



KAMYON • OTOBÜS • ÇEKİCİ ARAÇLAR
TRAKTÖR • İŞ MAKİNALARI
ENDÜSTRİYEL MOTORLAR
BUS • TRUCK • AGRICULTURAL
HEAVY DUTY • INDUSTRIAL ENGINES
LKW • LASTKRAFTWAGEN

CATALOGUE 2014

the
POWER
in your engine...



YENMAK
ENGINE PARTS

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Production Facilities

Yenmak 1965 Yılında Kazım, Mustafa ve Fethi KAHVECİOĞLU tarafından küçük bir atölyede motor gömleği ile üretimine başladı.

Motor silindir gömleği üretimi ile kazandığı deneyim ve birikim ile 1995 yılında Konya Organize Sanayi bölgesinde kurmuş olduğu ileri teknoloji üretim hatlarına sahip piston fabrikası ile piston üretimine de başlamıştır.

Kalite standartlarını dünya standartlarına uygun hale getiren YENMAK, kendi markası ile üretilip pazarladığı ürünlerin kalitesinin ISO 9001 ve ISO/TS 16949 kalite yönetim sistemleri ile devamlılığını sağlamaktadır.

Toplamda 350 çalışanı ile OEM ve orijinal yedek parça sektörüne başarı ile ürün üretmeye devam ediyor.

YENMAK Incl. Co. Was founded in 1995 by Kazım, Mustafa and Fethi KAHVECİOĞLU in a small atelier.

In time YENMAK gained experience in cylinder liner production and founded the advanced technology piston production facility in the second industrial area in Konya in 1995.

YENMAK predisposed his own standards to international accepted quality management standards ISO 9001:2008 and ISO TS 16949 and ensure the continuity.

YENMAK employs 350 people totally withing all facilities and continues the successful production for OEM and original automotive spare part (Aftermarket) sector .



HEAD OFFICE & LOGISTICS / GENEL MERKEZ ve LOJİSTİK



PISTON & PISTON PIN PRODUCTION FACILITY / PİSTON VE PİSTON PİMİ ÜRETİM TESİSİ



CYLINDER LINER PRODUCTION FACILITY / SİLİNDİR GÖMLEĞİ ÜRETİM TESİSİ



ENGINE PARTS

P packaging

2003 yılından itibaren Yenmak ürünleri aşağıda gördüğümüz formatta ambalajlanıp pazarda yerini aldı.

Ambalaja ait detayları bulacağınız bilgiler aşağıda yer almaktadır:

Since 2003, Yenmak products can be packed according to the format shown below and taked place in the market.

Find detailed information in the below about packaging:

Özel ağız kapamalarımız sayesinde ürüne ilk ulaşan siz olun.

Be the first to reach the product thanks to special label.



Kutu üzerine yapıştırılan ve içindeki ürünleri tanıtmaya yönelik kutu etiketi.

Box label that pasted on the box for promote to products.

Ürün güvenliğinin sağlanması amacı ile kutu üzerine entegre halde bulunan 3D güvenlik hologramı.

Integrated 3D safety hologram on the box for the aim of ensuring product safety.



Ürün güvenliğinin sağlanması amacıyla uygulanan kutu altı güvenlik etiketi.
Box bottom safety label with the purpose of product safety ensurance.



ISO 16949



CERTIFICATE TUV NORD

Management system as per
ISO/TS 16949:2009
(3rd edition, 2009-06-15)

Evidence of conformity with the above standard has been furnished and is certified
in accordance with TUV NORD CERT procedures for

Yenmak Piston Segman San. ve Tic. A.Ş.
2. Org. San. Böl., Kırım Cad., Sarıçiçek Sok., No 12, Selçuklu
42050 Konya
Turkey

with the functions according to appendix

Scope:

Production of pistons and piston pins for internal combustion engines
without product design responsibility (according to section 7.3)

IAF Registration No. 0127313
Certificate Registration No. 44 111 115647

Valid from 2011-09-26
Valid until 2014-09-25

Kaas
Certification body
at TUV NORD CERT GmbH

Essen, 2011-09-26

This certification was conducted in accordance with the TUV NORD CERT auditing and certification procedures and is
subject to regular surveillance audits.

TUV NORD CERT GmbH Langemarkstrasse 20 45141 Essen www.tuv-nord-cert.com



02-IAO-QMC-01021

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SERTİFİKA TUV NORD

ISO/TS 16949:2009'a göre
(3. Baskı, 2009-06-15)
Yönetim Sistemi

Belirli standartla uyumluk kanıtlanmış ve TUV NORD CERT prosedürlerine göre,
aşağıda yer alan kuruluş için belirlenmektedir:

Yenmak Piston Segman San. ve Tic. A.Ş.
2. Org. San. Böl., Kırım Cad., Sarıçiçek Sok., No 12, Selçuklu
42050 Konya
Türkiye

Destek Fonksiyonları (Ek'e belirtilmiştir)

Kapsam:

İçten yanmalı motorlar için piston ve piston pimi üretimi
Ürün tasarımı sorumluluğu hariç (Madde 7.3'e göre)

IAF Tescil No 0127313
Sertifika Tescil No 44 111 115647

2011-09-26 tarihinden
2014-09-25 tarihine kadar geçerlidir

Kaas
TUV NORD CERT GmbH -
Sertifikasyon Merkezi

Essen, 2011-09-26

İşbu sertifikasyon TUV NORD CERT'in belgeli ve belgelendirme prosedürlerine göre gerçekleştirilmiştir ve düzenli aralıklarla
yapılan gözlem tetkiklerine tabidir.

TUV NORD CERT GmbH Langemarkstrasse 20 45141 Essen www.tuv-nord-cert.com



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Sayfa 1/2

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TEKNİK TANIMLAMALAR TECHNICAL DEFINITIONS

1- İmalatçı, Motor ve Araç Bilgileri

Sıralı , V-Motor, I-Tipi Motor, Kompresor
Benzin, Dizel, LPG (Propan), Kurşunsuz
Enjeksiyonlu, Katalik Konvertörlü, Karbüratörlü
Hava Soğutmalı , Su Soğutmalı

1-Manufacturer, Engine and Vehicle Data

In-Line Engine, V-Engine, I-Engine, Compressor
Gasoline, Diesel, Natural (Propane), Multi-Fuel
Injection, Catalytic Converter, Carburetor
Turbocharged, Intercooled
Air-Cooled, Water Cooled

2- Silindir Sayısı

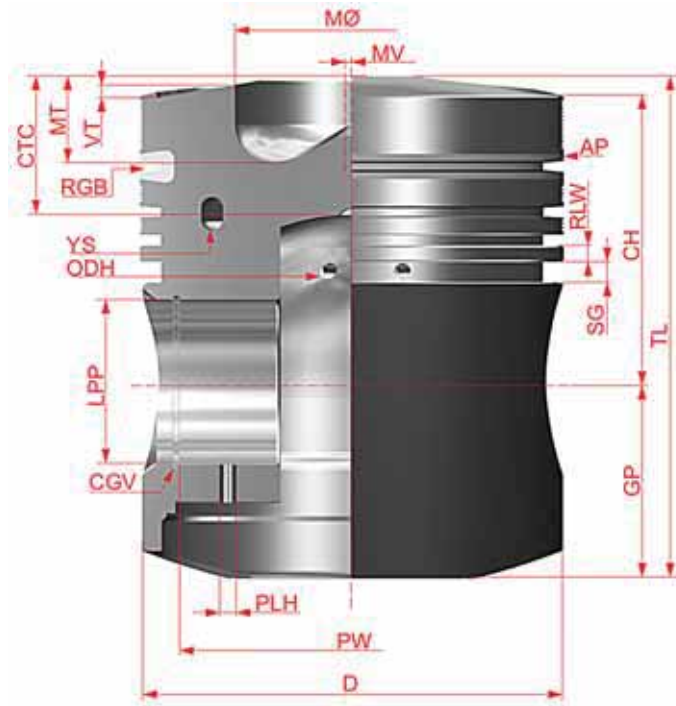
3-Nominal Silindir Çapı

4- Başlıca Piston Ölçüleri

2-Number of Cylinders

3-Nominal Cylinder Diameter

4- Principal Piston Dimensions

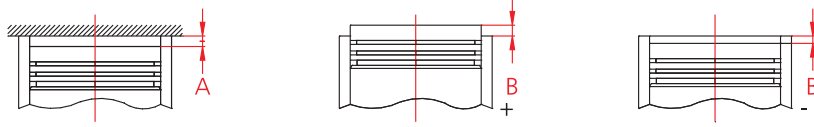


D = Çap (Silindir çapı)
CH = Kompresyon yüksekliği +
Fazlalık - Yanma hücre derinliği
TL = Toplam yükseklik
GP = Etek boyu
MØ = Yanma odası çapı
MT = Yanma odası derinliği
CTC = Piston başı et kalınlığı
RLW = Yuva ara set yüksekliği
LPP = Pim deliği çapı
MV = Yanma Odası eksen kaçıklığı
RGB = Segman yuvası dış çapı
CGV = Pim emniyet segman yuvası
PW = Pim boyu
YS = Yağ soğutma kanalı
ODH = Yağ dönüş delikleri
PLH = Pim yağlama delikleri
VT = Supap derinliği
SG = Segman kanal genişliği
AP = Segman taşıyıcı

D = Diameter (Cylinder bore)
CH = Compression height + Dome - Cavity
TL = Total height
GP = Piston skirt length
MØ = Combustion chamber diam.
MT = Combustion chamber depth
CTC = Piston crown head thickness
RLW = Ring land width
LPP = Pin hole diameter
MV = Combustion chamber axial run-out
RGB = Ring groove outside diameter
CGV = Snap ring groove
PW = Pin length
YS = Oil cooling gallery
ODH = Oil drain holes
PLH = Pin lubricating holes
VT = Valve seat depth
SG = Ring groove width
AP = Ring carrier

5-Piston Mesafe Ölçüleri

- A - Silindir kafasına kadar olan ölçü
- B - Blok yüzeyinden piston başındaki ölçü

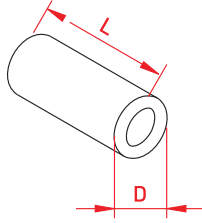


5-Piston Description Of Clearance Dimensions

- A - Clearance measured to cylinder
- B - Clearance measured to the top of the cylinder block.

6-Piston Pim Ölçüleri

- L = Pim boyu (mm)
- D = Pim dış çapı (mm)
- PDB = Piston pim deliği burçlu



6-Piston Pin Dimensions

- L = Pin length (mm)
- D = Pin outside diameter (mm)
- PDB = Pin boss bushing

Genel Segman Montaj Talimatı

İyi bir çalışma sağlayabilmek için segmanlar, en alttaki yağ sıyırma segmanından başlamak üzere piston yuvalarına sırasıyla yerleştirilmelidir. Segmanlar sağa sola eksenel yönde eğilmemelidir. Segmanların, segman pensesi ile ve gerektiğinden fazla açılmadan piston üzerinden geçirilmeleri sağlanmalıdır. Eğer fazla açılırlarsa segmanlar ya kırılırlar ya da kalıcı deformasyona uğrarlar. Deformasyona uğramış segmanlar görevlerini tam olarak yerine getiremezler.

Bir yüzeyinde YEN veya TOP markalaması bulunan segmanların markalamasının bulunduğu yüzleri yanma odasına bakacak şekilde yuvalarına takılmalıdır. Üzerinde herhangi bir markalama olmayan segmanlar her yönde takılabilir.

Spiral yaylı yağ segmanı montajı için önce spiral yayı segman yuvasına yerleştirip yayların ucunu birleştiriniz. Sonra dökme demir segmanı açarak yuva içindeki yayın üzerine yerleştiriniz. Bunu yaparken yayın uçlarının birleştiği yerin, segman ağzının tamamen karşı tarafına, yani segmanın sırt kısmına isabet etmesine dikkat ediniz.

General Piston Ring Assembly Instruction

To ensure a good working piston rings, starting from the lowest to the oil scraping piston ring should be placed into the piston grooves, respectively. Piston rings should not be bent in the axial direction from left to right. Piston rings should not be opened more with piston ring pliers while piston rings are assembled on the piston. If piston rings are opened more, piston rings are broken or permanently deformed. Deformed piston rings have not fulfilled their duties fully.

Located on a surface of piston rings YEN or TOP marks in the marking of the surface into the combustion chamber should be assembled into the piston ring grooves. Without any marking on the piston rings can be assembled in every direction.

At first coil spring should be assembled into piston ring groove and coil spring edges are jointed for spring loaded piston ring assembling. After the cast iron piston ring is assembled on the coil spring. In doing so, jointed coil spring edges should be located opposite to piston ring end gap, in other words coil spring edges should be located at the piston ring crown.

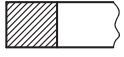
Segman kaplama ve yüzey işlemleri

- Ck = Krom Seramik
- Cr = Krom Kaplama
- Mo = Molibden Kaplama
- P = Fosfat Kaplama
- Fe = Ferrokisit Kaplama
- Cu = Bakır Kaplama
- Nt = Nitrit Kaplama
- Sn = Kalay Kaplama

Ring coating and surface treatments

- Ck = Chrome Ceramic
- Cr = Chrome Coating
- Mo = Molybdenum Coating
- P = Phosphated Coating
- Fe = Ferroxyd Coating
- Cu = Copper Coating
- Nt = Nitrided Coating
- Sn = Tin Coating

TEKNİK TANIMLAMALAR TECHNICAL DEFINITIONS



D = Dikdörtgen segman
Rectangular ring



D-IF = İç kenar üst yüzey pahlı dikdörtgen segman
Rectangular ring with internal bevel on top



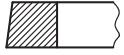
D-IFU = İç kenar alt yüzey pahlı dikdörtgen segman
Rectangular ring with internal bevel on bottom



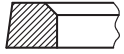
D-IW = İç kenar üst yüzey kademeli dikdörtgen segman
Rectangular ring with internal step on top



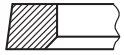
D-IWU = İç kenar alt yüzey kademeli dikdörtgen segman
Rectangular ring with internal step on bottom



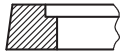
K = Konik segman
Taper faced ring



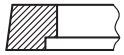
K-IF = İç kenar üst yüzey pahlı konik segman
Taper faced ring with internal bevel on top



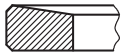
K-IFU = İç kenar alt yüzey pahlı konik segman
Taper faced ring with internal bevel on bottom



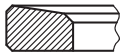
K-IW = İç kenar üst yüzey kademeli konik segman
Taper faced ring with internal step on top



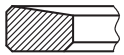
K-IWU = İç kenar alt yüzey kademeli konik segman
Taper faced ring with internal step on bottom



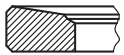
TT = Tek taraflı trapez segman
Half keystone ring



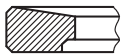
TT-IF = İç kenar üst yüzey pahlı tek taraflı trapez segman
Half keystone ring with internal bevel on top



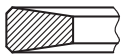
TT-IFU = İç kenar alt yüzey pahlı tek taraflı trapez segman
Half keystone ring with internal bevel on bottom



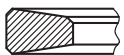
TT-IW = İç kenar üst yüzey kademeli tek taraflı trapez segman
Half keystone ring with internal step on top



TT-IWU = İç kenar alt yüzey kademeli tek taraflı trapez segman
Half keystone ring with internal step on bottom



T = Çift taraflı trapez segman
Keystone ring



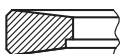
T-IF = İç kenar üst yüzey pahlı çift taraflı trapez segman
Keystone ring with internal bevel on top



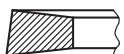
T-IFU = İç kenar alt yüzey pahlı çift taraflı trapez segman
Keystone ring with internal bevel on bottom



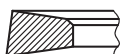
T-IW = İç kenar üst yüzey kademeli çift taraflı trapez segman
Keystone ring with internal step on top



T-IWU = İç kenar alt yüzey kademeli çift taraflı trapez segman
Keystone ring with internal step on bottom



TK = Çift taraflı trapez konik segman
Taper faced keystone ring



TK-IF = İç kenar üst yüzey pahlı çift taraflı trapez konik segman
Taper faced keystone ring with internal bevel on top



TK-IFU = İç kenar alt yüzey pahlı çift taraflı trapez konik segman
Taper faced keystone ring with internal bevel on bottom



TK-IW = İç kenar üst yüzey kademeli çift taraflı trapez konik segman
Taper faced keystone ring with internal step on top



TK-IWU = İç kenar alt yüzey kademeli çift taraflı trapez konik segman
Taper faced keystone ring with internal step on bottom



N = Burun sıyrıcı segman
Napier ring



N-IF = İç kenar üst yüzey pahlı burun sıyrıcı segman
Napier ring with internal bevel on top



N-IFU = İç kenar alt yüzey pahlı burun sıyrıcı segman
Napier ring with internal bevel on bottom



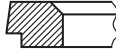
N-IW = İç kenar üst yüzey kademeli burun sıyrıcı segman
Napier ring with internal step on top



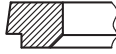
N-IWU = İç kenar alt yüzey kademeli burun sıyrıcı segman
Napier ring with internal step on bottom



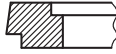
TN = Burun sıyrıcı konik segman
Taper faced napier ring



TN-IF = İç kenar üst yüzey pahlı burun sıyrıcı konik segman
Taper faced napier ring with internal bevel on top



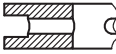
TN-IFU = İç kenar alt yüzey pahlı burun sıyrıcı konik segman
Taper faced napier ring with internal bevel on bottom



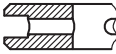
TN-IW = İç kenar üst yüzey kademeli burun sıyrıcı konik segman
Taper faced napier ring with internal step on top



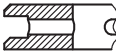
TN-IWU = İç kenar alt yüzey kademeli burun sıyrıcı konik segman
Taper faced napier ring with internal step on bottom



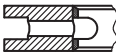
SC = Yarıklı yağ kontrol segmanı
Slotted oil control ring



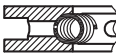
DC = Pahlı yağ kontrol segmanı
Bevelled edge oil control ring



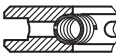
DB = Çift Pahlı yağ kontrol segmanı
Double bevelled oil control ring



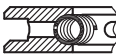
ES = Yaprak yaylı yarıklı yağ kontrol segmanı
Slotted oil control ring with expanderspring



SY = Spiral yaylı yarıklı yağ kontrol segmanı
Coil spring loaded slotted oil control ring



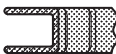
DY = Spiral yaylı kenarları pahlı yağ kontrol segmanı
Coil spring loaded bevelled edge oil control ring



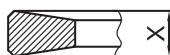
PS = Spiral yaylı kenarları çift pahlı yağ kontrol segmanı
Coil spring loaded double bevelled oil control ring



VF = Çelik bantlı VF yaylı yağ kontrol segmanı
Multi-piece steel-rail oil control



UB = Çelik bantlı U tipi yağ kontrol segmanı
U-flex ring (Multi-piece)



X = Segman kalınlığı (mm) / Ring thickness (mm)

Genel Piston Montaj Talimatı

1- Pistonun monte edileceği silindir iç yüzeyinde baklavamsı honlama çizgileri olmalıdır. Şayet montaja hazır piston kullanılmış ve/veya aşınmış silindire monte edilecekse, silindir iç yüzeyi honlama çizgilerinin uygunluğu açısından kontrol edilmelidir. Eğer silindir iç yüzeyinde honlama çizgileri kısmen veya tamamen kaybolmuş ve parlak bir yüzey oluşmuşsa, silindir iç yüzeyi honlama çizgileri tekrar oluşacak şekilde honlanmalıdır.

2- Bütün pistonlar, doğru ölçülü bir silindir içine monte edildiklerinde belirlenmiş olan doğru piston-silindir çalışma boşluğu oluşturmaları için hassas olarak imal edilirler. Silindir iç çapları, kutu üstündeki etiketlerde gösterilen ölçülere uygunluklarını kontrol etmek ve bu şekilde yeniden işlenmelerinin gerekli olup olmadığını saptamak için kontrol edilmelidir. Yıpranmış silindirlerin iç çapları üst ölçüye işlenmesi gerektiğinde, üst ölçü nominal çapı 0.000-0.020 mm toleransında işlenmesi tavsiye edilir.

3- Montaja hazır pistonlardan piston pimi, piston ve pime zarar vermeyecek şekilde uygun metodlarla çıkarılmalıdır. Piston pimleri ilgili pistonlara ölçüsel uygunlukları sağlanacak şekilde eşleştirilerek monte edilmiştir, rastgele değiştirilmemelidir.

4- Segmanların pistonla takılması esnasında segmanları deforme etmeyecek ve pistonu zarar vermeyecek şekilde uygun ekipman kullanınız. Pistonun silindire montajı esnasında uygun bir segman sıkma kelepçesi veya konik montaj kovanı kullanınız. Uygun şekilde segman sıkma işlemi gerçekleştirildikten sonra pistonu silindir içerisine aşırı kuvvet uygulayarak veya vurarak monte etmekten kaçınılmalı, parmak kuvveti ile dikkatlice monte edilmelidir.

5- Pistonun silindire montajından önce pistonun dikkatlice temizlenmesi ve özellikle piston pim deliğinin temizlenerek yağlanması önemlidir. Montaj öncesi silindir içleri ilk çalışma esnasında yağlama gerçekleşene kadar piston ve silindirin zarar görmemesi için iyice yağlanmalıdır.

6- Şayet piston tepe kısmında montaj yönünü belirtir işarete yönelik markalama mevcutsa, montaj esnasında bu işaret dikkate alınarak uygun şekilde montaj gerçekleştirilmelidir.

7- Pistona, piston pimine ve segmana zarar vermemek için azami dikkat gösteriniz.

8- Pistonlar genel kabul gören normlar doğrultusunda birlikte kullanılacakları diğer parçalara uygun üretilmektedir. Bu sebeple sonradan üzerinde işlem yapmayınız.

9- Pim ve emniyet segmanları yeniden kullanılmamalıdır, her zaman yeni pim ve emniyet segmanı kullanınız.

10- Montajda kullanılacak biyel kolunun doğrusallığının kontrolü, doğabilecek çok ciddi sorunların önüne geçilmesi açısından önemlidir. Biyel kolunun doğrusallığı, montaj öncesinde uygun cihazlarla yeniden kontrol edilmelidir.

NOT: Bu montaj talimatında belirtilenlere uygun hareket edilmelidir. Talimata uygun olmayan montajdan kaynaklanacak sorunlardan üretici sorumlu tutulamaz.

General Piston Ring Assembly Instruction

General Piston Assembly Instruction

1. The inner surface of the piston cylinder should be rhombic honing lines. If ready assembled piston used and / or assembling to worn cylinder, cylinder rhombic honing lines should be controlled for suitability. If the inner surface rhombic honing lines partially or completely lost and the inner surface has a polished surface, the inner surface should be honed to rebuild rhombic honing lines.

2. All pistons are manufactured sensitive for piston-cylinder make up a correct running clearance when the pistons are assembled inside of the cylinders. Inner diameters of the cylinders should be controlled for suitability according to measurements that they are located on the label shown on the box. If inner diameters of the cylinders are not suitable, the cylinders should be remanufactured. Inside diameters of the worn cylinders must be manufactured to measure the top, the top measure nominal diameter should be manufactured with 0.000-0.020 mm tolerance that this tolerance range is recommended.

3. Piston pin should be removed without damage to piston and piston pin from ready for assembly of the pistons. Piston pins are assembled their relevant pistons according to suitable piston measurements, the piston pins must not be changed randomly.

4. During the assembly of the piston rings, should be used suitable equipment for not deformed piston rings and damaged pistons. During the assembly of the piston in the cylinder, should be used suitable piston ring compressor or tapered assembling sleeve. After piston rings has been clamped in accordance with procedures, pistons must not be assembled with using excessive force or hitting, the pistons must be assembled carefully with finger force.

5. Piston and piston pin must be cleaned carefully and especially piston pin hole must be lubricated before assembling the piston in the cylinder. Before the assembly, inside of the cylinders must be lubricated for during the first engine starting and until lubricating, prevent damage to the cylinders.

6. If assembly direction signs marking locates on the piston crown, during the assembly this direction signs must be taken into consideration for assembly.

7. Please pay utmost attention for avoid damage to piston, piston pin and piston ring.

8. Pistons are manufactured in the direction of generally accepted norms according to the other parts that the other parts are used with the pistons. Therefore, do not make any operation on the pistons.

9. Pins and snap rings should not be used again, please always use a new pin and snap ring.

10. Controlled of piston rods linearity is very important for prevent serious problems. Before assembly, linearity of the connecting rods must be re-controlled again with appropriate equipments.

