
ENG. AD 3.152	20, 35, 40, 44, 114, 124, 134, 135, 144, 148, 152, 154, 164, 200, 230, 233, 234, 235, 240, 245, 248, 250, 253, 254, 255, 260, 263, 285, 333, 340, 350, 353, 2200, 2203, 2205, 2500, 3165, 4000, 4500, 5000, 5500	1/69 →	2490 ccm	28-42 kW (38-57 PS)	91,48 / 3	IN	PURS020	31431281 31431741 732811M1	39,0x7,9x114,3 33,4x7,9x114,3		
						EX	PURS021	31431271 31431591 31431731 31431941 737640M1			
ENG. AD 4.203	30, 50, 65, 86, 155, 158, 165, 300, 304, 560, 7000	62 →	3335 ccm	40-43 kW (55-59 PS)	91,48 / 4	IN	PURS055		Nadwymiar grzybka +1,0 [mm] 39,0x7,9x114,3		
						EX	PURS056	364902	33,4x7,9x114,3		
ENG. 4.203	Massey Ferguson 65 mk. 2 Massey Ferguson 165 mk. 1	01/62 -	3335 ccm	44 kW (60 PS)	91,44/4	IN	PURS038	31431281	39,0x7,9x114,3	45	1
						EX	PURS039	31431271	33,4x7,9x114,5	45	1


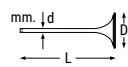




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLGA (WOŁGA) BENZYNA											
	Wołga M21		2500 ccm		92 / 4	IN EX	PWOL001 PWOL002	13-1007010-B1 24-1007015	47,0x9,0x117,0 36,0x9,0x117,5	45 45	22 2
	Wołga 24		2445 ccm 2890 ccm		92 / 4	IN EX	PWOL003 PWOL004	402.1007010 402.1007015	47,3x9,0x117,2 39,2x9,0x117,3	45 45	2 2

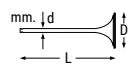




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. GF	Golf I 1.3 Jetta 1.3 Quantum 1.3 Scirocco 1.3	2/77-85	1272 ccm	44 kW (60 PS)	75 / 4	IN	PVWG001	036109601A 036109601D 036109601G	34,0x8,0x110,5	45	9
						EX		PVWG002			
ENG. GL	Derby 1.0i Polo 1.0i	8/81-10/86	1043 ccm	29 kW (40 PS)	75 / 4						
ENG. GK	Derby 1.3i Polo 1.3i	8/82-7/89	1272 ccm	55 kW (75 PS)	75 / 4						
ENG. HK	Derby 1.3 Golf II 1.3 Jetta 1.3 Polo 1.3 Scirocco 1.3	8/83-7/86	1272 ccm	40 kW (54 PS)	75 / 4						
ENG. FA, FJ	Golf I 1.1 Scirocco 1.1	4/74-7/79 2/74-7/79	1093 ccm	37-38 kW (50-52 PS)	69,5 / 4	IN	PVWG003	036109601	34,0x8,0x104,0 28,0x8,0x104,0	45 45	1 1
						EX		PVWG004			
ENG. GG	Golf I 1.1 Jetta 1.1	8/79-12/83 8/79-2/84	1093 ccm	37 kW (50 PS)	69,5 / 4						
ENG. HA	Derby 0.9 Polo 0.9	4/75-9/81 4/75-9/81	895 ccm	29 kW (40 PS)	69,5 / 4						
ENG. HB, HC	Derby 1.1 Polo 1.1	7/76-7/83 4/75-7/83	1093 ccm	37-44 kW (50-60 PS)	69,5 / 4						
ENG. HD			1093 ccm	38 kW (52 PS)							
ENG. FY, FZ	Passat 1.3 Santana 1.3	1/78-7/83 1/78-7/83	1272 ccm	40-44 kW (54-60 PS)	75 / 4						
ENG. HH	Derby 1.3 Fox 1.3 Polo 1.3	8/77-7/83 9/78-81 8/77-7/83	1272 ccm	44 kW (60 PS)	75 / 4						
ENG. HJ	Derby 1.3 Polo 1.3	1/77-9/81 1/77-7/82	1272 ccm	43 kW (58 PS)	75 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
VOLKSWAGEN BENZYNA												
ENG. HZ	Golf 1.05	5/85-10/91 8/86-10/91 8/85-1/92	1043 ccm	37 kW (50 PS)	75 / 4	IN	PVWG005	030109601B	36,0x8,0x98,7	45	9	
	Golf II 1.05							030109601C				
	Jetta 1.05							073109601D				
	Polo 1.05							030109601D				
ENG. MH, NU	Golf II 1.3	8/85-12/88 8/85-12/88 8/85-12/88	1272 ccm	37-40 kW (50-55 PS)	75 / 4	IN	PVWG051	030109601D	36,0x8,0x99,3	45	9	
	Jetta 1.3							030109601F				
	Polo 1.3							030109601E				
ENG. ACM	Polo 1.05i	2/92-12/92	1043 ccm	33 kW (45 PS)	75 / 4	EX	PVWG006	030109611A	28,8x8,0x99,1	45	9	
ENG. NZ, 2G	Golf 1.3/1.3i	8/85-7/92 8/85-7/92 5/86-7/94	1272 ccm	40 kW (55 PS)	75 / 4			PVWG052	030109601E	32,0x8,0x99,3	45	9
	Golf II 1.3/1.3i											
	Jetta 1.3/1.3i											
	Polo 1.3/1.3i											
ENG. 3F	Polo 1.3i	1/90-7/94	1272 ccm	55-57 kW (75-78 PS)	75 / 4	EX	PVWG007	058109601C	26,9x6,0x105,1	45	9	
ENG. PY	Polo 1.3i G40	8/86-7/94	1272 ccm	83 kW (113 PS)	75 / 4			PVWG008	058109611M	29,9x6,0x103,9	45	9
ENG. AAK, AAU	Polo 1.05i	1/90-7/94	1043 ccm	33 kW (45 PS)	75 / 4			06B109611D	Odległość zamka - 4,0 [mm]			
ENG. AAV	Polo 1.3	1/91-7/94	1272 ccm	40 kW (54 PS)	75 / 4							
ENG. ABD	Golf III 1.4i	11/91-7/95	1391 ccm	44 kW (60 PS)	75 / 4							
	Vento 1.4i	1/92-7/95										
ENG. ADR	Passat 1.8i 20V	12/96-1/99	1781 ccm	92 kW (125 PS)	81 / 4							
ENG. AFY	Passat 1.8i	1/97-4/00	1781 ccm	85 kW (116 PS)	81 / 4							
ENG. AGN	Bora 1.8i 20V	2/99-10/00	1781 ccm	92 kW (125 PS)	81 / 4							
	Golf 1.8i 20V	10/97-10/00										
ENG. APT, ARG	Passat 1.8i 20V	4/98-2/01	1781 ccm	92 kW (125 PS)	81 / 4							
ENG. ACK, ALG	Passat 2.8i VR6 30V	5/97-12/98	2771 ccm	142 kW (193 PS)	82,5 / 6							
ENG. AGE	Passat 2.8i VR6 30V	5/97-9/99	2771 ccm	132 kW (180 PS)	82,5 / 6							
ENG. ALT	Passat 2.0i 20V	11/01-5/05	1984 ccm	96 kW (131 PS)	82,5 / 4							
ENG. AMX , APR, AQD, ATQ	Passat 2.8i VR6 30V	1/99-5/05	2771 ccm	142 kW (193 PS)	82,5 / 6							
ENG. ATX, BBG	Passat 2.8i VR6 30V	9/99-5/05	2771 ccm	140 kW (190 PS)	82,5 / 6							


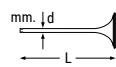




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. AEB, ANB, APU	Passat 1.8i Turbo 20V	10/96-2/01	1781 ccm	110 kW (150 PS)	81 / 4	IN	PVWG007	058109601C	26,9x6,0x105,1	45	9
ENG. AGU	Bora 1.8i Turbo 20V Golf IV 1.8i Turbo 20V New Beetle 1.8i T 20V	5/00-5/05 10/97-5/06 1/98-6/00	1781 ccm	110 kW (150 PS)	81 / 4	EX	PVWG122	058109611E	29,9x6,0x103,9 Odległość zamka - 5,9 [mm]	45	9
ENG. AJH, AWC	Sharan 1.8i Turbo 20V	11/97 →	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. APH, AVC	New Beetle 1.8i T 20V	1/98-5/01	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. AQA, ARZ	Golf IV 1.8i Turbo 20V	5/98-4/01	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. AUM	Bora 1.8i Turbo 20V Golf IV 1.8i Turbo 20V	9/00-5/05 9/00-5/06	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. AUQ	Bora 1.8i Turbo 20V Golf 1.8i Turbo 16V Golf IV 1.8i Turbo 20V	5/02-5/05 6/03 → 6/01-5/06	1781 ccm	132 kW (180 PS)	81 / 4						
ENG. AWU, AWV	New Beetle 1.8i T 20V	6/00 →	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. ARX	Bora 1.8i Turbo 20V	9/00-4/01	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. AWM	Passat 1.8i Turbo 20V	2/01-11/05	1781 ccm	125 kW (170 PS)	81 / 4						
ENG. ABU	Golf III 1.6i Vento 1.6i	8/92-9/94 8/92-9/94	1588 ccm	55 kW (75 PS)	76,5 / 4	IN EX	PVWG009 PVWG010	032109601G 032109611G	34,6x7,0x94,8 29,0x7,0x95,0	45 45	9 9
ENG. AEA, AEE	Caddy 1.6i Golf 1.6i Golf III 1.6i Polo 1.6i Vento 1.6i	6/96-12/00 7/95-12/97 10/94-12/97 10/94-12/99 10/94-12/97	1598 ccm	55 kW (75 PS)	76,5 / 4	IN EX	PVWG011 PVWG010	030109601AH 032109611G	35,6x7,0x94,8 29,0x7,0x95,0	45 45	9 9
ENG. AEX, AKV, ANX, APQ	Caddy 1.4i Gol 1.4i Golf III 1.4i Polo 1.4i Vento 1.4i	11/95-6/03 7/95-5/98 7/95-12/99 7/95-10/98	1390 ccm	40-44 kW (55-60 PS)	76,5 / 4						
ENG. AHS, ALM	Polo 1.6i	3/96-9/01	1598 ccm	55 kW (75 PS)	76,5 / 4						


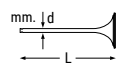




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. AFT	Golf 1.6i		1595 ccm	74 kW (101 PS)	81 / 4	IN	PVWG021	078109601A	39,5x7,0x91,9	45	9
	Golf III 1.6i	7/95-10/00						078109601B			
	Passat 1.6i	12/95-12/96						078109601E			
	Polo 1.6i	12/95-8/99						078109601F			
	Vento 1.6i	1/96-12/97						06A109601E			
ENG. AEH, AKL, APF	Bora 1.6i	9/98-5/05	1595 ccm	74 kW (101 PS)	81 / 4	EX	PVWG022	037109601	32,9x7,0x91,2	45	9
	Golf IV 1.6i	1/98-5/04						048109611B			
	Polo 1.6i	10/99-9/01						078109611C			
ENG. ADP, AHL	Passat 1.6	10/96-8/00	1595 ccm	74 kW (101 PS)	81 / 4			037109611B			
ENG. ANA, ARM	Passat 1.6i	1/99-8/00	1595 ccm	74 kW (101 PS)	81 / 4						
ENG. AUR	Polo 1.6i	7/00-9/01	1595 ccm	74 kW (101 PS)	81 / 4						
ENG. AWH	New Beetle 1.6i	11/99-10/00	1595 ccm	74 kW (101 PS)	81 / 4						
ENG. AKS	Golf 1.6i		1595 ccm	74 kW (101 PS)	81 / 4						
	Golf III 1.6i	4/97-10/00									
	Vento 1.6i	4/97-12/97									
ENG. AGG	Golf 2.0i		1984 ccm	85 kW (116 PS)	82,5 / 4						
	Golf III 2.0i	7/95-12/01									
	Passat 2.0i	7/95-12/96									
	Vento 2.0i	7/95-12/97									
ENG. AKR	Golf 2.0i		1984 ccm	85 kW (116 PS)	82,5 / 4						
	Golf III 2.0i	4/97-4/00									
	Vento 2.0i	4/97-12/97									
ENG. ATU, AWF	Golf III 2.0i	6/99-6/02	1984 ccm	85 kW (116 PS)	82,5 / 4						
ENG. AEG	Jetta 2.0i	6/98 →	1984 ccm	85 kW (116 PS)	82,5 / 4						
	New Beetle 2.0i	1/98-5/01									
ENG. AEG, AWG	Golf IV 2.0i	9/99 →	1984 ccm	85 kW (116 PS)	82,5 / 4						


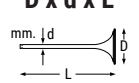




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
VOLKSWAGEN BENZYNA												
ENG. EW	Caddy 1.6i	8/83-7/92	1595 ccm	55 kW (75 PS)	81 / 4	IN	PVWG025	035109601C	38,0x8,0x98,7	45	9	
	Golf II 1.6i	8/83-7/92						035109601D				
	Scirocco 1.6i	1/83-7/91						035109601F				
ENG. EZ	Golf 1.6i	8/83-7/91	1595 ccm	55 kW (75 PS)	81 / 4	IN	PVWG031	035109603	38,0x8,0x91,0	45	9	
	Golf II 1.6i							12/83-7/91				035109601H
	Jetta 1.6i							4/88-9/91				035109601G
	Passat 1.6i											
ENG. EZA	Golf II/Jetta 1.6i	8/85-7/87	1595 ccm	51 kW (70 PS)	81 / 4	EX	PVWG026	035109611F	33,2x8,0x98,5	45	9	
ENG. GX	Golf II 1.8	8/83-7/88	1781 ccm	66 kW (90 PS)	81 / 4	EX	PVWG030	048109611A	33,2x8,0x91,2	45	9	
	Jetta 1.8	12/83-7/88						053109611				
ENG. HM	Golf II 1.6i	8/83-7/88	1595 ccm	60 kW (82 PS)	81 / 4	EX	PVWG032	026109611A	33,2x8,0x90,8	45	9	
	Jetta 1.6	12/83-7/88										
ENG. HN	Caddy 1.6	8/83-7/89	1595 ccm	55 kW (75 PS)	81 / 4							
	Golf II 1.6i	8/83-7/86										
	Scirocco 1.6	8/83-7/86										

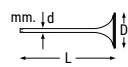




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 																		
VOLKSWAGEN BENZYNA																													
ENG. DS, JV	Passat 1.8	1/83-7/88	1781 ccm	66 kW (90 PS)	81 / 4	IN	PVWG025	035109601C	38,0x8,0x98,7	45	9																		
	Santana 1.8	1/83-7/98						035109601D																					
ENG. JU, DT	Passat 1.6	8/83-3/88	1595 ccm	55 kW (75 PS)	81 / 4	IN	PVWG025	035109601F	38,0x8,0x98,7	45	9																		
	Santana 1.6	8/83-12/84						035109603																					
ENG. HP, JS	Passat 2.0i	8/83-7/88	1994 ccm	85 kW (115 PS)	81 / 5	IN	PVWG031	035109601H	38,0x8,0x91,0	45	9																		
	Santana 2.0i	8/83-12/84						035109601G																					
ENG. KV	Passat 2.2i	1/85-3/88	2226 ccm	98 kW (133 PS)	81 / 5	IN	PVWG054	035109601J	38,0x8,0x91,9	45	9																		
ENG. JN	Fox 1.8 (USA)	3/87-6/93	1781 ccm	66 kW (90 PS)	81 / 4	IN	PVWG077	035109601K	38,0x8,0x91,35	45	9																		
	Passat 1.8	8/83-7/88						026109601C																					
	Quantum 1.8	9/83-7/86						026109601F																					
	Santana 1.8	8/83-12/84						026109601A																					
ENG. EX	Golf II 1.8i	8/83-7/93	1781 ccm	66 kW (90 PS)	81 / 4	EX	PVWG026	035109611F	33,2x8,0x98,5	45	9																		
	Scirocco 1.8i	8/83-7/92						035109611H																					
ENG. DZ	Passat 1.8i	12/83-7/84	1781 ccm	82 kW (112 PS)	81 / 4	EX	PVWG030	048109611A	33,2x8,0x91,2	45	9																		
								053109611																					
								026109611A																					
ENG. GU	Golf 1.8 Golf II 1.8 Jetta 1.8	8/83-10/91	1781 ccm	66 kW (90 PS)	81 / 4	IN	PVWG025	035109601C	38,0x8,0x98,7	45	9																		
								035109601D																					
								035109601F																					
								035109603																					
								035109601H																					
		IN				PVWG031	12/83-10/91	035109601G	38,0x8,0x91,0	45	9																		
												IN	PVWG054	035109601J	38,0x8,0x91,9	45	9												
																		EX	PVWG026	035109601K	33,2x8,0x98,5	45	9						
																								EX	PVWG030	035109611F	33,2x8,0x91,2	45	9
EX	PVWG030	053109611	33,2x8,0x91,2	45	9																								



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. KT	Golf II 1.8i	8/83-7/89	1781 ccm	82 kW (112 PS)	81 / 4	IN	PVWG029	048109601A	39,5x8,0x91,9	45	9
	Scirocco 1.8i	8/83-7/87				EX	PVWG030	048109611A	33,2x8,0x91,2	45	9
ENG. HT	Golf II 1.8i	1/85-7/85	1781 ccm	77 kW (105 PS)	81 / 4			053109611			
ENG. 1P	Golf II 1.8i	8/88-7/91	1781 ccm	72 kW (98 PS)	81 / 4						
	Jetta 1.8i	8/88-7/91									
ENG. PG	Corrado 1.8i G60	9/88-7/93	1781 ccm	110-118 kW (150-160 PS)	81 / 4						
	Golf II 1.8i G60	8/88-7/91									
	Passat 1.8i G60	8/88-7/93									
ENG. AAF, ACU	California T4 2.5i	9/90-10/96	2461 ccm	81 kW (110 PS)	81 / 5						
	EuroVan 2.5i	9/91-12/95									
	Transporter T4 2.5i	9/90-10/96									
ENG. AEN	Transporter T4 2.5i	5/95-12/95	2461 ccm	81 kW (110 PS)	81 / 5						
ENG. AEU, AET	California T4 2.5i	8/96-9/03	2461 ccm	81 kW (110 PS)	81 / 5						
	Transporter T4 2.5i	8/96-6/03									
ENG. AVT, APL	California T4 2.5i	5/99-4/02	2461 ccm	85 kW (116 PS)	81 / 5						
	Transporter T4 2.5i	5/99-6/03									
ENG. PN	Golf 1.6i		1595 ccm	51 kW (70 PS)	81 / 4	IN	PVWG031	035109601H	38,0x8,0x91,0	45	9
	Golf II 1.6i	8/85-7/92						035109601G			
	Jetta 1.6i	8/85-7/92				EX	PVWG030	053109611	33,2x8,0x91,2	45	9
ENG. RF	Golf 1.6		1595 ccm	53 kW (72 PS)	81 / 4			048109611A			
	Golf II 1.6	8/86-10/91									
	Jetta 1.6	8/86-10/91									
	Passat 1.6	4/88-7/89									
ENG. RG	Golf II 1.8i	2/86-7/87	1781 ccm	79 kW (107 PS)	81 / 4						
	Jetta 1.8i	2/86-7/87									
ENG. RE	Scirocco 1.6	4/86-7/90	1595 ccm	53 kW (72 PS)	81 / 4						
ENG. RL	Passat 1.6i	8/86-3/88	1595 ccm	53 kW (72 PS)	81 / 4						
ENG. RH	Golf 1.8		1781 ccm	62 kW (84 PS)	81 / 4						
	Golf II 1.8	8/86-7/90									
	Jetta 1.8	8/86-7/90									