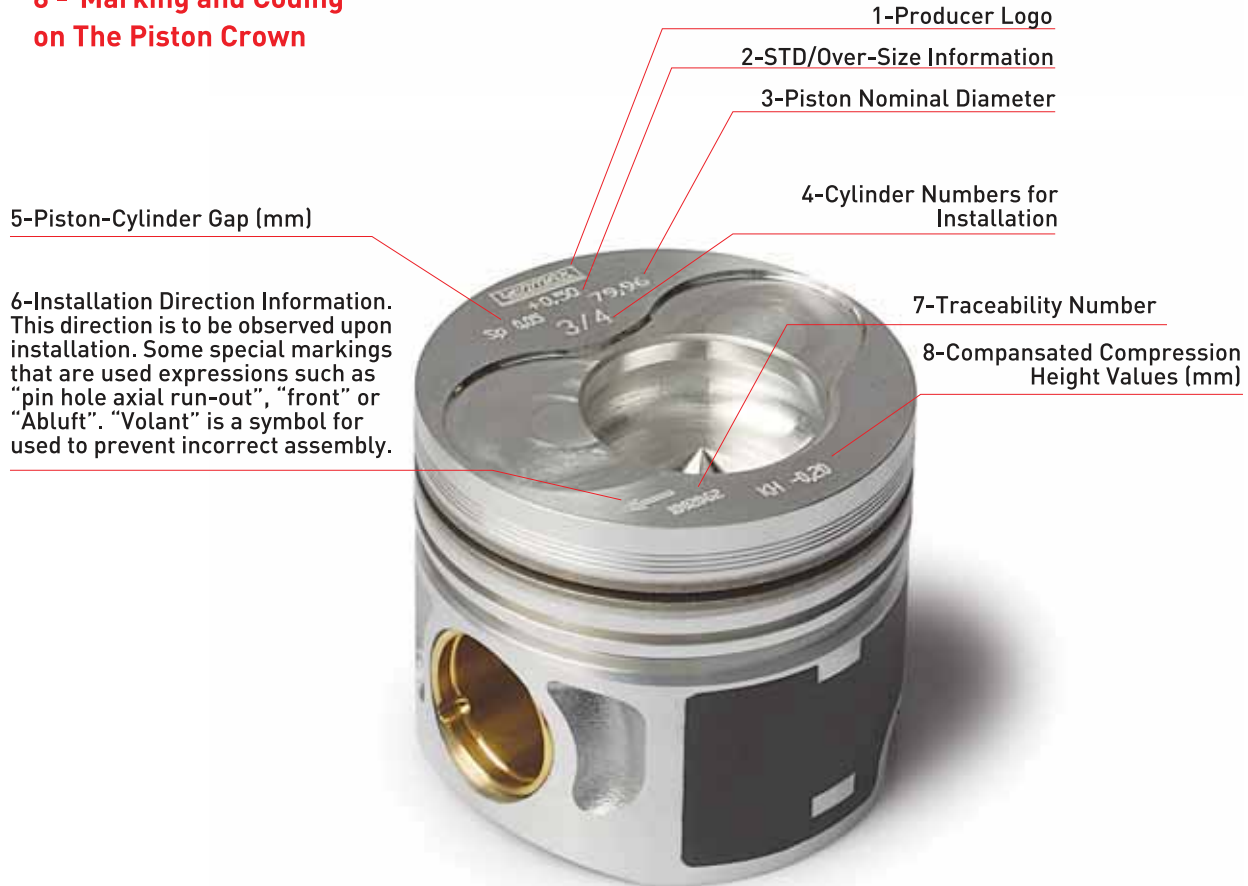
NOTE: Should act in accordance with specified in this assembly instructions. The manufacturer is not liable for faulty assembly problems result from fail to comply instructions.

TEKNİK TANIMLAMALAR TECHNICAL DEFINITIONS

8 - Piston Başındaki İşaretler



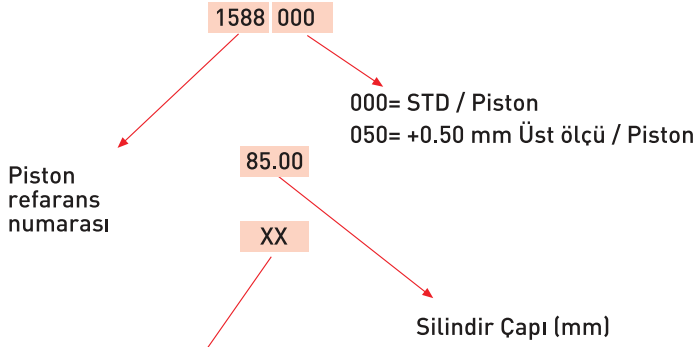
8 - Marking and Coding on The Piston Crown



TEKNİK TANIMLAMALAR TECHNICAL DEFINITIONS

9 - Piston Referans Numarası

Örnek

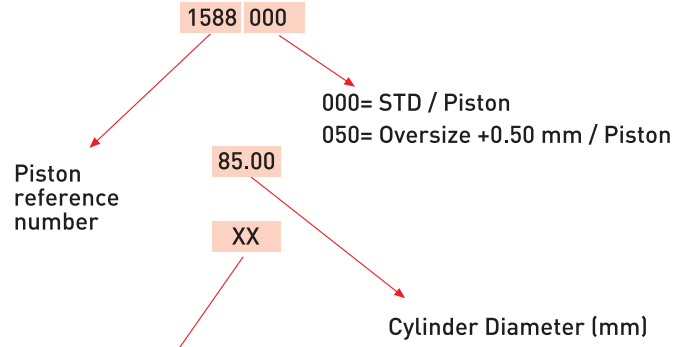


Piston Özellikleri

- AP = Alfinli Piston
- DAP = Çift Alfinli Piston
- HA = Üst kısmı sert anodized kaplama
- YS = Yağ soğutmalı piston

9 - Piston Reference Number

Example

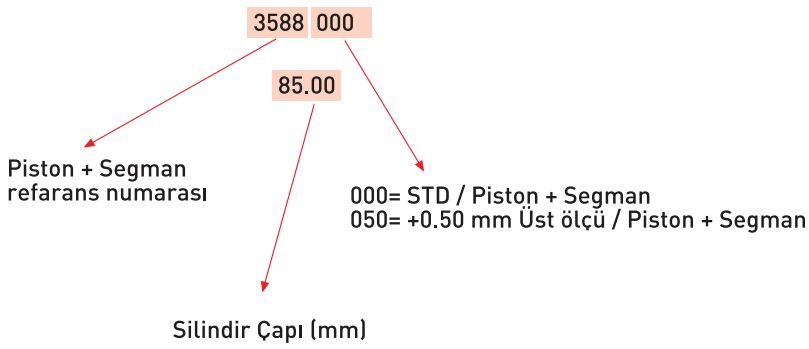


Piston Specifications Code

- AP = Ring insert
- DAP = Duple Ring insert
- HA = Hard-anodized crown
- YS = Cooling galery

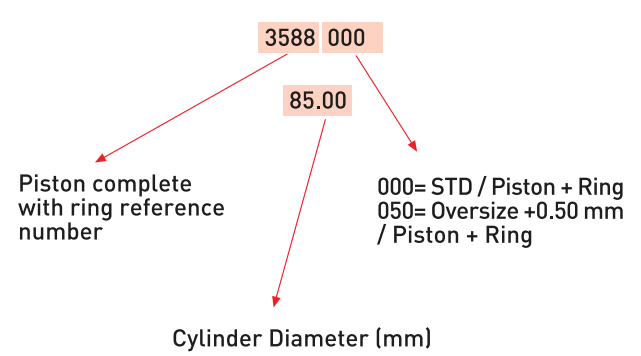
10 - Piston + Segman Referans Numarası

Örnek



10 - Piston Complete With Ring Reference Number

Example



11 - G mlek Referans Tanımlamaları

Standart g mlek referans numarası,

 rnek : 5840 000

Farklı g mlek referans numarası,

 rnek : 5840 050

G mlek referans numarasının sonunda bulunan 3 rakam, g mleğin farklı olduėu dıř  ap  l s  veya M.A.N. ve Daimler Mercedes-Benz'in bazı sulu g mleklerinde ise, fatura boyu  l s n n milimetre olarak farkını g sterir.

G mlek tip kodlamaları ise řu řekildedir

FF = T m  l leri bitmiř sulu ve kuru tip g mlekler.

SF = İ   l s  paylı, diėer  l leri bitmiř kuru g mlekler.

11 - Liner Reference Definations

Reference number for standart liner,

example : 5840 000

Reference number for oversize liner,

example : 5840 050

Last three digits means of difference from OD of standart dimension for dry type liners or flange height of some M.A.N. and Daimler Benz's wet liners by milimeter.

Liner type codes;

FF = Full finished dry and wet liners.

SF = Semi finished dry liners.

12 - Kit, Set, Referans Tanımlamaları

Kullanılan 4 rakamlı referans numarası; G mlek, piston, segmanlar ve pimi ihtiva eden KIT numaralarıdır. ** rnek** ; 7629

K ve S kodları;  r nlerin KIT veya SET olabileceėini g sterir. Eėer K ise; t m  montaj edilmiř bir kutuda, S ise; piston, segmanlar ve pim aynı kutuda, g mlek ise ayrı kutuda veya yan yana montaj edilmemiř manasına gelir.

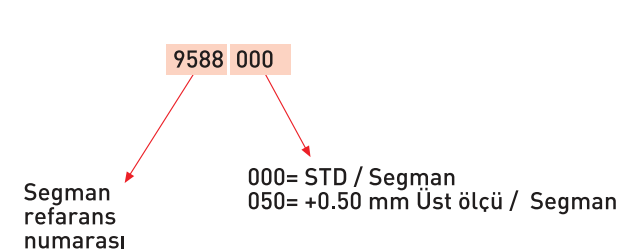
12 - Kit, Set Reference Definations

Four digits numbers includes reference number of liner, piston, pin and rings. **Example**; 7629

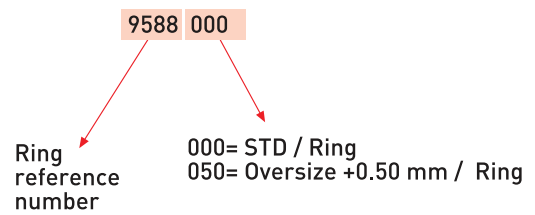
K and S codes are meaning of KIT or SET availability. If the code is K then assembly has been in the same box and montaged.

Else the code is S, it means of the piston, pin and rings in same box but liner is seperated.

13 - Piston + Segman Referans Numarası



13 - Piston Complete With Ring Reference Number



SİLİNDİR GÖMLEĞİ TEKNİK AÇIKLAMA

TSE 482' ye Göre Silindir Gömleklerinin Tanımı:

Silindir gömlekleri içten yanmalı motorlarda, silindir blokuna takılan, içinde pistonun hareket ettiği ve yakıtın yandığı, silindir biçiminde kır döküm makine elemanıdır. Motor Silindir Gömlekleri iki sınıfta incelenebilir.

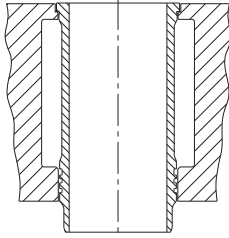
Yaş Silindir Gömlekleri:

Takıldıkları silindir blokunda dıştan su ile soğutulan gömleklerdir. 3 ana grupta toplanır:

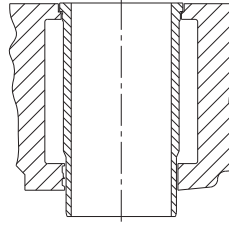
a- Flanşlı ve Kanallı: Silindir blokuna, üstten flanşla oturan, alt kısmında motor soğutma suyunun sızmasını sağlamak için conta kanalları bulunan gömleklerdir.(Şekil-1)

b- Flanşlı ve Kanalsız: Silindir blokuna, üstten flanşlı oturan ve alt kısmında conta kanalları bulunmayan gömleklerdir. Sızdırmazlık contaları blokta açılan kanallarda bulunur. (Şekil-2)

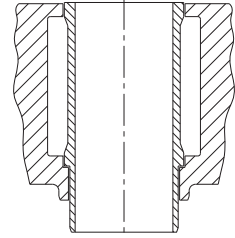
c- Çift Flanşlı:Silindir blokuna, motor soğutma suyunu kaçırmayacak şekilde üstten ve alttan flanşlı ve contalı olarak tespit edilen Silindir Gömleklerdir.(Şeki-3)



Şekil-Figure



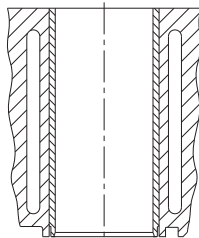
Şekil-Figure



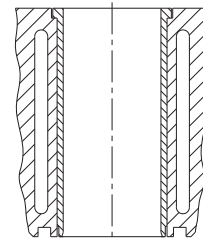
Şekil-Figure

Kuru Silindir Gömlekleri:

Takıldıkları silindir blokunda soğutma suyu ile direkt olarak temas etmeyen gömleklerdir. Şekil yönünden 2 ana sınıfa incelenebilir: Flanşlı (Şekil-4) Flanşsız-Düz (Şekil-5)



Şekil-Figure



Şekil-Figure

TECHNICAL EXPLANATIONS OF CYLINDER LINERS

Definition of Cylinder Liners according to TSE 482:

In the internal combustion motors the cylinder liners are cast machine elements that are placed in the cylinder block and in which the piston moves and the fuel is combusted. The Engine Cylinder Liners may be examined in two classes:

Wet Cylinder Liners:

These are liners that cool the cylinder block that they are placed in with external water. These are classified in 3 main groups:

a- Flanged and Channeled; these are liners that are placed on the cylinder block from the top with a flange and that have seal channels to prevent the leakage of motor cooling water in the lower section (Figure-1)

b- Flanged and without channel; these are liners that are placed on the cylinder block from the top with a flange and that do not have seal channels to prevent leakage.(Figure2)

c- Double Flange; These are the Cylinder Liners that are fixed on the cylinder block from the top and bottom with a flange and seal in a way to prevent water leakage.(Figure3)

Dry Cylinder Liners:

These are the liners that do not come into direct contact with the cooling water in cylinder block that they are placed. They can be classified under 2 main groups in term of shape:

Flanged (figure-4) Flangeless-plain (figure-5)

SİLİNDİR GÖMLEKLERİNİN MONTAJINDA DİKKAT EDİLECEK HUSUSLAR

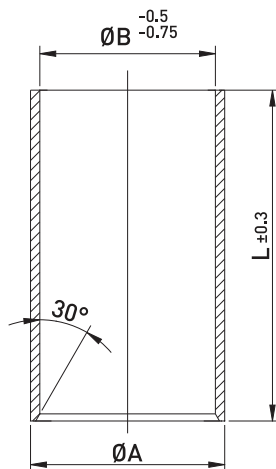
KURU SİLİNDİR GÖMLERİ İÇİN MONTAJ TALİMATI

Kuru silindir gömlekleri Flanşlı ve flanşsız olarak imal edilir. (Şekil-6) Kötü çalışma şartları altında bulunan flanşsız gömleklerde pistonun takılması halinde eksenel yönde sık sık görülmesi muhtemel olan kaymalara flanşlı gömleklerde rastlanmaz. Bu da flanşın sağladığı bir avantajdır.

Gömlekler, silindire preslenmeden önce mutlaka silindirler aşağıdaki listede gömlek dış çapı için (A) gösterilen Nominal ölçülere uygun olarak ya taşlanır veya hassas tornalama ve honlama işlemine tabi tutulur. Aşağıdaki toleranslara özellikle dikkat edilmelidir. (Şekil-7) Aksi takdirde ön gerilim çok düşük ise ısı transferinin sıhhatli olmayacağı, ön gerilim çok yüksek ise çok ince cidarlı olan gömleklerin silindire uyumsuzluklar sebep olma tehlikesini doğuracağı ve bu yüzden işletme arızalarına sebebiyet vereceği, ortaya çıkması muhtemel olan hususlardır. Dış çapları nihai ölçü olarak işlenen kuru gömlekler iç çapları yaklaşık olarak 0.5-0.75 mm küçük olarak tormalanarak sevk edilir.

Flanşlı kuru gömleği silindir bloğuna presle monte ederken, flanşın kopmasını önlemek maksadı ile, blokta flanş için işlenen deliğin, flanşın dış çapından (C) daha büyük olarak işlenmesi gerekir.

Flanşlı kuru gömlekler, pres geçme yapılırken, flanşın alt yüzeyinin bloktaki yuvanın oturma yüzeyine çok iyi bir şekilde oturması sağlanmalıdır.



Şekil-Figure 6

THE MATTERS TO BE TAKEN INTO CONSIDERATION IN ASSEMBLY OF CYLINDER LINERS

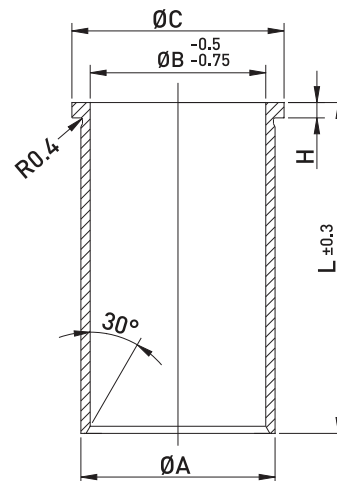
ASSEMBLY INSTRUCTIONS FOR DRY CYLINDERS LINERS

The dry cylinder liners are produced with or without flange. (Figure-6) The displacement frequently seen case of blocking of the piston in the flangeless liners that are under unsuitable operating conditions is not encountered in flanged liners. And this is an advantage that is provided by the flange.

Prior to the pressing of the liners to the cylinder, the cylinders are ground or fine machined in accordance with the rated dimensions specified for liner outer diameter (A) The following tolerances must be observed (Figure-7) Otherwise, the risk of unhealthy heat transfer in case of low pre-tension, incompliance with the cylinders with thin walls in case of high pre-tension and thus operation defects may be encountered. The internal diameter is approximately 0.5-0.75 mm dry liners with final outer diameter dimensions.

When assembling the flanged dry liner to the cylinder block by pressing, the hole processed for flange should be greater than the outer diameter (C) of the flange to prevent breaking of the flange.

When press assembling the flanged dry liner to the cylinder it should be made sure that the lower section of the flange is placed precisely on the having block.



Şekil-Figure 7

Bilindiği gibi gömlekler, flanşın alt tarafında yaklaşık 0.8 mm lik bir radyüse sahiptir. Gömleğin bloka montajında bu radyüsün oturmasını önlemek için, blokta flanşın oturduğu geçiş bölgesine 1.0 mm lik bir pah verilmelidir. Aksi taktirde gömlek flanşının kopması kaçınılmazdır.

Yeni gömlekler monte edilmeden önce motor blokundaki silindirlere özenle temizlenmeli ve ölçüleri hassas olarak kontrol edilmelidir. Ovallık ya da koniklik 0.025 mm yi aşmamalıdır. Honlama yapılırken parlak bir yüzey elde edilmeye çalışılmalı ve motorun tipine göre yüzey pürüzlülük değerleri kontrol edilmelidir. Çok parlak ve pürüzsüz yüzeyler yağlamanın eksik olmasına sebep olacağı için bu durumdan kaçınılmalıdır.

Kuru silindir gömleklerinin presle basılmalarında 3000-5000 kg lık bir basınç yeterlidir. Montaj esnasında yağlama maddesi olarak katı bir madde kullanılacak olursa daha sonra ısıdan dolayı bu madde koklaşacak ve ısı tranferini zorlaştıracaktır. Presle yapılan montajdan sonra silindir blokunu conta yüzeyinden taşlamalar yüzey taşlama ile alınmalıdır.

Silindir bloğunun conta yüzeyini işleme tabi tutmak gerektiği taktirde, buna uygun olarak flanşın yuvadaki oturma yüzeyi daha derin işlenmelidir. Ayrıca dış çapları bitmiş ölçüde iç çapları ise hassas tornalanmış silindir gömlekleride mevcuttur. Bu gömlekler çok az bir honlama payına haiz olarak silindire preslenirler. Ve preslenmiş durumda honlanırlar. Silindirin iç çapı nominal ölçü toleransı +0 ile +0.015 mm. Silindir gömleğinin dış çapı ise nominal ölçü toleransı +0.012 ile 0.024 mm. arasındadır.

As it is known, the liners have a radius of 0.8 mm at the lower section of the flange. A tolerance of 1.0 mm should be given in the transition section on the block on which the flange is placed in assembly of the liner to the block in order to prevent placement of this radius. Otherwise the breaking of the liner flange is unavoidable.

Prior to mounting of the new liners, the cylinders on the motor block should be cleaned thoroughly and the dimensions should be controlled. The level of ovalness and conicity should not exceed 0.025 mm. When honing a bright surface should be provided and the level of surface roughness should be controlled according to the motor type. Excessively bright and smooth surfaces should be avoided due to the fact that they shall cause inefficient lubrication.

In pressing of the dry cylinder liners a pressure of 3000-5000 kg is efficient. If a solid substance shall be used as lubricator during assembly, this substance shall become coked, thus making the heat transfer difficult. Following the assembly by press the extrusions of the cylinder block from the seal surface should be removed by grinding.

If it shall be necessary to reprocess the seal surface of the cylinder block, the placement surface of the flange in the housing should be processed deeper. Moreover, liners with final outer dimensions and fine machined inner diameters are also available. These liners are pressed into the cylinders with a little honing tolerance and honed in pressed form. The rated dimension tolerance of the cylinder is between +0 and +0.015 mm. The rated dimensions tolerance of the outer diameter of the cylinder liner between 0.012 and 0.024 mm.

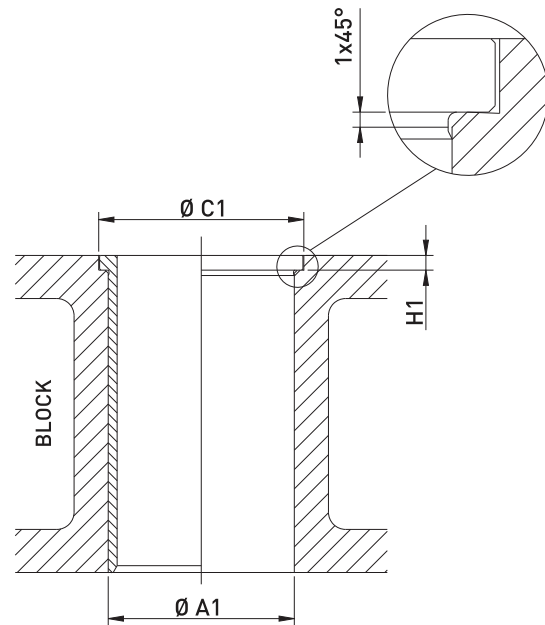
KURU SILİNDİR GÖMLEKLERİ İÇİN TOLERANS TABLOSU (mm)
TOLERANCE TABLE FOR DRY CYLINDER LINERS (mm)

	Liner Out Diametre Groups (mm) Gömlek Dış Çap Grupları (mm)		
	50 - 80	80 - 120	120 - 180
ØA	+0.03 +0.04	+0.04 +0.06	+0.05 +0.07
H	+0.2 -0	+0.2 -0	+0.2 -0
ØC	-0.06 -0.10	-0.06 -0.10	-0.06 -0.10

SİLİNDİR BLOK DELİĞİ İÇİN TOLERANS TABLOSU (mm)
TOLERANCE TABLE FOR CYLINDER BLOCK BORES (mm)

	Block Bore Diametre (mm) Blok Delik Çapları (mm)		
	50 - 80	80 - 120	120 - 180
Ø A	±0.01	±0.01	±0.01
H ₁	+0 -0.15	+0 -0.15	+0 -0.15
Ø C ₁	+0.10 +0.25	+0.10 +0.25	+0.10 +0.25

Şekil-Figure 8



Şekil-Figure 9

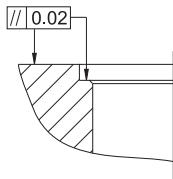
SULU SİLİNDİR GÖMLEKLERİ MONTAJ TALİMATI

YENMAK Motor Silindir Gömlekleri aşınmaya ve çekmeye karşı mukavim bir yapı özellikleri elde edilmesini sağlayan savurma döküm yöntemiyle imal edilir. Silindirde oturma yüzeylerinde tahribata sebep olmamak için eski gömlekler çıkartılırken büyük bir itina gösterilmelidir.

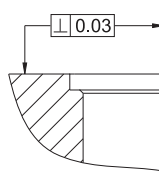
Motor blokunda silindirlerin temas yerleri kireç çamur ve diğer kirli maddelerden özenle temizlenmelidir. Temizlik esnasında çizilmeye yol açacak raspa, keski gibi aletler kullanılmamalıdır. Bu işlem için elverişli araç çelik telli fırçadır. Pas kireç tabakaları ile silindirde sabitleşen gömleklerin çıkarılması için üzerlerine konan bir araç takoz parçasına çekiçle vurulur, buna rağmen gömlek çıkartmak mümkün olmazsa o zaman hidrolik pres'e baş vurulur. Temizleme yapılırken oturma yüzeylerine son derece dikkat edilerek, hasar görmemeleri sağlanmalıdır.

Gömlek flanşı alt yüzeyinin oturduğu yüzey bloku yüzeyine paralel olmalı. (Şekil-10) da gösterildiği gibi düzgünlük ve düzlemsellik bakımından farklılık göstermemelidir. Ayrıca silindir eksenin, silindir blokunun conta yüzeyine dik olup olmadığı kontrol edilmelidir.(Şekil-11) Daima dikkat edilmesi gereken bir konuda silindirdeki oturma yüzeylerinin ezilerek tahrip edilmemeleridir.(Şekil 12) Gömlek flanş alt yüzeyindeki radyüsün (d) silindirdeki flanş oturma yüzeyi (a) daki köşeye oturmasını önlemek için silindir çapını (c) geçiş yaptığı noktada 0.5-1.0 mm. 45° lik bir radyüs verilmelidir.

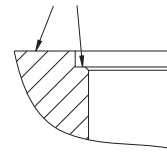
Kırılma tehlikesinin önlenmesi için sızdırmazlık kuvveti ile karşı kuvvet düşey olarak karşılıklı bulunmalıdır.



Şekil-Figure 10

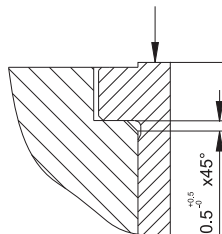


Şekil-Figure 11



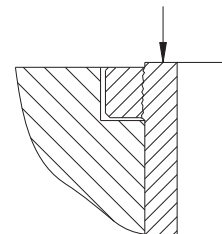
Şekil-Figure 12

Contaların delik çapı (b) ile gömleğin dış çapı (c) birbirine eşit olmalıdır. Yanma odasında tam bir sızdırmazlığın sağlanabilmesi için metal çerçeveli contaların kullanılması gerekir.



Şekil-Figure 13

The hole diameter (b) of the seals and the outer diameter (c) of the liner should be equal to one another. In order to provide for a full tightness the metal framed seals should be used.



Şekil-Figure 14

TEKNİK TANIMLAMALAR TECHNICAL DEFINITIONS

Gömleğin kolaylıkla yerleşip yerleşmediğini ve bloktaki silindirin çok büyük yahut çok geniş olup olmadığını tespit etmek için, gömlekler montajdan önce el ile Ring kullanmadan silindire sokulmalıdır. Bilhassa gömlek flanşının blok yüzeyine olan pozisyonunun doğru olup olmadığını tespit etmek için, montajdan önce gömlekleri ters çevirerek, flaş tarafından, flanş oturma yüzeyine yerleştirilmesi tavsiye edilir. Flanş bilindiği gibi, motorun soğumayan bölgesinde olup genişlemek durumundadır. Burada 0.3-0.5 mm. lik bir boşluk nazari dikkate alınmalıdır.

Bu montaj talimatında her fırsatta önemle vurgulanan şey, gömleği takma ve sökme işleminin maksada uygun olarak yapılması hususudur. Yani montaj esnasında çekiç v.b diğer ağır takımların kullanılmasıyla ki bu şekil doğru değildir, ortaya çıkan hatalar kötü sonuç verir.

Montaj esnasında kullanılacak lastik ringler mutlaka kaliteli olmalı ve kabarmaya, eskimeye dayanıklı, yağ ve ısıya karşı mukavim olmalıdır. Aksi halde kartere su inmesi, gömleğin sıkışmasına ve ölçülerin bozulmasına yol açar. Lastik ringlere her defasında yağlama sabunu sürülür ve böylece yuvalarına yerleştirilir.

Lastik ringler olarak yalnızca motor üreticileri tarafından kullanılan kaliteli markalar tercih edilmelidir. Bu tercihteki asıl sebep lastik ringlerin kabarmaya ve eskimeye dayanıklı, yağ ve ısıya karşı mukavim olmalarıdır.

Gömlekte kopmalara neden olan piston krepajı, uygun olmayan lastik ring kullanmanın bir neticesidir. Lastik ringlerin oturduğu kısımlar hiçbir zaman kazanmamalıdır.

Gömlekler el ile yerleştirildikten sonra silindirin ölçüsünü bir kere daha kontrol edilmesinde fayda vardır. Bu kontrol bilhassa lastik ringlerin bulunduğu bölgelerde ovalleşme ve büzülmelerin meydana gelebileceği yerlerde yapılmalıdır.

Gömlekler tamamen yerleştirildikten sonra silindir bloku su ile doldurularak sıkıştırılmalı ve sızdırmazlık durumu mutlaka kontrol edilmelidir.

In order to determine whether the liner is placed easily and whether the cylinder on the block is too big or too wide, the liners should be placed manually in the cylinder without a ring prior to assembly. Especially the correct positioning of the liner flange to the block surface should be controlled. Utilization of a drawing ink is recommended for a correct placement control. In order to determine whether the flange diameter has an efficient space it is recommended that the liners are turned inside out prior to the assembly and placed to the flange placement surface on the flange side. As it is known, the flange is in the section of the motor that is not cooled and it is subject to expansion. At this point a space of 0.3-0.5 mm should be taken into consideration.

The matter that is emphasized the most in these instructions is the matter of placement and removal of the liner in accordance with the purpose. In other words, the errors that may be caused by utilization of heavy tools such as hammers etc. may cause severe results.

The elastic rings that shall be used during assembly should be of high quality and resistant against swelling, wear, oil and heat. Otherwise, penetration of water into the crankcase may cause clogging of the liner or defects in dimensions. Lubrication soap is applied on the elastic rings every time and then they are placed to their housings.

Only the high quality brands used by motor producers should be used as elastic rings. The main reason of this preference is the fact that they are resistant against swelling, wear, lubrication and heat.

Piston creepage that causes breaking in the liner is a result of utilization of elastic rings. The sections on which the elastic rings are placed should never be scratched

Following manual placement of the liners, it shall be benefiting to check the cylinder dimension once again. This control should be made especially in the sections that may cause oval formation and shrinkage.

After the liners are placed completely, the cylinder block should be filled with water and the tightness must be controlled.



SULU GÖMLEK
WET CYLINDER LINER



HAVA SOĞUTMALI GÖMLEK
AIR-COOLED FINNED
TYPE CYLINDER LINERS



KURU GÖMLEK
DRY TYPE CYLINDER LINERS



ÇELİK GÖMLEK
STEEL CYLINDER LINER

TEKNİK TANIMLAMALAR TECHNICAL DEFINITIONS

GÖMLEK MARKALAMA DETAYI

DETAIL OF LINER MARKING



	Ø mm	mm	mm	mm	Ø mm	mm	mm	mm	mm

Diesel Engine T 60 B 5480 cm ³ 125 - 132 kW (174 - 180 PS) Vehicle F 613, F 614, F 616, F 617, B 6F, 200 CH 1978...1985	6 98.43	79.40 - -21.80 124.40 MØ=57.00 	40.00 77.30	9051 000 2.385D CrP 3.160K IF CrP 4.747DY CrP	2051 000 98.43 AP Pist. Çıkıntısı +0.05 / +0.55	4051 000	6051 000 K=109.92 L=234.50 H+F=11.61+0.73 D=119.10 FF 1 VI 104x1.5 2 VI 109x5.8	8051 K,S
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Motor, Araç tipi
Engine, Vehicle details

Silindir sayısı
Cylinder units

Nominal silindir çapı
Nominal cylinder-bore diameter (mm)

Kompresyon yüksekliği (mm)
Compression height (mm)
Supap cebi derinliği (mm)-Yükseklik (mm)
Valve pocket depth (mm)-Dome height (mm)
Yanma odası derinliği (mm)
Bowl depth (mm)
Toplam boy (mm)
Total length (mm)
Yanma odası çapı (mm)
Combustion chamber diameter (mm)
Piston şekli
Piston shape

Pim çapı (mm)
Pin diameter (mm)
Pim boyu (mm)
Pin length (mm)
Pim özelliği
Pin specification

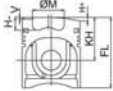
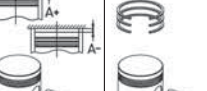
Segman referans no
Ring reference no
Segman kalınlığı (mm)
Ring thickness (mm)
Segman tipi
Ring types
Segman malzemesi
Ring material
Yüzey kaplama
Surface coating

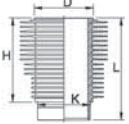
Piston referans no
Piston reference no
Piston çapı (mm)
Piston Diameter (mm)
Piston özellik kodları
Piston specification codes
Piston kafa çıkıntısı
Piston protrusion

Gömlek referans no
Liner reference no
K= Dış çapı (mm)
K= Outside diameter (mm)
L= Toplam boy (mm)
L= Total length (mm)
H+F= Flanş boyu
+Conta Derinliği (mm)
H+F=Flange width
+ Flange overlap (mm)
D=Flanş çapı (mm)
D= Flange diameter (mm)
Gömlek tipi
Liner Type
Gömlek Şekli
Liner Shape

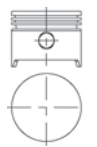
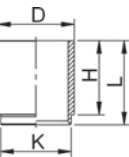
Piston+Segman
Komple referans no
Piston+Ring
Complete reference no

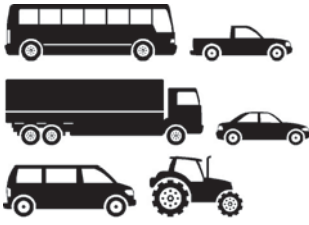
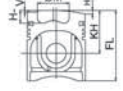
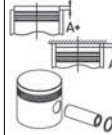
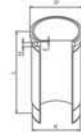
KiT referans no
KIT reference no
KiT,SET kullanılabilirliği
KIT,SET availability
K= KIT
S= SET
Süper KiT referans no
Super KIT reference no

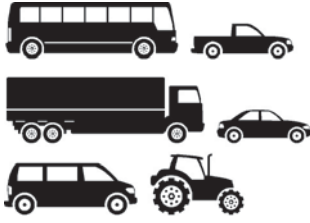
							
	Ø mm	mm	mm	mm	Ø mm	mm	mm

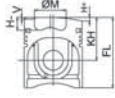
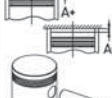
Diesel Engine M93 Vehicle Tractor : T416 / T420	4	90.00					5145 000 K=100.00 L=194.00 H+F=160.00 D=111.80 FF	
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AIR COMPRESSOR

Kompressor Engine IVECO Vehicle EURO CARGO Kompressor Engine RENAULT Vehicle G260, G290, C260, C290, R370, R290, R420, R310, R330, R340, R365, C230, C280, C300, C340, G230, G270, G220, MANAGER Kompressor Engine KNOR BREMSE Vehicle HAVA KOMPRESOR		28.00 - 53.00		14.00 53.50	9121 000 2.000TN P 2.000TN P 4.000PS P	1103 000 65.00	3103 000	
		65.00			9121 050	1103 050 65.50	3103 050	
Kompressor Engine CATERPILLAR KOPMRESOR		66.67					5330 000 K=72.95 L=88.90 H+F=77.50 D=79.20 FF	

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Kompressor Engine VOLVO Vehicle KOMPRESOR Kompressor Engine DAF Vehicle DAF 1160 WS 1960...	1	75.00	31.00 - 60.00	18.00 62.90	9011 000 2.000TN 2.000TN 4.000PS	1911 000 75.00	3911 000		
	2				9011 025	1911 025 75.25	3911 025		
					9011 050	1911 050 75.50	3911 050		
					9011 075	1911 075 75.75	3911 075		
					9011 100	1911 100 76.00	3911 100		
			31.00 - 60.00	18.00 63.00	9011 000 2.000TN 2.000TN 4.000PS	2802 000 75.00	4802 000		
					9011 025	2802 025 75.25	4802 025		
					9011 050	2802 050 75.50	4802 050		
					9011 100	2802 100 76.00	4802 100		
Kompressor Engine SCANIA Su Sogutmal 15.5W31 WB31 Vehicle BENDIX WESTINGHOUSE HAVA KOMPRESOR Kompressor Engine SCANIA Hava Sogutmal 15W37 WB15 Vehicle BENDIX WESTINGHOUSE HAVA KOMPRESOR	2	75.00	32.20 - 52.80	15.88 60.40	9910 000 2.380K P 2.380TN P 3.940PS P	1910 000 75.00	3910 000		
	2				9910 025	1910 025 75.25	3910 025		
					9910 050	1910 050 75.50	3910 050		
					9910 075	1910 075 75.75	3910 075		
					9910 100	1910 100 76.00	3910 100		
Kompressor Engine R.V.I BERLIET MIDR 06.23.06 A41 Vehicle PREMIUM 385 / 400 KOMPRESOR		78.00	31.00 - 60.00	18.00 63.00	9926 000 2.500TN IF 2.500TN IF 4.000PS	2926 000 78.00	4926 000		
					9926 025	2926 025 78.25	4926 025		
					9926 050	2926 050 78.50	4926 050		
					9926 100	2926 100 79.00	4926 100		



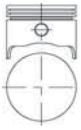
							
Ø mm	mm	mm	mm	Ø mm	mm	mm	mm

Kompressor Engine

MARELLI

Vehicle

AC75.400,
AC79.300

2	80.00	33.55 - 68.50	14.00 72.00	9112 000 2.000TN 2.000TN 4.000PS	1102 000 80.00	3102 000		
				9112 025	1102 025 80.25	3102 025		
				9112 050	1102 050 80.50	3102 050		
		33.55 - 68.50	14.00 72.00	9112 000 2.000TN 2.000TN 4.000PS	1108 000 80.00	3108 000		
				9112 025	1108 025 80.25	3108 025		
				9112 050	1108 050 80.50	3108 050		
				9112 100	1108 100 81.00	3108 100		
	80.00	31.08 - 64.00	18.00 63.00	9119 000 2.500TN P 2.500TN P 4.000PS P	2993 000 80.00	4993 000		
				9119 025	2993 025 80.25	4993 025		
				9119 050	2993 050 80.50	4993 050		

Kompressor Engine

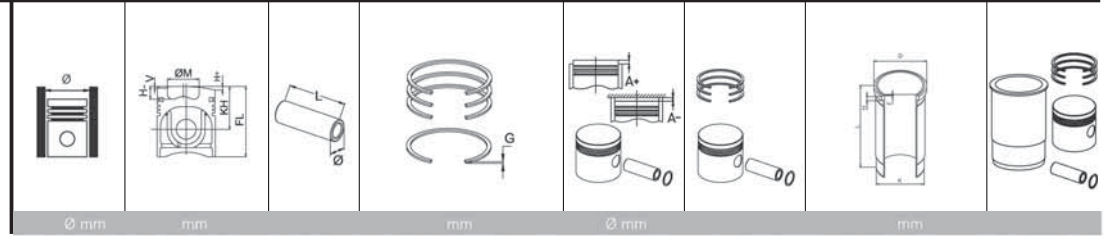
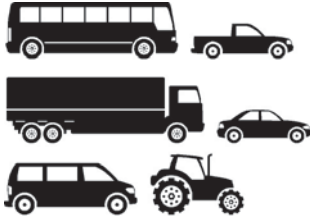
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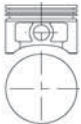
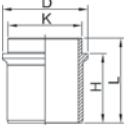
Kompressor Engine

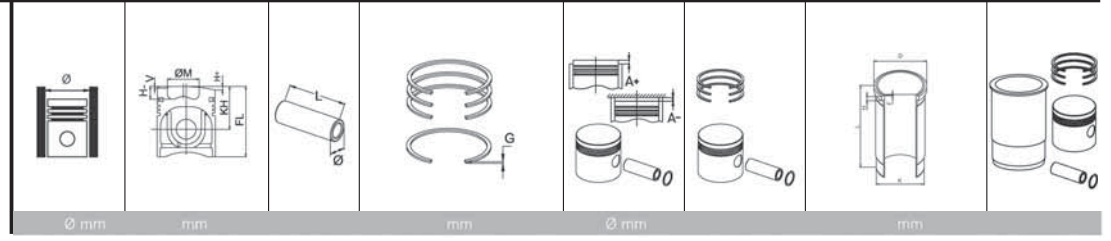
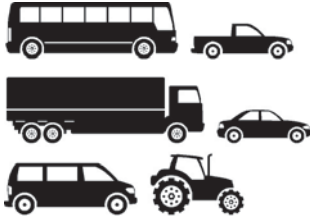
CUMMINS
B215 - 235.20 EURO2

Vehicle

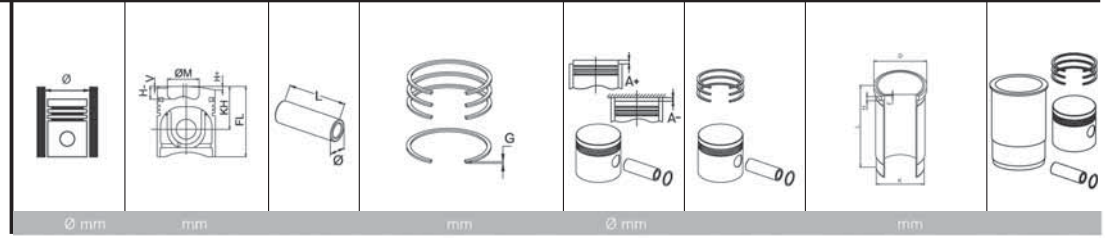
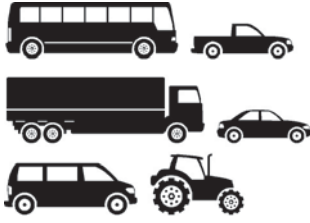
BELDE 215 CB,
BELDE 850 RE,
PRO 522, PRO 624,
PROBUS 850 TB/X



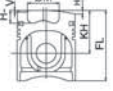
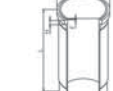
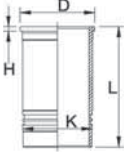
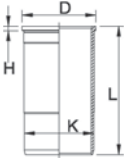
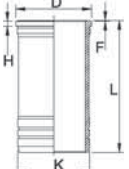
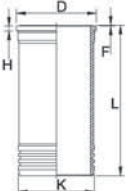
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					9752 025	2855 025 82.25	4855 025		
					9752 050	2855 050 82.50	4855 050		
					9752 100	2855 100 83.00	4855 100		
Kompressor Engine MERCEDES BENZ OM 457 LA EURO3 Vehicle AXOR ÇEKICI 18.35 LS, AXOR ÇEKICI 18.40 LS, HAVA KOMPRESOR, O403		85.00	33.30 - 59.00	19.05 60.00	9607 000 2.000TN 2.000TN 4.000PS	1607 000 85.00	3607 000		
					9607 025	1607 025 85.25	3607 025		
					9607 050	1607 050 85.50	3607 050		
					9607 075	1607 075 85.75	3607 075		
					9607 100	1607 100 86.00	3607 100		
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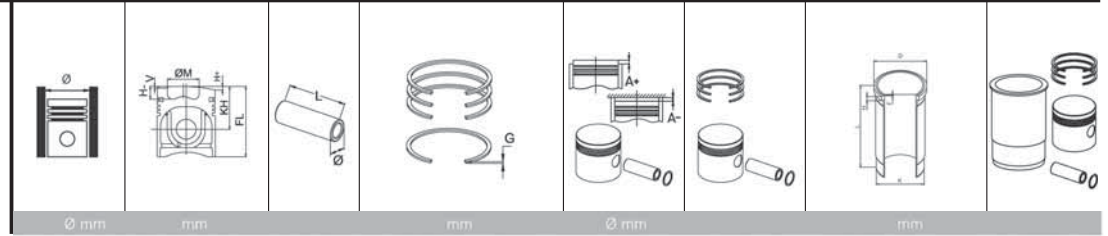
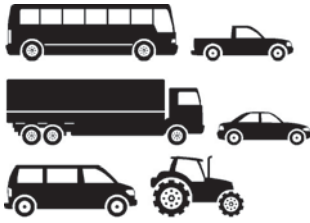
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				9113 025	1107 025 86.25	3107 025		
				9113 050	1107 050 86.50	3107 050		
Kompressor Engine MERCEDES BENZ OM 366 LA Vehicle HAVA KOMPRESOR	88.00	31.48 - 65.60	18.00 63.00	9116 000 2.500TN P 2.500TN P 4.000PS P	2801 000 88.00	4801 000		
				9116 025	2801 025 88.25	4801 025		
				9116 050	2801 050 88.50	4801 050		
				9116 075	2801 075 88.75	4801 075		
				9116 100	2801 100 89.00	4801 100		
Kompressor Engine MERCEDES BENZ OM 401 - 402 - 403 - 404 - 407 - 409 Vehicle HAVA KOMPRESOR Kompressor Engine MAN D 2530, 2538, 2555, 2556, 2566 Vehicle KOMPRESOR 1975...	1	35.00 - 57.00	20.00 60.00	9115 000 2.500N 2.500N 4.000PS	1112 000 90.00	3112 000		
	1	90.00		9115 050	1112 050 90.50	3112 050		
				9115 100	1112 100 91.00	3112 100		



Kompressor Engine MERCEDES BENZ OM 501 HAVA KOMPRESOR Vehicle ACTROS HAVA KOMPRESOR 1996...	1	100.00	30.40 - 52.20	20.00 50.00	9620 000 2.500K IF Cr 2.500TN 4.000PS	1100 000 100.00	3100 000		
			34.40 - 52.20	20.00 50.00	9620 000 2.500K IF Cr 2.500TN 4.000PS	2712 000 100.00	4712 000		
					9620 050	2712 050 100.50	4712 050		
Kompressor Engine MERCEDES BENZ OM 501 / 502 KOMPRESOR	1	100.00	30.40 - 52.20	20.00 50.00	9122 000 2.500TN 2.500TN 3.000PS	2752 000 100.00	4752 000		
Kompressor Engine R.V.I BERLIET D 100 KOMPRESOR		100.00	40.00 - 74.00	20.00 91.00	9955 000 2.500TN P 2.500TN P 2.500TN P 5.000PS P	1104 000 100.00	3104 000		
Kompressor Engine MERCEDES BENZ OM 402.971, OM 501 LA, OM 502 LA, OM 541 LA, OM 542 LA Vehicle KOMPRESOR		100.00					5623 000 K=115.00 L=120.00 D=131.00 FF		

								
	Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine B, BE, B15, B125 GASOLINE Vehicle Tractor : B, C, CA, CB, CE, IB, RC Loader : TL6 Combine : 60 Harvester : 60H	4	85.72					6105 000 K=94.40 L=166.70 H+F=6.27 D=101.45 FF 	
Diesel Engine	4	88.90					6106 000 K=95.75 L=179.50 H+F=6.25 D=101.50 FF 	
Diesel Engine 433D, 433T, 2200 Vehicle Tractor : I600, 615, 710C, 714C, 715C 6060, 6070, 6080 Combine : F2, K2 Crawler Dozer : HD4, 650, 652, 653, 655 Forklift : F30, 705D, 706D, 708D, 766	4	98.42					6107 000 K=111.15 L=207.65 H+F=8.10+1.10 D=117.55 FF 	
Diesel Engine 3750, 670HI 426 CID Vehicle Tractor : 4W220, 8030, 8050, 8070 Combine : L2 late, L3, MH3 late, N5, N6, R5, R6	6	107.95					6108 000 K=120.65 L=242.50 H+F=8.10+1.20 D=127.00 FF 	

		Ø mm	mm	mm	Ø mm		mm			
Diesel Engine 10,220 3611 cm³ 49 - 52 - 54.4 kW (66 - 71 - 74 PS) Vehicle KCC 10,KBC 1, KAC 10 1961...1974 Diesel Engine 5, J 330 5417 cm³ 73.5 - 78.7 - 82 kW (100 - 107 - 111 PS) Vehicle KF-LC5, KD-SL 5, KD-LC 5, KE-LC 5,KF-SC 5,KG-SC 5, KG-LC 5, EJM 2, -3,EJN 3, EFR 1, EJR 3,DJM2,-3, DJN 3, 1961...1983	4	103.18	71.50 - -21.50 118.24 MØ52.90 	34.925 88.100	9310 000 2.385D IF CrP 2.385K IF P 2.385TN P 4.747DY CrP 4.747DC P	1310 000 103.18	3310 000	5309 000 K=108.05 L=216.30 SF 	S	
	6				9310 020	1310 020 103.68	3310 020	5310 000 K=108.05 L=216.30 H+F=6.00 D=111.12 SF 	S	
					9310 030	1310 030 103.93	3310 030			
					9310 040	1310 040 104.18	3310 040			
BMC										
Diesel Engine 4,98 NV 3770 cm³ 46 - 51 - 55 kW (62 - 69 - 72 PS) Vehicle Tractor 262/272/462/470/472 1974... Diesel Engine 6,98 DV,98 NV 5665 cm³ 71.5 - 84.5 kW (97 - 115 PS) Vehicle Boxer 1000-33,-43,1200-33, -38,42,1300, Terrier 750/850/950, F 350/360/420/550 Tractor 262/272/462/472/295/485/2100/ 4100 1972....	4	98.00	68.20 -2.40 -25.00 116.30 MØ=56.00 	34.925 82.50	9338 000 2.385D CrP 2.385K P 2.385TN P 6.350DY CrP 4.747DC P	1338 000 98.00 Pist. Ç k nt s 0 / +0.20	3338 000	5338 000 K=108.18 L=221.60 H+F=8.89+0.89 D=117.10 FF PHS 	7338 K,S	
	6								5338 025 K=108.45 L=221.60 H+F=9.50+0.89 D=117.35 FF PHS	
									5340 000 K=116.00 L=222.00 H+F=20.00 D=123.65 FF 	S

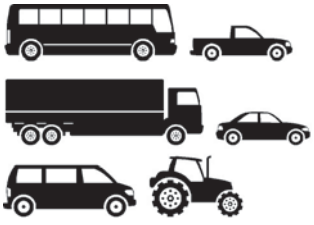
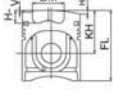
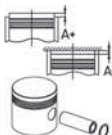
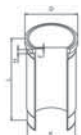
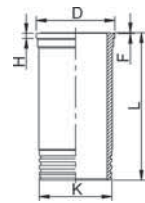
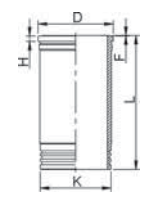
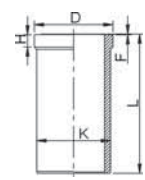


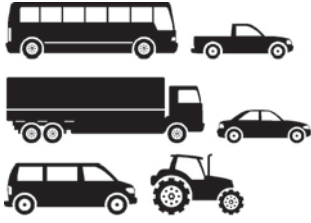
Diesel Engine 6.98 Turbo Charge, Direct Injection 5655 cm ³ Vehicle 1340 , 1340 G, 140 Leyland Kamyon 1972 ... 1978	6	98.00	68.15 -2.40 -24.50 116.15 MØ=56.00 	36.50 83.54	9337 000 3.000TK CrP 2.392K P 4.763DY CrP	1337 000 98.00 AP	3337 000	5342 000 K=108.18 L=218.30 H+F=8.89+0.80 D=117.10 FF PHS 1 R 1 R	S
Diesel Engine 1042 2800 cm ³ 32,5 kW (44 PS) Vehicle Tractor 460 Motor Nr.38 VD 12 339...	3	100.00	70.30 - -27.00 121.000 MØ=57.00 	34.925 84.50	9339 000 3.947T CrP 2.385D IF P 2.385N P 6.335DY CrP 6.335DC P	1339 000 100.00	3339 000	5339 000 K=110.62 L=221.60 H+F=8.90+0.80 D=117.05 FF PHS 	7339 K,S
Diesel Engine 3770 cm ³ 44 kW (60 PS) Vehicle C 60, C 70, C 80	4							5345 000 K=116.00 L=222.00 H+F=20.00 D=123.65 FF	7146 K,S
Diesel Engine 5637 cm ³ 66 kW (90 PS) Vehicle Motor Nr.57 UD 13 047	6							5346 000 K=116.00 L=222.00 H+F=19.00 D=123.65 SF 	S

Diesel Engine KOMATSU Buldozer Is Makinesi	8	146.00	132.50 -7.60 -25.00 208.00 MØ=104.50 	60.00 119.60	9405 000 4.500D CrP 2.500K P 2.500K P 6.500DY CrP 6.500DY CrP	2405 000 146.00	4405 000	

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Diesel Engine D2	101.60						5332 000 K=118.50 L=236.20 H+F=9.50+1.00 D=128.40 FF 	
Diesel Engine 933	101.60						5369 000 K=118.42 L=236.20 H+F=10.30+0.90 D=125.70 FF 	
Diesel Engine 325, 325 L, 325 LN, 938 F Vehicle Excavators, Wheel Loader 1993....	6	105.00	59.12 - -18.22 93.42 MØ=63.10 	40 85	9199 000 3.100T CrP 3.100TK CrP 4.000DY CrP	1199 000 105.00 DAP YS	3199 000	5321 000 K=109.83 L=197.00 SF
			59.12 - -14.03 93.42 MØ=70.50 	40.00 85.00	9199 000 3.100T CrP 3.100TK CrP 4.000DY CrP	1200 000 105.00 DAP YS	3200 000	