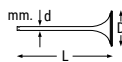




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
VOLKSWAGEN BENZYNA													
ENG. BAH	Fox 1.6i	10/03 →	1598 ccm	74 kW (101 PS)	76,5 / 4	IN	PVWG035	032109601L	34,4x6,0x99,1	45	9		
	Golf IV 1.6i	2/01-6/06						032109601M					
	Polo 1.6i	8/02 →						EX				PVWG036	030109611T
	Polo Sedan 1.6i	2/02 →											03D109611A
	Spacefox 1.6i												032109611L
	Sportvan 1.6i												032109611M
ENG. BLM	Suran 1.6i												
	Polo 1.4 FSI 16V	5/04 →	1390 ccm	63 kW (85 PS)	76,5 / 4								
ENG. AWY, BMD	Polo Sedan 1.4 FSI 16V												
	Fox 1.2i	05 →	1198 ccm	40 kW (54 PS)	76,5 / 3								
ENG. BBM	Polo 1.2i	1/02 →											
	Polo 1.2i	5/07 →	1198 ccm	44 kW (60 PS)	76,5 / 3								
	Polocross 1.2i	5/08 →											
	Passat L/N/GL	73-78	1272 ccm		75 / 4	IN	PVWG037	056109601A	34,0x8,0x98,7	45	1		
	Scirocco	74-75	1471 ccm		76,5 / 4	EX	PVWG038	056109601C	31,2x8,0x98,5	45	1		
	Golf S/LS/GL	74-75						049109611G					
	Passat GL/LS/S/TS	73-75											
	Scirocco GL/LS/TS	73-75											
	Golf GLS/LS/S	74-81	1457 ccm		79,5 / 4								
	Scirocco GL/GT/LS	74-81											
	Passat GLS/LS/S	75-80	1588 ccm		79,5 / 4								
	Scirocco GL/GT/LS	75-80											
ENG. YP	Passat 1.6	9/75-12/82	1588 ccm	63 (85 PS)	75 / 4	IN	PVWG037	056109601A	34,0x8,0x98,7	45	1		
	Santana 1.6	8/81-12/82						056109601C					
	Passat/Variant	73 →	1272 ccm	40-44 kW (50-60 PS)	76,5 / 4	EX	PVWG074	056109611A	31,2x8,0x98,5	45	1		
	Scirocco/Passat/Golf	73 →	1471 ccm	52-63 kW (70-85 PS)	79,5 / 4								
Golf/Scirocco	74 →	1457 ccm	51 kW (70 PS)	79,5 / 4									


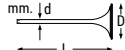




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. AHW, APE, AKQ	Bora 1.4i 16V	10/98-5/05	1390 ccm	55 kW (75 PS)	76,5 / 4	IN	PVWG039	036109601S	29,5x6,0x100,9	45	9
	Golf IV 1.4i 16V	10/97-6/06						036109601AD			
	Lupo 1.4i 16V	10/98-7/05						036109601AK			
	Polo 1.4i 16V	10/99-9/01						036109611K			
ENG. AUA	Caddy 1.4i 16V	9/00-6/03	1390 ccm	55 kW (75 PS)	76,5 / 4	EX	PVWG040	036109611AE	26,0x6,0x100,5	45	9
	Lupo 1.4i 16V	5/00-4/02									
	Polo 1.4i 16V	10/99-1/02									
ENG. BBY	Lupo 1.4i 16V	4/02-7/05	1390 ccm	55 kW (75 PS)	76,5 / 4						
	Polo 1.4i 16V	11/01-7/06									
	Polo Sedan 1.4 FSI 16V	11/02-7/06									
ENG. AFK, AQQ, AUB, ANM	Lupo 1.4i 16V	5/99-7/05	1390 ccm	74 kW (101 PS)	76,5 / 4						
	Polo 1.4i 16V	7/99-6/02									
ENG. AVJ, ARC	Polo 1.6i 16V	8/98-9/01	1598 ccm	88-92 kW (120-125 PS)	76,5 / 4						
ENG. ARR	Lupo 1.4 FSI 16V	9/00-11/03	1390 ccm	77 kW (105 PS)	76,5 / 4						
ENG. AVY	Lupo 1.6i 16V	6/00-7/05	1598 ccm	92 kW (125 PS)	76,5 / 4						
	Polo 1.6i 16V	6/00-9/01									
ENG. AXU	Polo 1.4i 16V	2/02-7/06	1390 ccm	63 kW (85 PS)	76,5 / 4						
ENG. AZQ	Polo 1.2i 12V	11/01-5/04	1198 ccm	47 kW (64 PS)	76,5 / 3						
ENG. BAD	Bora 1.6 FSI 16V	8/01-5/05	1598 ccm	81 kW (110 PS)	76,5 / 4						
	Golf IV 1.6 FSI 16V	8/01-6/06									
ENG. BAG, BLP	Golf V 1.6 FSI 16V	10/03-7/05	1598 ccm	85 kW (116 PS)	76,5 / 4						
	Touran 1.6 FSI 16V	2/03-5/04									
ENG. BBZ	Polo 1.4i 16V	5/02-5/08	1390 ccm	74 kW (101 PS)	76,5 / 4						
	Polo Sedan 1.4 FSI 16V	11/02 →									
	Polocross 1.4i 16V	11/05 →									
	Polocross 1.4 FSI 16V	11/05-5/07									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. CAVE	Polo 1.4 TSI GTI	5/10-5/12	1390 ccm	132 kW (180 PS)	76,5 / 4	IN	PVWG039	036109601S	29,5x6,0x100,9	45	9
ENG. CAXA	Eos 1.4 FSI 16V	11/07-5/08	1390 ccm	90 kW (122 PS)	76,5 / 4	EX	PVWG040	036109601AD	26,0x6,0x100,5	45	9
	Golf V 1.4 FSI 16V	7/07-11/08						036109601AK			
	Golf V 1.4 TSI 16V	9/07-12/08						036109611K			
	Golf VI 1.4 TFSI 16V	10/08 →						036109611AE			
	Golf Plus 1.4 FSI 16V	7/07 →									
	Jetta 1.4 FSI 16V	7/07 →									
	Passat 1.4 FSI 16V	5/07 →									
Scirocco 1.4 TSI 16V	11/08 →										
ENG. CGGA	Golf VI 1.4 SRE 16V	10/08 →	1390 ccm	59 kW (80 PS)	76,5 / 4						
	Golf Plus 1.4 SRE 16V	1/09 →									
ENG. CGPA	Polo 1.2i 12V	6/09 →	1198 ccm	51 kW (69 PS)	76,5 / 3						
	Polocross 1.2i 12V	2/10 →									
ENG. CGPB		ENG.11/05-7/07	1198 ccm	44 kW (60 PS)	76,5 / 3						
ENG. AER, ALL	Lupo 1.0i	10/98-5/00	999 ccm	37 kW (50 PS)	67,1 / 4	IN	PVWG041	030109601AG	31,0x7,0x94,7	45	9
	Polo 1.0i	7/96-12/99				EX	PVWG042	030109611N	26,0x7,0x94,4	45	9
ENG. ABF	Golf 2.0i 16V	8/92-12/97 1/94-12/96 96 → 92 →	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PVWG045	051109601B	32,0x7,0x95,5	45	9
	Golf III 2.0i 16V					EX	PVWG046	051109611B	27,0x7,0x98,0	45	9
	Passat 2.0i 16V							034109611F			
	Sharan 2.0i 16V										
Vento 2.0i 16V											


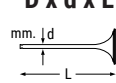




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. AB, AR	Kafer 1200/1300/1302/1303 1.3	8/70-7/75	1285 ccm	32 kW (44 PS)	77 / 4	IN	PVWG047	311109601	35,5x8,0x111,7	45	9
						EX	PVWG048	311109612A	31,9x8,0x111,9	45	9
ENG. T, 311 (1.6L)	VW 1600	65-7/73	1584 ccm	40 kW (54 PS)	85,5 / 4			311109612			
ENG. B	Transporter T2 1.6	8/67-7/70	1584 ccm	35 kW (47 PS)	85,5 / 4			113109612A			
ENG. AD	Kafer 1200/1300/1302/1303 1.6 Kafer 1500 1.6 Transporter T2 1.6	7/70-7/73	1584 ccm	37 kW (50 PS)	85,5 / 4						
ENG. AF	Tipo 1 1.6 Transporter T1 1.6 VW 181 1.6	5/73-10/92 5/73-9/92 7/96-12/99	1584 ccm	34 kW (46 PS)	85,5 / 4						
ENG. AAM	Golf 1.8i	8/91-10/00 8/92-1/94 8/90-12/96 1/92-9/94	1781 ccm	55 kW (75 PS)	81 / 4	IN	PVWG054	035109601J	38,0x8,0x91,9	45	9
							035109601K				
	EX					PVWG022	048109611B	32,9x7,0x91,2	45	9	
							078109611C 037109611B				
ENG. ADZ	Derby 1.8i	10/94-12/94	1781 ccm	66 kW (90 PS)	81 / 4	EX	PVWG030	048109611A	33,2x8,0x91,2	45	9
	Golf 1.8i	10/94-10/00 8/94-12/96 10/94-12/97						053109611			
	Golf III 1.8i										
	Passat 1.8i										
	Vento 1.8i										



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. JT	Passat 2.2i Quantum 2.2i	8/85-7/88 8/85-7/88	2226 ccm	89 kW (121 PS)	81 / 5	IN	PVWG054	035109601J 035109601K	38,0x8,0x91,9	45	9
ENG. KX	Passat 2.2i Quantum 2.2i Santana 2.2i	8/85-7/88 8/85-7/88 8/85-7/86	2226 ccm	88 kW (120 PS)	81 / 5	EX	PVWG030	048109611A 053109611	33,2x8,0x91,2	45	9
ENG. RM	Passat 1.8	8/86-3/88	1781 ccm	64 kW (87 PS)	81 / 4						
ENG. RP	Golf 1.8i Golf II 1.8i Jetta 1.8i Passat 1.8i	 8/86-10/91 8/86-10/91 4/88-7/91	1781 ccm	66 kW (90 PS)	81 / 4						
ENG. PP	Passat 1.6	3/87-3/88	1595 ccm	51 kW (70 PS)	81 / 4						
ENG. 1F	Caddy 1.6 Caddy 1.6i Passat 1.6i Polo 1.6i	11/95-5/97 11/95-5/97 8/88-7/90 10/94-9/97	1595 ccm	55 kW (75 PS)	81 / 4						
ENG. 2H	Golf II 1.8i	8/89-7/93	1781 ccm	72 kW (98 PS)	81 / 4						
ENG. PD	California T4 1.8i Transporter T4 1.8i	9/90-7/92 9/90-7/92	1781 ccm	49 kW (67 PS)	81 / 4						
ENG. ABN	Golf 1.6i Golf II 1.6i Jetta 1.6i Passat 1.6i	 8/91-7/92 8/91-7/92 10/91-7/92	1595 ccm	55 kW (75 PS)	81 / 4						
ENG. AENG. KR	Golf 1.8i Golf III 1.8i Jetta 1.8i	 8/91-10/00 8/92-7/95	1781 ccm	66 kW (90 PS)	81 / 4						

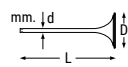




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 			
VOLKSWAGEN BENZYNA														
ENG. KR	Corrado 1.8i 16V	4/89-7/92	1781 ccm	100 kW (136 PS)	81 / 4	IN	PVWG055	027109601C	32,0x7,0x95,5	45	1			
	Golf II 1.8i 16V	2/86-10/91						EX				PVWG056	027109611A	
	Jetta 1.8i 16V	2/86-10/91											027109611B	
	Passat 1.8i 16V	4/88-7/92											027109611C	
	Scirocco 1.8i 16V	8/84-7/89											027109611D	
ENG. PL	Golf II 1.8i 16V	2/86-10/91	1781 ccm	95 kW (129 PS)	81 / 4									
	Jetta 1.8i 16V	2/86-10/91												
	Scirocco 1.8i 16V	2/86-7/92												
ENG. 9A	Corrado 2.0i 16V	8/91-7/95	1984 ccm	100 kW (136 PS)	82,5 / 4									
	Golf II 2.0i 16V	8/89-7/91												
	Passat 2.0i 16V	4/88-10/93												
ENG. ABD	Golf III 1.4i	11/91-7/95	1391 ccm	44 kW (60 PS)	75 / 4	IN	PVWG057	030109601L	36,0x7,0x99,3	45	9			
		1/92-7/95						030109601J						
	Vento 1.4i							IN				PVWG058	030109601G	34,0x7,0x99,0
ENG. 2G, 3F, NZ, AAV	Polo 1.3i	89-94	1272 ccm	40 kW (55 PS)	75 / 4	IN	PVWG057	030109601L	36,0x7,0x99,3	45	9			
												030109601J		
								EX				PVWG060	030109611D	29,0x7,0x99,2
ENG. 1W	Polo 1.4D	10/90-7/94	1398 ccm	35 kW (48 PS)	75 / 4	IN	PVWG058	030109601G	34,0x7,0x99,0	45	9			
ENG. AEV, ABD	Polo 45	94 →	1043 ccm	33 kW (45 PS)	75 / 4	EX	PVWG060	030109611D	29,0x7,0x99,2	45	9			
		Golf Variant										94 →	1391 ccm	44 kW (60 PS)
		Golf Ecomatic										94 →		
ENG. AAU, AEV	Polo 1.05i	10/90-6/96	1043 ccm	33 kW (45 PS)	75 / 4	IN	PVWG059	030109601M	32,0x7,0x99,2	45	9			
								EX				PVWG060	030109611D	29,0x7,0x99,2






Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. CH	LT 28/31/35/40	4/75-11/82	1984 ccm	55 kW (75 PS)	86,5 / 4	IN	PVWG061	046109601 046109601C	37,9x9,0x137,2	45	1`
						EX	PVWG062	046109611A	33,0x9,0x137,0	45	1
ENG. AFH	Polo 1.4i 16V	4/96-12/99	1390 ccm	74 kW (101 PS)	76,5 / 4	IN	PVWG063	036109601P	29,5x6,0x97,9	45	9
						EX	PVWG064	036109611L	26,0x6,0x97,3	45	9
ENG. ZA, ZF	Passat 1.3	5/73-1/78	1297 ccm	40-44 kW (55-60 PS)	75 / 4	IN	PVWG070	049109601F	34,0x8,0x98,5	45	9
ENG. EU	Passat 1.3	8/83-7/84	1272 ccm	44 kW (60 PS)	75 / 4			049109601K			
ENG. EP	Passat 1.3	8/83-7/87	1297 ccm	44 kW (60 PS)	75 / 4	EX	PVWG071	049109611F	31,0x8,0x98,5	45	9
	Santana 1.3	8/83-12/84									
ENG. FB, FD	Scirocco 1.5/1.5i	2/74-9/75	1471 ccm	55-63 kW (75-85 PS)	76,5 / 4	IN	PVWG061	046109601	37,9x9,0x137,2	45	1`
ENG. FH	Golf I 1.5 Passat 1.5 Rabbit 1.5 Scirocco 1.5	2/74-12/75 →12/75 →7/80 2/74-12/75	1471 ccm	51 kW (70 PS)	76,5 / 4						
ENG. YJ, ZB, ZC	Passat 1.5	5/73-12/75	1471 ccm	55-63 kW (75-85 PS)	76,5 / 4	EX	PVWG071	049109611F	31,0x8,0x98,5	45	9
ENG. FP	Golf I 1.6 Golf I 1.6i Scirocco 1.6i	→12/83 8/75-7/77 8/76-7/77	1588 ccm	55 kW (75 PS)	79,5 / 4						
ENG. FR	Jetta 1.6 Scirocco 1.6	8/80-2/84 8/75-7/83	1588 ccm	63 kW (85 PS)	79,5 / 4	IN	PVWG061	046109601	37,9x9,0x137,2	45	1`
ENG. FV	Golf I 1.6i Scirocco 1.6i	1/76-7/79 1/76-7/79	1588 ccm	51 kW (70 PS)	79,5 / 4						
ENG. YP	Passat 1.6 Santana 1.6	9/75-12/82 8/81-12/82	1588 ccm	63 kW (85 PS)	79,5 / 4	EX	PVWG071	049109611F	31,0x8,0x98,5	45	9
ENG. EM	Caddy 1.6 Golf I 1.6 Jetta 1.6 Scirocco 1.6	10/82-10/83 8/79-12/83 8/79-2/84 8/79-7/83	1588 ccm	55 kW (75 PS)	79,5 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 			
VOLKSWAGEN BENZYNA														
ENG. JB	Caddy 1.5	10/82-10/83	1457 ccm	51 kW (70 PS)	79,5 / 4	IN	PVWG070	049109601F	34,0x8,0x98,5	45	9			
	Golf I 1.5	8/77-12/83						049109601K						
	Jetta 1.5	8/79-2/84	1588 ccm	51 kW (70 PS)	79,5 / 4	EX	PVWG071	049109611F	31,0x8,0x98,5	45	9			
	Scirocco 1.5	8/77-12/82												
ENG. WP	Passat 1.6	8/80-7/81	1588 ccm	51 kW (70 PS)	79,5 / 4									
ENG. WT	Quantum 1.7	8/81-7/83	1716 ccm	58 kW (78 PS)	79,5 / 4									
ENG. WV	Passat 1.6	8/81-7/83	1588 ccm	55 kW (75 PS)	79,5 / 4									
	Santana 1.6	8/81-7/83												
ENG. YV	Dasher 1.6 (USA)	9/75-83	1588 ccm	63 kW (85 PS)	79,5 / 4									
	Rabbit 1.6	9/75-83												
ENG. EG	Golf I 1.6i	6/76-7/82	1588 ccm	81 kW (110 PS)	79,5 / 4	IN	PVWG072	049109601A	38,0x8,0x105,5	45	1			
	Jetta 1.6i	8/79-7/82						049109611A				31,0x8,0x105,5	45	1
	Scirocco 1.6i	8/76-7/82												
ENG. YS	Passat 1.6i	2/79-7/80	1588 ccm	81 kW (110 PS)	79,5 / 4									
ENG. JJ, GZ, KT, DX, EV, DZ	Golf GLi	1/83 →	1781 ccm	82 kW (112 PS)	81 / 4	IN	PVWG075	026109601	40,0x8,0x98,7	45	9			
	Golf GTi	1/84 →						035109611F				33,2x8,0x98,5	45	9
	Scirocco GLi/GTi/GTS	1/83 →						035109611H						
	Jetta 1.8i	82 →												
	Passat 1.8i	12/83-3/88												
	Passat Variant 1.8i	12/83-3/88												
Passat	80-81	1921 ccm	81 / 5	IN	PVWG076	035109601	38,0x8,0x98,7	45	1					
						EX	PVWG038	049109611G	31,1x8,0x98,5	45	1			
ENG. HY	Passat 2.2i	8/84-7/88	2226 ccm	100 kW (136 PS)	81 / 5	IN	PVWG078	026109601C 026109601F 026109601A	40,0x8,0x90,9	45	9			
ENG. PB	Golf 1.8i		1781 ccm	82 kW (112 PS)	81 / 4	IN	PVWG079		40,0x8,0x91,35	45	9			
	Golf II 1.8i	1/87-10/91												
	Jetta 1.8i	1/87-10/91												
	Passat 1.8i	4/88-7/90												
						EX	PVWG030	053109611 048109611A		45	9			





Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. PF, RD	Golf 1.8i		1781 ccm	79 kW (107 PS)	81 / 4	IN	PVWG078	026109601C	40,0x8,0x90,9	45	9
	Golf II 1.8i	8/85-10/91						026109601F			
	Jetta 1.8i	8/85-10/91						026109601A			
	Passat 1.8i	4/88-7/90									
ENG. RV	Golf 1.8i		1781 ccm	77 kW (105 PS)	81 / 4	IN	PVWG079		40,0x8,0x91,35	45	9
	Golf II 1.8i	8/87-10/91				EX	PVWG030	053109611			
	Jetta 1.8i	8/87-10/91						048109611A			
ENG. CCSA	Golf VI 1.6 SRE	11/07 →	1598 ccm	75 kW (102 PS)	76,5 / 4	IN	PVWG080	06B109601B	39,5x6,0x93,9	45	9
	Golf Plus 1.6 SRE	11/07-12/08						06B109601D			
	Jetta 1.6 SRE	1/08-6/09						06B109601H			
ENG. ALZ	Passat 1.6i	10/00-5/05	1595 ccm	75 kW (102 PS)	81 / 4	EX	PVWG081	06B109611B	33,0x6,0x93,9	45	9
ENG. AVU, BFQ	Bora 1.6i	9/00-5/05	1595 ccm	75 kW (102 PS)	81 / 4			06B109611C			
	Golf IV 1.6i	9/00-6/06	1595 ccm	75 kW (102 PS)	81 / 4						
ENG. AYD, BFS	New Beetle 1.6i	6/00 →									
ENG. BGU	Caddy 1.6	4/04-5/05	1595 ccm	75 kW (102 PS)	81 / 4						
	Golf V 1.6i	1/04-7/07									
	Touran 1.6i	7/03-5/05									
ENG. BSE, BSF	Caddy 1.6i	6/05 →	1595 ccm	75 kW (102 PS)	81 / 4						
	Caddy Maxi 1.6i	11/07 →									
	Golf V 1.6i	5/05 →									
	Golf VI 1.6 SRE	11/07-12/08									
ENG. BSE, BSF	Golf Plus 1.6 SRE	5/07 →	1595 ccm	75 kW (102 PS)	81 / 4	IN	PVWG080	06B109601B	39,5x6,0x93,9	45	9
	Jetta 1.6i	8/05 →						06B109601D			
	Jetta 1.6 SRE	8/05 →						06B109601H			
	Maxi 1.6i	11/07-8/10						06B109611B			
	Passat 1.6i	5/05 →									
	Touran 1.6i	6/05 →									


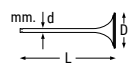




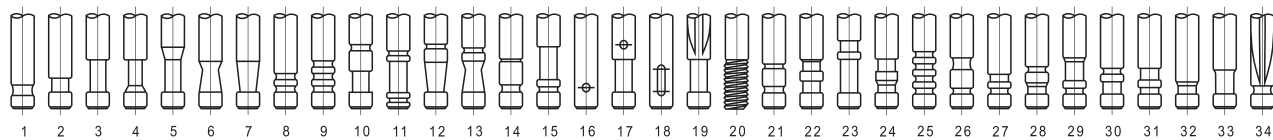
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. CMXA, CHGA	Golf VI 1.6 SRE/LPG Golf Plus 1.6 SRE/LPG	3/09 → 3/09 →	1595 ccm	75 kW (102 PS)	81 / 4						
ENG. AXW	Golf V 2.0 FSI 16V	10/03-7/05	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PVWG082	06D109601K	33,8x6,0x104,0	45	9
ENG. BLR, BLY	Touran 2.0 FSI 16V Golf V 2.0 FSI 16V Jetta 2.0 FSI 16V Passat 2.0 FSI 16V Touran 2.0 FSI 16V	10/03-5/04 5/04-7/07 8/05-11/05 3/05-11/05 5/04-11/05	1984 ccm	110 kW (150 PS)	82,5 / 4	EX	PVWG083	06E109601E 06E109601F 06D109611K 06D109611L	28,0x6,0x101,9	45	9
ENG. BLX, BVX	Golf V 2.0 FSI 16V Passat 2.0 FSI 16V	5/04-11/08 9/05 →	1984 ccm	110 kW (150 PS)	82,5 / 4						
ENG. BVY, BVZ	Touran 2.0 FSI 16V Eos 2.0 FSI 16V Golf V 2.0 FSI 16V Golf Plus 2.0 FSI 16V Jetta 2.0 FSI 16V Passat 2.0 FSI 16V Touran 2.0 FSI 16V	5/04-11/05 5/06-5/08 5/05-11/08 5/07-6/08 12/05-6/08 11/05 → 11/05-1/07	1984 ccm	110 kW (150 PS)	82,5 / 4						
ENG. ALD, ANV, AUC	Lupo 1.0i Polo 1.0i	5/99-7/05 10/99-9/01	999 ccm	37 kW (50 PS)	67,1 / 4	IN EX	PVWG092 PVWG093	030109601AK 030109611S	31,0x6,0x99,0 26,0x6,0x99,0	45 45	9 9
ENG. ATE ENG. AKP, AKK, ANW ENG. AUD	Golf 1.0 Polo 1.4i Caddy 1.4i Lupo 1.4i Polo 1.4i	10/99-9/01 9/00-6/03 9/00-7/05 10/99-9/01	999 ccm 1390 ccm 1390 ccm	37 kW (50 PS) 40-44 kW (54-60 PS) 44 kW (60 PS)	67,1 / 4 76,5 / 4 76,5 / 4	IN EX	PVWG094 PVWG036	030109601AL 030109611T 03D109611A 032109611L	33,5x6,0x99,2 28,0x6,0x99,2	45 45	9 9


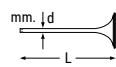




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
VOLKSWAGEN BENZYNA												
ENG. HA ENG. HB, FA, GG	Derby, Polo 0.9	9/75-12/81	895 ccm	29 kW (40 PS)	69,5 / 4	IN	PVWG107	052109601	31,5x8,0x104,0	45	1	
	Derby 1.1	2/77-7/83	1093 ccm	37 kW (50 PS)	69,5 / 4	EX	PVWG004	052109611	28,0x8,0x104,0	45	1	
	Golf I 1.1	4/74-7/83										
	Jetta I 1.1	8/78-2/84										
	Polo 1.1	3/75-9/89										
ENG. HC ENG. HH, HJ	Scirocco 1.1	4/74-7/79										
	Polo 1.1	3/75-9/81	1093 ccm	44 kW (60 PS)	69,5 / 4							
	Derby 1.3	2/77-7/83	1272 ccm	43-44 kW (58-60 PS)	75 / 4							
ENG. ADX	Polo 1.3i	12/76-7/83										
		9/94-4/97	1296 ccm	40 kW (54 PS)	76,5 / 4	IN EX	PVWG110 PVWG010	030109601AA 032109611G	32,0x7,0x94,5 29,0x7,0x95,0	45 45	9 9	
ENG. DG	Campmobil 1.9 Transporter T2 1.9	8/82-7/91	1915 ccm	57 kW (78 PS)	94 / 4	IN	PVWG115	025109601	39,8x8,0x122,3	45	9	
		8/82-7/92						025109601C	34,0x9,0x122,5			
ENG. DH	Campmobil 1.9 Transporter T2 1.9 Vanagon 1.9	1/83-7/85	1915 ccm	60 kW (82 PS)	94 / 4	EX	PVWG116	025109612A	34,0x9,0x122,5	45	9	
		1/83-7/85										
		1/83-7/85										
ENG. GW	Campmobil 1.9i Transporter T2 1.9i	8/83-7/85	1915 ccm	66 kW (90 PS)	94 / 4							
		8/83-7/85										
ENG. DJ	Campmobil 2.1i Transporter T2 2.1i	8/85-7/91	2095 ccm	82 kW (112 PS)	94 / 4							
		8/84-7/92										
ENG. MV	Campmobil 2.1i Transporter T2 2.1i Vanagon 2.1i	8/85-7/91	2095 ccm	70 kW (95 PS)	94 / 4							
		8/85-7/92										
		8/85-7/92										
ENG. SR, SS Polo 1.0 16V	Campmobil 2.1i Transporter T2 2.1i	8/86-7/91	2095 ccm	64-68 kW (87-92 PS)	94 / 4	IN EX	PVWG123 PVWG124		22,5x6,0x101,7 20,0x6,0x101,4	45 45	9 9	
		8/86-7/92										


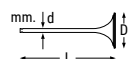




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
ENG. AAA	Corrado 2.8i VR6(USA)	8/91-7/95	2792 ccm	120-128 kW (163-174 PS)	81 / 6	IN	PVWG126	021109601E	39,0x7,0x106,0	45	9
	Gol 2.8i VR6	1/92-12/97						021109601H			
	Gol III/Vento VR6 2.8i							021109601J			
ENG. AES	California T4 2.8i VR6	1/96-5/00	2792 ccm	103 kW (140 PS)	81 / 6	EX	PVWG127	021109601K	34,3x7,0x107,0	45	9
	Passat 2.8i VR6	6/91-12/96						021109601L			
	Sharan 2.8i VR6	9/95-3/98						95WW6507AA			
ENG. AMY	EuroVan 2.8i	5/96-5/00	2792 ccm	128 kW (174 PS)	81 / 6	EX	PVWG127	1004128	34,3x7,0x107,0	45	9
	Transporter T4 2.8i VR6	1/96-5/00						1072283			
ENG. AGZ	Bora/Passat 2.3i 20V	9/97-2/01	2324 ccm	110 kW (150 PS)	81 / 5	EX	PVWG127	1031317	34,3x7,0x107,0	45	9
	Golf III 2.3i 20V	10/97-2/01						021109611D			
ENG. ABV	Corrado 2.9i VR6	08/91-7/95	2861 ccm	135-140 kW (184-190 PS)	82 / 6	EX	PVWG127	021109611F	34,3x7,0x107,0	45	9
	Golf III/Passat 2.9i VR6	10/94-12/97						021109611G			
ENG. AGL	LT 28/31/35/40/45/ /46/50/55	5/96-11/01	2295 ccm	105 kW (143 PS)	90,9 / 4	IN	PVWG129	95VW6505AA	35,0x7,0x101,5	45	1
								1031316			
								1004127			
								1040531201			
								1040531401			
ENG. CBZA	Caddy 1.2 TSI	9/10 →	1198 ccm	63 kW (85 PS)	71 / 4	EX	PVWG130	1110531101	31,0x7,0x103,5	45	1
								1110532101			
								1110532301			
								1110532401			
								1110530023			
ENG. CBZB	Golf VI 1.2 TSI	5/10-11/12	1198 ccm	77 kW (105 PS)	71 / 4	EX	PVWG131	1110501227	35,5x6,0x98,7	45	9
								1110501427			
								03F109601A			
ENG. CBZB	Golf Plus 1.2 TSI	5/10-5/11	1198 ccm	77 kW (105 PS)	71 / 4	EX	PVWG132	03F109611B	30,0x6,0x98,4	45	9
								03F109611C			
ENG. CBZB	Beetle 1.2 TSI	7/11 →	1198 ccm	77 kW (105 PS)	71 / 4	EX	PVWG132	03F109611C	30,0x6,0x98,4	45	9


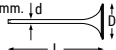




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
	Caddy/Caddy Maxi 1.2 TSI	9/10 →									
	Golf VI 1.2 TSI	8/09-11/12									
	Golf Plus 1.2 TSI	11/09 →									
	Jetta 1.2 TSI	01/11 →									
	Polo 1.2 TSI	10/09 →									
	Touran 1.2 TSI	5/10 →									
ENG. CBZC	Polo 1.2 TSI	5/11 →	1198 ccm	66 kW (90 PS)	71 / 4						
ENG. FA	Scirocco (53) 1.1	04/74 - 07/79	1093 ccm	37 kW (50 PS)	4	IN	PVWG108	036109601B	34,0x8,0x104,0	45	9
ENG. FY	Passat (32) 1.3	05/73 - 07/80				EX	PVWG109	052109611A	28,0x8,0x104,0	45	9
	Passat Variant (33) 1.3	05/73 - 07/80									
	Passat (32B) 1.3	08/80 - 07/83									
	Passat Variant (33B) 1.3	08/0 - 07/83									
ENG. FZ	Passat (32) 1.3	01/78 - 07/80	1272 ccm	44 kW (60 PS)	4						
	Passat (32B) 1.3	08/80 - 07/86									
	Passat Variant (33B)	08/80 - 07/86									
	Santana (32B) 1.3	08/81 - 07/83									
ENG. GF	Golf I (17) 1.3	08/79 - 07/83	1272 ccm	44 kW (60 PS)	4						
	Jetta I (16) 1.3	08/79 - 02/84									
	Scirocco (53) 1.3	08/79 - 07/80									
	Scirocco (53B) 1.3	08/80 - 12/83									
ENG. GG	Golf I (17) 1.1	04/74 - 07/83	1093 ccm	37 kW (50 PS)	4						
	Jetta I (16) 1.1	08/79 - 02/84									
ENG. HB	Derby (86) 1.1	02/77 - 09/81	1093 ccm	37 kW (50 PS)	4						
	Derby (86C, 80) 1.1	10/81 - 07/83									
	Polo (86) 1.1	03/75 - 09/81									


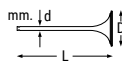




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN BENZYNA											
	Polo (86C, 80) 1.1	10/81 - 09/89				IN	PVWG108	036109601B	34,0x8,0x104,0	45	9
	Polo Coupe (86C, 80) 1.1	10/81 - 07/83				EX	PVWG109	052109611A	28,0x8,0x104,0	45	9
ENG. HC	Polo (86) 1.1	03/75 - 09/81	1093 ccm	44 kW (60 PS)	4						
ENG. HH	Derby (86) 1.3	02/77 - 09/81	1272 ccm	44 kW (60 PS)	4						
	Derby (86C, 80) 1.3	08/81 - 07/83									
	Polo (86) 1.3	12/76 - 09/81									
	Polo (86C, 80) 1.3	10/81 - 07/83									
	Polo Coupe (86C, 80) 1.3	10/81 - 07/83									


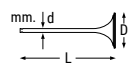




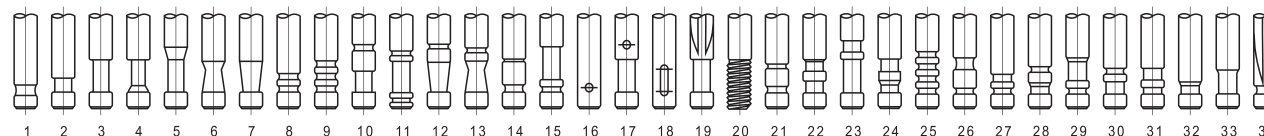
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. CK	Dasher 1.5 D (USA)	8/76-7/81	1471 ccm	37 kW (50 PS)	76,5 / 4	IN	PVWG012	068109601	34,0x8,0x104,9	45	1
	Golf I 1.5 D	8/76-7/80						068109611	31,2x8,0x104,6	45	1
	Passat 1.5 D	8/77-7/80						1257054			
	Rabbit 1.5 D	9/76-8/80						PVWG014	068109601C	34,0x8,0x104,9	45
ENG. CR	Dasher 1.6 D (USA)	3/81-7/82	1588 ccm	40 kW (54 PS)	76,5 / 4	EX	PVWG015	068109601D	31,2x8,0x104,6	45	9
	Golf I 1.6 D	8/80-7/82						068109611C			
	Jetta 1.6 D	8/80-2/84						068109611D			
	Passat 1.6 D	8/80-7/82						072109611			
	Pickup 1.6 D (USA)	3/81-7/82						1328089-6			
	Rabbit 1.6 D	3/81-7/82						1328148			
	Santana 1.6 D	8/81-7/82						1389262-5			
	Vanagon 1.6 D	81-82						9135927			
ENG. CS	Campmobil 1.6 D	1/81-7/87	1588 ccm	37 kW (50 PS)	76,5 / 4	IN	PVWG014	068109601C	34,0x8,0x104,9	45	9
	Quantum 1.6 D	1/81-7/87						068109601D			
	Rabbit 1.6 D	1/81-7/87									
	Transporter T2 1.6 D	1/81-7/87									
	Vanagon 1.6 D	8/81-7/84									
ENG. JX	Campmobil 1.6 TD	8/84-7/91	1588 ccm	51 kW (70 PS)	76,5 / 4	IN	PVWG014	068109601C	34,0x8,0x104,9	45	9
ENG. 1C	Iltis 1.6 TD	8/87-12/88	1588 ccm	51 kW (70 PS)	76,5 / 4	EX	PVWG015	068109611C	31,2x8,0x104,6	45	9
ENG. KY	Campmobil 1.7 D Transporter T2 1.7 D	8/84-7/91	1716 ccm	42 kW (57 PS)	76,5 / 4	EX	PVWG015	068109611D	31,2x8,0x104,6	45	9
		8/84-7/92						072109611			
								1328089-6			
								1328148			
								1389262-5			
								9135927			