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine D315 5.1L D4 5100 cm ³		4	114.30						5350 000 K=131.80 L=271.00 H+F=9.50+1.00 D=142.50 FF 
Vehicle D311 CID Diesel Engine D318 8.6L D6 8600 cm ³		6							
Diesel Engine 3204 5.2L Oem No : 2W-4831 5200 cm ³		4	114.30	58.93 - -20.93 93.23 MØ=63.50	38.10 81.40	9198 000 3.160D IW St 2.778DY St	1194 000 114.30 AP	3194 000	
Diesel Engine 3208 10.4 L Oem No : 2W-4831 10400 cm ³		8							
Diesel Engine 3304 7000 cm ³		4	120.65	73.90 -6.67/-7.25 -14.20 115.05 MØ=101.60	38.12 95.00	9204 000 3.160D CrP 2.385D IW CrP 5.535DY CrP	1211 000 120.65 DAP	3211 000	5352 000 K=134.40 L=255.00 H+F=10.30+1.00 D=142.80 FF 
Vehicle Loader 931,-941,-950,-951, Skidder 518 Tractor D3 - D4 - D5, Radlader 910,-955 Diesel Engine 3306 10500 cm ³		6							7211 K,S
78 - 147 kW (106 - 200 PS) Vehicle Grader 12, Tractor d5,-d6,-814,-816 PipeLayer 561,-571, Radlader 966 Skidder 528 1966..									5331 000 K=134.40 L=255.00 H+F=10.30+1.00 D=142.80 FF Hardened 1 R 130x132,2x6 3 R 117x4
									5358 000 K=139.00 L=255.00 H+F=15.00 D=146.00 FF 
									7115 K,S
									7114 K,S



Ø mm	mm	mm	mm	Ø mm	mm	mm	mm

Diesel Engine

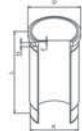
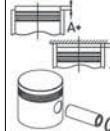
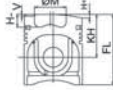
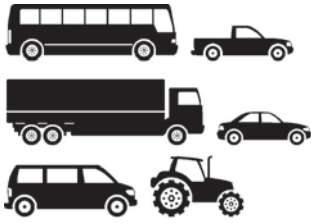
D 3306
10500 cm³
78 - 147 kW (106 - 200 PS)

6	120.65	73.91 -2.03 -19.70 129.91 MØ=85.09	43.18 94.90	9210 000 3.120T CrP 3.120T CrP 4.000DY CrP	1210 000 120.65 DAP	3210 000	5352 000 K=134.40 L=255.00 H+F=10.30+1.00 D=142.80 FF 1 R 130x132,2x6 3 R 117x4	7210 K,S
							5331 000 K=134.40 L=255.00 H+F=10.30+1.00 D=142.80 FF Hardened 1 R 130x132,2x6 3 R 117x4	7120 K,S
							5358 000 K=139.00 L=255.00 H+F=15.00 D=146.00 FF 	7121 K,S

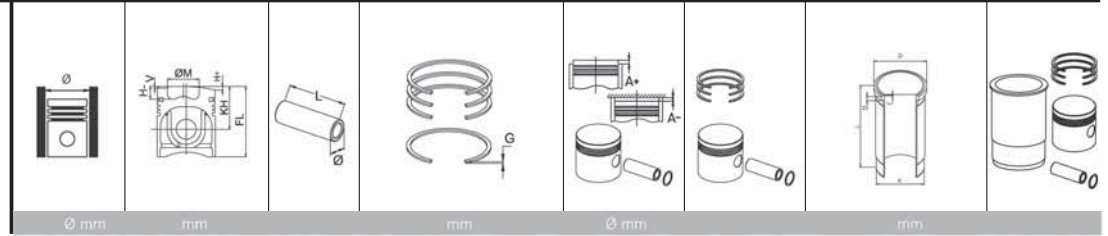
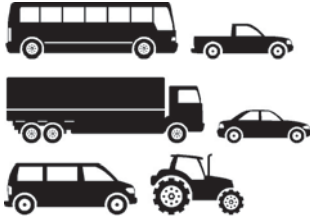
Diesel Engine

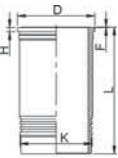
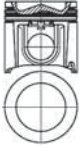
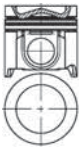
D 3306
10500 cm³
78-147 kW (106-200 PS)

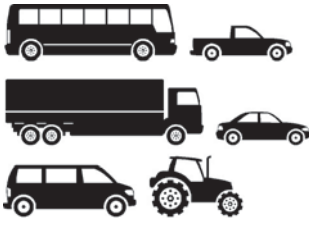
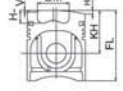
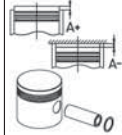
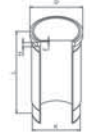
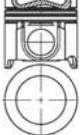
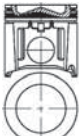
6	120.65	73.91 -2.03 -19.70 129.91 MØ=85.09	43.18 94.90	9209 000 3.120T CrP 3.120TK IW CrP 3.160DY CrP	1209 000 120.65 DAP Pist. Ç k nt s -0.45 / +0.06	3209 000		
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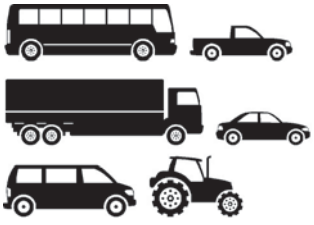
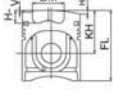
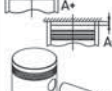
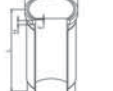
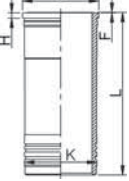
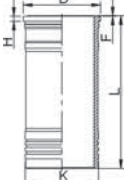


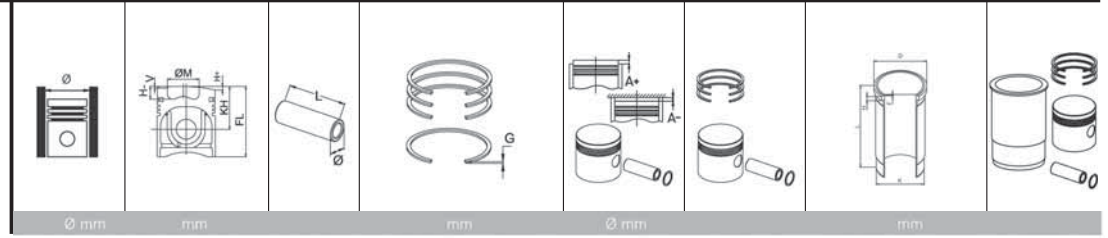
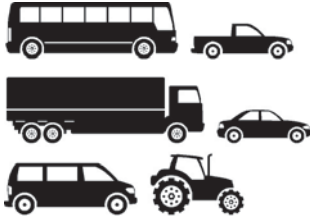
Diesel Engine 3304 7000 cm³ 46 - 97 kW (62 - 130 PS) Vehicle Loader 931,-941,-950,-951, Skidder 518 Tractor D3 - D4 - D5, Radlader 910,-955 Diesel Engine 3306 10500 cm³ 78 - 147 kW (106 - 200 PS) Vehicle Grader 12, Tractor d5,-d6,-814,-816 PipeLayer 561,-571, Radlader 966 Skidder 528 1966..	4
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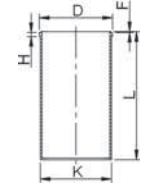


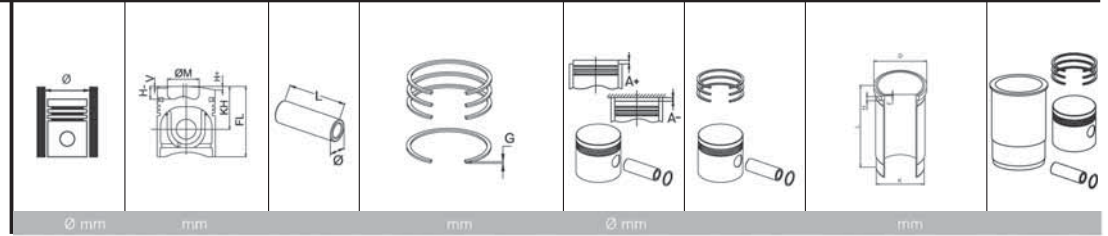
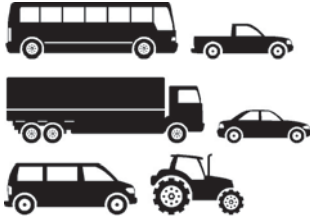
Diesel Engine 3406 Vehicle C. Dozer D 7, D 8 L, D 9 L, 245, 621B, 825C	6	137.16	87.93 - -17.90 137.30 MØ=94.00 	50.80 112.00	9553 000 3.969T MoP 3.175T IW CrP 3.175DY CrP	2553 000 137.16 DAP	4553 000	5349 000 K=153.65 L=274.50 H+F=8.90+1.00 D=165.15 FF  1 R 130x132,2x6 3 R 139,5x4,5 5329 000 K=153.65 L=274.50 H+F=8.90+1.00 D=165.15 FF CHR 1 R 130x132,2x6 3 R 139,5x4,5	8553 K,S 8554 K.S
Diesel Engine 3406 / 14.6L 893 CID 425 HP OE NO:7E0539 14600 cm ³ 317 kW (421 PS) Vehicle Engine C Series	6	137.16	88.00 - -18.00 138.10 MØ=94.00 	50.80 112.00	9553 000 3.969T MoP 3.175T IW CrP 3.175DY CrP	2547 000 137.16 DAP	4547 000		
Diesel Engine 3406 - 3408 / 18.0L 1099 CID 425 HP OE NO:9Y9889 18000 cm ³ 317 kW (431 PS) Vehicle Engine B Series	6 8	137.16	88.00 - -16.75 138.10 MØ=94.00 	50.80 112.00	9553 000 3.969T MoP 3.175T IW CrP 3.175DY CrP	2548 000 137.16 DAP	4548 000		

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 3408 / V8 18.0L 1099 CID 310 HP OE NO:9Y7212 OE NO:2W0865 18000 cm ³ 231 kW (314 PS)		8	137.16	88.00 - -16.10 138.10 MØ=94.00	50.80 112.00	9553 000 3.969T MoP 3.175T IW CrP 3.175DY CrP	2549 000 137.16 DAP	4549 000	
Vehicle Engine B Series									
Diesel Engine 3406 / 14.6 893 CID 350-425 HP OE NO:7E8656 14600 cm ³ 261 - 317 kW (355 - 431 PS)		6	137.16	88.00 - -18.50 138.10 MØ=94.00	50.80 112.00	9553 000 3.969T MoP 3.175T IW CrP 3.175DY CrP	2550 000 137.16 DAP	9553 000	
Vehicle Engine C Series									
Diesel Engine 3406 / 14.6 893 CID 350-425 HP OE NO:7E8656 14600 cm ³ 213 - 246 kW (289 - 335 PS)		6	137.16	88.00 - -17.80 138.10 MØ=94.00	50.80 112.00	9553 000 3.969T MoP 3.175T IW CrP 3.175DY CrP	2551 000 137.16 DAP	9553 000	
Vehicle Engine C Series									

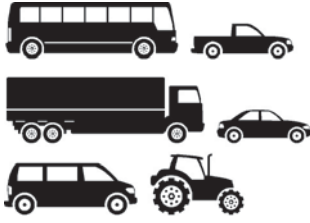
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 3406 / 14.6L 893 CID Crown Gallery Cooled OE NO:1601131 14600 cm ³ Vehicle Engine C Series		137.16	88.10 - -20.00 138.10 MØ=94.00 	50.80 112.00	9553 000 3.969T MoP 3.175T IW CrP 3.175DY CrP	2630 000 137.16 DAP YS	4630 000		
Diesel Engine D 13000, D342C, 342 20400 cm ³ 136 - 235,5 kW (185 - 320 PS) Vehicle 28 B 1...28 B 205, 29 B 1...29 B 41, 30 B 1...30 B 69, 1 T 1...1 T 478, 31 B 1 ...30 B 2477, 32 B 1...32 B 1539, 17 S 1...17 V 2854, 50 V1 49 B 1, 50 B 1, 71 B 1 1954... Diesel Engine D 375 D, D 364 27250 cm ³ 175 - 357 kW (238 - 485 PS) Vehicle 43 B 1, 44 B 1...44 B 650, 19 B 1...19 B 335 20 B 1...20 B 102, 21 B 1...21 B 36, 16 B 1...16 B 439, 17 B1... 17 B 211, 18 B 1...18 B 197 1954... Diesel Engine D 397 D, D 386, D397 40800 cm ³ 265 - 537 kW (360 - 730 PS) Vehicle 41 B 1...41 B 2498, 42 B 1...42 B 458, 13 B 1...13 B 258, 14 B 1...14 B 29, 15 B 1...15 B 71, 10 B 1...10 B 725, 11 B 1...11 B 175 12 B 1...12 B 399 1954... Diesel Engine D 339 13620 cm ³ 94 kW (128 PS) Vehicle 34 B 1 1954...		6 8 12 16	146.05 131.70 -6.73 -21.87 207.98 MØ=128.50 	60.706 120.30	9615 000 3.947T Cr 3.947T Cr 6.335DC Cr	2556 000 146.05 DAP Pist. Ç k nt s -0.30 / -0.50	4556 000	5368 000 K=168.07 L=382.50 H+F=12.70+1.00 D=177.40 FF  3 R 1 R	8556 K,S
Diesel Engine D 353 E Seri No: 46 B 2437 ... 46 B 2741, 47 B 1780 ... 77 B 1 ...		6 8 12 16	158.75					5374 000 K=180.85 L=382.50 H+F=12.80+1.00 D=190.50 FF  3 R 1 R	



Diesel Engine 6BTAA 5.9 144 kW (193 PS) 5880 cm ³ Vehicle Fatih Truck 200-26	6	102.00	71.56 - -17.60 105.36 MØ=59.15 	40.00 75.80	9370 000 3.000T Cr 2.385K IF P 4.000DY CrP	1370 000 102.00 AP Pist. Ç k nt s +0.33 / +0.66	3370 000	5333 000 K=104.62 L=200.00 FF 	7370 K,S
								5373 000 K=104.62 L=200.00 SF	7368 K,S
								5328 000 K=106.07 L=204.00 H+F=4.05+0.80 D=109.00 FF 	7369 K,S
								5370 000 K=106.07 L=204.00 H+F=4.05+0.80 D=109.00 SF	S
								5370 050 K=106.50 L=204.00 H+F=5.05+0.80 D=109.50 SF	
								5370 100 K=107.07 L=204.00 H+F=5.05+0.80 D=110.00 SF	
					9370 020	1370 020 102.50	3370 020		
					9370 040	1370 040 103.00	3370 040		



Diesel Engine B 215/235.20 Euro 2 5880 cm ³ 5880 (215 - 235 PS) Vehicle Belde 215 CB, Belde 850 RE, Pro 522, Pro 624, Probus 850 TB/X 2003...	6	102.00	71.62 - -22.00 105.40 MØ=51.25	40.00 83.00	9370 000 3.000T Cr 2.385K IF P 4.000DY CrP	1374 000 102.00 AP Pist. Ç k nt s +0.33 / +0.66	3374 000	5333 000 K=104.62 L=200.00 FF	7374 K,S
								5373 000 K=104.62 L=200.00 SF	S
								5328 000 K=106.07 L=204.00 H+F=4.05+0.80 D=109.00 FF	7387 K,S
					9370 050	1374 050 102.50	3374 050	5370 000 K=106.07 L=204.00 H+F=4.05+0.80 D=109.00 SF	S
Diesel Engine B.160-10 Euro 1 5880 cm ³	4	102.00	71.62 - -20.70 105.40 MØ=54.00	40.00 83.00	9370 000 3.000T Cr 2.385K IF P 4.000DY CrP	1377 000 102.00 AP	3377 000		
					9370 050	1377 050 102.50	3377 050		



Ø mm	mm		mm	Ø mm		mm	

Diesel Engine

6 BT Turbo- Charged Diesel Engine,
Direct Fuel Injection
12 valves, 17.5:1
5883 cm³
119 - 160 kW (162 - 218 PS)

Vehicle

Dodge Ram
1989...1998

6	102.00	71.60 - -22.15 105.50 MØ=52.00	40.00 83.00	9369 000 3.000T Mo 3.000TK IW P 4.000DY CrP	2428 000 102.00 DAP	4428 000		
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Diesel Engine

ISB 135 Euro 3, ISB 150 Euro 3, ISB
170 Euro 3
Charge Intercooling, Common Rail
16 Valves
3900 cm³
99-125 kW (135-170 PS)

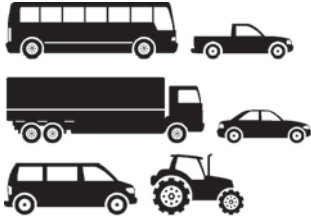
Diesel Engine

ISB 185 Euro 3, ISB 220 Euro 3, ISB
250 Euro 3, ISB 275 Euro 3
Charge Intercooling, Common Rail
24 Valves
5900 cm³
136-202 kW (185-275 PS)

4	102.00	71.40 - -18.50 105.20 MØ=56.50	40.00 83.00	9370 000 3.000T Cr 2.385K IF P 4.000DY CrP	1365 000 102.00 AP	3365 000		
6				9370 020	1365 020 102.50	3365 020		
				9370 040	1365 040 103.00	3365 040		



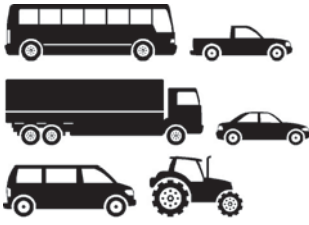
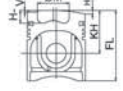
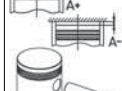
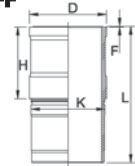
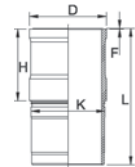
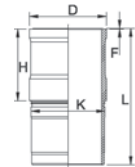
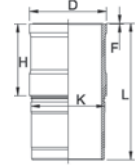
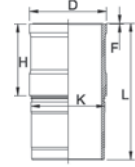
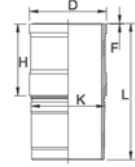
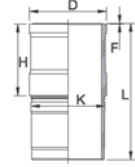
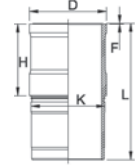
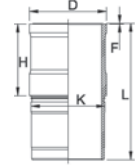
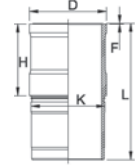
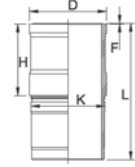
Ø mm		mm	mm	mm	Ø mm	mm	mm	mm	mm
Diesel Engine 4B 3.9 C Euro 2 17,5:1 normal aspirated engine 3900 cm ³ 55-60 kW (75-82 PS) Vehicle Endustriel engine VOLVO-BM EC 140 / EC 150 01/1996... Diesel Engine 4BT 3.9 Euro 2 17,5:1 Turbo charged 3900 cm ³ 60-82 kW (82-111 PS) Diesel Engine 4BTA 3.9 Euro 2 17,5:1 Charge intercooling 3900 cm ³ 82-97 kW (111-132 PS) Diesel Engine 6B 5.9 C Euro 2 17,5:1 normal aspirated engine 5883 cm ³ 86-132 kW (115-177 PS) Vehicle Endustriel engine VOLVO-BM EC 210 / EW 170 / EW 180 01/1996... Diesel Engine 6BT 5.9 Euro 2 17:1 Turbo charged 5883 cm ³ 86-132 kW (115-177 PS) Diesel Engine 6BTA 5.9 Euro 2 17,5:1 Charge intercooling 5883 cm ³ 86-132 kW (115-177 PS)	6	102.00	71.560 - -17.70 105.360 MØ=59.10 	40.00 75.68	9370 000 3.000T Cr 2.350K IF P 4.000DY CrP	1363 000 102.00 AP	3363 000		
	6								
	6								
	6								
	6								
Diesel Engine 6BT5.9L E17,1:1 17:1 Turbo charged 5883 cm ³ Vehicle Endustriel Engine Ford Cargo 1215 / 1217 / 1415 / 1417 / 1617 / F 12000 / F 14000 06/1998...09.2002 Ford Cargo 1316 / 1416 / 1516 / 1716 09/2002...03/2003 Ford Cargo 1417 12/1999...09/2002 Ford Cargo 1317 / 1317 / 1517	6	102.00	71.580 -22.10 - 105.390 MØ=51.40 	40.00 83.00	9370 000 3.000T Cr 2.350K IF P 4.000DY CrP	1362 000 102.00 AP	3362 000		
					9370 050	1362 050 102.50	3362 050		



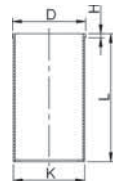
Ø mm	mm		mm	Ø mm		mm	

Diesel Engine ISB 3.9L Euro 3 17,0:1 Turbo charged 3922 cm ³ 104-125 kW (140-168 PS) Vehicle Endustriel Engine Ford Cargo 1317E / 1517E / 1717E / 02/2005... Ford F 250 04/2006... Volkswagen 13.170E / 13.180E / 15.170E / 15.180E / 15.190E 12/2003...	6	102.00	71.385 - -18.55 105.200 MØ=56.50 	40.00 83.00	9370 000 3.000T Cr 2.350K IF P 4.000DY CrP	2353 000 102.00 AP YS	4353 000	
	6				9370 050	2353 050 102.50	4353 050	
Diesel Engine ISB 5.9L Euro 3 17,0:1 Turbo charged Common Rail 5833 cm ³ 164-184 kW (220-247 PS) Vehicle Endustriel Engine Ford Cargo 2428E / 2628E 01/2006... Volkswagen 13.180E / 15.180E / 15.190E / 17.250E / 23.250E / 24.250E 07/2003... Volkswagen Constellation 17.250E / 24.250E 11/2005...	4	102.00	71.35 - -22.15 105.50 MØ=52.00 	40.00 83.00	9369 000 3.00 T Mo 3.00 TK IW P 4.00 DY CrP	2839 000 102.00 AP	4839 000	
Diesel Engine ISF 3.8	4	102.00	73.90 - -18 108.90 MØ=54.70 	40.00 82.70	9370 000 3.000T Cr 2.350K IF P 4.000DY CrP	2352 000 102.00 AP	4352 000	

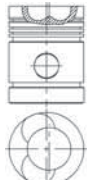
	Ø mm	mm	mm	Ø mm	Ø mm	mm	mm		
Diesel Engine 6 CT 8.3 160 kW (214 PS) Vehicle Belde Bus, 214-17, Fatih Truck 220-26	6	114.00	78.82	45.00	9371 000 3.500T IW CrP 3.000TK IWU P 4.000DY CrP	1371 000 114.00 DAP Pist. Ç k nt s +0.20 / +0.50	3371 000	5371 000 K=125.68 L=238.20 H+F=123.09+1.25 D=133.00 FF 	7371 K,S
			-	91.10				5372 000 K=125.68 L=238.20 H+F=123.09+1.25 D=130.95 FF	7372 K,S
			-21.80					5326 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF	7374 K,S
			120.32					5325 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF PHS	7376 K,S
Diesel Engine 6 CTAA 194 kW (263 PS) Vehicle 270-26 Fatih Kamyon, 26x26 Ford Cargo	6	114.00	78.82	45.00	9371 000 3.500T IW CrP 3.000TK IWU P 4.000DY CrP	1367 000 114.00 DAP Pist. Ç k nt s +0.20 / +0.50	3367 000	5371 000 K=125.68 L=238.20 H+F=123.09+1.25 D=133.00 FF 	7361 K,S
			-	91.10				5372 000 K=125.68 L=238.20 H+F=123.09+1.25 D=130.95 FF	7357 K,S
			-25.45					5326 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF	7363 K,S
			120.32					5325 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF PHS	7364 K,S

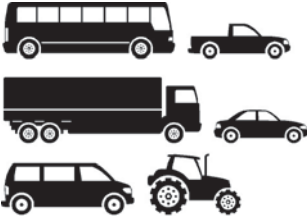
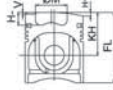
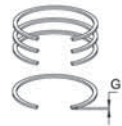
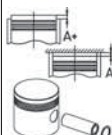
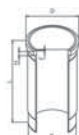
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 6 CTAA Euro 1 8298 cm ³ 160 kW (214 PS) Vehicle Pro 822, Pro 832	6	114.00	79.02 - -25.00 120.52 MØ=56.00	45.00 91.10	9371 000 3.500T IW CrP 3.000TK IWU P 4.000DY CrP	1368 000 114.00 DAP HA Pist. Ç k nt s +0.20 / +0.50	3368 000	5326 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF 	7366 K,S
			79.02 - -25.00 120.52 MØ=56.00	45.00 91.10	9371 000 3.500T IW CrP 3.000TK IWU P 4.000DY CrP	1373 000 114.00 DAP	3373 000	5325 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF PHS 	7356 K,S
								5326 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF 	9362 K,S
								5325 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF PHS 	7352 K,S
								5326 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF 	7353 K,S
								5325 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF PHS 	7354 K,S
Diesel Engine 6 CTAA Euro 1 8298 cm ³ 160 kW (214 PS) Vehicle Pro 827, 32x26	6	114.00	79.02 - -21.00 120.52 MØ=65.25	45.00 91.10	9371 000 3.500T IW CrP 3.000TK IWU P 4.000DY CrP	1369 000 114.00 DAP HA Pist. Ç k nt s +0.20 / +0.50	3369 000	5326 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF 	7353 K,S
			79.02 - -21.00 120.52 MØ=65.25	45.00 91.10	9371 000 3.500T IW CrP 3.000TK IWU P 4.000DY CrP	1369 000 114.00 DAP HA Pist. Ç k nt s +0.20 / +0.50	3369 000	5325 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF PHS 	7354 K,S
								5326 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF 	7353 K,S
								5325 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF PHS 	7354 K,S
								5326 000 K=125.68 L=235.30 H+F=123.05+1.20 D=130.95 FF 	7353 K,S

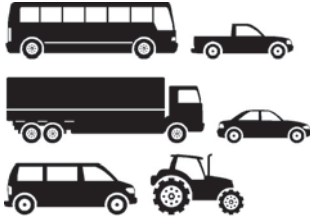
							
	Ø mm	mm	mm	mm	Ø mm	mm	mm

Diesel Engine D 2366 T Vehicle D2A	123.00						5377 000 K=126.96 L=270.00 H+F=8.08 D=132.85 FF	
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DAF

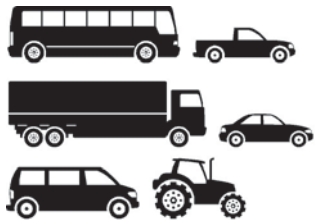
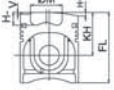
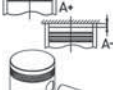
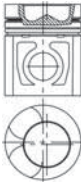
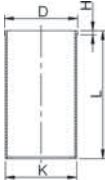
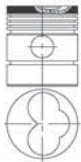
Diesel Engine DD575 M 5760 cm ³ 88.5 kW (120 PS) Vehicle A 1500DL 360/406/468, T 1500DL 265 B 1500DL 468/533/580, A 3000DL 422/468 1961...1962	6	100.61 81.90 -2.40 -24.80 132.70 MØ=58.60	33.026 87.90	9385 000 2.385D IF CrP 2.385K IF P 2.385TN P 6.335DY CrP 6.335DC P	1385 000 100.61 AP	3385 000	5383 000 K=105.67 L=239.00 H+F=12.72 D=115.21 FF	7385 K,S
Diesel Engine DS 575 M, DSD 575 M 5760 cm ³ 121.5 kW (165 PS) Vehicle A 1500 D, A 1600 DD T 1502 DD 265, A 1802 DS 490 T 1802 DS 300, T 1600 DD 360 DS 425, FA 900/1100, FT 100 1961...1962	6						5379 000 K=105.70 L=239.00 H+F=12.70 D=115.20 SF	S
Diesel Engine D 475 4769 cm ³ Vehicle DT 615, DTD 615 57 - 113 kW (77.5 - 154 PS) 1966...1978	6	104.175 81.97 -2.30 -23.15 132.80 MØ=60.00	38.00 88.00	9380 000 2.500D CrP 2.500K IF P 2.500TN P 6.000DY P 6.000DC P	1380 000 104.175 AP	3380 000	5380 000 K=109.00 L=239.00 H+F=8.00 D=117.10 FF	7380 K,S

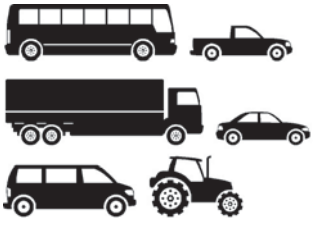
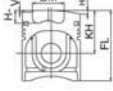
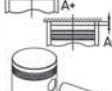
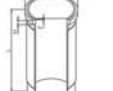
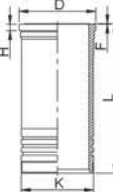
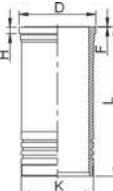
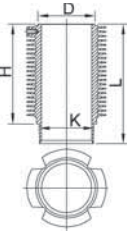
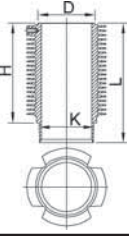
									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine DH 825,DHB 825 8250 cm³ 64 - 112 kW (87 - 163 PS) Vehicle FA 2000, FM 2000, FT 2000, FA 200-5, FA 18000 1969...1978 Diesel Engine DU 825 8250 cm³ 148 - 159 - 165 kW (201 - 216 - 225 PS) Vehicle FA/FT/FM 2000, FA/FAZ/FMT/FTF/FTR-S/FAR-S/ FAS/FT 2200, FA 2205 1971...	6	118.00	95.00 - -26.30 152.00 MØ=61.00 	42.00 99.00	9381 000 3.500T CrP 3.000K CrP 3.000K P 6.000DY CrP	1383 000 118.00 AP	3383 000	5381 000 K=123.50 L=262.00 H+F=10.05 D=133.60 FF 	7383 K,S
Diesel Engine DHS /DHU/DHDT 825 8250 cm³ 105-184 kW (143-250 PS) Vehicle SB 2000, FT/FA 2100, FT/FA/FAT 2300, FA/FAG/FT/SB 2305, FAR 2300 FA 2105, DHS/FT/FAR 2500, FA/FAG 2505, FAT 2525 1976 ... 1988 Diesel Engine DU/DHB/DHR/DHT/DHDT 825 8250 cm³ 71-160 kW (96.5-217.5 PS) Vehicle FA 2205, FA 2005 1971...1979	6	118.00	95.00 - -26.30 152.00 MØ=64.80 	42.00 99.00	9381 000 3.500T CrP 3.000K CrP 3.000K P 6.000DY CrP	1381 000 118.00 AP	3381 000	5381 000 K=123.50 L=262.00 H+F=10.05 D=133.60 FF 	7381 K,S
	6							5250 000 K=123.55 L=262.00 H+F=10.05 D=133.60 SF	S

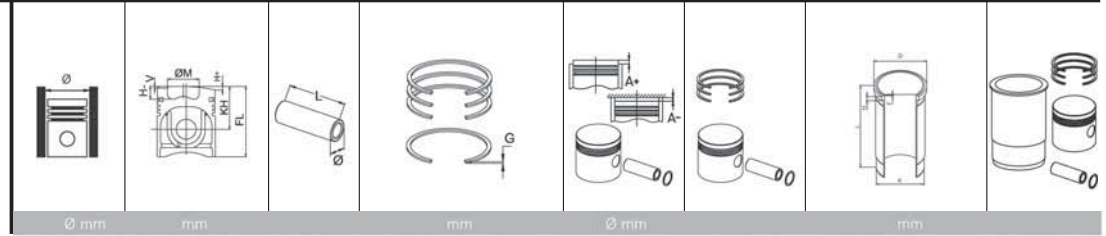
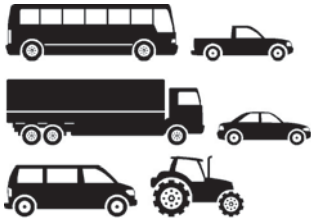


Ø mm	mm	mm	mm	Ø mm	mm	mm	mm

Diesel Engine DKSE/DKS/DKV/DKVK/DKSB/DKFL/DKX E/ DHS/DKZ 1160 11630 cm ³ 139 - 260 kW (189 - 353 PS) Vehicle DKS 325/340/360/380/390/450/475/500/54 0 FA/FAT/FAT 2800, FA/FAT/FT 2805 ATI FAR/FTR 3300, FA/FT/FAG 3305 FAD/FAT/FTT/FTG 3325 1973... Diesel Engine DKT/DKTD/DKTL 1160 11630 cm ³ 185 - 198.5 kW (252 - 270 PS) Vehicle DKTD 325/360/380/390/447/450/475 /500/540, FA 2600, FT 2600, FTT2600 FAS 2600, F 2605, FAT 2605, FAS 2605 FAS 2200, FA 2805, FAR 2805, FAS 2805 FAT 2805, FTR 2805, FTT 2805	6	130.00	101.00 -4.00 -29.10 169.50 MØ=74.60	48.00 111.00	9382 000 3.160T CrP 3.160K CrP 3.160K CrP 6.335DY CrP	1382 000 130.00 AP Pist. Ç k nt s -0.25 / +0.25	3382 000	5382 000 K=136.00 L=288.50 H+F=10.05 D=143.60 FF 5253 000 K=136.05 L=288.50 H+F=10.05 D=143.60 SF 5253 050 K=136.50 L=288.50 H+F=10.50 D=143.60 SF	7382 K,S
	6								
Diesel Engine DKX/DKXE/DKZ/ATI 1160 DKSE 11630 cm ³ 212 - 260 - 274 kW (288 - 354 - 373 PS) Vehicle ATI, 3300/3305/3325/3605/ 3600/3625 1985...	6	130.00	101.00 -4.00 -29.10 169.50 MØ=74.60	52.00 106.00	9382 000 3.160T CrP 3.160K CrP 3.160K CrP 6.335DY CrP	1263 000 130.00 AP HA Pist. Ç k nt s -0.25 / +0.25	3263 000	5382 000 K=136.00 L=288.50 H+F=10.05 D=143.60 FF 5253 000 K=136.05 L=288.50 H+F=10.05 D=143.60 SF 5253 050 K=136.50 L=288.50 H+F=10.50 D=143.60 SF	7263 K,S

									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine WS 242 G, WS 268 G, WS 295 G Turbocharge LLK 11622 cm³ 242 - 268 - 295 kW (329 - 364 - 401 PS) Vehicle FA 95.3303 FA/FAD/FAR/FAT 95.360 FA/FAD/FAR/FAS 95.400 1991...1993	6	130.00	101.00 -1.5/0.8 -26.32 155.00 MØ=79.00 	52.00 106.00	9378 000 4.000T 3.160K 4.000DY MoP CrP CrP	1378 000 130.00 AP Pist. Ç k nt s 0 / +0.25	3378 000	5382 000 K=136.00 L=288.50 H+F=10.05 D=143.60 FF  5253 000 K=136.05 L=288.50 H+F=10.05 D=143.60 SF 5253 050 K=136.50 L=288.50 H+F=10.50 D=143.60 SF	7378 K,S
Diesel Engine XF 250 M, Euro 2, R 6 Diesel, Turbo, IC, 4 valves 16:1 12583 cm³ 250 kW (340 PS) Vehicle DAF 85 340 Series 1998...	6	130.00	95.00 -1.00 -21.75 143.00 MØ=82.00 	52.00 105.65	9378 000	1273 000 130.00 AP Pist. Ç k nt s 0 / +0.25	3273 000	5382 000 K=136.00 L=288.50 H+F=10.05 D=143.60 FF  5253 000 K=136.05 L=288.50 H+F=10.05 D=143.60 SF 5253 050 K=136.50 L=288.50 H+F=10.50 D=143.60 SF	7273 K,S 7274 S
Diesel Engine XF 280 M, Euro 2, R 6 Diesel, Turbo, IC, 4 valves 16:1 12583 cm³ 280 kW (381 PS) Vehicle DAF 85 340 Series 1998...	6								
Diesel Engine XF 315 M, Euro 2, R 6 Diesel, Turbo, IC, 4 valves 16:1 12583 cm³ 315 kW (428 PS) Vehicle DAF 85 430 Series 1998... DAF 95 430 Series, 95 480 Series 1997...	6								
Diesel Engine XF 355 M, Euro 2, R 6 Diesel, Turbo, IC, 4 valves 16:1 12583 cm³ 355 kW (483 PS) Vehicle DAF 95 480 Series 1997...	6								

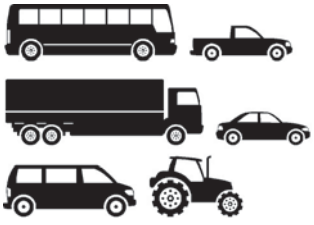
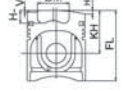
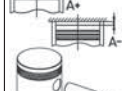
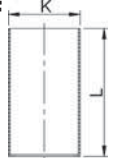
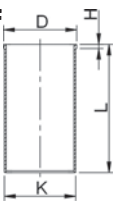
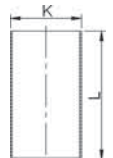
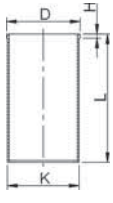
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine LC 2, 3, 4, 5, 6 Direct Injection		2 127.00 3 4 5 6	101.664 - -28.256 154.000 MØ=73.60	44.45 107.95	9400 000 3.175D Cr 3.175K IF 3.175K IF 6.350SC Cr 6.350DC Cr	1400 000 127.00	3400 000	5257 000 K=142.80 L=295.90 H+F=11.17+0.63 D=150.10 FF 	7400 K,S
Diesel Engine LA 2, 3, 4, 5, 6 Non Turbo		2 127.00 3 4 5 6	111.176 - -22.784 163.576 MØ=70.70	44.45 107.95	9400 000 3.175D 3.175K IF 6.350K 6.350SC	1401 000 127.00	3401 000	5257 000 K=142.80 L=295.90 H+F=11.17+0.63 D=150.10 FF 	7401 K,S
EICHER									
Diesel Engine EDK 1/EDK 2 981 cm³ / 1962 11 kW (15 PS) / 22-25 kW (30-34 PS) Vehicle Tractor Leopart EM 100 B, G 160 Tiger EM 200/1-308/2-3009/, Puma ES 200/G 280/II ES 400,		1/2 100.00	81.00 -0.50 -28.80 121.00 MØ=25.50	35.00 85.00	9007 000 3.000T Cr 3.000K P 5.000DY CrP	2805 000 100.00	4805 000	5468 000 K=109.00 L=242.00 H+F=202.00 D=114.00 FF 	8805 K,S
Diesel Engine EDK 3 / EDK 4 2944 cm³ / 3927 27.5 kW (35 PS) / 40 kW (55 PS) Vehicle Unisuper G 250/G 400, Wotan 3017, Tractor 3017, 3018		3/4							
Diesel Engine EDK 6 5890 cm³ 59 - 70 kW (80 - 95 PS) Vehicle Tractor 3105, 3151		6							
Diesel Engine EDK 2-4 1964 cm³		2 100.00	82.60 -0.50 -30.00 122.55 MØ=25.60	35.00 85.00	9007 000 3.000T Cr 3.000K P 5.000DY CrP	2815 000 100.00	4815 000	5468 000 K=109.00 L=242.00 H+F=202.00 D=114.00 FF 	8815
Diesel Engine EDK 3-4 2946 cm³		3							
Diesel Engine EDK 4-4 3928 cm³		4							
Diesel Engine EDK 6-4 5890 cm³		6							

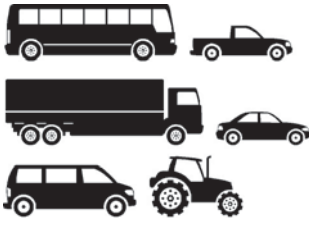
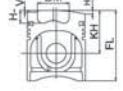
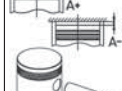
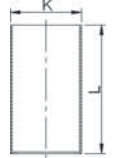
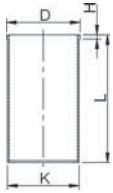


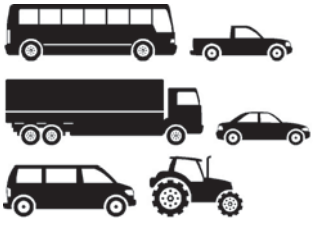
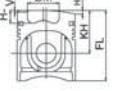
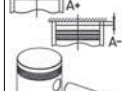
Diesel Engine EDL 3-5 T 49 kW (66 PS) Vehicle Traktor 566 Diesel Engine DL 4-2 T 65 kW (88 PS) Vehicle Traktor 3088 Diesel Engine EDL 6-5 T 92 kW (125 PS) Vehicle Traktor 3125 Diesel Engine EDL 6-6 T 107 kW (145 PS) Vehicle Traktor 3125	2945 cm ³ 1981... 3927 cm ³ 1981... 5890 cm ³ 1981... 5890 cm ³ 1981...	3 4 6 6	100.00 	81.00 -0.75 -24.30 121.00 MØ=57.00 	35.00 85.00 	9006 000 3.000T 3.000K 4.000DY Cr P CrP	2807 000 100.00	4807 000	5468 000 K=109.00 L=242.00 H+F=202.00 D=114.00 FF 	8807
Diesel Engine EDL 2-1 26 kW (35 PS) Vehicle Traktor 335 Diesel Engine EDL 3-1 31 kW (42 PS) Vehicle Traktor 542 Diesel Engine EDL 4-1 55 kW (75 PS) Vehicle Traktor 3075 Diesel Engine EDL 6-3 80 kW (104 PS) Vehicle Traktor 3108	1963 cm ³ 1982... 2945 cm ³ 1982... 3927 cm ³ 1982... 5890 cm ³ 1982...	2 3 4 6	100.00 	81.000 -0.75 -26.00 121.00 MØ=54.60 	35.00 85.00 	9006 000 3.000T 3.000K 4.000DY Cr P CrP	2806 000 100.00	4806 000	5468 000 K=109.00 L=242.00 H+F=202.00 D=114.00 FF 	8806

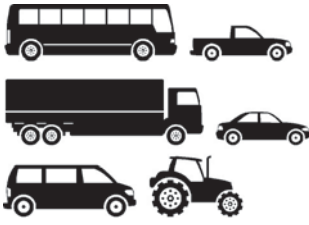
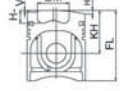
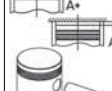
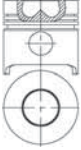
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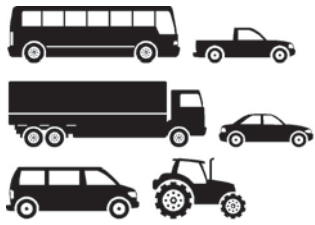
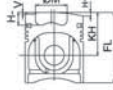
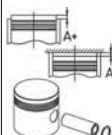
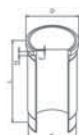
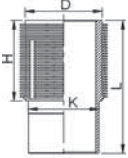
Diesel Engine 2F/4 147 kW (155 PS) Vehicle Series 1616,1820, 1920, 2117, 2418, 2618, 312, 314	9981 cm ³ 1965... 1965...	6	123.00 	90.30 -37.00 165.00 MØ=38.00 	45.00 102.00 	9260 000 3.000T 3.000K 3.000TN 6.000DB CrP P P P	1260 000 123.00 AP	3260 000	5264 000 K=138.95 L=281.50 H+F=15.30+0.50 D=148.95 FF 	7260 K,S
Diesel Engine 2 FB, 2 FU B 124 - 147 kW (193 - 200 PS) Vehicle Track, Bus Industrial Engine	11040 cm ³ 1980...	6	125.00 	89.30 -38.10 137.80 MØ=38.00 	46.00 108.00 	9900 000 3.500T 3.000K 6.000DY CrP P CrP	2900 000 125.000 AP	4900 000	5266 000 K=138.95 L=281.50 H+F=15.30+0.50 D=148.95 FF 	8900 K,S

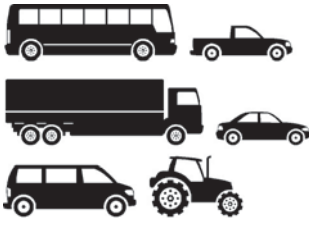
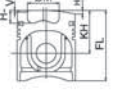
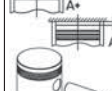
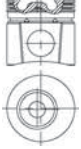
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 614 0000 1135 cm ³ 13 kW (15 PS) Vehicle Tractor la Piccola, Tractor Angledozer, Modell18, 211 R, 221 R, 231 R, 241 R, 251 R Diesel Engine 615 000 2270 cm ³ 29,5 kW (40 PS) Vehicle 411, 421, 441, 451, FL 4, AD 4, 40 CA, 40 CL 1965...1968		2	85.00						5398 000 K=90.06 L=178.00 SF 
		4							5450 000 K=90.06 L=178.00 H+F=6.00 D=91.06 SF 
									5450 050 K=90.50 L=178.00 H+F=6.00 D=91.50 SF
Diesel Engine 8025.02 1728 cm ³ 24 kW (32 PS) Vehicle Tractor 300, 350, 355, 1975... Diesel Engine 8030.02, 8035.02 2592 cm ³ 33 - 45.6 kW (45 - 62 PS) Vehicle Tractor 400, 440, 446, 450, 455, 465, 466, 470, 474, 480, 488, 500, 505, 540 161 N 3 nova terra 4, AD 4 R 8036, C 8050, C 8060, FL 4 C Benfra 115 1973... Diesel Engine 8040.02, 8045.02 3456 cm ³ 44 - 47 - 56 - 60 kW (60 - 64 - 76 - 82 PS) Vehicle Tractor 600/640, 646n 3/4, 40 NC, 50 NC/NCS, 55 NL/ NC 329, R 8070, C 8070 nova terra TL 5, 1973... Diesel Engine 8060.02, 8065.02 5187 cm ³ 74 - 88 - 89.7 kW (100 - 120 - 122 PS) Vehicle Tractor 1000, 80 NC/NT/NR, 90 NC/PC/P 100 NCL, 110 NC/NR/NT/PC, 110 F 12, M 112 1973...		2	100.00	59.65 - -23.70 101.15 MØ=47.00	32.00 84.00	9403 000 2.500D IW CrP 2.500TN P 5.500DY CrP	1403 000 100.00 Pist. Ç k nt s +0.46 / +0.79	3403 000	5403 000 K=103.06 L=187.50 SF 
		3							5404 000 K=103.05 L=187.50 H+F=6.00 D=104.05 SF 
		4							5404 050 K=103.50 L=187.50 H+F=6.00 D=104.50 SF
		6							5404 100 K=104.05 L=187.50 H+F=6.00 D=105.00 SF
						9403 060	1403 060 100.60	3403 060	

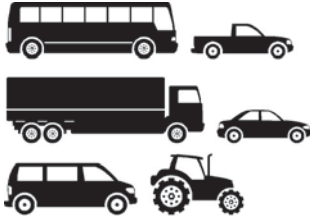
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 8040.02.000 3456 cm ³ 45 - 60 kW (61 - 82 PS) Vehicle Tümosan Tractor, 008201/477 5035 Otoyol Track 50 NC	4	100.00	59.65 - -23.50 101.15 MØ=47.10	34.00 84.00	9406 000 2.500D IW CrP 2.500TN P 4.000DY CrP	1406 000 100.00 Pist. Ç k nt s +0.365 / +0.761	3406 000	5403 000 K=103.06 L=187.50 SF	S
									
								5404 000 K=103.05 L=187.50 H+F=6.00 D=104.05 SF	S
									
Diesel Engine Tier 1 Yesil Motor (50-55 PS) Vehicle TT 50 TRK, TT 55 TRK Diesel Engine Tier 1 Yesil Motor (70 PS) Vehicle TD 75 TRK	3	100.00	65.33 - -20.00 108.68 MØ=48.20	38.00 85.00	9406 000 2.500D IW CrP 2.500TN P 4.000DY CrP	1351 000 100.00	3351 000		
	4								
					9406 060	1406 060 100.60	3406 060		

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 8035,06 2710 cm ³ 41 kW (55 PS) Vehicle 54-56 Diesel Engine 8045,06 3613 cm ³ 48 kW (65 PS) Diesel Engine 8065,06 5818 cm ³ 73 kW (100 PS) Vehicle Baumaschine	3	100.00	65.10 - -22.70 108.50 MØ=49.00	38.00 85.00	9403 000 2.500D IW CrP 2.500TN P 5.500DY CrP	1350 000 100.00 AP	3350 000		
	4								
	6				9403 040 9403 060	1350 040 100.40 1350 060 100.60	3350 040 3350 060		
			65.10 - -22.70 108.50 MØ=49.00	38.00 85.00	9406 000 2.500D IW CrP 2.500TN P 4.000DY CrP	1405 000 100.000 Pist. Ç k nt s +0.365 / +0.761	3405 000		
					9406 040 9406 060	1405 040 100.40 1405 060 100.60	3405 040 3405 060		
	6	100.00						5406 000 K=103.06 L=196.00 SF	
								5449 000 K=103.05 L=196.00 H+F=6.00 D=104.05 SF	

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 8045.06, Turbo 3613 cm ³ Vehicle Tümosan Turbo Tractor	4	100.00	65.10 - -22.70 108.50 MØ=49,00	38.00 85.00	9406 000 2.500 D IW CrP 2.500TN P 4.000DY CrP	1353 000 100.00 AP	3353 000		
					9406 040	1353 040 100.40	3353 040		
					9406 060	1353 060 100.60	3353 060		
Diesel Engine 8025.02 / 8030.02 / 8035.02 / 8040.02 / 8045.02 / 8060.02 / 8065.02 1728 cm ³ 2592 Vehicle Tractor Series 300 / 400 / 500, 50 NC-A, 55 NC, 70 NC, 80NC, 90NC	2	100.00	59.65	32.00	9403 000 2500 D IW CrP 2500 TN P 5500 DY CrP	1354 000 100.00	3354 000		
	3		-	84.00					
	4		-23.70 101.15 MØ=47.00						
	6				9403 060	1354 060 100.60	3354 060		

										
			Ø mm	mm		mm	Ø mm		mm	
Diesel Engine D 115,050 2696 cm³ 39 Kw(53 PS) Vehicle Universal 533 DT	3	102.00	59.50 - -24.50 101.00 MØ=48.50	32.00 84.00	9415 000 2.500D Cr 2.500K P 5.000DY Cr		1415 000 102.00	3415 000	5513 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF  2 SM 110.1x117.6x0.2	7415 K,S
Diesel Engine D 115 2340 cm³ 33,1 Kw (45 PS) Vehicle Universal 453	3									
Diesel Engine D 121,050 3595 cm³ 47 Kw (64 PS) Vehicle Universal 643 DT	4									
Diesel Engine D 171,050 3595 cm³ 47 Kw (64 PS) Vehicle Universal 643	4									
Diesel Engine D 2404,062 3759 cm³ 61 Kw (83 PS) Vehicle Universal 833 DT	4									
Diesel Engine Tractor	4	102.00	57.15 - -23.00 98.65 MØ=50.00	34.00 88.00	9344 000 2.690T Cr 2.500K P 4.000DY Cr		1344 000 102.00 AP	3344 000		
Diesel Engine TECTOR NEF, R 4 Diesel 16 Valves, 17.5:1 3920 cm³ 110 - 125 kW (150 - 170 PS) Vehicle FIAT 150 E18, 150 E24, 150 E24 EuroFire, 150 E28, 150 E28 EuroFire 2000...	4	102.00	71.38 - -18.55 105.38 MØ=56.00	40.00 82.68	9370 000 3.000T Cr 2.350K IF P 4.000DY CrP		2847 000 102.00 AP YS	4847 000		
Diesel Engine TECTOR NEF Euro 3, R 6 Diesel 17.5:1 5880 cm³ 176 - 202 kW (240 - 275 PS) Vehicle FIAT 260 E28KE, 320 E28T 2000...	6				9370 020		2847 050 102.50	4847 050		
					9370 040		2847 100 103.00	4847 100		