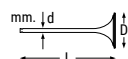




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. 682		ENG. 12/77-1/82	1471 ccm	33 kW (46 PS)	76,5 / 4	IN	PVWG014	068109601C	34,0x8,0x104,9	45	9
ENG. 685			1588 ccm	36 kW (48 PS)	76,5 / 4			068109601D			
ENG. CY	Golf I 1.6 TD Jetta 1.6 TD Passat 1.6 TD Quantum 1.6 TD Rabbit 1.6 TD Santana 1.6 TD	3/82-12/83 8/82-2/84 12/81-3/88 8/81-7/85 8/81-7/84 12/81-12/84	1588 ccm	51 kW (70 PS)	76,5 / 4	EX	PVWG015	068109611C 068109611D 072109611 1328089-6 1328148 1389262-5 9135927	31,2x8,0x104,6	45	9
ENG. JK	Caddy 1.6 D Golf I 1.6 D Jetta 1.6 D Passat 1.6 D Pickup 1.6 D (USA) Rabbit 1.6 D Santana 1.6 D Saveiro 1.6 D Vanagon 1.6 D	10/82-7/90 8/82-12/84 8/82-2/84 8/81-3/88 8/82-7/84 8/82-7/84 8/82-12/84 → 11/98 83-84	1588 ccm	40 kW (54 PS)	76,5 / 4	IN	PVWG016	068109601L 068109601M 068109601N	34,0x8,0x95,1	45	9
						EX	PVWG017	068109611L 068109611M	31,2x8,0x95,0	45	9
ENG. 68A, 68C		4/83-3/94	1588 ccm	45-50 kW (61-67 PS)	76,5 / 4						
ENG. JP	Golf 1.6 D Golf II 1.6 D Jetta 1.6 D	8/83-10/91 12/83-10/91	1588 ccm	40 kW (54 PS)	76,5 / 4						
ENG. JR	Golf 1.6 TD Golf II 1.6 TD Jetta 1.6 TD	8/83-10/91 12/83-10/91	1588 ccm	51 kW (70 PS)	76,5 / 4						
ENG. 686, 68D		ENG. 3/89-3/94	1588 ccm	36-45 kW (48-61 PS)	76,5 / 4						



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
VOLKSWAGEN DIESEL												
ENG. CR	Dasher 1.6 D (USA)	3/81-7/82	1588 ccm	40 kW (54 PS)	76,5 / 4	IN	PVWG016	068109601L	34,0x8,0x95,1	45	9	
	Golf I 1.6 D	8/80-7/82						068109601M				
	Jetta 1.6 D	8/80-2/84						068109601N				
	Passat 1.6 D	8/80-7/82						068109611L				
	Pickup 1.6 D (USA)	3/81-7/82						068109611M				
	Rabbit 1.6 D	3/81-7/82										
	Santana 1.6 D	8/81-7/82										
Vanagon 1.6 D	81-82											
ENG. ME, MF	Caddy 1.6 D	8/90-7/92	1588 ccm	40-51 kW (54-70 PS)	76,5 / 4							
	Golf 1.6 D											
	Golf II 1.6 D	5/88-7/92										
ENG. SB, RA, 1V	Jetta 1.6 D	5/88-7/92	1588 ccm	44-59 kW (60-80 PS)	76,5 / 4							
	Golf 1.6 TD											
ENG. CP	Golf II 1.6 TD	4/89-7/92	2383 ccm	55 kW (75 PS)	76,5 / 6	IN	PVWG018	069109601	36,0x8,0x104,9			
	Jetta 1.6 TD	4/89-7/92						1257053				
	Passat 1.6 TD	8/88-10/93										
ENG. DW	Campmobil 2.4 LT 28/31/35/40/50 D	8/83-7/89	2383 ccm	55 kW (75 PS)	76,5 / 6	IN	PVWG019	069109601C	36,0x8,0x104,9			
		12/82-7/92						069109601D				
								1328088-8				
								1328147				
								1389261-7				
								068109611				31,2x8,0x104,6
								1257054				
	PVWG013											
	PVWG015											
	068109611C	31,2x8,0x104,6										
	068109611D											
	072109611											
	1328089-6											
	1328148											
	1389262-5											
	9135927											


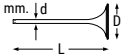



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. DW	Campmobil 2.4 LT 28/31/35/40/50 D	8/83-7/89 12/82-7/92	2383 ccm	55 kW (75 PS)	76,5 / 6	IN	PVWG019	069109601C 069109601D 1328088-8 1328147 1389261-7	36,0x8,0x104,9	45	9
ENG. DV	LT 28/31/35/ 40/45/50/55 TD	12/82-7/92	2383 ccm	75 kW (102 PS)	76,5 / 6						
ENG. 1G	Campmobil 2.4 LT 28/31/35/ 40/45/50/55 TD	8/88-7/92	2383 ccm	68 kW (92 PS)	76,5 / 6	IN	PVWG020	069109601F	36,0x8,0x95,1	45	9
		IN				PVWG096	069109601H	36,0x8,0x95,0	45	9	
		EX				PVWG015	068109611C 068109611D 072109611 1328089-6 1328148 1389262-5 9135927	31,2x8,0x104,6	45	9	
		EX				PVWG017	068109611L 068109611M	31,2x8,0x95,0	45	9	


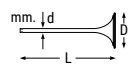




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. 1Y	Caddy 1.9 D	11/95-9/05	1896 ccm	47 kW (64 PS)	79,5 / 4	IN EX	PVWG020 PVWG067	069109601F 074109611	36,0x8,0x95,1 31,1x8,0x95,5	45 45	9 9
	Golf 1.9 D	6/02-7/06									
	Golf III 1.9 D	11/91-2/99									
	Parati 1.9 D	8/98-3/06									
	Passat 1.9 D	5/89-10/93									
	Polo 1.9 D	1/96-10/96									
	Polo Classic 1.9 D	5/96-9/05									
	Seveiro 1.9 D	6/02-3/06									
	Vento 1.9 D	1/92-12/97									
ENG. AEF	Caddy 1.9 D	6/96-12/00	1896 ccm	47 kW (64 PS)	79,5 / 4						
	Polo 1.9 D	10/94-7/01									
ENG. AEY, AGD	Caddy 1.9 SDI	11/95-9/00	1896 ccm	47 kW (64 PS)	79,5 / 4						
	Golf 1.9 SDI										
	Golf III 1.9 SDI	7/95-2/99									
	Polo 1.9 SDI	12/95-9/01									
ENG. AGP	Bora 1.9 SDI		1896 ccm	50 kW (68 PS)	79,5 / 4						
	Golf IV 1.9 SDI										
	Polo 1.9 SDI										
ENG. 1E	Campmobil 2.4	8/88-12/95	2383 ccm	70 kW (95 PS)	79,5 / 6						
	LT 28/31/35/40/45/50/55	8/88-12/95									
ENG. 1X	California T4 1.9 D	9/90-7/95	1896 ccm	44 kW (60 PS)	79,5 / 4						
	Transporter T4 1.9 D	9/90-12/95									
ENG. AAB, AJA	California T4 2.4 D	9/90-4/02	2370 ccm	55-57 kW (75-78 PS)	79,5 / 5						
	Caravelle 2.4 D	2/98-12/00									
	EuroVan 2.4 D	7/95-12/00									
	Transporter T4 2.4 D	9/90-6/03									


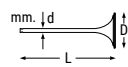




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. AFD		ENG. 4/94-1/02	1896 ccm	60 kW (82 PS)	79,5 / 4	IN	PVWG023	028109601D	36,0x7,0x96,85	45	9
ENG. AHH	Passat 1.9 TDI	5/98-8/00	1896 ccm	66 kW (90 PS)	79,5 / 4			028109601K			
ENG. ALE	Caddy 1.9 TDI	9/97-9/00	1896 ccm	66 kW (90 PS)	79,5 / 4	EX	PVWG024	1079769	31,5x7,0x96,8	45	9
	Golf 1.9 TDI							028109611G			
	Golf III 1.9 TDI	5/96-12/01						1049788			
	Vento 1.9 TDI	4/97-12/97									
ENG. AGR	Bora 1.9 TDI	10/98-5/05	1896 ccm	66 kW (90 PS)	79,5 / 4						
	Golf 1.9 TDI										
	Golf IV 1.9 TDI	10/99 →									
	Polo 1.9 TDI	10/99-9/01									
ENG. ALH	Polo Classic 1.9 TDI	3/99-9/05	1896 ccm	66 kW (90 PS)	79,5 / 4						
	Bora 1.9 TDI	9/98-5/05									
	Caddy 1.9 TDI	9/00-6/03									
	Golf IV 1.9 TDI	10/97-5/06									
	Jetta 1.9 TDI	11/98 →									
ENG. AVG	New Beetle 1.9 TDI	1/98-7/05	1896 ccm	81 kW (110 PS)	79,5 / 4						
	Polo 1.9 TDI	10/99-9/01									
	Golf IV 1.9 TDI	8/99-10/00									
ENG. ASV, AHF	Passat 1.9 TDI	8/99-8/00	1896 ccm	81 kW (110 PS)	79,5 / 4						
	Sharan 1.9 TDI	8/99-2/00									
	Bora 1.9 TDI	9/98-5/05									
ENG. AVM	Golf IV 1.9 TDI	10/97-6/06	1896 ccm	63 kW (86 PS)	79,5 / 4						
	Polo 1.9 TDI	10/99-9/01									
		ENG. 11/00 →									
ENG. BEU		ENG. 11/02 →	1896 ccm	43 kW (58 PS)	79,5 / 4						
ENG. BJC		ENG. 11/03 →	1896 ccm	50 kW (68 PS)	79,5 / 4						


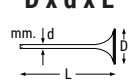




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. AFN	Golf III 1.9 TDI	2/96-8/99	1896 ccm	81 kW (110 PS)	79,5 / 4	IN	PVWG023	028109601D	36,0x7,0x96,85	45	9
	Passat 1.9 TDI	3/96-8/99						028109601K			
	Polo 1.9 TDI	6/98-8/99						1079769			
	Sharan 1.9 TDI	12/96-7/99						028109601A			
	Vento 1.9 TDI	2/96-12/97						028109601H			
ENG. 1Z	Caddy 1.9 TDI	10/96-3/97	1896 ccm	66 kW (90 PS)	79,5 / 4	IN	PVWG027	046109601G	36,0x8,0x96,8	45	9
	Golf III 1.9 TDI	7/93-7/96						046109601H			
	Passat 1.9 TDI	10/93-12/96						046109601J			
	Sharan 1.9 TDI	9/95-7/96						049109601J			
	Vento 1.9 TDI	7/93-7/96						1669766			
ENG. AHU	Caddy 1.9 TDI	10/96-9/00	1896 ccm	66 kW (90 PS)	79,5 / 4	EX	PVWG024	9186565	31,5x7,0x96,8	45	9
	Golf III 1.9 TDI	7/96-6/00						028109611G			
	Jetta 1.9 TDI	8/96 →						1049788			
	Passat 1.9 TDI	8/96-8/00						046109611C			
	Polo 1.9 TDI	1/97-8/00						046109611E			
	Sharan 1.9 TDI	8/96-2/00						046109611F			
	Vento 1.9 TDI	8/96-12/97						1669772			
							9186566				



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. ACV, AUF, AXL, AYC	California T4 2.5 TDI Transporter T4 2.5 TDI	1/96-9/03 9/95-6/03	2461 ccm	75 kW (102 PS)	81 / 5	IN	PVWG027	028109601A 028109601H 046109601G 046109601H 046109601J 049109601J	36,0x8,0x96,9	45	9
ENG. AGX	LT 28/35 SDI	5/96-4/01	2461 ccm	55 kW (75 PS)	81 / 5	EX	PVWG028	1669766 9186565 046109611C 046109611E 046109611F 1669772 9186566	31,5x8,0x96,9	45	9
ENG. AHD, ANJ, AVR	LT 28/35/46 TDI	5/96-7/06	2461 ccm	75-80 kW (102-109 PS)	81 / 5						
ENG. AHY, AXG	California T4 2.5 TDI Transporter T4 2.5 TDI	7/99-9/03 5/98-6/03	2461 ccm	111 kW (151 PS)	81 / 5						
ENG. AJT, AYY	California T4 2.5 TDI Transporter T4 2.5 TDI	5/98-9/03 5/98-6/03	2461 ccm	65 kW (88 PS)	81 / 5						
ENG. APA, BBE, BBF	LT 28/35/46 TDI	5/99-7/06	2461 ccm	61-70 kW (83-95 PS)	81 / 5						
ENG. ANF		2/02 →	2461 ccm	55 kW (75 PS)	81 / 5						
ENG. ANG		2/02 →	2461 ccm	88 kW (120 PS)	81 / 5						
ENG. ANH		2/02 →	2461 ccm	111 kW (150 PS)	81 / 5						
ENG. BBR		1/03 →	2461 ccm	80 kW (109 PS)	81 / 5						
ENG. BCT		2/02 →	2461 ccm	40 kW (55 PS)	81 / 5						
ENG. BCU		2/02 →	2461 ccm	74 kW (101 PS)	81 / 5						
ENG. BCV		2/02 →	2461 ccm	108 kW (147 PS)	81 / 5						
ENG. BTW		4/05 →	2460 ccm	121 kW (165 PS)	81 / 5						
ENG. BJJ, CEBA	Crafter 2.5 TDI LT 28/35/46 TDI	4/06 → 4/06 →	2461 ccm	65 kW (88 PS)	81 / 5						
ENG. BJK, CEBB	Crafter 2.5 TDI LT 28/35/46 TDI	4/06 → 4/06 →	2459 ccm	80 kW (109 PS)	81 / 5						
ENG. BJL, CECA	Crafter 2.5 TDI LT 28/35/46 TDI	4/06 → 4/06 →	2459-2461 ccm	100 kW (136 PS)	81 / 5						
ENG. BJM, CECB	Crafter 2.5 TDI LT 28/35/46 TDI	4/06 → 4/06 →	2459-2461 ccm	120 kW (163 PS)	81 / 5						

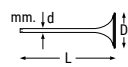




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 				
VOLKSWAGEN DIESEL															
ENG. 1Y	Caddy 1.9 D	11/95-9/05	1896 ccm	47 kW (64 PS)		IN	PVWG033	028109601B	36,0x7,0x95,5	45	9				
	Golf 1.9 D	6/02-7/06					PVWG119	028109601C	35,9x7,0x95,6	45	9				
	Golf III 1.9 D	11/91-2/99					EX	PVWG034	028109611B	31,5x7,0x95,6	45	9			
	Parati 1.9 D	8/98-3/06													
	Passat 1.9 D	5/89-10/93													
	Polo 1.9 D	1/96-10/96													
	Polo Classic 1.9 D	5/96-9/05													
	Seveiro 1.9 D	6/02-3/06													
Vento 1.9 D	1/92-12/97						028109611E								
ENG. AAZ	Golf 1.9 TD	6/98-5/02	1896 ccm	55 kW (75 PS)											
	Golf III 1.9 TD	11/91-2/99													
	Jetta 1.9 TD	8/92-12/98													
	Passat 1.9 TD	3/91-12/96													
Vento 1.9 TD	3/91-12/97														
ENG. ABL	California T4 1.9 TD	8/92-4/02	1896 ccm	50 kW (68 PS)											
	Golf 1.9 TD														
	Transporter T4 1.9 TD	10/92-6/03													
ENG. ADE		4/94-1/02	1896 ccm	55 kW (75 PS)											
ENG. ADG		4/94 →	1896 ccm	48 kW (65 PS)											
ENG. AEF		6/96-12/00	1896 ccm	47 kW (64 PS)											
ENG. BGG	Parati 1.9 D	6/02-3/06	1896 ccm	47 kW (64 PS)											
	Seveiro 1.9 D	6/02-3/06													
ENG. AFB, AKN	Passat 2.5 TDI	8/98-5/03	2496 ccm	110 kW (150 PS)	78,3 / 6	IN	PVWG043	059109601C	27,0x6,0x100,5	45	9				
						EX	PVWG044	059109601B 059109611C 059109611B	24,0x6,0x100,5	45	9				


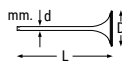




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
VOLKSWAGEN DIESEL											
ENG. AEF	Caddy 1.9 D Polo 1.9 D	6/96-12/00 6/96-12/00	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PVWG043	059109601C 059109601B	27,0x6,0x100,5	45	9
ENG. AHB, AHG, AKW	Caddy 1.7 SDI Polo 1.7 SDI	7/96-9/00 4/97-12/99	1716 ccm	42 kW (57 PS)	79,5 / 4	EX	PVWG044	059109611C 059109611B	24,0x6,0x100,5	45	9
ENG. AKU	Lupo 1.7 SDI Polo 1.7 SDI	10/98-7/05 8/97-4/00	1716 ccm	44 kW (60 PS)	79,5 / 4						
ENG. AQM, ASX	Golf IV 1.9 SDI Jetta 1.9 SDI Polo 1.9 SDI	11/98-6/06 2/02 → 10/99-9/01	1896 ccm	47-50 kW (64-68 PS)	79,5 / 4						
ENG. ASY, AYQ	Caddy 1,9 SDI Fox 1.9 SDI Polo 1.9 SDI Polo Sedan 1.9 SDI Spacefox 1.9 SDI Sportvan 1.9 SDI Suran 1.9 SDI	9/00-6/03 12/07 → 11/01 → 11/02 → 9/07 → 9/07 → 9/07 →	1896 ccm	47 kW (64 PS)	79,5 / 4						
ENG. ARD, ANC		1/02 →	1896 ccm	44 kW (60 PS)	79,5 / 4						
ENG. BEQ		2/02 →	1896 ccm	33 kW (45 PS)	79,5 / 4						
ENG. BGL		2/03 →	1896 ccm	37 kW (50 PS)	79,5 / 4						
ENG. BGM		2/03 →	1896 ccm	29 kW (40 PS)	79,5 / 4						
ENG. CDXA, CDXB		10/07 →	1896 ccm	29 kW (40 PS)	79,5 / 4						
ENG. BXT		5/06 →	1896 ccm	30 kW (41 PS)	79,5 / 4						
ENG. AEY, AGD	Caddy 1.9 SDI Golf 1.9 SDI Golf III 1.9 SDI Polo 1.9 SDI Vento 1.9 SDI	11/95-9/00 7/95-2/99 12/95-9/01 10/07 →	1896 ccm	47 kW (64 PS)	79,5 / 4						
ENG. AGP	Bora 1.9 SDI Golf IV 1.9 SDI Polo 1.9 SDI	5/99-4/01 10/97-4/01 10/99-9/01	1896 ccm	50 kW (68 PS)	79,5 / 4						