									
		Ø mm	mm		mm	Ø mm		mm	
Diesel Engine F4BE0684B 5900 cm ³ 112 kW (160 PS) Vehicle Endustriel engine ; D 402 Movimento Terra D.102 Newholland, Endustriyel engine Tracktor		6	102.00	71.35 - -22.15 105.50 MØ=52.00 	40.00 83.00	9369 000 3.00 T Mo 3.00 TK IW P 4.00 DY CrP	2839 000 102.00 AP	4839 000	
Diesel Engine F4AE3481 A / B / C / D Euro 4 16V Common Rail Turbo Intrcooler 3922 cm ³ 103 - 134 kW (140 - 182 PS) Vehicle 120 E18 / EL17 / EL18 EuroCargo II 09/2006... Diesel Engine F4AE3682 Euro 4/5 Common Rail Turbo Intercooler 5880 cm ³ Vehicle Bus		4	102.00	71.40 - -17.15 105.40 MØ=76.00 	40.00 82.68	9370 000 3.000T Cr 2.350K IF P 4.000DY CrP	2265 000 102.00 AP YS	4265 000	
		6				9370 050	2265 050 102.50	4265 050	
Diesel Engine F4AE0454A / F4BE0454B 5900 cm ³ Vehicle VAS.51 Case Newholland ... AIFO-FTP ...		4-6	102.00	71.45 - -22.00 105.30 MØ=51.30 	40.00 83.00	9370 000 3.00 T Cr 2.35 K IF P 4.00 DY CrP	2834 000 102.00 AP	4834 000	



Ø mm	mm	mm	mm	Ø mm	mm	mm	mm

Diesel Engine

8035.04, 8031.04

2748 cm³

40 - 43 kW (55 - 58 PS)

Vehicle

505 CS, 566 DT, 570 V/F/DFT/DT, 580 DT, 588, R 8056, 565 C, C 8066, Raupe FL 4-L, RadierBenfra 215

Diesel Engine

8040.04.200, 8041.04, 8045.04.300
3666 cm³

63 kW (83 PS)

Vehicle

Model 50/55, 766 DT, 780 DT, 788, R8076 FL5, 765 C, 855 C

Diesel Engine

8055.04.200

4583 cm³

63 - 66 kW (86 - 90 PS)

Vehicle

880-5/DT/S, 955 C, FR7

Diesel Engine

8065.04.02, 8060.04.060

5496 cm³

60 - 123 kW (82 - 168 PS)

Vehicle

100S/DT, 1180DT, Iveco 115, 135, FL 7, 65/79/80/90/95/100/110/315,

3

103.00

59.65

34.00

9407 000

2.500D

CrP

2.500TN

P

4.000DY

CrP

1407 000

103.00

Pist. Ç k nt s

+0.465 /

0.785

3407 000

5407 000

K=107.05

L=187.50

SF



S

4



MØ=50.00

5456 000

K=107.05

L=187.50

H+F=6.00

D=108.00

SF



S

5

6

5456 050

K=107.50

L=187.50

H+F=6.00

D=108.50

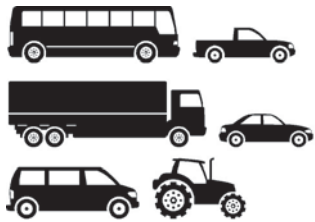
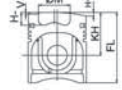
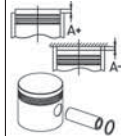
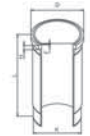
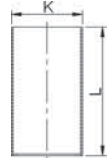
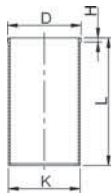
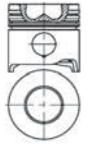
SF

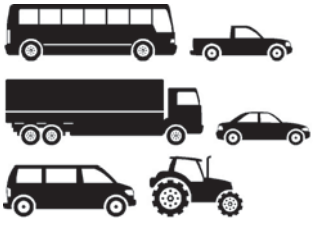
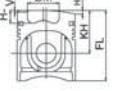
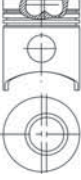
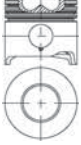
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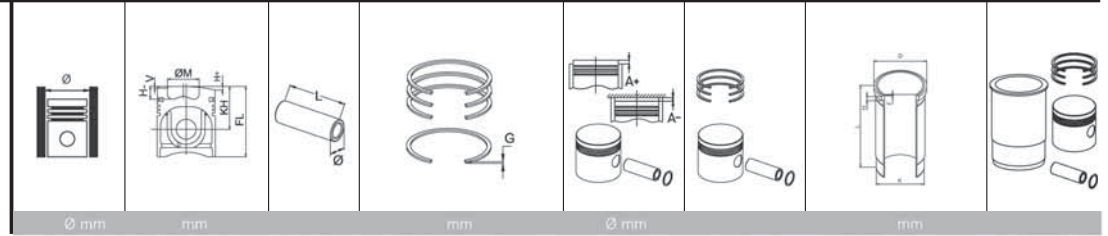
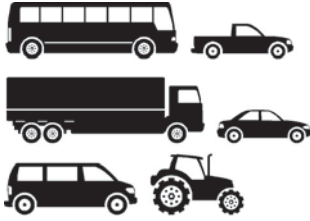
1407 060

103.60

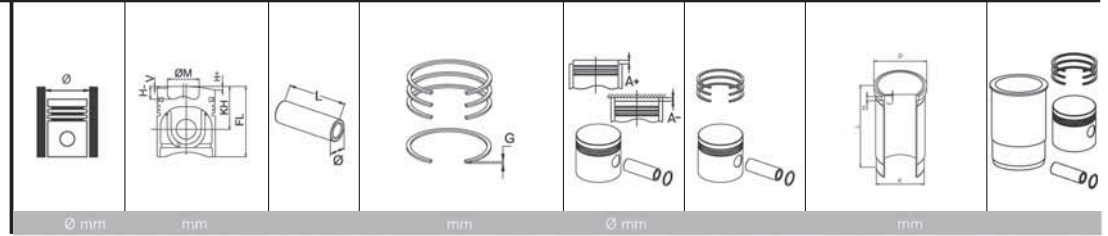
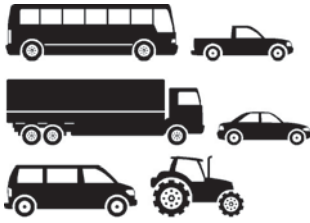
3407 060

									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine 8035.04, 8031.04 2748 cm³ 40 - 43 kW (55 - 58 PS) Vehicle Tractor 505 CS, 566/DT, 570/F/DTF/DT, 580/DT, 588 R 856, Raupe 565 C, C 8066, Raupe FL 4-L, Radlader, Benfra 215 Diesel Engine 8040.04.200, 8041.04, 8045.04.300 3666 cm³ 60 kW (85 PS) Vehicle Baureihe 50/55, Tractor 766/DT, 780/DT, 788 R 876, Raupe FL 5/FL/FR7, FR9,FR12,675 C, 855 C, C 876 Diesel Engine 8055.04.200 4583 cm³ 63 - 66 kW (86 - 90 PS) Vehicle Tractor 880-5/DT/S, Raupe 955 C, Radleder FR7 Diesel Engine 8065.04.2, 8060.04.060 5496 cm³ 60 - 123 kW (82 - 168 PS) Vehicle Tractor 1000 S/DT,1180/DT, Baureihe 65/79/80/90/ 95/100/110,311, Raupe FL 7 1978...	3	103.00	59.65 - -22.40 101.00 MØ=52.00 	34.00 90.00	9407 000 2.500D 2.500TN 4.000DY CrP P CrP	2930 000 103.00 AP	4930 000	5407 000 K=107.05 L=187.50 SF 	S
	4							5456 000 K=107.05 L=187.50 H+F=6.00 D=108.00 SF 	S
	5								
	6								
Diesel Engine 8060.24 Turbo Charged, Normal Aspirated Engine 17:1, 12 Valves 5499 cm³ 124 - 129 kW (168 - 175 PS) Vehicle Series 315.8.17, Series 80-16, Series 115.17.1 Series 135-17.1 Lorraine 170, Series 315.8.17 1983...	6	103.00	59.60 - -22.70 101.15 MØ=51.00 	34.00 90.00	9933 000 3.000T 2.500TN 4.000DY MoP P CrP	2842 000 103.00 AP	4842 000		

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 8061 L 5499 cm ³ Vehicle Industrial Diesel Engine 8065.24 Turbo 5499 cm ³ Vehicle 1280 ,1380 Diesel Engine 8041 L 3666 cm ³ Vehicle Industrial	6	103.00	59.61 - -22.50 59.60 MØ=53.00	34.00 90.00	9933 000 3.000T 2.500TN 4.000DY	MoP P CrP	2933 000 103.00 AP	4933 000	
	6								
	4								
Diesel Engine 8060.24 5499cm ³ Vehicle TESTA VIPERA VASCH 5.1	6	103.00	59.65 - 22.70 101.150 51.00	34.00 90.00	9933 000 3.00 T 2.50 TN 4.00 DY	Mo-P P Cr-P	2835 000 103.00 AP HA	4835 000	
									



Diesel Engine 8035.05.000, 8030.05 2931 cm ³ 37 - 43 kW (50 - 59 PS) Vehicle Iveco Diesel Engine 8040.05 3908 cm ³ 59 kW (80 PS) Vehicle Iveco 35.9, Iveco 65.9 Diesel Engine 8050.05, 8045.05.000, 8055.05 4885 cm ³ 66 - 72 kW (90 - 98 PS) Vehicle Iveco Diesel Engine 8065.05.000, 8060.05.000 5862 cm ³ 63 - 105 kW (86 - 138 PS) Vehicle Iveco 1986...	3 104.00 65.15 - -22.50 108.50 MØ=52.00 4 5 6	 	38.00 85.00	9340 000 2.500D CrP 2.500TN P 4.000DY CrP	1408 000 104.00 AP Pist. Ç k nt s +0.460 / +0.790	3408 000 5408 000 K=107.07 L=198.00 SF 5409 000 K=106.97 L=198.00 H+F=5.05 D=109.85 SF 5409 050 K=107.50 L=198.00 H+F=6.00 D=110.35 SF	S S
Diesel Engine 8065.05.000 5862 cm ³ 73 kW (100 PS) Vehicle Tractor 1987... Fiat 66, 76, 90, 93, 94, F, L Series Ford New Holland 30, 35, L, TK Series - Crawlers TL Series	6 104.00 65.10 - -22.70 108.50 MØ=51.70 65.10 - -22.70 108.50 MØ=51.70	 	38.00 85.00	9340 000 2.500D CrP 2.500TN P 4.000DY CrP 9340 060	1340 000 104.00 1343 000 104.00 AP 1343 060 104.60	3340 000 3343 000 5408 000 K=107.07 L=198.00 SF 5409 000 K=106.97 L=198.00 H+F=5.05 D=109.85 SF 5409 050 K=107.50 L=198.00 H+F=6.00 D=110.35 SF	S S



Diesel Engine

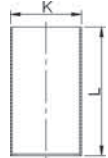
8040.25.00 Euro 0
Turbocharge

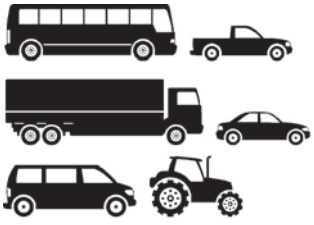
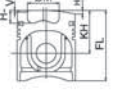
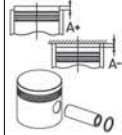
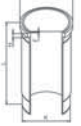
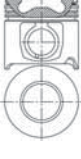
86 kW (115 PS)

3908 cm³

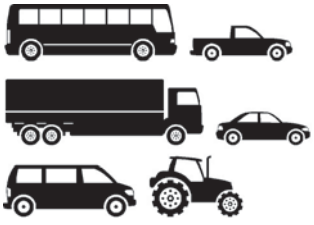
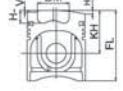
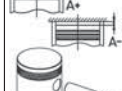
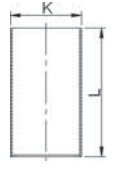
Vehicle

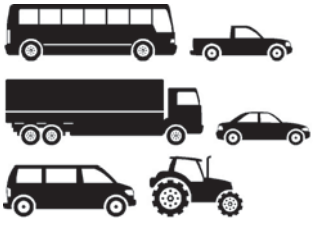
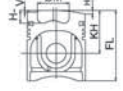
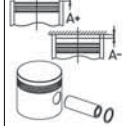
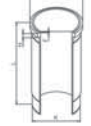
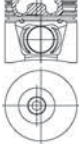
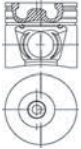
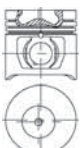
23.12, 24.12, 85.12 Kamyon,
M 29 Midibüs

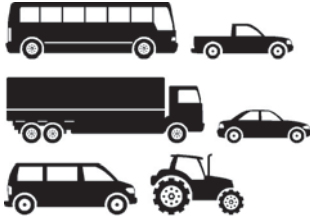
4	104.00	65.10 - -22.50 104.15 MØ=54.50	38.00 85.00	9409 000 3.000T MoP 2.500K IWU P 4.000DY CrP	1342 000 104.00 AP Pist. Ç k nt s +0.460 / +0.790	3342 000	5408 000 K=107.07 L=198.00 SF 	S
							5409 000 K=106.97 L=198.00 H+F=5.05 D=109.85 SF 	S
							5409 050 K=107.50 L=198.00 H+F=6.00 D=110.35 SF	
		65.10 - -22.50 104.15 MØ=54.50	38.00 85.00	9409 000 3.000T MoP 2.500TN IWU P 4.000DY CrP	1409 000 104.00 AP	3409 000		
				9409 060	1409 060 104.60	3409 060		

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 8065.05 85 kW (115 PS) Vehicle FE 18 R, FL 10 E, FR 12 B 1984...	6	104.00	65.15 - -22.30 108.50 MØ=54.50	38.00 89.00	9409 000 3.000T MoP 2.500K IWU P 4.000DY CrP	1341 000 104.00 AP	3341 000	5408 000 K=107.07 L=198.00 SF	S
									
								5409 000 K=106.97 L=198.00 H+F=5.05 D=109.85 SF	S
								5409 050 K=107.50 L=198.00 H+F=6.00 D=110.35 SF	
Diesel Engine Yesil Motor	4	104.00	65.33 - -21.40 104.33 MØ=48.20	38.00 85.00	9340 000 2.500D CrP 2.500TN P 4.000DY CrP	1352 000 104.00	3352 000		
									
Diesel Engine 8040,25 3906 cm ³ 85 kW (115 PS) Vehicle 75 E 12, 60 E 12, 65 E 1265 E 12H, Euro Cargo Diesel Engine 8060,25 5862 cm ³ 129 kW (165 PS) Vehicle 80 E 18, 100 E 18, 120 E 18 130 E 18, 135 E 18, 150 E 18 170 E 18, 150 E 18H, 315 S, 316 S Euro Cargo	4	104.00	65.33 - -21.00 104.33 MØ=46.00	38.00 85.00	9859 000 3.500T Mo 2.500K IWU Cr 4.000DY	2850 000 104.00 AP	4850 000	5408 000 K=107.07 L=198.00 SF	S
	6								

		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 8040,45 TCA Euro 2 3907 cm ³ 85 - 100 kW (115 - 136 PS) Vehicle 65 E 14, 130 E 23 , Euro Cargo 1996... Diesel Engine 8040,45 5200 Euro 2 3907 cm ³ 84 - 100 kW (114 - 136 PS) Vehicle Einbaumotor Diesel Engine 8040,45,5200, 8040,45,5201 8040,45,5203, 8040,45,5280 8040,45,5281 Euro 2 3907 cm ³ 100 kW (136 PS) Vehicle 67 E 14, 75 E 14,EuroCargo, 75 E 14, EuroFire Diesel Engine 8040,45D,5100, 8040,45D,5201 8040,45D,5103, 8040,45D,5105, Euro 2 3907 cm ³ 85 kW (116 PS) Diesel Engine 8060,45,5200, Euro2, 8060,45,5200/5201/5203/5205/5220/ 5221/5223/5232/5233/5234/5235/525 0/5251/5255 8060,45B,5100/5101/5103/51055111/ 51128060, SRC21A001, 18060,SRC22L003 5681 cm ³ 130 - 151 kW (177 - 206 PS)	4	104.00	65.33 - -21.75 104.33 MØ=48.20	38.00 85.00	9859 000 3.500T Mo 2.500K IWU 4.000DY Cr	2851 000 104.00 AP	4851 000	5409 000 K=106.97 L=198.00 H+F=5.05 D=109.85 SF	S
	4								
	4							5409 050 K=107.50 L=198.00 H+F=6.00 D=110.35 SF	
	6								
Diesel Engine 8040,45,400 3908 cm ³ 100 kW (136 PS) Vehicle 75 E 14, 60 E 14, 65 E 14 Diesel Engine 8060,45,410, 8060,45,600 5861 cm ³ 151 kW (156 PS) Vehicle 80 E 21, 180 E21, 100 E 21	4	104.00	65.30 - -22.10 104.30 MØ=54.50	38.00 85.00	9859 000 3.500T Mo 2.500K IWU 4.000DY Cr	2856 000 104.00 AP Pist. Ç k nt s +0.53 / +0.72	4856 000	5409 000 K=106.97 L=198.00 H+F=5.05 D=109.85 SF	S
	6								
								5409 050 K=107.50 L=198.00 H+F=6.00 D=110.35 SF	

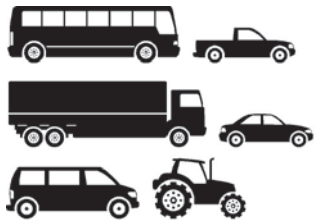
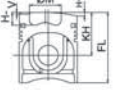
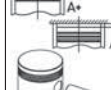
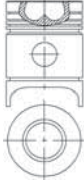
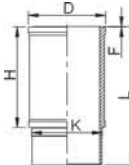
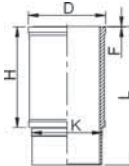
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 8060.45.7200 Euro 2 5858 cm ³ 104 - 167 kW (141 - 227 PS) Vehicle 120 E/130 E/150 E 23 EuroCargo 1996... Diesel Engine 8060.45.7215 Euro 2 5858 cm ³ 104 - 167 kW (141 - 227 PS) Vehicle 120 E/130 E/150 E 23 EuroCargo 1996...	6	104.00	65.33 -0.35 -20.55 104.33 MØ=54.00	38.00 85.00	9859 000 3.500T Mo 2.500K IWU 4.000DY Cr	2865 000 104.00 AP	4865 000	5409 000 K=106.97 L=198.00 H+F=5.05 D=109.85 SF	S
	6		 						
								5409 050 K=107.50 L=198.00 H+F=6.00 D=110.35 SF	
								5409 100 K=108.00 L=198.00 H+F=6.00 D=110.35 SF	
Diesel Engine 8040.25.200/1/2/3, 8060.25.080/600-.605 Common Rail Diesel Injector 3908 cm ³ 134 kW (181 PS) Vehicle Iveco, Euro Cargo 100 E/80 E 15/80 E 18 Turbo, Euro cargo 65.12 1983... / 1985... / 1987 Diesel Engine 8040.25.200/1/2/3, 8060.25.080/600-.605 Common Rail Diesel Injector 5868 cm ³ 154 kW (210 PS) Vehicle Iveco, Euro Cargo 100 E/80 E 15/80 E 18 Turbo, Euro cargo 65.12 1983... / 1985... / 1987	6	104.00	65.15 - -20.88 104.15 MØ=54.50	38.00 85.00	9409 000 3.000T MoP 2.500K P 4.000DY CrP	1355 000 104.00 AP	3355 000	5408 000 K=107.07 L=198.00 SF	S
	6		 						
								5409 000 K=106.97 L=198.00 H+F=5.05 D=109.85 SF	S
									
								5409 050 K=107.50 L=198.00 H+F=6.00 D=110.35 SF	

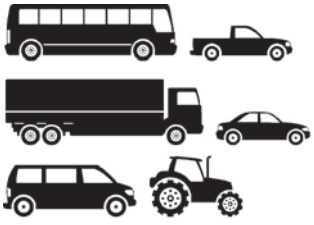
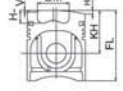
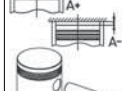
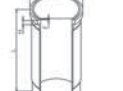
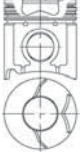
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine NEF3 Euro 3 Charge Intercooling 17.5:1 3364 cm ³ 50 - 58 kW (68 - 79 PS) Vehicle Class Nectis 227 / 237 Diesel Engine NEF45 AM1 Euro 3 Charge Intercooling 17.5:1 4500 cm ³ (80-90-116-118 PS) Vehicle Class Nectis 247 / 257 / 267 / 240 Diesel Engine NEF67 SM1 / TM3 Charge Intercooling 17.5:1 6700 cm ³ 150 / 207 PS	3	104.00	62.385 - -24.20 96.40 MØ=52.40	38.00 82.00	9416 000 3.000T Ck 2.385K IFU P 4.000DY Cr	2264 000 104.00 AP	4264 000		
	4				9416 040	2264 040 104.40	4264 040		
	6								
Diesel Engine N67 / F4GE0687 3364 cm ³ / 4500 Vehicle VASC.52 DISASSATA CLASS Traktör		104.00	62.385 - -24.20 96.385 MØ=52.50	38.00 82.00	9416 000 3.000T Ck 2.385K IFU P 4.000DY Cr	2263 000 104.00 AP	4263 000		
					9416 040	2263 040 104.40	4263 040		
Diesel Engine 8045.05C.231 / 8045.05B.241 / 8035.05. 2908cm ³ Vehicle Traktör, Endüstriyel Engine	3-4	104.00	65.33 - -21.40 104.33 MØ=48.20	38.00 85.00	9340 000 2.500D CrP 2.500TN P 4.000DY CrP	2832 000 104.00	4832 000		
					9340 060	2832 060 104.60	4832060		

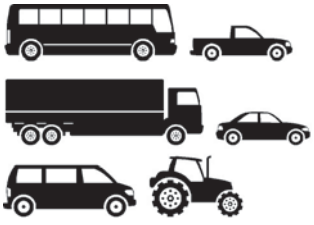
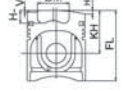
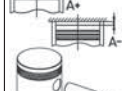
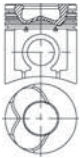
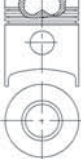
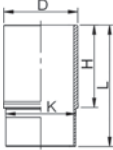
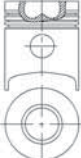
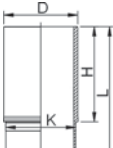


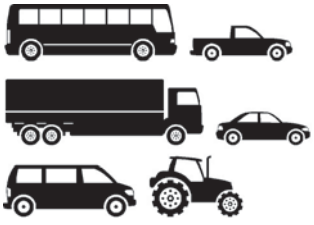
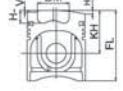
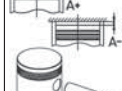
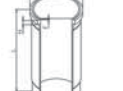
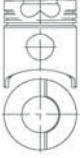
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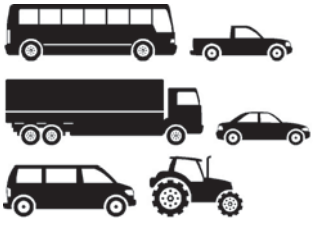
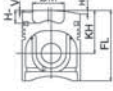
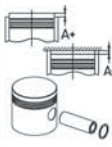
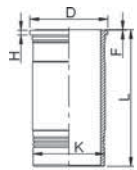
Diesel Engine CN 3 3706 cm ³ 48 kW (65 PS) Diesel Engine CO 3 CO3/7 4940 cm ³ 76 - 81 kW (103 - 110 PS) Diesel Engine CP 3 CP 3/42 7412 cm ³ 114 kW (155 PS) Vehicle Tigrotto 50/55/65,90 C/N/L OM80/90/100/120/120 C/ 130 R/650 S/655/ 655 C / 850/850 S 1968...	3	110.00	70.20 - -28.00 140.20 MØ=54.80 	40.00 93.00	9411 000 2.500D CrP 2.500D P 2.500N P 5.000DY CrP	1411 000 110.00	3411 000	5411 000 K=117.95 L=235.90 H+F=169.95+0.90 D=129.50 FF PHS 1 CU 118.5x127.5x0.05 1 CU 118.5x127.5x0.07 1 CU 118.5x127.5x0.1	7411 K,S
Diesel Engine CO 3/20/21/40/41/75 4562 cm ³ 66 kW (90 PS) Vehicle Cerbiatto-V, Lupetto, Daino, Tigrotto, Leoncino, OM 50/55/ 65/70/75, Tractor 840/880 1968...	4	110.00	75.20 - -27.50 150.20 MØ=51.10 	40.00 93.00	9411 000 2.500D CrP 2.500D P 2.500N P 5.000DY CrP	1345 000 110.00 AP	3345 000	5411 000 K=117.95 L=235.90 H+F=169.95+0.90 D=129.50 FF PHS 1 CU 118.5x127.5x0.05 1 CU 118.5x127.5x0.07 1 CU 118.5x127.5x0.1	7345 K,S
			75.20 - -27.50 150.20 MØ=51.10 	40.00 93.00	9411 000 2.500D CrP 2.500D P 2.500N P 5.000DY CrP	1412 000 110.00	3412 000	5411 000 K=117.95 L=235.90 H+F=169.95+0.90 D=129.50 FF PHS 1 CU 118.5x127.5x0.05 1 CU 118.5x127.5x0.07 1 CU 118.5x127.5x0.1	7412 K,S

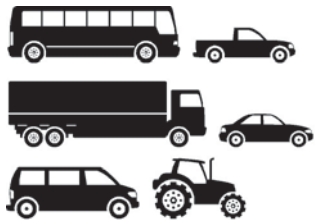
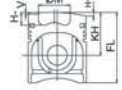
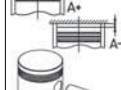
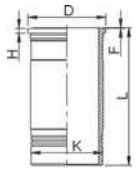
								
	Ø mm	mm		mm	Ø mm		mm	
Diesel Engine CO 3/20/21/40/41/75 4562 cm³ 66 kW (90 PS) Vehicle Cerbiatto-V,Lubetto,Daino, Tigrotto,Leoncino, OM 50/55/65/70/75 Tractor 840/880 1968...	4	110.00	75.20 - -27.50 150.20 MØ=51.10 	40.00 93.00	9412 000 2.500D IF CrP 2.500D P 2.500TN P 5.000DY CrP 5.000DC P	1414 000 110.00	3414 000 5411 000 K=117.95 L=235.90 H+F=169.95+0.90 D=129.50 FF PHS  1 CU 118.5x127.5x0.05 1 CU 118.5x127.5x0.07 1 CU 118.5x127.5x0.1	7414 K,S
Diesel Engine CN 3 3706 cm³ 48 kW (65 PS) Diesel Engine CO 3, CO3/7 4940 cm³ 76 - 81 kW (103 - 110 PS) Diesel Engine CP 3, CP 3/42 7412 cm³ 114 kW (155 PS) Vehicle igrotto 50/55/65,90 C/N/L OM80/90/100/120/120 C/130 R/650 S/655/ 655 C / 850/850 S 1968...	3 4 6	110.00	70.20 - -28.00 140.20 MØ=54.80 	40.00 93.00	9412 000 2.500D IF CrP 2.500D P 2.500TN P 5.000DY CrP 5.000DC P	1410 000 110.00	3410 000 5411 000 K=117.95 L=235.90 H+F=169.95+0.90 D=129.50 FF PHS  1 CU 118.5x127.5x0.05 1 CU 118.5x127.5x0.07 1 CU 118.5x127.5x0.1	7410 K,S

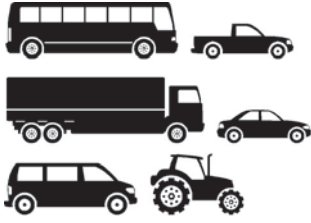
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 8360.46 R 6 Diesel, 17:1 Turbo, IC 7684 cm ³ 196 kW (267 PS)		6	112.00	76.50 -1.50 -26.30 126.50 MØ=52.00	42.00 93.00	9848 000 3.500T CK 2.500K IWU Cr 4.000DY Cr	2843 000 112.00 AP YS	4843 000	
Vehicle 150 E27 EuroCargo, 150 E27 EuroFire, 170 E27 EuroCargo 180 E27 EuroTech, 190 E27 EuroTech, 260 E27KE EuroCargo 320 E27 EuroCargo, 325 E27 EuroTech, 370 E27, 370 SE.27 Bus 1982...									
Diesel Engine 8360.46B R 6 Diesel, 17:1 Turbo, IC 7684 cm ³ 162 - 196 kW (220 - 267 PS)		6							
Vehicle 370 SE2.27, 490 E2, 532 E2, 590 E2, 623 E2 CityClass .22 Bus, CityClass .27 Bus ...1981									
Diesel Engine 8360.46R, Euro 2 R 6 Diesel, 17:1 Turbo, IC 7684 cm ³ 175 kW (238 PS)		6							
Vehicle 180 E24 EuroTech, 190 E24 EuroTech									
Diesel Engine 8360.46V R 6 Diesel, 17:1 Turbo, IC 7684 cm ³ 162 - 196 kW (220 - 267 PS)		6							
Vehicle 370 SE2.27, 490 E2, 532 E2, 590 E2, 623 E2 CityClass .22 Bus, CityClass .27 Bus 1982...									