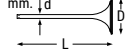




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. MN	Polo 1.3D	8/85-7/90	1272 ccm	33 kW (45 PS)	75 / 4	IN	PVWG053	030109601	34,0x8,0x99,1	45	9
ENG. 1W	Polo 1.4D	10/90-7/94	1398 ccm	35 kW (48 PS)	75 / 4	EX	PVWG006	030109611A	28,9x8,0x99,1	45	9
ENG. AJM	Bora 1.9 TDI	11/98-7/01	1896 ccm	85 kW (115 PS)	79,5 / 4	IN	PVWG065	038109601B	35,9x7,0x89,9	45	9
	Golf IV 1.9 TDI	5/99-10/01						1100679			
ENG. AXC Euro 3	California T5 1.9 TDI Transporter T5 1.9 TDI	1/99-12/99	1896 ccm	63 kW (85 PS)	79,5 / 4	EX	PVWG066	038109611B	31,5x7,0x90,0	45	9
		4/03						038109611F 1100678			
ENG. ANU	Sharan 1.9 TDI	3/99 →	1896 ccm	66 kW (90 PS)	79,5 / 4						
ENG. AMF	Lupo 1.4 TDI	5/99-7/05	1422 ccm	55 kW (75 PS)	79,5 / 3						
	Polo 1.4 TDI	10/99-5/05									
	Polo Sdean 1.4 TDI	6/03-7/06									
ENG. ATJ	Passat 1.9 TDI	1/00-8/00	1896 ccm	85 kW (116 PS)	79,5 / 4						
ENG. ATD	Bora 1.9 TDI	5/00-5/06	1896 ccm	74 kW (101 PS)	79,5 / 4						
	Golf IV 1.9 TDI	2/00-6/06									
	New Beetle 1.9 TDI	3/00 →									
	Polo 1.9 TDI	11/01 →									
	Polocross 1.9 TDI	11/05 →									
ENG. AUJ	Bora 1.9 TDI	5/00-7/01	1896 ccm	85 kW (116 PS)	79,5 / 4						
	Golf IV 1.9 TDI	1/00-10/01									
	Sharan 1.9 TDI	4/00 →									
ENG. AVB	Passat 1.9 TDI	2/00-5/05	1896 ccm	74 kW (101 PS)	79,5 / 4						
ENG. AXB Euro 3	California T5 1.9 TDI Transporter T5 1.9 TDI	5/07-11/09	1896 ccm	77 kW (105 PS)	79,5 / 4						
		4/03 →									
ENG. ARL	Bora 1.9 TDI	9/00-5/05	1896 ccm	110 kW (150 PS)	79,5 / 4						
	Golf IV 1. TDI	9/00-6/06									


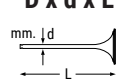




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. ASZ	Bora 1.9 TDI	4/01-5/05	1896 ccm	96 kW (130 PS)	79,5 / 4	IN	PVWG065	038109601B	35,9x7,0x89,9	45	9
	Golf IV 1.9 TDI	4/01-6/06						1100679			
	Polo 1.9 TDI	11/03-5/08	1896 ccm	96 kW (130 PS)	79,5 / 4	EX	PVWG066	038109611B	31,5x7,0x90,0	45	9
	Sharan 1.9 TDI	11/02 →						038109611F			
ENG. AVF, AWX	Bora 1.9 TDI	4/97-12/97	1896 ccm	96 kW (130 PS)	79,5 / 4			038109611B			
	Passat 1.9 TDI	10/00-5/05						1100678			
ENG. BLT	Polo 1.9 TDI	5/04 →	1896 ccm	96 kW (130 PS)	79,5 / 4						
ENG. BTB	Sharan 1.9 TDI	1/05-5/07	1896 ccm	110 kW (150 PS)	79,5 / 4						
ENG. BVK	Sharan 1.9 TDI	11/05 →	1896 ccm	85 kW (116 PS)	79,5 / 4						
ENG. AYH	Touareg 5.0 TDI	11/02-11/05	4921 ccm	230 kW (310 PS)	81 / 10						
ENG. AJS	Phaeton 5.0 TDI	12/02-10/06	4921 ccm	230 kW (310 PS)	81 / 10						
ENG. AXD Euro 3	California T5 2.5 TDI	5/07-11/09	2460 ccm	96 kW (130 PS)	81 / 5						
	Transporter T5 2.5 TDI	4/03 →									
ENG. BAC	Touareg 2.5 TDI	1/03-11/06	2461 ccm	128 kW (174 PS)	81 / 5						
ENG. BLJ	California T5 2.5 TDI	5/07-11/09	2461 ccm	120 kW (163 PS)	81 / 5						
	Transporter T5 2.5 TDI	11/03-11/09									
ENG. BLK	Touareg 2.5 TDI	7/03-11/06	2460 ccm	120 kW (163 PS)	81 / 5						
ENG. AXE Euro 3	California T5 2.5 TDI	5/07-11/09	2460 ccm	128 kW (174 PS)	81 / 5						
	Transporter T5 2.5 TDI	4/03 →									
ENG. 2L	Taro 2.4 D	89 →	2466 ccm	53-62 kW (72-85 PS)	92 / 4	IN	PVWG068	13711-17010	42,5x8,0x103,5	45	1
						EX	PVWG069	13711-54020 13715-17010 13715-54040			

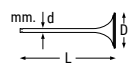




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. AZV, BKD	Golf V 2.0 TDI 16V	10/03 →	1968 ccm	100-103 kW (136-140 PS)	81 / 4	IN	PVWG084	03G109601A	29,4x6,0x88,5	45	9
	Golf Plus 2.0 TDI 16V	5/07 →					PVWG085	03G109611B	25,5x6,0x88,2	45	9
	Jetta 2.0 TDI 16V	8/05-6/08					PVWG086	03G109601B	29,2x6,0x87,8	45	9
	Touran 2.0 TDI 16V	2/03 →						MN980080			
	Vento 2.0 TDI 16V	2/06 →						68001582AA			
ENG. BKP, BMA	Passat 2.0 TDI 16V	3/05-5/09	1968 ccm	100-103 kW (136-140 PS)	81 / 4	EX	PVWG087	03G109611D	25,5x6,0x87,5	45	9
ENG. BMV, BVE	Passat 2.0 TDI 16V	3/05-5/07	1968 ccm	88-90 kW (120-122 PS)	81 / 4	EX	PVWG087	MN980081	25,5x6,0x87,5	45	9
ENG. BMR	Passat 2.0 TDI 16V	2/06 →	1968 ccm	125 kW (170 PS)	81 / 4			68001583AA			
ENG. BUZ	Passat 2.0 TDI 16V	10/05 →	1968 ccm	120 kW (163 PS)	81 / 4						
ENG. BMN	Golf V 2.0 TDI 16V	1/03-5/05	1968 ccm	125 kW (170 PS)	81 / 4						
	Jetta 2.0 TDI 16V	5/03-5/05									
	Touran 2.0 TDI 16V	12/05 →									
ENG. BAU, BDH ENG. BDG	Passat 2.5 TDI 24V	1/03-5/05	2496 ccm	132 kW (179PS)	78,3 / 6	IN	PVWG088	059109601F	27,1x6,0x100,5	45	9
	Passat 2.5 TDI 24V	5/03-5/05	2496 ccm	120 kW (163 PS)	78,3 / 6	EX	PVWG089	059109611G	24,1x6,0x100,5	45	9
ENG. Perkins 4.165	Transporter LT 28D/31D/35D	75 →	2710 ccm	48 kW (65 PS)	92 / 4	IN	PVWG090	31431491	40,5x7,9x114,6	30	1
							EX	PVWG091			


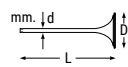




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 						
VOLKSWAGEN DIESEL																	
ENG. AAZ	Golf 1.9 TD	6/98-5/02	1896 ccm	55 kW (75 PS)	79,5 / 4	IN	PVWG096	069109601H	36,0x8,0x95,0	45	9						
	Golf III 1.9 TD	11/91-2/99										EX	PVWG067	074109611	31,1x8,0x95,5	45	9
	Jetta 1.9 TD	8/92-12/98															
	Passat 1.9 TD	3/91-12/96															
	Vento 1.9 TD	3/91-12/97															
ENG. ABL	California T4 1.9 TD	8/92-4/02	1896 ccm	50 kW (68 PS)	79,5 / 4												
	Golf 1.9 TD Transporter T4 1.9 TD	10/92-6/03															
ENG. ADE		ENG. 4/94-1/02	1896 ccm	55 kW (75 PS)	79,5 / 4												
ENG. AGK	LT 28/35/46 TDI	7/97-12/98	2798 ccm	92 kW (125 PS)	93 / 4	IN	PVWG120	062109601	33,0x7,0x105,0	30	9						
ENG. ATA	LT 28/35/46 TDI	1/99-1/02	2798 ccm	96 kW (130 PS)	93 / 4	EX	PVWG121	062109611A	40,0x7,0x105,0	45	9						
ENG. AUH, BCQ	LT 28/35/46 TDI	2/02-7/06	2798 ccm	116 kW (158-160 PS)	93 / 4												
ENG. CAYA ENG. CAYB	Polo (6R1, 6C1) 1.6 TDI	06/09 →	1598 ccm	55 kW (75 PS)	4	IN	PVWG133	03L109601A	26,5x6,0x99,3	45	9						
	Golf VI (5K1) 1.6 TDI	02/09 - 11/12	1598 ccm	66 kW (90 PS)	4	EX	PVWG134	03L109611A	24,5x6,0x99,1	45	9						
	Golf VI Variant (AJ5) 1.6 TDI	12/09 - 07/13															
	Golf PLUS (5M1, 521) 1.6 TDI	02/09 - 12/13															
	Jetta III (1K2) 1.6 TDI	12/09 - 10/10															
	Polo (6R1, 6C1) 1.6 TDI	06/09 →															
	Touran (1T3) 1.6 TDI	05/10 - 05/15															

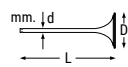




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
VOLKSWAGEN DIESEL													
ENG. CAYC	Beetle (5C1, 5C2) 1.6 TDI	10/11 - 07/16	1598 ccm	77 kW (105 PS)	4	IN	PVWG133	03L109601A	26,5x6,0x99,3	45	9		
	Beetle Convertible (5C7, 5C8) 1.6 TDI	12/11 - 07/16						EX	PVWG134	03L109611A	24,5x6,0x99,1	45	9
	Golf VI (5K1) 1.6 TDI	02/09 - 11/12											
	Golf VI Variant (AJ5) 1.6 TDI	07/09 - 07/13											
	Golf VI Variant (AJ5) 1.6 TDI 4motion	07/09 - 07/13											
	Golf VI Convertible (517) 1.6 TDI	03/11 - 05/16											
	Golf Plus (5M1, 521) 1.6 TDI	03/09 - 12/13											
	Jetta III (1K2) 1.6 TDI	06/09 - 10/10											
	Jetta IV (162, 163, AV3, AV2) 1.6 TDI	04/10 - 07/14											
	Passat (3C2) 1.6 TDI	08/09 - 07/10											
	Passat Variant (3C5) 1.6 TDI	08/09 - 11/10											
	Passat (362) 1.6 TDI	08/10 - 12/14											
	Passat Variant (365) 1.6 TDI	08/10 - 12/14											
	Touran (1T3) 1.6 TDI	05/10 - 05/15											
ENG. CAYD	Caddy III Estate (2KB, 2KJ, 2CB, 2CJ) 1.6 TDI	08/10 - 05/15	1598 ccm	75 kW (102 PS)	4								
	Caddy III Box (2KA, 2KH, 2CA, 2CH) 1.6 TDI	08/10 - 05/15											
	Caddy IV Estate (SAB, SAJ) 1.6 TDI	05/15 →											
	Caddy IV Box (SAA, SAH) 1.6 TDI	05/15 →											


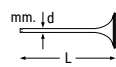




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer Amp 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 				
VOLKSWAGEN DIESEL															
ENG. CAAA	Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TDI	09/09 - 08/15	1968 ccm	62 kW (84 PS)	4	IN	PVWG135	03L109601 04L109601B	28,2x6,0x99,3	45	9				
	Transporter V Autobus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7E) 2.0 TDI	09/09 - 08/15					EX	PVWG136				03L109611 04L109611B	26,0x6,0x99,1	45	9
		Transporter V Furgon (7HA, 7HH, 7EA, 7EH) 2.0 TDI													
	Transporter V platforma / podwozie (7JD, 7JE, 7JL, 7JY, 7JZ) 2.0 TDI	09/09 - 08/15													
	Transporter VI Autobus (SGB, SGG, SGJ) 2.0 TDI	04/15 →													
	Transporter VI Furgon (SGA, SGH) 2.0 TDI	04/15 - 06/16													
	Transporter VI platforma / podwozie (SFD, SFE, SFL, SFZ) 2.0 TDI	04/15 - 06/16													
ENG. CAAB	Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TDI	09/09 - 08/15	1968 ccm	75 kW (102 PS)	4										
	Transporter V Autobus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7E) 2.0 TDI	09/09 - 08/15													

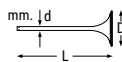




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
VOLKSWAGEN DIESEL													
ENG. CFHF	Caddy III kombi (2KB, 2KJ, 2CB, 2CJ) 2.0 TDI 4motion	08/10 - 05/15	1968 ccm	81 kW (110 PS)	4	IN	PVWG135	03L109601	28,2x6,0x99,3	45	9		
								04L109601B					
	Caddy III Furgon (2KA, 2KH, 2CA, 2CH) 2.0 TDI 4motion	08/10 - 05/15						EX	PVWG136	03L109611	26,0x6,0x99,1	45	9
										04L109611B			
	Caddy IV kombi (SAB, SAJ) 2.0 TDI 4motion	05/15 - 05/16											
	Caddy IV Furgon (SAA, SAH) 2.0 TDI 4motion	05/15 - 05/16											
	Touran (1T3) 2.0 TDI	11/10 - 05/15											
ENG. CFJA	Caddy III kombi (2KB, 2KJ, 2CB, 2CJ) 2.0 TDI	05/12 - 05/15	1968 ccm	125 kW (170 PS)	4	IN	PVWG135						
	Caddy III Furgon (2KA, 2KH, 2CA, 2CH) 2.0 TDI	05/12 - 05/15											
	Touran (1T3) 2.0 TD	05/10 - 01/13											
ENG. CFJB	Touran (1T3) 2.0 TDI	01/13 - 05/15	1968 ccm	130 kW (177 PS)	4	EX	PVWG138						
ENG. AMF	Polo (6N2) 1.4 TDI	10/99 - 09/01	1422 ccm	55 kW (75 PS)	3	IN	PVWG137	038109601E	36,0x7,0x89,5	45	9		
ENG. AVQ	Lupo (6X1, 6E1) 1.4 TDI	01/99 - 07/05	1896 ccm	74 kW (100 PS)	4	EX	PVWG138	038109611E	31,5x7,0x89,0	45	9		
ENG. AXR	Touran (1T1, 1T2) 1.9 TDI	02/03 - 05/04	1896 ccm	74 kW (100 PS)	4	IN	PVWG137						
	Bora (1J2) 1.9 TDI	09/00 - 05/05											
	Bora Variant (1J6) 1.9 TDI	09/00 - 05/05											
	Golf IV (1J1) 1.9 TDI	09/00 - 06/05											
	Golf IV Variant (1J5) 1.9 TDI	09/00 - 06/06											
	NEW BEETLE kabriolet (1Y7) 1.9 TDI	06/03 - 09/10											


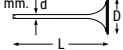




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLKSWAGEN DIESEL											
ENG. BAY	Polo (9N_) 1.4 TDI	10/01 - 06/05	1422 ccm	55 kW (75 PS)	3	IN	PVWG137	038109601E	36,0x7,0x89,5	45	9
ENG. BDK	Golf V (1K1) 2.0 SDI	01/04 - 11/08	1968 ccm	55 kW (75 PS)	4	EX	PVWG138	038109611E	31,5x7,0x89,0	45	9
ENG. BGW	Passat (3B3) 2.0 TDI	12/03 - 05/05	1968 ccm	100 kW (136 PS)	4						
ENG. BHW	Passat Variant (3B6) 2.0 TDI	12/03 - 05/05	1968 ccm	100 kW (136 PS)	4	EX	PVWG138	038109611E	31,5x7,0x89,0	45	9
	Passat (3B3) 2.0 TDI	12/03 - 05/05	1968 ccm	100 kW (136 PS)	4						
ENG. BJB	Caddy III kombi (2KB, 2KJ, 2CB, 2CJ) 1.9 TDI	04/04 - 08/10	1896 ccm	77 kW (105 PS)	4	EX	PVWG138	038109611E	31,5x7,0x89,0	45	9
	Caddy III Furgon (2KA, 2KH, 2CA, 2CH) 1.9 TDI	04/04 - 08/10	1896 ccm	77 kW (105 PS)	4						
ENG. BKC	Golf V (1K1) 1.9 TDI	10/03 - 11/08	1896 ccm	77 kW (105 PS)	4	EX	PVWG138	038109611E	31,5x7,0x89,0	45	9
	Passat (3C2) 1.9 TDI	03/05 - 07/10									
	Passat Variant (3C5) 1.9 TDI	08/05 - 11/10									
	Touran (1T1, 1T2) 1.9 TDI	08/03 - 05/10									
	Golf V (1K1) 1.9 TDI 4motion	08/04 - 11/08									
	Golf Plus (5M1, 521) 1.9 TDI	01/05 - 01/09									
	Jetta III (1K2) 1.9 TDI	08/05 - 10/10									
ENG. BLE	Touareg (7LA, 7L6, 7L7) 5.0 V10 TDI	10/02 - 05/10	4921 ccm	230 kW (313 PS)	10	EX	PVWG138	038109611E	31,5x7,0x89,0	45	9
ENG. BLS	Caddy III kombi (2KB, 2KJ, 2CB, 2CJ) 1.9 TDI 4motion	05/08 - 08/10	1896 ccm	77 kW (105 PS)	4	EX	PVWG138	038109611E	31,5x7,0x89,0	45	9



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO BENZYNA											
ENG. B 10 E	66 DL/L	75-81	1108 ccm	33 kW (45 PS)	70 / 4	IN	PVOL001	7701458180	33,4x7,0x89,9	45	1
ENG. B 13 E	66 DL/GL/Sedan/ Kombi	75-81	1289 ccm	42 kW (57 PS)	73 / 4			7701458186 3104401-9 5613194			
	343 DL/GL/L	76 →	1397 ccm	52 kW (70 PS)	76 / 4						
ENG. B 14 OE	345 DL/GL/L	76 →	1397 ccm	52 kW (70 PS)	70 / 4	EX	PVOL002	7701458190 7700505115 7700560792 7701460256 3100519-2 560792E	30,2x7,0x88,9	45	8
ENG. B 18 E	480 1.7	4/86-8/89	1721 ccm	70-80 kW (95-109 PS)	81 / 4	IN	PVOL003	7701463081	38,1x8,0x111,5	30	1
ENG. B 18 EP, B 18 F	440 1.7	8/88-8/91	1721 ccm	70-80 kW (95-109 PS)	81 / 4			7700713788 3342278-3			
	460 1.7	4/86-8/97				IN	PVOL097	7701465172	30,7x7,0x107,5	45	1
	480 1.7	5/87-7/90									
ENG. B 18 FT	440 1.7i Turbo	9/88-7/96	1721 ccm	88-90 kW (120-122 PS)	81 / 4	EX	PVOL004	7701463082	32,5x8,0x111,3	45	1
	460 1.7i Turbo	3/90-9/96						7701463944 7700713790			
	480 1.7i Turbo	8/88-8/95									
ENG. B 172 K, F3N 718	340 1.7	8/85-7/91	1721 ccm	59 kW (80 PS)	81 / 4			7701463510			
	360 1.7	8/85-7/91						3343738-5 3342399-7			
ENG. B 18 U	440 1.8i	9/91-8/97	1721 ccm	53-55 kW (73-75 PS)	81 / 4						
	460 1.8i	9/91-8/97									


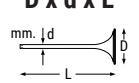




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO BENZYNA											
ENG. B 10 E	66 1.1	8/75-8/78	1108 ccm	33-35 kW (45-47 PS)	70 / 4	IN	PVOL001	7701458180	33,4x7,0x89,9	45	1
ENG. B 13 E	66 1.3	8/75-8/78	1289 ccm	42 kW (57 PS)	73 / 4			7701458186			
ENG. B 14	340 1.4	8/79-7/91	1397 ccm	47-53 kW (64-72 PS)	76 / 4			3104401-9			
ENG. B 14 OE	343 1.4 345 1.4	8/76-7/79 2/76-7/79	1397 ccm	47-53 kW (64-72 PS)	76 / 4	EX	PVOL029	7700638247 7701460690 7701461802 7701461214 3267437-6 3277694-7 3277695-7 3277813-6	29,0x7,0x88,9	45	8
ENG. B18U	440/460 1.8i	91-96	1794 ccm	66 kW (90 PS)	82,7 / 4	IN	PVOL025	7701466606	40,2x8,0x107,0	45	1
ENG. B 20 F 208	440/460/480 2.0	9/92-12/96	1998 ccm	80 kW (109 PS)	82,7 / 4	EX	PVOL026	3344841-6 3344841 855926 7701466607 3344842-4 3344842 855927	32,6x8,0x107,0	45	1


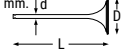




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO BENZYNA											
ENG. B 4184 SJ, B 4184 SM	V40 1.8i 16V S40 1.8i 16V	8/97-4/04 9/97-1/04	1834 ccm	90-92 kW (122-125 PS)	81 / 4	IN	PVOL027	7438610007 1397641-0	31,0x7,0x104,0	45	9
ENG. B 4194 T, B 4194 T2	V40 1.9i Turbo 16V S40 1.9i Turbo 16V	5/97-7/00 5/97-7/00	1855 ccm	147 kW (200 PS)	81 / 4	EX	PVOL028	7438610008 1366882-7 1366490 9471466	27,0x7,0x103,2	45	9
ENG. B 5204 S	S70 2.0i 20V V40 2.0i 20V V70 2.0i 20V 850 2.0i 20V S40 2.0i 20V	1/97-7/98 1/96 → 1/97-3/00 9/91-12/96 1/96 →	1984 ccm	105 kW (143 PS)	81 / 5						
ENG. B 5204 T, B 5204 T2, B 5204 T3, B 5204 T4	S70 2.0i Turbo 20V S80 2.0i Turbo 20V V70 2.0i Turbo 20V V70 II 2.0i Turbo 20V 850 2.0i Turbo 20V C70 2.0i Turbo 20V	1/97-7/00 8/98-7/00 1/97-7/00 3/00 → 1/95-8/97 1/97-7/02	1984 ccm	120-166 kW (163-226 PS)	81 / 5						
ENG. B 5204 T5	S80 2.0i Turbo 20V V70 II 2.0i Turbo 20V C70 2.0i Turbo 20V S60 2.0i Turbo 20V	8/98 → 3/00 → 8/99-8/02 11/00 →	1984 ccm	129-132 kW (175-180 PS)	81 / 5						
ENG. B 5234 S	S70 2.3i V70 2.3i 850 2.3i	1/97-7/99 9/93-8/96	2319 ccm	120 kW (163 PS)	81 / 5						
ENG. B 5234 T, B 5234 T2, B 5234 T5	S70 2.3i Turbo 20V V70 2.3i Turbo 20V 850 2.3i Turbo 20V	1/97-12/00 1/97-2/00 9/93-8/97	2319 ccm	147-184 kW (200-250 PS)	81 / 5						


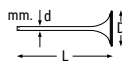




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO BENZYNA											
ENG. B 27 E	240 2.7i	8/79-7/80	2664 ccm	103-109 kW (140-148 PS)	88 / 6	IN	PVOL030	7701460147	43,9x8,0x112,0	30	1
	260 2.7i	8/74-7/82						7700635409			
ENG. B 28 A	240 2.8	8/79-7/80	2849 ccm	97 kW (132 PS)	91 / 6	EX	PVOL049	7700644710	37,0x8,0x111,4	45	1
	260 2.8	8/79-7/84						7900000680			
	760 2.8	8/82-8/91						95536524			
	760 2.8i (USA)	8/82-7/86						245390-0			
	780 2.8i (USA)	8/82-7/86						0948.36			
ENG. B 28 F	260 2.8i	8/80-7/82	2849 ccm	110-114 kW (136-155 PS)	91 / 6	EX	PVOL049	7900000681	37,0x8,0x111,4	45	1
	760 2.8i (USA)	8/82-4/86						7910245802			
	780 2.8i (USA)	8/82-4/86						7910246494			
ENG. B 28 E	260 2.8i	8/80-4/86	2664 ccm		91 / 6	EX	PVOL049	245802-4	37,0x8,0x111,4	45	1
	760 2.8i	8/79-7/84						0949.30			
	780 2.8i	8/82-4/86						0949.32			
ENG. B 27 A	264-265	75 →	2849 ccm		88 / 6						
ENG. B 4164 S	S40 1.6i 16V	1/97-7/99	1587 ccm	77 kW (105 PS)	81 / 4	IN	PVOL038	1S4G6507CA	30,0x6,0x99,0	45	9
ENG. B 4164 S2	S40 1.6i 16V	4/00-7/03	1587 ccm	80 kW (109 PS)	81 / 4	EX	PVOL039	1S4G6507CB			
	V40 1.6i 16V	4/00-7/03						1122364			
ENG. B 4164 S3	C30 1.6i 16V	9/06 →	1587 ccm	74 kW (100 PS)	81 / 4	EX	PVOL039	1320927	24,0x6,0x101,4	45	9
	S40 1.6i 16V	11/04 →						30711639			
	V40 1.6i 16V	4/04 →						C601-12111			
	V50 1.6i 16V	11/04 →						1S6C6505BA			
								1S6G6505BA			
								1113189			
								30711638			
								C4011-2121			



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO BENZYNA											
ENG. B 4184 S11	C30 1.8i 16V	9/06 →	1789 ccm	92 kW (125 PS)	83 / 4	IN	PVOL040	1S7G6507DG	32,5x5,5x103,4	45	1
	S40 1.8i 16V	4/04 →						1211483			
	V50 1.8i 16V	4/04 →						1324691			
								8694781			
								L801-12-111			
						EX	PVOL041	1S7G6505DF	28,0x5,5x104,6	45	1
								1324690			
								8694780			
								L801-12-121C			
EN G. 5202 F, B 5202 S	850 2.0i S70/V70 2.0i	1/97-7/99	1984 ccm	93 kW (126 PS)	81 / 5	IN	PVOL047	1397190	40,0x7,0x98,1	45	9
		1/97-7/99						6842421			
								1397191	35,0x7,0x97,1	45	9
						EX	PVOL048	6842422			
ENG. B 204 E	740 2.0i Turbo 16V 940/960 2.0i Turbo 16V	8/88-7/90	1986 ccm	102-140 kW (139-190 PS)	88,9 / 4	IN	PVOL050	1378473-1	32,5x7,0x122,5	45	9
		9/90-8/91						1378474-9			
ENG. B 204 FT	760/780 2.0i Turbo 16V 940 2.0i Turbo 16V 960 2.0i Turbo 16V	89 →	1986 ccm	102-140 kW (139-190 PS)	88,9 / 4	EX	PVOL051	1378473-1	29,5x7,0x122,6	45	9
		9/91-8/97						1378474-9			
		9/91-8/94						1378474-9			




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO BENZYNA											
ENG. B 20 A, B 20 B	Amazon P 121/P 122/P 123 2.0	61 →	1986 ccm	60-91 kW (82-124 PS)	88,9 / 4	IN	PVOL052	419766-1	44,0x8,0x116,5	45	9
	142/144 2.0	1/68-7/74				IN	PVOL058	419639-0	42,0x8,0x116,5	45	9
	145 2.0	1/68-12/74				EX	PVOL053	419640-8	35,0x8,0x116,5	45	9
	240 2.0	8/74-7/76				EX	PVOL059	419735-6	35,0x8,0x116,5	45	9
	1800 2.0	1/68-12/74									
ENG. B 20 E	142/144 2.0	9/70-4/75	1986 ccm	60-91 kW (82-124 PS)	88,9 / 4						
	145 2.0	1/68-12/74									
	1800 2.0	1/68-7/73									
ENG. B 30 A	C 303/C 306	10/74-11/91	2978 ccm	118-132 kW (160-180 PS)	88,9 / 6						
ENG. B 30 E	142/144 3.0	1/68-8/73	2978 ccm	118-132 kW (160-180 PS)	88,9 / 6						
	160 3.0i	1/68-7/73									
	164 3.0i	8/72-7/74									
	165/166 3.0i	1/68-7/73									
	P 1800-S	68-8/73									


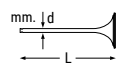




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO BENZYNA											
ENG. B 5204 T5	850 2.0i Turbo 20V	01 →	1984 ccm	132 kW (180 PS)	81 / 5	IN	PVOL056	9454607	31,0x6,0x104,3	45	9
	S60 2.0i Turbo 20V	9/01 →						1369828			
ENG. B 5234 T3	S80 2.0i Turbo 20V	12/99-7/06	2319 ccm	176-184 kW (239-250 PS)	81 / 5	EX	PVOL057	9454610	27,0x6,0x103,3	45	9
	V70 II 2.0i Turbo 20V	7/01 →						1369831			
	C70 I coupe 2.3	3/97-9/02									
	C70 I kabriolet 2.3	3/98-10/05									
ENG. B 5244 S	S60 2.3i Turbo 20V	11/00 →	2435 ccm	125 kW (170 PS)	83 / 5						
	S70 2.3	1/97-11/00									
	V70 I 2.3	4/97-3/00									
	V70 II 2.3	3/00 →									
	C70 I 2.4i 20V	99-02									
	S40 II 2.4i Turbo 20V	1/04 →									
ENG. B 5244 S5	S60 2.4i 20V	00 →	2435 ccm	103 kW (140 PS)	83 / 5						
	S70 2.4	1/97-11/00									
	S80 2.4i 20V	1/99-7/06									
	V50 2.4i Turbo 20V	4/04 →									
	V70 II 2.4	3/00 →									
ENG. B 5244 SG	S40 II 2.4i Turbo 20V	1/04 →	2435 ccm	103 kW (140 PS)	83 / 5						
	V50 2.4i Turbo 20V	4/04 →									
	S70 2.4 Blu-Fuel 20V	8/99-11/00									
ENG. B 5244 SG2	V70 I 2.4i Bifuel 20V	8/99-3/00	2435 ccm	103 kW (140 PS)	83 / 5						
	V70 II 2.4i Bifuel 20V	9/01 →									
ENG. B 5244 SG2	S60 2.4i Bifuel 20V	6/02 →	2435 ccm	103 kW (140 PS)	83 / 5						


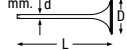




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 					
VOLVO BENZYNA																
ENG. B 4204 S3	C30 2.0i 16V	9/06 →	1999 ccm	107 kW (145 PS)	87,5 / 4	IN	PVOL098	1S7G6507CE	35,0x5,5x103,4	45	1					
	S40 2.0i 16V	5/06-5/07						6C1G6507AA								
	S80 2.0i 16V	9/07 →						1124378								
	V50 2.0i 16V	5/06 →						1213175								
	V70 II 2.0i 16V	9/07 →						1324132								
								1374186								
								LF01-12111								
								30777329								
								EX				PVOL099	1S7G6505CE	30,0x5,5x104,6	45	1
													1124377			
				1324131												
				LF01-12121												
				LF02-12121												
				30777328												


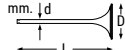




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VOLVO DIESEL												
ENG. D 24	240 2.4 D	4/79-8/93	2383 ccm	60 kW (82 PS)	76,5 / 6	IN	PVOL005	069109601	36,0x8,0x104,9	45	1	
	740 2.4 D	4/84-7/92						1257053				
	760 2.4 D	1/82-7/92						PVOL007				069109601C
	940 2.4 D	9/90-8/93										069109601D
	960 2.4 TD	→ 8/93										1328088-8
			1328147									
								1389261-7				
						EX	PVOL006	068109611	31,2x8,0x104,6	45	1	
								1257054				
						EX	PVOL008	068109611C	31,2x8,0x104,6	45	9	
								068109611D				
								072109611				
								1328089-6				
								1328148				
								1389262-5				
								9135927				
ENG. D 24 T	740/760 2.4 TD 940/960 2.4 TD	8/82-7/92 9/90-8/93	2383 ccm	80 kW (109 PS)	76,5 / 6	IN	PVOL007	069109601C	36,0x8,0x104,9	45	9	
								069109601D				
ENG. D 24 TIC	740/760/780 2.4 TDi 940/960 2.4 TDi 940 II 2.4 TD	4/84-7/92 8/90-8/97 8/94-10/98	2383 ccm	90 kW (122 PS)	76,5 / 6	EX	PVOL008	1328088-8	31,2x8,0x104,6	45	9	
												1328147
												1389261-7
												068109611C
												068109611D
							072109611					
								1328089-6				
								1328148				
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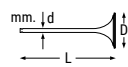




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO DIESEL											
ENG. D 16	340/360 1.6 D	8/84-7/91	1596 ccm	40 kW (54 PS)	78 / 4	IN	PVOL009	7701462813 3287966-0	36,1x8,0x111,7	30	1
						EX	PVOL010	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1
ENG. F8Q 740	440 1.9 TD 460 1.9 TD	9/93-8/97 94 →	1870 ccm	68 kW (92 PS)	80 / 4	IN	PVOL067	7701471704 7701469369 30852144 M852144 M889130 3345515 101778	35,0x8,0x110,0	45	1
ENG. F8Q 785, F8Q 610, F8Q 768, F8Q 784	460 1.9 TD	7/94 →	1870 ccm	66-70 kW (90-95 PS)	80 / 4						
ENG. D 4192 T	S40 1.9 TD V40 1.9 TD	5/96-7/99 1/96-7/99	1870 ccm	66 kW (90 PS)	80 / 4						
ENG. D19T	440 1.9 TD 460 1.9 TD	94-96 94-96	1870 ccm		80 / 4						
						IN	PVOL096	7701468190	35,0x8,0x110,5	45	1
						IN	PVOL031	7701468035	35,2x8,0x111,6	45	1
						IN	PVOL009	7701462813 3287966-0	36,1x8,0x111,7	30	1
						EX	PVOL068	7701471705 7701469373 30852146 112656 101780	31,5x8,0x110,0	45	1
						EX	PVOL010	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1


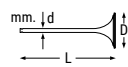




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO DIESEL											
ENG. D 100 BHC, BRC, HC		65-75	9600 ccm	122-147 kW (166-200 PS)	120,65 / 6	IN	PVOL011	479204	50,0x11,0x167,2	30	1
ENG. TD 100 A	F 10/F 88 T/FB 88 T G 88 T/N 10/N 12/N 88 T N 88 TS/NB 88 TS/ NT 88 T NT 88 TS	8/65-5/86	9600 ccm	154-188 kW (210-256 PS)	120,65 / 6	EX	PVOL012	479205 467502-1 1545290 467855-3 467503 467682 467857 8194224			
ENG. MD 100 A,B	F 88/LF 88/LN 88/N 88	65 →	9600 ccm	98-147 kW (133-200 PS)	120,65 / 6						
ENG. TD 100 C, HC ENG. TD 101 GB, GE, KC, MC	B 9 M/B 10 M/B 10 R/C 10 M CH 400/L 160/N 10	8/79 → 10/80 →	9600 ccm	169-191 kW (230-260 PS)	120,65 / 6						
ENG. TD 102 FAQ, FBQ, FCQ, FEQ, FGQ, FS	F 10/NL 10	10/87 →	9600 ccm	191-230 kW (260-313 PS)	120,65 / 6						
ENG. TD 102 FT Euro 1	NL 10	12/92 →	9600 ccm	228 kW (310 PS)	120,65 / 6						
ENG. TD 103 KAE Euro 2		8/95 →	9600 ccm	190 kW (258 PS)	120,65 / 6						
ENG. TD 103 KB, KF, ME Euro 1	B 10 M	1/92 →	9600 ccm	210-235 kW (285-320 PS)	120,65 / 6						
ENG. THD 100 A	B 58/B 58 T/B 59/B 59 T	65-3/83	9600 ccm	139-191 kW (200-260 PS)	120,65 / 6						
ENG. THD 100 DA, DB, EA, EE, EK	B 10 M/B 10 R/CH 400	1/78 →	9600 ccm	133-212 kW (180-288 PS)	120,65 / 6						
ENG. THD 101 B	B 10/B 58/B 59	75-82	9600 ccm	169-191 kW (230-260 PS)	120,65 / 6						
ENG. THD 101 KE, MC	B 10 M/C 10 M	81 →	9600 ccm	228-235 kW (310-320 PS)	120,65 / 6						
ENG. HD 100 D	B 58	8/72-3/80	9600 ccm	132 kW (179 PS)	120,65 / 6						
ENG. TD 100 CHC			9600 ccm	200 kW (272 PS)	120,65 / 6						
ENG. TD 101 GG	B 58/N 10/NL 10		9600 ccm	200 kW (272 PS)	120,65 / 6						
NG. TD 104 KAE Euro 2			9600 ccm	190 kW (258 PS)	120,65 / 6						