									
Ø mm		mm	mm	mm	Ø mm	Ø mm	mm	mm	
Diesel Engine 8360.46 Euro 1 Turbo Intercooled 7685 cm ³ 196 kW (226 PS) Vehicle 180 E 24, 190 E 24, 370 SE 2.27, Euro Cargo 7.7 TD, Eurotech 7.7 TD, L 626 MCS 01/1991... Diesel Engine 8360.46R.416 (TCA) 17:1 Turbo Intercooled 7685 cm ³ 176 kW (240 PS) Vehicle EuroTech MT 180 E 24 01/1992...12/1996 EuroTech MT 180 E 24 K 01/1993...12/1996 EuroTech MT 180 E 24 P 01/1992...12/1996 EuroTech MT 190 E 24 01/1997...08/1998 EuroTech MT 190 E 24 K EuroTech MT 190 E 24 P	6	112.00	76.50 -1.50 25.00 126.50 MØ=52.00 	42.00 93.00	9865 000 3.500T Ck 2.500K IWU Cr 4.000DY Cr	2874 000 112.00 AP YS	4874 000		
	6				9865 050	2874 050 112.50	4874 050		
					9865 100	2874 100 113.00	4874 100		
Diesel Engine 8340.04.000 4570 cm ³ 66.5 kW (90 PS) Vehicle 55 OM 9 Diesel Engine 8340.06.000 4570 cm ³ 73.5 kW (100 PS) Vehicle 50 OM 10, 65 OM 10, 70 OM 10, 75 OM 10 1977...1987	4	115.00	76.50 - -27.00 140.50 MØ=52.00 	42.00 97.00	9413 000 2.500D IF Cr 2.500K Fe 4.000DY Cr	1413 000 115.00 AP	3413 000	5413 000 K=121.95 L=215.00 H+F=146.97 D=129.80 FF PHS 	7413 K,S
Diesel Engine 8365.25.000 8102 cm ³ 120 - 133 kW (163 - 180 PS) Vehicle 1580, 1880, 160-90, 180-90, FD/FL 14, FR 15, FR 20, FE 28, FG 85, FG 95, FA 150, FR 158, 1980...	6	115.00	76.50 - -29.00 140.50 MØ=52.00 	42.00 97.00	9346 000 3.000T Cr 2.500K IF Cr 4.000DY Cr	1346 000 115.00 AP	3346 000	5415 000 K=121.95 L=235.00 H+F=166.92 D=129.80 FF PHS 	7346 K,S

									
		Ø mm	mm		mm	Ø mm		mm	
Diesel Engine 8361.25.510 R 6 Diesel, Turbo 154 kW (210 PS) 8101 cm ³ Vehicle Stationary Engine		6	115.00	76.50 -1.00 -27.70 126.50 MØ=59.00	42.00 97.00	9346 000 3.000T Nt 2.500K IF Cr 4.000DY Cr	2867 000 115.00 AP	4867 000	
Diesel Engine 8361.45.500 R 6 Diesel, Turbo, IC 169 kW (230 PS) 8101 cm ³ Vehicle Stationary Engine		6							
Diesel Engine 8361.45.530 R 6 Diesel, Turbo, IC 243 kW (330 PS) 8101 cm ³ Vehicle Marine Engine		6							
Diesel Engine 8365.25.500 R 6 Diesel, Turbo, 15.5:1 Engine No. ... 600463 8102 cm ³ 120 - 132 kW (163 - 180 PS) Vehicle 160.90, 180.55, 180.9, 180.90DT, 1880 DT 1982... 1880, FA 150, FD 14, FE 28, FG 85, FG 95, FL 14 FR 15, FR 158, FR 20 1980...		6							
Diesel Engine 8365.25.532 R 6 Diesel, 15.5:1 Turbo 8102 cm ³ 120 - 132 kW (163 - 180 PS) Vehicle 1580, 180.90, 1880, FA 150, FD 14, FE 28, FG 85 FG 95, FL 14, FR 15, FR 158, FR 20 1980...		6							

									
Ø mm		mm		mm		Ø mm		mm	
Diesel Engine F2 BE 3681 Charge Intercooling, Common Rail 24 Valves, 17:1 7790 cm ³ 259 - 265 kW (352 - 360 PS)		6	115.00	72.10 - -19.30 117.10 MØ=61.70	46.00 95.30	9844 000 2.385D IF CrP 2.385D IF P 2.385K IW P 6.350DY CrP	2844 000 115.00 AP YS	4844 000	
Vehicle 190 S 35 Stralis AD / AT, 190 S 36 Stralis AD 260 S 35 / 36 Stralis AD, 440 S 35 / 36 Stralis AD 440 S 36 Stralis AT 2003... 190 T 35 Trakker AD / AT, 190 T 36 Trakker AD / AT, 260 S 36 Stralis AT, 260 T 35 Trakker AD / AT, 380 T 36 Trakker AD 1998...									
Diesel Engine F2 BE 3681 Charge Intercooling, Common Rail 24 Valves, 17:1 7790 cm ³ 228 kW (310 PS)									
Vehicle 190 S 33 Stralis AD / AT, 260 S 33 Stralis AD / AT, 440 S 33 Stralis AD / AT 2006... 190 T 31 Trakker AD / AT 1998... 190 S 31 Stralis AT, 260 S 31 Stralis AD / AT 2003...									
Diesel Engine F2BE 0681 AA / BA / CA / DA / EA / FA CURSOR 8, Turbo, IC, 24 Valves, 17:1 7790 cm ³ 180 - 259 kW (245 - 352 PS)		6	115.00	72.10 - -19.30 117.10 MØ=84.00	46.00 95.50	9840 000 3.000T CrP 2.500TN IFU CrP 4.000DY CrP	2840 000 115.00 AP YS	4840 000	5273 000 K=128.50 L=211.00 H+F=9.00+1.20 D=136.50 FF
Vehicle 180 E27 EuroTrakker Cursor, 190 E24 EuroMover Cursor, 190 E27 / E35 EuroTrakker Cursor, 190 E35 EuroTrakker Cursor, 260 E24 EuroMover Cursor, 260 E24 / 35 EuroTech Cursor, 260 E31 / 35 EuroTrakker Cursor, 340 E35 EuroTrakker, 380 E35 EuroTech / Trakker Cursor, 400 E35 EuroTech Cursor, 410 E35 EuroTrakker, 440 E31/ 35 EuroTech Cursor, CityClass 29, CityClass 35, XL240, XL270 XL310, XL350 2000...									8840

								
	Ø mm	mm		mm	Ø mm		mm	
Diesel Engine F2 BE 0681 A Euro 3 Charge Intercooling 24 Valves, 17:1 259 kW (352 PS) Vehicle 190 E 35 EuroTech, 190 S 35 Stralis AD / AT, 190 S 35 Trakker AD / AT, 190 S 36 Stralis AD / AT, 190 S 36 Trakker AD, 260 E 35 EuroTech, 260 S 35 Stralis AD / AT, 260 S 35 Trakker AD, 260 S 36 Trakker AT, 260 T 35 Trakker AT, 380 E 35 EuroTrakker, 380 T 35 Trakker AD, 400 E 35 EuroTech, 400 E 35 EuroTrakker, 440 S 35 Trakker AD, 440 S 36 Stralis AD 1998...	6	115.00 72.10 - -19.30 117.10 MØ=61,70 	46.00 95.50	9840 000 3.000T CrP 2.500TN IFU CrP 4.000DY CrP	2841 000 115.00 AP YS	4841 000	5273 000 K=128.50 L=211.00 H+F=9.00+1.20 D=136.50 FF 	8841
Diesel Engine F2 BE 0681 CA Euro 3, F2 BE 0681 D Euro 3, F2 BE 0681 DA Euro 3, F2 BE 0681 DB Euro 3 Charge Intercooling 17:1, 24 Valves 180 kW (245 PS) Vehicle 190 E 24 EuroMover, 260 E 24 EuroMover, 180 E 24 EuroTrakker, 190 E 24 EuroTech, 190 E 24 EuroTrakker, 260 E 24 EuroMover, 260 E 24 EuroTech 2000...	6							
Diesel Engine F2 BE 0681 B Euro 3, F2 BE 0681 F Euro 3 Charge Intercooling, Common Rail 17:1, 24 Valves 228 kW (310 PS) Vehicle 190 E 31 EuroTech, 260 E 31 EuroTech, ENGINE 2000...	6							
Diesel Engine F2 BE 0681 C Euro 3 Charge Intercooling 17:1, 24 Valves 200 kW (272 PS) Vehicle 190 E 27 EuroTech, 190 E 27 Stralis AD 190 E 27 Stralis AT, 260 E 27 EuroTech 1998...	6							



Ø mm	mm	mm	mm	Ø mm	Ø mm	mm	mm	mm

Diesel Engine

CO 3-130T, R 4 Diesel

5400 cm³

Vehicle

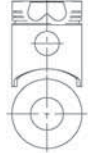
80C, 90C, 7C-7D, FL8C,
FL9-8B, FR9/1, LS9, SR9

1982...

80C, 90C, 7C-7D, FL8C,
FL9-8B, FR9/1, LS9, SR9

1972...1981

4	115.00	70.50 - -29.40 140.50 MØ=54.00	40.00 98.50	9935 000 2.500D IF CrP 2.500D IF P 5.000DY P	2935 000 115.00	4935 000		
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Diesel Engine

8460.41 E/K/R/T Euro 2

9498 cm³

276 kW (375 PS)

Vehicle

AP 160, AP 160,26, AP 160 -12 -26
180/400 E30 Euro Traker,
180/400 E34 Euro Traker,
Euro Rider 29, 240 E25 Euro Tech

Diesel Engine

8460,41 SRI

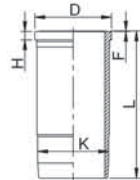
9498 cm³

276 kW (375 PS)

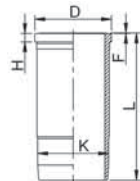
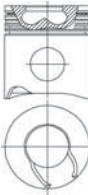
Vehicle

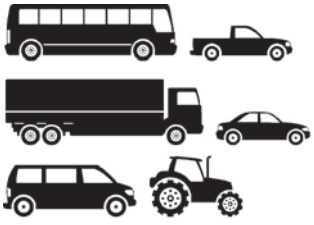
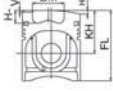
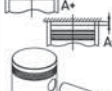
Euro Rider 29, Euro Rider 29A
490-18-29

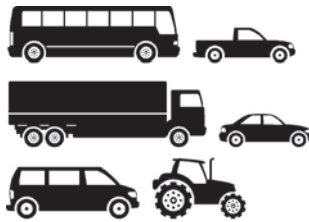
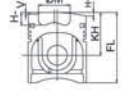
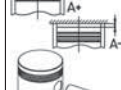
6	120.00	84.70 -3.18 -27.40 134.70 MØ=60.00	48.00 96.00	9853 000 3.500T Cr 3.000K IF 5.000DY Cr	2852 000 120.00 AP YS	4852 000	5444 000 K=134.00 L=249.25 H+F=10.00+1.00 D=144.80 FF PHS	8852 K,S
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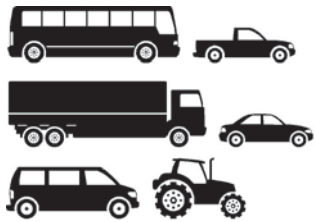
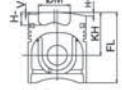
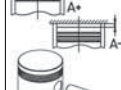
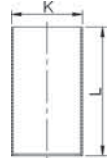
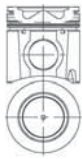
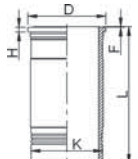


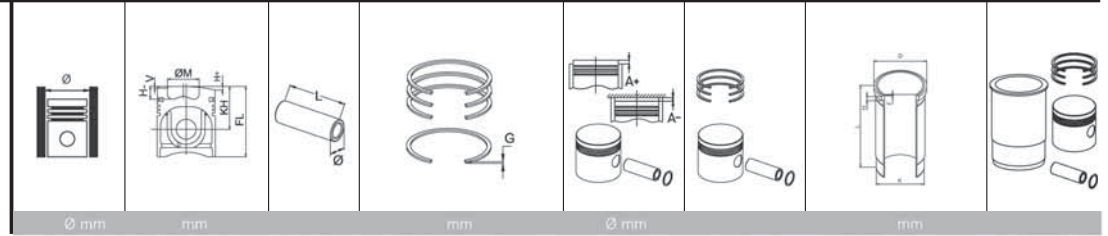
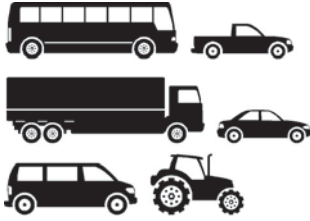
6	120.00	84.70 -3.18 -27.40 134.70 MØ=60.00	48.00 96.00 PDB	9853 000 3.500T Cr 3.000K IF 5.000DY Cr	2862 000 120.00 AP YS	4862 000	5444 000 K=134.00 L=249.25 H+F=10.00+1.00 D=144.80 FF PHS	8862 K,S
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		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 8460.21.002 R 6 Diesel, 16:1 Turbo 9498 cm ³ 176 kW (239 PS)		6	120.00	84.70 - -22.60 134.70 MØ=71.80	48.00 108.00	9853 000 3.500T Cr 3.000K IF 5.000DY Cr	2866 000 120.00 AP YS HA	4866 000	
Vehicle 175.24, Stationary Engine 1987...									
Diesel Engine 8460.21.004 R 6 Diesel, 16:1 Turbo 9498 cm ³ 176 kW (239 PS)		6							
Vehicle 175.24, Stationary Engine 1987...									
Diesel Engine 8460.21.102 R 6 Diesel, 16:1 Turbo 9498 cm ³ 192 kW (261 PS)		6							
Vehicle 190.26, Stationary Engine 1989...									
Diesel Engine 8460.21.406 R 6 Diesel, 16:1 Turbo 9498 cm ³ 191 kW (260 PS)		6							
Vehicle Stationary Engine									
Diesel Engine 8465.21.002, R 6 Diesel, 16:1 Turbo 9498 cm ³ 184 kW (250 PS)		6							
Vehicle Stationary Engine									

									
		Ø mm	mm		mm	Ø mm		mm	
Diesel Engine 8460.41S.733 254 kW (345 PS) Diesel Engine 8460.41.SRI.20A 005 214 kW (291 PS) Diesel Engine 8460.41S.735 254 kW (345 PS) Diesel Engine 8460.41S.739 254 kW (345 PS) Diesel Engine 8460.218.613 162 kW (220 PS) Diesel Engine 8460.218.615 162kW (220 PS)	6 								

	 Ø mm	 mm	 mm	 mm	 Ø mm	 mm	 mm	 mm	
Diesel Engine 203 61, 203 A, 203 H, 310 61, 310H 11548 cm³ 132 kW (180 PS) Vehicle 306, 310, 410 A, 410 ST, 411, 412 A, 682 N3, 682 N4, 682 T4, 682 T5, 690 N1, 690 N2, 690 T2, 694 T1, 766 D, Einbaumotor	6	130.00					5459 000 K=136.00 L=282.00 FF 		
							5460 000 K=136.08 L=282.00 SF		
							5460 020 K=136.20 L=282.00 SF		
Diesel Engine F3B CURSOR 13, Euro 3 R 6 Diesel, Stroke 150mm Turbo, IC, 24 Valves 12880 cm³ 279 - 353 kW (380 - 480 PS) Vehicle Eurotrakker 2000...2006 Stralis 2002...2006 Diesel Engine F3B CURSOR 13, Euro 3 R 6 Diesel, Stroke 150mm Turbo, IC, 24 Valves, 17:1 12880 cm³ 393 kW (535 PS) Vehicle Stationary Engine Stralis 2002...2006	6	135.00	90.40 - -23.10 142.40 MØ=94.00 	54.00 107.50	9846 000 4.000T Ck 3.000TN IWU Cr 5.000DY Cr	2846 000 135.00 AP YS	4846 000	5275 000 K=151.90 L=255.00 H+F=10.00+1.20 D=161.00 FF 	8849 K,S


Diesel Engine

F3 BE 0681 A Euro 3, Common Rail,
Charge intercooling
24 Valves, 16.5:1
397 kW (540 PS) 12882 cm³

Vehicle

260 S 54 Stralis AS, 440 S 54 Stralis
AS, 540 S 54 Stralis AS
02.2002...

Diesel Engine

F3 BE 0681 C / CB Euro 3
Charge intercooling, Common Rail
24 Valves, 16.5:1
324 kW (441 PS) 12882 cm³

Vehicle

190 E 44 EuroTrakker,
190 T 44 Trakker AD / AT,
190 T 45 Trakker AD / AT,
260 E 44 EuroTrakker,
340 E 44 EuroTrakker,
380 E 44 EuroTrakker,
400 E 44 EuroTrakker,
410 E 44 EuroTrakker,
440 E 44 EuroTrakker,
720 E 44 EuroTrakker

Diesel Engine

F3 BE 0681 B Euro 3, F3 BE 0681 E
Euro 3
Charge intercooling, Common Rail
24 Valves, 16.5:1
353 kW (480 PS) 12882 cm³

Vehicle

260 E 48 EuroTrakker, 380 E 48
EuroTrakker,
410 E 48 EuroTrakker, 720 E 48
EuroTrakker

Diesel Engine

F3 BE 0681 F Euro 3, Charge
intercooling, Common Rail
24 Valves, 16.5:1
337 kW (460 PS) 12882 cm³

Vehicle

440 E46 EuroStar
03.2001...

Diesel Engine

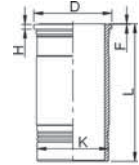
F3 BE 0681 G Euro 3, Charge
intercooling, Common Rail
24 Valves, 16.5:1
280 kW (381 PS) 12882 cm³

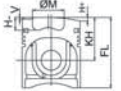
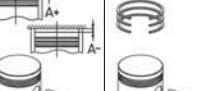
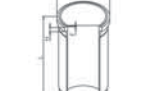
Vehicle

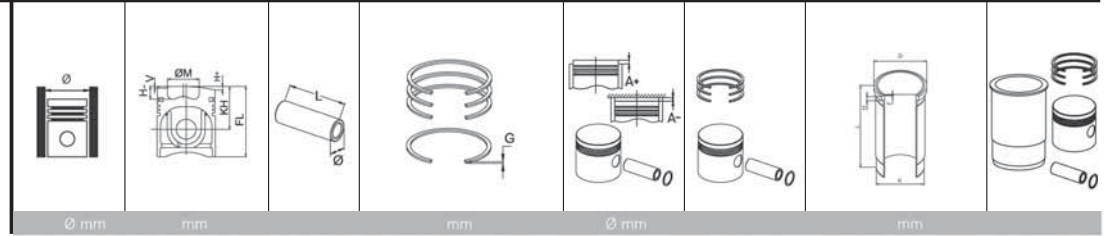
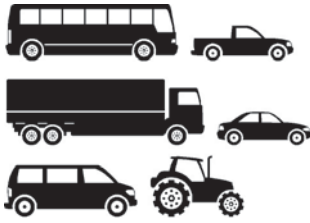
190 E 38 EuroTrakker,
190 T 38 Stralis AD / AT,
190 T 38 Trakker AD / AT,
260 E 38 EuroTrakker,
260 T 38 Trakker AD / AT,
340 E 38 EuroTrakker,
380 E 38 EuroTrakker,
380 T 38 Stralis AD / AT,
400 E 38 EuroTrakker,
400 T 38 Stralis AT,
410 E 38 EuroTrakker,
410 T 38 Stralis AD,
720 E 38 EuroTrakker,
720 T 38 Stralis AD / AT

5275 000

K=151.90
L=255.00
H+F=10.00+1.20
D=161.00

FF


							
	Ø mm	mm	mm	mm	Ø mm	mm	
Diesel Engine F3 BE 3681 A Euro 4 16,5:1 Charge intercooling Common Rail 12882 cm³ 412 kW (560 PS) Vehicle Fiat / Iveco 260 S 56 Stralis AS 03/2006... Diesel Engine F3 BE 3681 B Euro 4 16,5:1 Charge intercooling Common Rail 12882 cm³ 368 kW (500 PS) Vehicle F at / Iveco Stralis AS 190 S 50 / 260 S 50 / 320 S 50 / 440 S 50 / 03/2006... Fiat / Iveco Stralis AD 260 T 50 / 380 T 50 / 400 T 50 / 410 T 50 / 440 T 50 / 720 T 50 Fiat / Yveco Trakker AD 260 T 50 / 380 T 50 / 410 T 50 Fiat / Iveco Stralis AT 260 T 50 / 380 T 50 / 400 T 50 / 410 T 50 / 440 T 50 / 720 T 50 F at / Iveco Trakker AT 260 T 50 / 380 T 50 / 410 T 50 Fiat / Iveco Trakker N 340 T 50 / 380 T 50 / 720 T 50 07/2007... Diesel Engine F3 BE 3681 C Euro 4 16,5:1 Charge intercooling Common Rail 12882 cm³ 332 kW (450 PS) Vehicle Fiat / Iveco Stralis AD 190 T 38 / 190 T 45 / 260 T 45 / 340 T 45 / 380 T 45 / 400 T 45 / 410 T 45 / 440 T 45 / 720 T 45 Fiat / Iveco Trakker AD 190 T 44 / 190 T 45 Fiat / Iveco Stralis AT 0 T 45 / 260 T 45 / 340 T 45 / 380 T 45 / 400 T 45 / 410 T 45 / 440 T 45 / 720 T 45 Fiat / Iveco Trakker AT 190 T 44 / 190 T 45 Diesel Engine F3 BE 3681 D Euro 4 16,5:1 Charge intercooling Common Rail 12882 cm³ 302 kW (410 PS) Vehicle F at / Iveco Stralis AD 190 T 41 / 260 T 41 / 340 T 41 / 380 T 41 / 400 T 41 / 410 T 41 / 440 T 41 / 720 T 41 Fiat / Iveco Stralis AT 190 T 41 / 260 T 41 / 340 T 41 / 380 T 41 / 400 T 41 / 440 T 41	6 135.00 90.400 - -23.10 142.400 MØ=94.00 54.00 107.00 6 6 6			9847 000 3.000T CkP 3.000TN IWU Cr 5.000DY Cr	2868 000 135.00 AP YS	9847 000	



Diesel Engine

8210.02.00/221 A

8210.12.0

8215.02

16797 cm³

162 - 191 kW (220 - 260 PS)

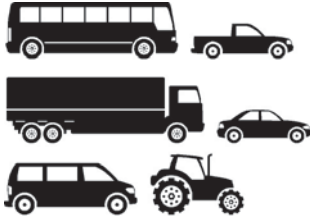
Vehicle

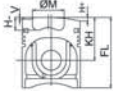
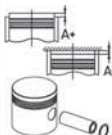
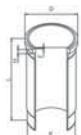
Iveco

1969...1981

Motor Nr.003891...