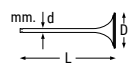




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO DIESEL											
ENG. TD 120 A	CH 230 N 12	10/70-3/84	12000 ccm	215-243 kW (292-330 PS)	130,175/6	IN EX	PVOL013	468302-5	54,0x11,0x167,2	30	1
ENG. TD 120 C, G, GG	CH 200/230T F 12/N 10/N 12	8/77 →	12000 ccm	173-260 kW (236-354 PS)	130,175/6		PVOL014	460803-3 468303-3	50,0x11,0x167,2	45	1
ENG. TD 121 F	CH 200 F 12/N 12/NL 12	10/79-9/01	12000 ccm	272-283 kW (370-385 PS)	130,175/6						
ENG. TD 121 G ENG. TD 120 D, E, GA	F 12/N 12/NL 12 CH 200 F 12/N 12	10/83-9/01 8/77-6/86	12000 ccm 12000 ccm	215-256 kW (292-348 PS) 227-273 kW (308-371 PS)	130,175/6 130,175/6						
ENG. TD 120 F, FC	CH 200/230T F 12	9/79-5/88	12000 ccm	265 kW (360 PS)	130,175/6						
ENG. TD 121 A, FH, FK, GD	CH 230 F 12/N 12	9/83-1/98	12000 ccm	232-280 kW (315-361 PS)	130,175/6						
ENG. TD 121 FD ENG. TD 122 ED, F, FA, FAQ, FBQ, FCQ, FK, FKQ, FL, FR, FS, FTO, GA, GB, GH, KBE, KE, KHD	F 12/N 12 B 12/F 12/NL 12 FS 10/FS 12 CH 230T/L 180K White GMC (USA)	10/83-9/91 80 →	12000 ccm	283 kW (385 PS) 179-396 kW (243-538 PS)	130,175/6						
ENG. TD 122 FH Euro 1	B 12/F 12/L 180 K White GMC (USA)	1/90 →	11977 ccm	262 kW (356 PS)	130,175/6						
ENG. TD 123 E, ES Euro 1	B 12/F 12/NL 12	5/91-9/01	12000 ccm	262-298 kW (315-361 PS)	130,175/6						
ENG. TD 120 FA, FB, FTQ	N 12	5/83-12/94	12000 ccm	220 kW (299 PS)	130,175/6						
ENG. TD 121 FA, FB, FC, FE, FF, FG	N 12	1/86-11-1/98	12000 ccm	210-280 kW (286-381 PS)	130,175/6						
ENG. TD 122 F (USA)	F 12	8/87-12/94	11977 ccm	272 kW (370 PS)	130,175/6						
ENG. TD 123 EA, EB, EC, ED Euro 1	F 12	10/90-12/94	12000 ccm	224-301 kW (305-409 PS)	130,175/6						
ENG. TD 123 F			12000 ccm		130,175/6						
ENG. TD 121 GG, ENG. TD 121 GP	F 12	10/83-5/94 93 →	12000 ccm	243-283 kW (330-385 PS)	130,175/6						

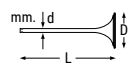




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO DIESEL											
ENG. D 70 A/B/C	F/N 86	65 →	6730 ccm	106-111 kW (144-150 PS)	104,775/6	IN	PVOL015	421016-7	43,0x11,0x148,6	30	31
ENG. TD 70 A/B/C-Turbo	B 54 F/FB/N 86 N 7	65-74	6730 ccm	136-153 kW (185-207 PS)	104,775/6	EX	PVOL016	466380 421017-5 421208-0	37,0x11,0x148,5	45	31
ENG. D 70 A, B, B/BB, CHC, CRC	B57, BB57, F86, FB86, N86, NB86	1/65-85	6730 ccm	102-110 kW (139-150 PS)	104,775/6	IN EX	PVOL017 PVOL018	466379-5 842080 421680 471195-8 471196 466381 465381	43,0x11,0x148,5 37,0x11,0x148,6	30 45	1 1
ENG. MD 70 B, C		12/70-12/85	6730 ccm	73-107 kW (99-145 PS)	104,775/6						
ENG. TD 70 A, B, C, E, ES, F, FC, FS, G, H, HA	B7F, B7FA, B54, B57, B57 T, B715, BB57, BB 57 T, F7, F86, F86 T, F87, F716, F720, F724, FB86, FB86 T, FB87 BFA, L48, N7, N86, N86 T, N725, NB86 T, TF86 DTC, TF86 T	1/63 →	6730 ccm	121-180 kW (165-245 PS)	104,775/6						
ENG. TD 70 GG		3/83-6/86	6730 ccm	100-140 kW (136-190 PS)	104,775/6						
ENG. TD 71 E, FA, FC, FD, G, GE	B57, FE715, FE716, FL7	9/85 →	6730 ccm	137-180 kW (186-245 PS)	104,775/6						
ENG. TD 71 F, FQ, FQK, FS, FSO, FSQ, K	B57, F7, FL7	85 →	6730 ccm	166-184 kW (226-250 PS)	104,775/6						
ENG. TMD 70 B, C	F86, FB86, N7, N86	6/70-85	6730 ccm	110-152 kW (150-207 PS)	104,775/6						
ENG. TD 71 A, ACE, AG, AGP, AP, APB, AW	B57, F7	10/87-12/94	6730 ccm	169 kW (230 PS)	104,775/6						


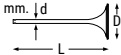




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO DIESEL											
ENG. D 12 Euro 2 A 340	B12 FH 12-340	10/95 → 8/93-8/98	12130 ccm	250-305 kW (340-415 PS)	131 / 6	IN	PVOL019	1547492 3169490	40,0x8,0x192,0	30	26
ENG. D 12 Euro 2 A 370, A 415	B12	10/95 →	12130 ccm	250-305 kW (340-415 PS)	131 / 6	EX	PVOL020	8148574	40,0x8,0x191,7	45	1
ENG. D 12 Euro 2 A 380	B12 FH 12-380 FL 12-380	10/95 → 8/93-8/98 9/95-10/98	12130 ccm	250-305 kW (340-415 PS)	131 / 6			1547490 20441945 20441486 3165234			
ENG. D 12 Euro 2 B 340	FH 12-340	8/93-3/02	12130 ccm	250-305 kW (340-415 PS)	131 / 6						
ENG. D12 Euro 2 A 420	B 12 FH 12-420 FL 12-420	10/95 → 8/93-8/98 9/95 →	12130 ccm	309 kW (420 PS)	131 / 6						
ENG. D 16 A 470 Euro 1, D 16 A 520 Euro 1	FH 16-470/16-520	8/93-12/99	16120 ccm	346-382 kW (470-520 PS)	144 / 6	IN	PVOL021	1556472 1543026	47,0x9,5x176,8	30	1
ENG. D 16 B 470 Euro 2, D 16 B 520 Euro 2	FH 16-470/16-520	8/98-1/03	16120 ccm	346-382 kW (470-520 PS)	144 / 6	EX	PVOL022	1556813	45,0x9,5x176,9	45	1
ENG. TD 162 AG, TD 162 FJ, TD 162 FL, TD 162 FS	F 16	10/87 →	16120 ccm	217-405 kW (295-551 PS)	144 / 6			1556473 1543027 1556896 863702			
ENG. TD 162 Euro 0 F	F 16	10/87-12/94	16120 ccm	342 kW (465 PS)	144 / 6						
ENG. TD 163 Euro 1 ES	F 16	10/87-12/94	16120 ccm	368 kW (500 PS)	144 / 6						


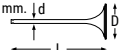




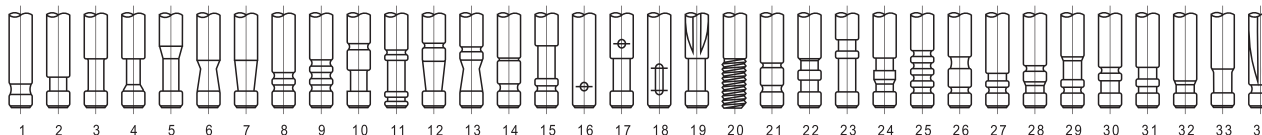
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO DIESEL											
ENG. D 60, D 60 A	B 609 F 609/611	3/75-2/86	5480 ccm	84-92 kW (115-125 PS)	98,43 / 6	IN	PVOL023	420553-0 465548	41,0x8,0x145,3	30	21
ENG. TD 60 A	F 85 T F 607/609/613/614 N 84	74-12/87	5480 ccm	70-132 kW (95-180 PS)	98,43 / 6	EX	PVOL024	3825723 465549-4 8192143	37,0x8,0x145,3	45	31
ENG. TD 60 A, B, C	B 6 F	74-12/87	5480 ccm	70-132 kW (95-180 PS)	98,43 / 6						
ENG. TD 60 B	B 6 FA CH 200 F 613/614/615/616/617	74-12/87	5480 ccm	70-132 kW (95-180 PS)	98,43 / 6						
ENG. TD 60 C, D, DG	F 610/611/612	74-12/87	5480 ccm	70-132 kW (95-180 PS)	98,43 / 6						
ENG. TD 60 BG	74-12/87	74-12/87	5480 ccm	70-132 kW (95-180 PS)	98,43 / 6						
ENG. TD 61 B, G	FL 608/611/614	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 GA	FL 608/611	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 G	FL 610/613/616	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 F	FL 611/614/616/617/619	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 FB	F 613/615 FE 614/615	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 GE	F 613/FE 613	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 GB	FL 607/617	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 GB, GS	FL 610/616	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 GS, GC	FL 611/612/613/ 614/617	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 A, ACE, AG, AGP, AP, APB, AW, R		85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 610 G		85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 63 E, ES Euro 1	B 6 R B 6 LE FL 608/611/612/613/ 614/615/618/619	11/91 →	5480 ccm	132-154 kW (179-209 PS)	98,43 / 6						
ENG. TD 63 ES Euro 1	FL 616/617	11/91 →	5480 ccm	132-154 kW (179-209 PS)	98,43 / 6						

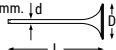




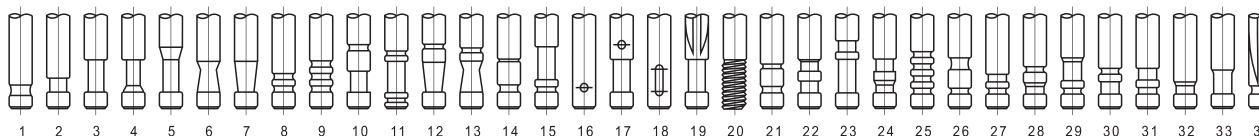
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
VOLVO DIESEL												
ENG. D 5252 T	850 2.5 TDI	5/96-8/97	2461 ccm	103 kW (140 PS)	81 / 5	IN	PVOL032	028109601A	36,0x8,0x96,9	45	9	
	S60 2.5 TDi	7/00						028109601H				
	S70 2.5 TDI	1/97-7/00						046109601G				
	S80 2.5 TDI	8/98-7/01						046109601H				
	V70 2.5 TDI	1/97-3/00						046109601J				
	V70 II 2.5 TDi	3/00-7/01						049109601J				
				1669766								
							EX	PVOL033	046109611C	31,5x8,0x96,9	45	9
									046109611E			
									046109611F			
									1669772			
									9186566			


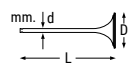




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VOLVO DIESEL											
ENG. D 4192 T2	S40 1.9 TDI	5/99-7/00	1870 ccm	70-85 kW (95-115 PS)	80 / 4	IN	PVOL034	7700110386	35,3x7,0x110,9	45	1
	V40 1.9 TDI	8/98-7/00						7700110387			
ENG. D 4192 T3, D 4192 T4	S40 1.9 TDI	4/00-1/04	1870 ccm	70-85 kW (95-115 PS)	80 / 4	EX	PVOL035	7701471702	32,6x7,0x110,7	45	1
	V40 1.9 TDI	3/00-4/04						7701476024			
								7701470251			
								8200828299			
								13201-AW300			
								13201-00QAC			
								13201-00QAM			
								MW30620685			
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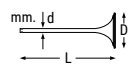




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VOLVO DIESEL											
ENG. D 4164 T	C 30 1.6 TDI 16V S40 1.6 TDI 16V V50 1.6 TDI 16V	9/06 →	1560 ccm	80 kW (109 PS)	75 / 4	IN	PVOL036	0948.C7	25,6x5,5x96,4	45	9
		11/04 →						1229882			
		11/04 →						30711498			
								9645024780			
								3M5Q6507AA			
								Y6011-2111			
								11347805968			
						EX	PVOL037	0949.C3	23,4x5,5x96,6	45	9
								1229883			
								30711497			
								9640840080			
								3M5Q6505AA			
								Y6011-2121			
								11347805969			
ENG. TD 73 E Euro 1	FL 7/FS 7 FS 718	11/91-10/99	6730 ccm	160-191 kW (218-260 PS)	104,775/6	IN	PVOL069	477447	43,0x8,0x149,7	30	30
		11/91-3/96						477443			
						EX	PVOL070	477443	39,0x8,0x149,7	45	30
ENG. TD 73 EA/EB Euro 1	FL 7	11/91-10/99	6730 ccm	160-191 kW (218-260 PS)	104,775/6						
ENG. TD 73 ES Euro 1	B 7 FL 7 FS 718	1/91 →	6730 ccm	160-191 kW (218-260 PS)	104,775/6						
		11/91-10/99									
		11/91-3/96									


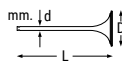




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO DIESEL											
ENG. D 7 A 230 Euro 2, D 7 A 260 Euro 2	B 7 F	1/99 →	6730 ccm	169-210 kW (230-285 PS)	104,775 /6	IN EX	PVOL071	3978768	43,0x8,0x149,7	30	1
	FL 7-230/FL 7-260 FM 7-230/FM 7-260	12/93-10/99 1/99-2/02					PVOL072	3978766	39,0x8,0x149,7	45	1
ENG. D 7 A 285 Euro 2	B 7 F FL 7	1/99 → 12/93-10/99	6730 ccm	169-210 kW (230-285 PS)	104,775 /6						
ENG. D 7 B 230 Euro 2, D 7 B 260 Euro 2	B 7 F FL 7-230/FL 7-260 FS 718	1/99 → 10/94-10/99 9/94-3/96	6730 ccm	169-210 kW (230-285 PS)	104,775 /6						
ENG. D 7 C 215 Euro 2	Bus 5000 Bus 7000 B 7 L	8/99 → 8/98 → 5/99 →	7280 ccm	158-228 kW (215-310 PS)	107 / 6						
ENG. D 7 C 250 Euro 2, D 7 C 290 Euro 2	Bus 5000 Bus 7000 B 7 L FM 7-250/FM 7-290	8/99 → 8/98 → 5/99 → 9/98-2/02	7280 ccm	158-228 kW (215-310 PS)	107 / 6						
ENG. D 7 C 310 Euro 2	Bus 8700 B 7 L FM 7-310	9/04 → 5/99 → 9/98 →	7280 ccm	158-228 kW (215-310 PS)	107 / 6						


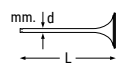




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przylgni 	Typ zamka 
VOLVO DIESEL											
ENG. D 12 C 340, D 340 Euro 3	B 12	9/00 →	12130 ccm	250-313 kW (340-425 PS)	131 / 6	IN	PVOL073	20459326	40,0x8,0x192,0	30	1
	FH 12-340/FM 12-340	8/98 →					PVOL020	8148574			
ENG. D 12 C 380 Euro 3	FH 12-380 FM 12-380 NH 12-380	8/93 →	12130 ccm	250-313 kW (340-425 PS)	131 / 6	EX	1547490	20441945	40,0x8,0x191,7	45	1
		8/98-1/02					20441486				
		7/99 →					3165234				
ENG. D 12 D 380 Euro 3	B 12	06/01 →	12130 ccm	250-313 kW (340-425 PS)	131 / 6						
	FH 12-380/FM 12-380	9/01 →									
ENG. D 12 D 425 Euro 3	B 12	06/01 →	12130 ccm	250-313 kW (340-425 PS)	131 / 6						
ENG. D 12 C 420 Euro 3, D 12 C 460 Euro 3	FH 12-420/FH 12-460 FM 12-420/FM 12-460 NH 12-420/NH 12-460	8/98 →	12130 ccm	309-368 kW (420-500 PS)	131 / 6						
		8/98-1/02									
		7/99 →									
ENG. D 12 D 420 Euro 3	B 12	6/01 →	12130 ccm	309-368 kW (420-500 PS)	131 / 6						
	FH 12-420/FM 12-420	9/01 →									
ENG. D 12 D 460 Euro 3	FH 12-460 FM 12-460	9/01 →	12130 ccm	309-368 kW (420-500 PS)	131 / 6						
		1/02 →									
ENG. D 12 D 500 Euro 3	FH 12-500	9/01 →	12130 ccm	309-368 kW (420-500 PS)	131 / 6						
ENG. 3.152	T 320		2490 ccm	27-33 kW (37-45 PS)	91,48 / 3	IN	PVOL080	31431261	39,0x7,9x114,5	45	1
						EX	PVOL081	713151M1 0910001 31431951 713152M1 0910002			
								33,5x7,9x114,5	45	1	


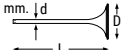




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 	
VOLVO DIESEL												
ENG. D 39 C ENG. 4.236	F 82, F 83, F 406, F 407 F 82, F 83, F 406, F 407 L 30	9/75-1/86	3864 ccm	59 kW (80 PS)	98,48 / 4	IN	PVOL082	31431641	44,4x9,48x123,0	45	1	
		9/75-1/86	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4			31431103				
		1/87-9/95						31431163				
								733819M1				
							EX	PVOL083				31431881
								31431104				
								31431109				
								31431164				
								31431791				
								31431851				
								31431891				
								31431931				
								733818M1				
							IN	PVOL104				3142H002
					EX	PVOL105	3142A052	36,5x9,5x123,5	45	1		
					IN	PVOL086	31431402	44,4x9,86x123,0	45	1		
							736813M1					
					EX	PVOL087	31431411	36,5x9,53x123,4	45	1		
							736815M1					
								Grubość grzybka +1,0 [mm]				
					IN	PVOL084		44,4x9,48x123,0	45	1		
					EX	PVOL085		36,5x9,46x123,4	45	1		

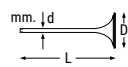




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
VOLVO DIESEL													
ENG. D 5244 T	S60 2.4 D5	7/01 →	2401 ccm	120 kW (163 PS)	81 / 5	IN	PVOL088	8631650	28,8x6,0x98,1	45	9		
	S80 2.4 D5	8/01-7/06						EX	PVOL089	8631651	26,6x6,0x97,7	45	9
	S80 II 2.4D	3/06 →											
	V70 II 2.4 D5	8/01 →											
	XC70 Cross Country 2.4 D5 AWD	9/02 →											
	XC70 II 2.4 D AWD	8/07 →											
	XC90 D5	10/02 →											
ENG. D 5244 T2	S60 2.4D	12/01 →	2401 ccm	96-120 kW (131-163 PS)	81 / 5								
	S80 2.4D	10/01-7/06											
	V70 II 2.4D	12/01 →											
	V70 II 2.4 D5 AWD	3/03 →											
ENG. D 5244 T4	S60 2.4 D5	9/05 →	2400 ccm	136 kW (185 PS)	81 / 5								
	S80 II 2.4 D5	3/06 →											
	S80 II 2.4 D5 AWD	1/07 →											
	V70 II 2.4 D5	12/05 →											
	V70 II 2.4 D5 AWD	12/05 →											
	V70 III D5	8/07 →											
	V70 III D5 AWD	10/07 →											
	XC60 D5 AWD	5/08 →											
	XC70 Cross Country 2.4 D5 AWD	12/05											
	XC70 II D5 AWD	8/07 →											
	XC90 D5	5/06 →											


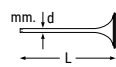




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 		
VOLVO DIESEL													
ENG. D 5244 T5	S60 2.4D	1/07 →	2400 ccm	120 kW (163 PS)	81 / 5	IN	PVOL088	8631650	28,8x6,0x98,1	45	9		
	S80 II 2.4D	3/06 →						EX	PVOL089	8631651	26,6x6,0x97,7	45	9
	V70 III 2.4D	8/07 →											
	XC60 2.4D AWD	5/08 →											
	XC90 D5	4/09 →											
ENG. D 5244 T8	C30 D5	10/06 →	2400 ccm	132 kW (180 PS)	81 / 5								
	C70 II D5	3/06 →											
	S40 II 2.4 D5	3/06 →											
	V50 2.4 D5	3/06 →											
ENG. D 13 A 360	FM 360		12800 ccm	264-368 kW (360-500 PS)	131 / 6	IN	PVOL090	20561995	42,0x8,0x192,0	24	9		
ENG. D 13 B 360 Euro 4, D 13 B 400 Euro 4, D 13 B 440 Euro 4	FH 360/400/440 FM 360/400/440		12800 ccm	264-368 kW (360-500 PS)	131 / 6	EX	PVOL091	20740798 20768506 20768519	40,0x8,0x191,6	39	9		
ENF. D 13 B 500 Euro 4	FH 500	9/07 →	12800 ccm	264-368 kW (360-500 PS)	131 / 6	IN	PVOL092		42,0x8,0x192,0	30	9		
ENG. D 13 A 400 Euro 4/5, D 13 A 440 Euro 4/5, D 13 A 480 Euro 4/5	FH 400/440/480 FM 400/440/480	9/05 →	12800 ccm	294-382 kW (400-520 PS)	131 / 6	EX	PVOL093		40,0x8,0x191,6	45	9		
		9/07 →											
ENG. D 13 A 520 Euro 4/5	FH 520	9/05 →	12800 ccm	294-382 kW (400-520 PS)	131 / 6								


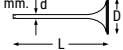




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO DIESEL											
ENG. D 16 C 550 Euro 3, D 16 C 610 Euro 3		1/03 →	16120 ccm	404-449 kW (550-610 PS)	144 / 6	IN	PVOL111	20735572 20739057	49,0x10,0x193,0	25	1
ENG. D 16 Euro 2 C-A MG/ /C-A MH/C-B MH Euro 2		06 →	16120 ccm	368-552 kW (501-751 PS)	144 / 6			20739058 24426433			
ENG. TAD 1640 GE Euro 2		04 →	16120 ccm	392-479 kW (533-651 PS)	144 / 6	IN	PVOL094		49,0x10,0x193,0	30	1
ENG. TAD 1641 GE/VE Euro 2		04 →	16120 ccm	420-732 kW (571-995 PS)	144 / 6	EX	PVOL095	20513284	46,0x10,0x191,5	45	1
ENG. TAD 1642 GE/VE Euro 2		04 →	16120 ccm	485-784 kW (660-1066 PS)	144 / 6			20513285			
ENG. TAD 1643 VE Euro 2		08 →	16120 ccm	565 kW (768 PS)	144 / 6						
ENG. TAD 1650 VE Euro 2		08 →	16120 ccm	397 kW (540 PS)	144 / 6						
ENG. TAD 1643 GE Euro 2		07 →	16120 ccm	528-644 kW (718-876 PS)	144 / 6						
ENG. TAD 1650 GE, TAD 1651 GE, TAD 1660 VE, TAD 1661 VE, TAD 1662 VE, TAD 1640 VE-B, TAD 1641-VE-B, TAD 1642-VE- -B, TAD 1663 GE, TWG 1663 GE											
ENG. D 4192 T	S40/V40 1.9 TD	1/96-7/99	1870 ccm	66 kW (90 PS)	80 / 4	IN	PVOL100	7701466716	36,2x8,0x111,7	30	1
ENG. F8Q 740	440 1.9 TD	9/93-8/97	1870 ccm	68 kW (92 PS)	80 / 4	EX	PVOL101	7701466717	31,6x8,0x111,7	45	1
	460 1.9 TD	94 →									
ENG. F8Q 784	460 1.9 TD	7 / 94 →	1870 ccm	66-70 kW (90-95 PS)	80 / 4						
ENG. D 4204 T	C30 2.0 TD 16V	9/06 →	1997 ccm	98-100 kW (133-136 PS)	85 / 4	IN	PVOL102	9627184380	30,0x6,0x105,0	45	9
	C70 2.0 TD 16V	9/07 →						0948.A3			
	S40 2.0 TDI 16V	10/03 →						1231931			
	S80 2.0 TD 16V	9/07 →						3M5Q6507BA			
	V50 2.0 TDI 16V	2/04 →						8653745			
	V70 II 2.0 TD 16V	9/07 →				EX	PVOL103	9634437580	25,0x6,0x105,0	45	9
ENG. D 4204 T2	S40 2.0 TDI 16V	1/04 →	1997 ccm	98-100 kW (133-136 PS)	85 / 4			0949.A3			
	V50 2.0 TDI 16V	4/04 →						1231930			
								3M5Q6505BA			
								8653744			


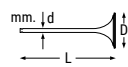




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO DIESEL											
ENG. BF 4 L 1011 F Euro 1		1/98 →	2732 ccm	48-56 kW (65-76 PS)	91 / 4	IN	PVOL106	4178899	40,5x8,0x124,9	30	9
ENG. BF 4 L 1011 FT Euro 1		1/98 →	2732 ccm	46-53 kW (63-72 PS)	91 / 4	EX	PVOL107	4170491 4170899 4178158 2108184	35,0x8,0x124,7	45	9
ENG. F 3 L 1011 F Euro 1	ZL 402	1/97 →	2049 ccm	28-33 kW (38-45 PS)	91 / 3	IN	PVOL108	4170898	40,0x8,0x124,6	45	9
ENG. F 4 L 1011 F Euro 1	ZL 502	1/97 →	2732 ccm	40-46 kW (55-63 PS)	91 / 4	EX	PVOL107	4271175 4272209 2108183 4170899 4178158 2108184	35,0x8,0x124,7	45	9
ENG. 4B 3.9 C Euro 2	EC 140/150	1/96 →	3900 ccm	55-60 kW (75-82 PS)	102 / 4	IN	PVOL109	3920867	45,0x8,0x129,1	30	26
ENG. 6B 5.9 C Euro 2	EC 210 EW 170/180	1/96 → 1/96 →	5883 ccm	86-132 kW (115-177 PS)	102 / 6	EX	PVOL110	3802355 3802005 3901117 3920868 3802356 3901607	42,2x8,0x129,1	45	1
ENG. D11A430	FM FM 430 FMX 430	04/12 - 04/10 -	10840 ccm	316 kW (430 PS)	6	IN	PVOL112	20540012 20540013	40,0x8,0x192,0	30	9
ENG. D11C330	FM FM 330 FMX 330 FM FM 330 B 11 B11R	04/12 - 04/10 - 09/05 - 09/11 -	10800 ccm	243 kW (330 PS)	6	EX	PVOL113	20540017 20464020 20564019 20564020	38,0x8,0x192,7	30	9
ENG. D11C370	FM FM 370 FM FM 370 FM FM 370 FMX 370	04/12 - 09/05 - 04/12 - 04/10 -	10840 ccm	272 kW (370 PS)	6						


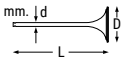




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
VOLVO DIESEL											
ENG. D11C410	FM FM 410	09/05 -	10800 ccm	302 kW (410 PS)	6	IN	PVOL112	20540012	40,0x8,0x192,0	30	9
	FM FM 410	04/12 -						20540013			
ENG. D11C450	FM FM 450	09/05 -	10800 ccm	332 kW (450 PS)	6	EX	PVOL113	20540017	38,0x8,0x192,7	30	9
	FM FM 450	04/12 -						20464020			
ENG. D11K330	FMX 410	04/10 -	10840 ccm	243 kW (330 PS)	6			20564019			
	B 11 B11R	09/11 -						20564020			
ENG. D11K370	FM FM 450	09/05 -	10840 ccm	272 kW (370 PS)	6			20564020			
	FM FM 450	04/12 -									
ENG. D11K380	FMX 450	04/10 -	10840 ccm	280 kW (380 PS)	6						
	FMX II 330	06/16 -									
ENG. D11K410	FMX II 330	09/13 -	10840 ccm	302 kW (410 PS)	6						
	FMX II 330	04/12 -									
ENG. D11K430	FMX II 330	06/16 -	10840 ccm	316 kW (430 PS)	6						
	FMX II 330	09/13 -									
ENG. D11K450	FMX II 330	04/12 -	10840 ccm	332 kW (450 PS)	6						
	FMX II 330	06/16 -									
ENG. D11K460	FMX II 450	09/05 -	10840 ccm	339 kW (460 PS)	6						
	FMX II 450	09/13 -									
ENG. D11K460	FMX II 450	06/16 -	10840 ccm	339 kW (460 PS)	6						
	B 11 B11R	09/13 -									


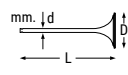




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
WLADIMIREC DIESEL											
ENG. D21, D-21A1	T-25/ T-25A	72-91	2078 ccm	18,4-22,5 kW (25-31 PS)	105 / 2	IN EX	PWLA001	100-7014-W1	44,0x9,0x137,0	45	32
							PWLA002	100-7015-W	38,0x9,0x137,0	45	32


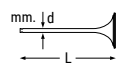




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
YAMZ DIESEL											
ENG. YAMZ-236			11150 ccm	110-220 kW (150-300 PS)	130 / 6	IN	PYAM001	236-1007010-B2	60,0x12,0x156,1	30	2
ENG. YAMZ-238			14866 ccm	173-309 kW (235-420 PS)	130 / 8	IN	PYAM002	7511.1007010	55,0x12,0x156,6	30	2
						EX	PYAM003	236-1007015-B6	47,9x12,0x155,6	45	2


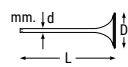




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ZASTAWA BENZYNA											
ENG. 128 A.000	101	72 →	1116 ccm	40-48 kW (55-65 PS)	80 / 4	IN	PZAS001	4212771	36,0x8,0x108,5	45	1
	1100	6/72-12/93						4239917			
	Yugo 55	72 →						4460697			
ENG. 128 A.064	101	72 →	1116 ccm	44 kW (60 PS)	80 / 4	EX	PZAS002	4315062	31,0x8,0x109,0	45	1
	1100	6/72-12/93						5973128			
	Yugo 55	72 →						4239918			
ENG. 128 AS.000	101	78 →	1499 ccm	63 kW (85 PS)	86,4 / 4			4314869			
	Yugo 1300	78 →						4190307			
ENG. 100 GL.064	Yugo 0.9	4/80-6/92	903 ccm	33 kW (45 PS)	65 / 4	IN	PZAS003	4265695	29,0x7,0x95,3	30	1
								4259853			
								46407749			
								46427459			
								4190109			
								5959564			
								EX			
								PZAS004			
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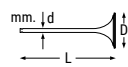




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ZAZ BENZYNA											
ENG. MeMZ-9683	Zaporożec ZAZ 968/968M	66-94	1197 ccm	29,8 kW (41 PS)	76 / 4	IN	PZAZ001	968-1007010	34,0x8,0x115,6	45	1
						EX	PZAZ002	968-1007015	32,0x8,0x115,0	45	1
ENG. MeMZ-968GE			1197 ccm	33,1 kW (45 PS)	76 / 4						
ENG. MeMZ-968BE			1197 ccm	37,3 kW (50 PS)	76 / 4						
ENG. MeMZ-245	Tavria 1.1 (ZAZ 1102)	1/89 →	1091 ccm	37,5 kW (51 PS)	72 / 4	IN	PZAZ003	2451007010-10	34,0x8,0x110,8	45	1
ENG. MeMZ-310	Tavria 1.3 (ZAZ 1102)	1/89 →	1254 ccm	44 kW (60 PS)	75 / 4	EX	PZAZ004	2451007012-10	28,9x8,0x110,9	45	1



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ZETOR DIESEL											
25						IN	PZET001	Z620244	45,0x10,0x155,5	45	7
						EX	PZET002	Z620254	41,0x10,0x155,5	45	7
ENG. 5201, 6201, 7201, 7701, 6202	5211, 5245, 6211, 6245, 6911, 6945, 7011, 7045, 7211, 7245, 7711, 7745, 3020, 3340, 4320, 4340, 5320, 5340, 6320, 6340, 3321, 3341, 4321, 4341, 5321, 5341, 6321, 6341	69 →			110 / 4	IN	PZET003	69010555	44,2x10,0x129,5	45	1
						EX	PZET004	69010554	36,5x10,0x129,5	45	1
35 HP	UR 1	60-77				IN	PZET005	950505	39,2x8,0x129,5	45	7
ENG. 2001	Series 1511, 2011 Series 1522, 2013, 2017, 2023 Series 2511	60-74	1560 ccm	17-21 kW (23-28 PS)	95 / 2	EX	PZET006	950506	33,2x10,0x127,5	45	33
		60-77									
ENG. 3001	Series 3011, 3013, 3016, 3017, 3045, 3513, Series 3511, 3516, 3545	1/71-6/72	2340 ccm	25-29 kW (34-40 PS)	95 / 3						
		60-77									
ENG. 4001	Series 4011, 4016 Series 4511, 4611	60-72	3120 ccm	35 kW (48 PS)	95 / 4						
		1/71-6/72									


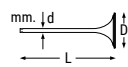




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ZETOR DIESEL											
ENG. 8001 Turbo	Series 8011	69 →			110 / 4	IN	PZET007	89005915	49,2x10,0x139,0	30	1
	Series 8045	69 →						489005915			
ENG. 8601 Turbo	Series 8611, 12011	69 →			110 / 6	EX	PZET009	64000423	41,3x10,0x138,9	45	1
	Series 12045	69 →						80005015 480005015 89005902 64000424			
ENG. 8001	Series 8011	69 →	4562 ccm	55-60 kW (75-82 PS)	110 / 4	IN	PZET008	80005014	49,2x10,0x138,9	45	1
	Series 8045	1/68 →						480005014			
ENG. 8601	Series 8611, 12011	1/68 →	6842 ccm	74-87 kW (100-118 PS)	110 / 6	EX	PZET009	80005015	41,3x10,0x138,9	45	1
	Series 12045	1/68 →						480005015 89005902 64000424			
						IN	PZET012	78.005.014	45,4x10,0x136,6	30	1
						EX	PZET013	78.005.015	36,2x10,0x136,6	45	1
						IN	PZET014	52020555	44,1x10,0x129,4	30	1
						EX	PZET015	52020507	36,4x10,0x129,4	45	1
						IN	PZET016	19.006.008	36,5x7,0x123,2	45	9
						EX	PZET017	19.006.009	33,0x7,0x123,2	45	9




Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
ZIL (ZIL) BENZYNA											
ENG. ЗИЛ-130	ZIL 130	62-94	5969 ccm	110-125 kW (150-170 PS)	100 / 8	IN	PZIL001	130-1007010-B	50,5x11,0x142,6	30	2
	ZIL 131	66-02					EX	PZIL002	130-1007015-B	41,0x11,0x142,6	45



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer AMP 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka 
ZÜNDAPP BENZYNA											
KS 750		40-48	751 ccm	19,1 kW (26 PS)	75 / 2	IN/EX	PZUN001		35,0x9,0x90,0	45	9



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/EX	Numer 	Numer oryginalny	D x d x L 	Kąt przyłgni 	Typ zamka
ŻUK BENZYNA											
ENG. S-21 (OHV)	Żuk A11B	76-98	2120 ccm	51,5 kW (70 PS)	81,4 / 4	IN EX	PZUK001	S21-1007012-2	40,5x9,0x119,5	45	2
							PZUK002	S21-1007013-1	33,5x9,0x119,5	45	2



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