6	137.00	92.00 - -32.40 167.00 MØ=67.00	48.00 117.00	9418 000 4.000T Cr 3.000D IF Cr 3.000D IF Cr 5.500DY Cr	1418 000 137.00 AP	3418 000	5418 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF PHS 	7418 K,S
							5418 050 K=143.50 L=282.00 H+F=6.05 D=147.00 FF PHS	
							5458 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF	7420 K,S
							5419 000 K=143.05 L=282.00 H+F=6.05 D=147.25 SF	S
							5419 050 K=143.50 L=282.00 H+F=6.05 D=147.25 SF	
							5447 000 K=143.00 L=282.00 H+F=6.05 D=149.00 FF	7419 K,S



							
Ø mm	mm		mm	Ø mm		mm	

Diesel Engine

8215 Turbocharge

13798 cm³

173 kW (235 PS)

Vehicle

Raupe FL 20

6	137.00	92.00 - -33.00 162.00 MØ=72.00	50.00 117.00	9932 000 4.000T IW CrP 3.000D IW CrP 3.000N P 5.500DY CrP	2932 000 137.00 AP YS Pist. Ç k nt s -0.275 / +0.225	4932 000	5418 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF PHS 	8932 K,S
							5458 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF	8934 K,S
							5419 000 K=143.05 L=282.00 H+F=6.05 D=147.25 SF	S
							5447 000 K=143.00 L=282.00 H+F=6.05 D=149.00 FF	8933 K,S

Diesel Engine

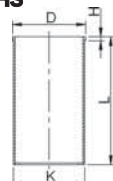
8210,22,510/559/569/859/869

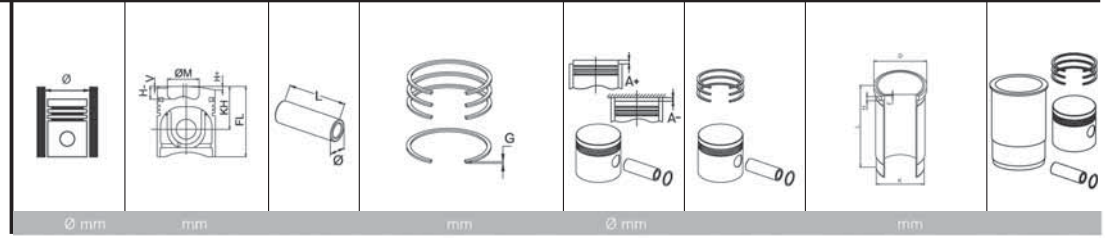
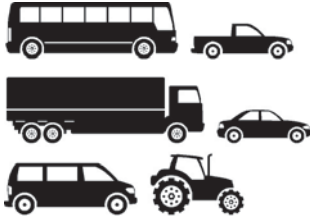
13798 cm³

221 kW (300 PS)

Vehicle

190,30 H/H/NT, 330,30 H/N/NW
370,S30

6	137.00	92.00 - -32.50 162.00 MØ=57.00	50.00 117.00	9418 000 4.000T Cr 3.000D IF Cr 3.000D IF Cr 5.500DY Cr	2853 000 137.00 AP YS HA	4853 000	5418 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF PHS 	8853 K,S
							5458 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF	8866 K,S
							5419 000 K=143.05 L=282.00 H+F=6.05 D=147.25 SF	S
							5447 000 K=143.00 L=282.00 H+F=6.05 D=149.00 FF	8865 K,S



Diesel Engine

8210,42, 8210,42 K
8210,42 L Euro I

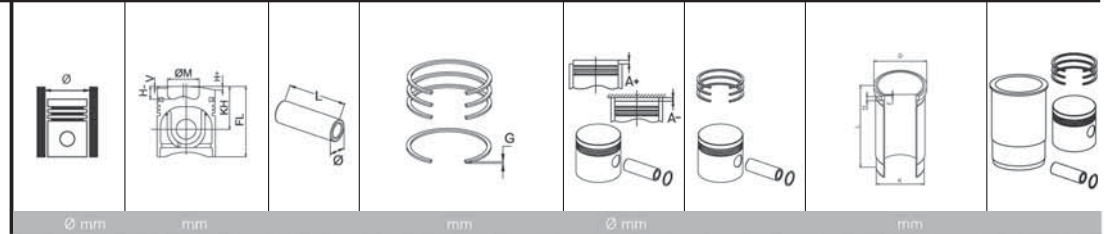
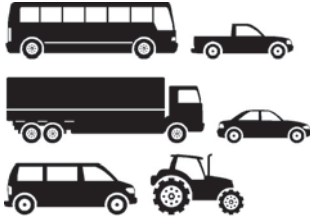
13798 cm³

272 - 309 kW (370 - 420 PS)

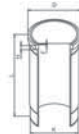
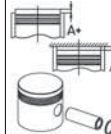
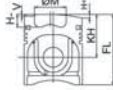
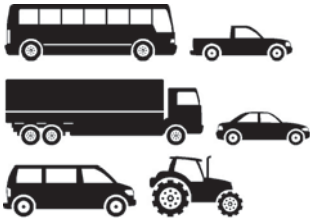
Vehicle

190,36, 220,36, 240,36, 260,36
330,36, 190/260/380 E 37
190/240/330 E 42

6	137.00	92.00 - -21.00 157.00 MØ=83.00	50.00 115.00	9854 000 4.000T CrP 3.000K CrP 5.500DY CrP	2854 000 137.00 AP YS HA Pist. Ç k nt s -0.27 / +0.22	4854 000	5418 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF PHS	8854 K,S
							5458 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF	8856 K,S
							5419 000 K=143.05 L=282.00 H+F=6.05 D=147.25 SF	S
							5447 000 K=143.00 L=282.00 H+F=6.05 D=149.00 FF	8857 K,S
		92.00 - -21.00 157.00 MØ=83.00	50.00 115.00	9854 000 4.000T CrP 3.000K CrP 5.500DY CrP	2859 000 137.00 AP YS	4859 000	5418 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF PHS	8859 K,S
							5458 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF	8860 K,S
							5447 000 K=143.00 L=282.00 H+F=6.05 D=149.00	8861 K,S



Diesel Engine 8210,42,101 13798 cm ³ 265 kW (360 PS) Vehicle 240,36, 330,36, 190,36, 340,36 Stationary engine 1988...	6	137.00	92.00 - -33.00 157.00 MØ=72.00 	50.00 117.00	9854 000 4.000T CrP 3.000K CrP 5.500DY CrP	2858 000 137.00 AP YS Pist. Ç k nt s -0.27 / +0.22 Conta ile +0.97 / +1.47	4858 000	5418 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF PHS 	8858 K,S
								5458 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF	8864 K,S
								5419 000 K=143.05 L=282.00 H+F=6.05 D=147.25 SF	S
								5447 000 K=143.00 L=282.00 H+F=6.05 D=149.00 FF	8863 K,S
Diesel Engine 8210,42 Vehicle 190E37 EUROTRAKKER		137.00	92.00 - -25.50 157.00 MØ=72.00 	50.00 115.00	9854 000 4.000T CrP 3.000K CrP 5.500DY CrP	2860 000 137.00 AP YS	4860 000	5418 000 K=143.00 L=282.00 H+F=6.05 D=147.00 FF PHS 	8863 K,S



Ø mm

Ø mm

Diesel Engine

828.42.001

350 kW (476 PS)

Vehicle

190.48, TurboStar 2

17170 cm³

1990...

145.00

5448 000

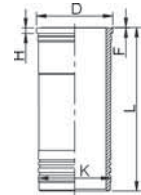
K=158.50

L=262.00

$$H+F=10.00+0.90$$

D=174.00

FF



3 VI 152x3.5

5475 000

K=158.50

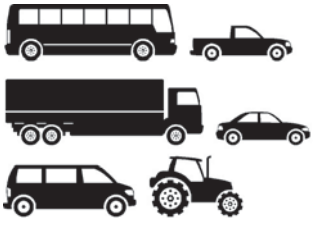
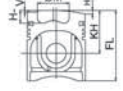
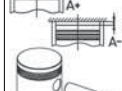
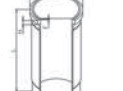
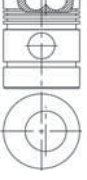
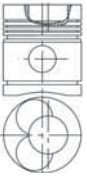
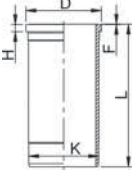
L=262.00

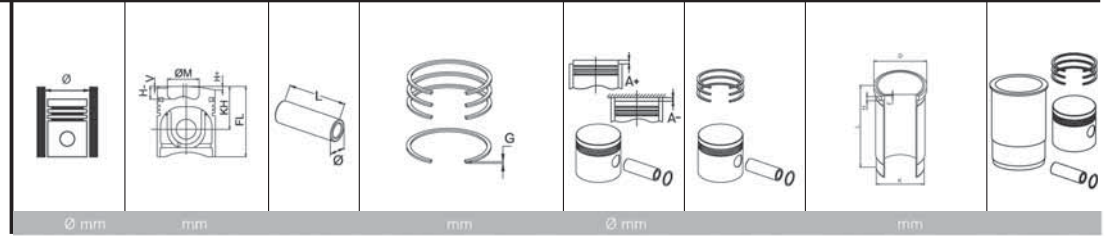
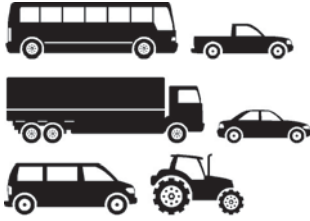
$$H+F=10.00+0.90$$

D=174.00

FF

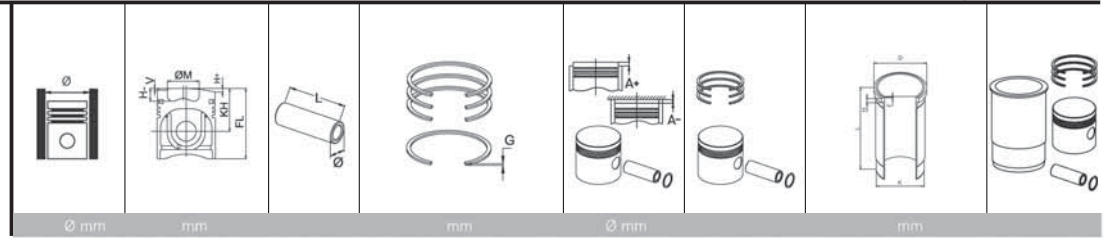
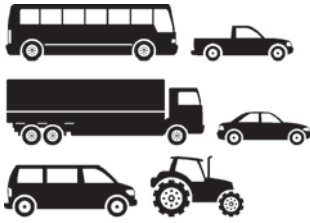
2 VI 151x3.5

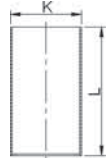
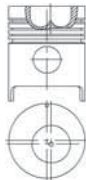
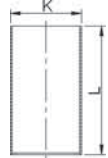
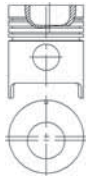
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine A 3.152 2500 cm ³ 29,5 kW (40 PS) Vehicle Tractor Fordson Dextra 1961...1965		4	91.48	61.91 - -18.40 109.54 MØ=55.85 	31.75 75.30 2.385D IW CrP 2.385K IF P 3.160TN P 6.335DY CrP 6.335DC P	1832 000 91.48 Pist. Ç k nt s -0.10 / +0.03	3832 000	5834 000 K=93.75 L=216.00 H+F=3.81 D=96.75 SF 	S
Diesel Engine 592 E, 4d 3610 cm ³ 51 kW (69 PS) Vehicle Thanmes Trader, Tractor Major, Power Major, 15/4 D, 20/4 D, 30/4 D Motot Nr1 591 023 ... Diesel Engine 590 E, 6 D 5416 cm ³ 79.5 kW (108 PS) Vehicle Thames Trader, Tractor Major, Power Major, 40/6 D, 55/6 D, 75/6 D 1957...1967 Motor Nr. 1 591 023...		4	100.00	71.04 -1.74 -24.74 118.14 MØ=50.00 	34.925 85.70 2.385D IF CrP 2.385K IF P 2.385TN P 4.747DY CrP 4.747DC P	2000 000 100.00 Pist. Ç k nt s -0.700 / +0.127	4000 000	6000 000 K=108.67 L=223.00 H+F=11.17+0.65 D=117.40 FF 	8000 K,S
		6						6001 000 K=111.80 L=223.00 H+F=11.17+0.65 D=119.60 FF	8001 K,S
								6004 000 K=111.80 L=222.25 H+F=11.15 D=119.60 FF	8004 K,S

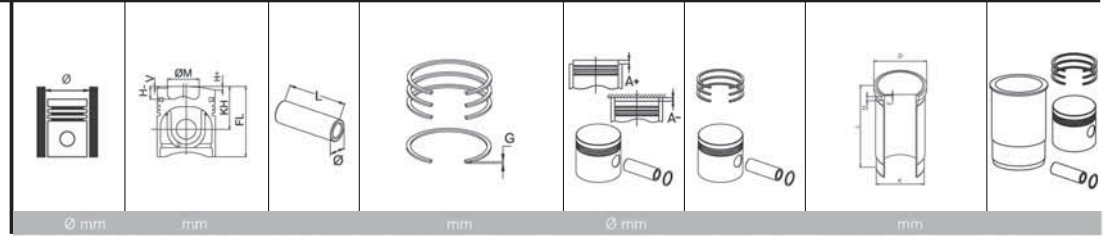
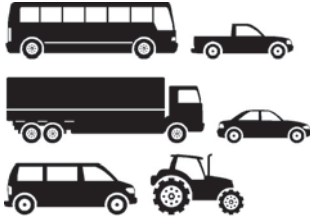


Diesel Engine	6	104.77	71.25 -2.60 -23.00 119.90 MØ=57.50	34.925 90.00	9428 000 2.385D IF CrP 2.385D IW CrP 2.385D IW P 4.747DY CrP	1428 000 104.775 AP Pist. Ç k nt s -0.150 / +0.40	3428 000	5427 000 K=108.87 L=218.80 SF	S
6 D 81 kW (110 PS) Vehicle D 1210									
								5428 000 K=108.95 L=218.50 H+F=7.00 D=109.95 SF	S
					9428 015	1428 015 105.155	3428 015		
					9428 035	1428 035 105.665	3428 035		
Diesel Engine 2701E, 2706E DORSET 2400 cm³ 61 kW (83 PS) Vehicle Baureihe 2700 D, 2701 E/ET, 2704, 2706 E, 2709 E, D 1210, D 300, D 750 1965...1969	4/6	104.77	71.00 -1.80 -25.80 118.00 MØ=51.50	34.925 90.00	9428 000 2.385D IF CrP 2.385D IW CrP 2.385D IW P 4.747DY CrP	1430 000 104.775 Pist. Ç k nt s -0.15 / +0.40	3430 000	5427 000 K=108.87 L=218.80 SF	S
Diesel Engine 2701E, 2706E DORSET 3600 cm³ 95.5 kW (130 PS) Vehicle 2700 D, 2701 E-ET, 2704, 2706 E, 2709 E, D 1210, D 300, D 750	6							5428 000 K=108.95 L=218.50 H+F=7.00 D=109.95 SF	S
					9428 020	1430 020 105.275	3430 020		
					9428 030	1430 030 105.525	3430 030		
					9428 040	1430 040 105.775	3430 040		

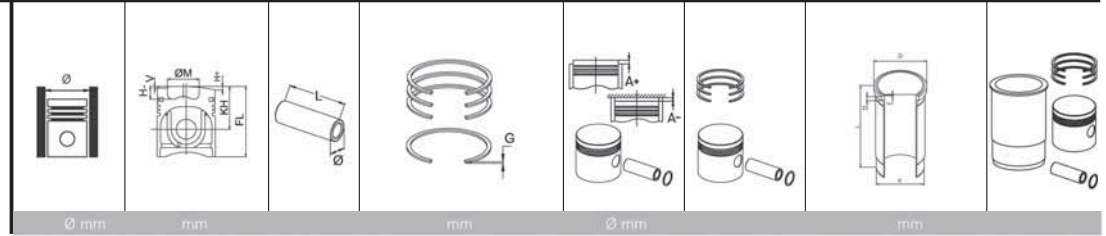
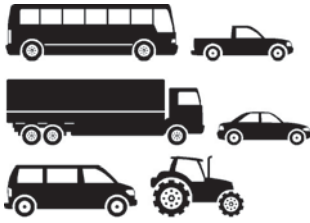
		Ø mm	mm		mm		Ø mm		mm	
Diesel Engine DOVER 6.0 TCI Turbo Intercooled 185 PS Vehicle Cargo Kamyon 2520	5946 cm ³ 1992...	6	104.77	71.25 -2.30 -21.50 119.90 MØ=55.00 	41.00 87.12	9236 000 3.000T CrP 2.500K P 4.000DY P	2236 000 104.77 AP HA	4236 000	5429 000 K=109.07 L=218.50 H+F=4.75+0.70 D=112.75 SF 	S
									5429 100 K=110.07 L=218.50 H+F=6.00+0.70 D=113.75 SF	
Diesel Engine 360 TC TORNADO 110 kW (150 PS) Vehicle 2017, 2517, 2115, 2217, Cargo D 0915, D 1114, D 1155, D 1314, D 1315, D 1315 K, D 1515, D 1515 K	5944 cm ³ 	6	104.77	71.25 -2.30 -22.00 119.90 MØ=60.25 	41.00 87.12	9237 000 3.100T MoP 2.380K IF P 2.380TN P 4.740SY P	2237 000 104.77 AP Pist. Ç k nt s +0.152 / +0.380	4237 000	5429 000 K=109.07 L=218.50 H+F=4.75+0.70 D=112.75 SF 	S
Diesel Engine DOVER 6.0 TCi EURO1 Turbo Intercooled 5946 cm ³ Vehicle Cargo 2621, 500 K, Cargo 2116, Cargo 2520L	2002...	6	104.77	71.23 - -20.30 112.88 MØ=55.90 	41.00 87.12	9239 000 3.000T PsP 2.500K P 4.000DY St	2239 000 104.77 AP	4239 000	5499 000 K=109.08 L=218.50 H+F=5.00 D=113.00 SF 	S



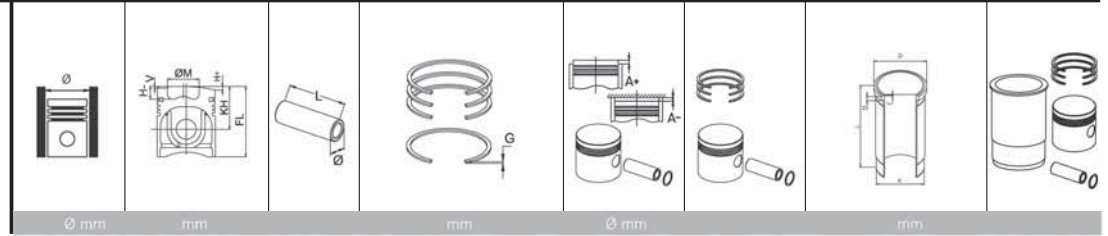
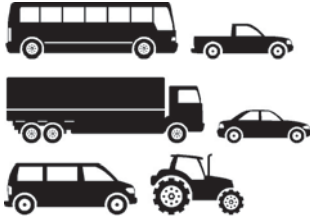
Diesel Engine 6 Y, 7 A, 2504 E 2508 E 2868 cm ³ 32 - 34.5 kW (44 - 47 PS) Vehicle Tractor Super Dexta 333/353/ 3000/3600 1965...1981 Diesel Engine 6Y, 7 A 3818 cm ³ 49.5 - 55 kW (67 - 75 PS) Vehicle Super Major 5000/5550/5600 1965...1969	3	106.68	70.15 - -17.90 129.00 MØ=59.20	38.10 89.15	9433 000 2.385D CrP 2.385D IW CrP 2.385D IW P 4.747DY CrP	1431 000 106.68 AP Pist. Ç k nt s -0.05 / -0.15	3431 000	5432 000 K=110.79 L=209.50 SF 	S
	4				9433 020 9433 030 9433 040	1431 020 107.18 1431 030 107.43 1431 040 107.68	3431 020 3431 030 3431 040	5431 000 K=110.82 L=209.00 H+F=6.00 D=112.00 SF 	S
	3	106.68	70.15 - -17.02 129.00 MØ=63.80	38.10 89.15	9433 000 2.385D CrP 2.385D IW CrP 2.385D IW P 4.747DY CrP	1433 000 106.68 AP Pist. Ç k nt s -0.05 / -0.15	3433 000	5432 000 K=110.79 L=209.50 SF 	S
	4				9433 020 9433 030 9433 040	1433 020 107.18 1433 030 107.43 1433 040 107.68	3433 020 3433 030 3433 040	5431 000 K=110.82 L=209.00 H+F=6.00 D=112.00 SF 	S
					9433 020 9433 030 9433 040	1433 020 107.18 1433 030 107.43 1433 040 107.68	3433 020 3433 030 3433 040	5431 050 K=111.50 L=209.00 H+F=7.00 D=112.50 SF	



Diesel Engine 2712 E 4161 cm ³ 55 kW (75 PS) Vehicle Dorset N 1969...1981 Diesel Engine 2715 E 6224 cm ³ 84 kW (114 PS) Vehicle Cargo D 0607/0812/0813/0911/ 0913/1011/1013/1111/1211/ 7095/6500S/642 Combine 1971...1981 D Series 300/400/500/550/600/ 700/750/800/DT800 Gabelstapler O/K 1969...1971	4	107.21	71.25 -1.70 -26.75 119.90 MØ=51.50 	36.512 90.00	9435 000 2.385D CrP 2.385K IW P 2.385TN P 4.747DY CrP	1435 000 107.210 Pist. Ç k nt s -0.15 / +0.40	3435 000	5434 000 K=111.41 L=213.50 SF 	S
	6				9435 020 9435 030 9435 040	1435 020 107.710 1435 030 107.960 1435 040 108.210	3435 020 3435 030 3435 040	5435 000 K=112.00 L=213.50 H+F=7.00 D=113.00 SF 	S
			71.25 -1.70 -26.75 119.90 MØ=51.50 	36.512 90.00	9435 000 2.385D CrP 2.385K IW P 2.385TN P 4.747DY CrP	1437 000 107.21 AP	3437 000		
					9435 020 9435 030 9435 040	1437 020 107.71 1437 030 107.96 1437 040 108.21	3437 020 3437 030 3437 040		



Diesel Engine Genesis 5000 cm ³ Vehicle New Holland 6640, 6640 O, 8240, 8340 Diesel Engine Genesis 7500 cm ³ Vehicle Newholland 8240/8340, 8010 (NE), (Less turbo/ Sin turbo)	4	111.76	73.25 - -21.67 126.60 MØ=62.00	38.10 89.15	9458 000 2.385D Cr 2.385D IW Cr 4.747DY Cr	1458 000 111.76 AP	3458 000		
Diesel Engine 3294 cm ³ Diesel Engine 4195 cm ³ 55 - 57.5 kW (75 - 78 PS) Vehicle 500 Super Tractor (Major)	3	111.76	70.15 - -22.96 129.00 MØ=56.00	38.10 89.15	9440 000 2.385D Cr 2.385D IW Cr 2.385D IW Cr 4.747DY Cr	1439 000 111.76 AP Pist. Ç k nt s +0.28 / +0.58	3439 000	5436 000 K=114.43 L=208.50 H+F=2.56 D=120.35 SF	S
	4				9440 020 	1439 020 112.26	3439 020	5437 000 K=116.05 L=208.50 H+F=7.00 D=117.05 SF	S
					9440 030 	1439 030 112.51	3439 030		
					9440 040 	1439 040 112.76	3439 040		
Diesel Engine 6 Y, 7 A ,4.256 4195 cm ³ 55 - 57 - 58 kW (75 - 78 - 79 PS) Vehicle Combine 620/622, Tractor 650/3230/3430/ 3610/ 3910/4100/5000/5500/5550/ 5610/6000/6500/6600/6700 1968...	4	111.76	70.66 - -18.62 129.50 MØ=63.50	38.10 89.15	9440 000 2.385D Cr 2.385D IW Cr 2.385D IW Cr 4.747DY Cr	1438 000 111.76 AP Pist. Ç k nt s +0.18 / +0.61	3438 000	5436 000 K=114.43 L=208.50 H+F=2.56 D=120.35 SF	S
					9440 020 	1438 020 112.26	3438 020	5437 000 K=116.05 L=208.50 H+F=7.00 D=117.05 SF	S
					9440 030 	1438 030 112.51	3438 030		
					9440 040 	1438 040 112.76	3438 040		



Diesel Engine

BSD 333 H ,PD, 6 Y, 7 A

3294 cm³

38 - 44 kW (52 - 60 PS)

Vehicle

Tractor

515/531/532/535/540/545/550/

555/4000/4110/4600/4610

1968...

Diesel Engine

BSD 444

4392 cm³

Vehicle

Tractor 6610/6710

09/1981...

3 111.76

68.10

38.10

9440 000

2.385D Cr

2.385D IW Cr

2.385D IW

4.747DY Cr

1440 000

111.76

AP

Pist. Ç k nt s

+0.28 /

+0.58

3440 000

5436 000

K=114.43

L=208.50

H+F=2.56

D=120.35

SF



S

4

-19.80

127.00

MØ=63.60



5437 000

K=116.05

L=208.50

H+F=7.00

D=117.05

SF

S

9440 020

1440 020

112.26

3440 020

9440 030

1440 030

112.51

3440 030

9440 040

1440 040

112.76

3440 040

68.10

38.10

9440 000

2.385D Cr

2.385D IW Cr

2.385D IW

4.747DY Cr

1449 000

111.76

3449 000

-19.80

127.00

MØ=63.60



9440 020

1449 020

112.26

3449 020

9440 030

1449 030

112.51

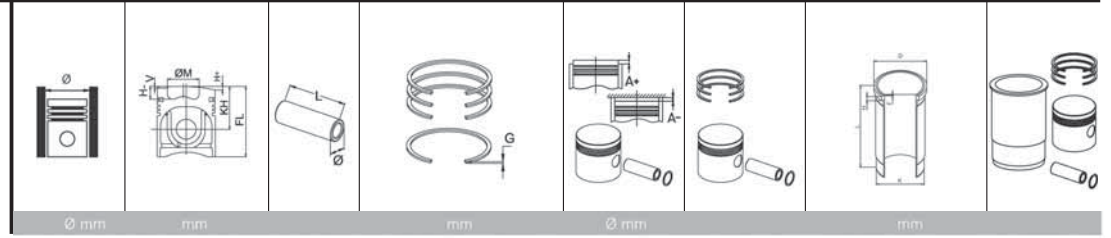
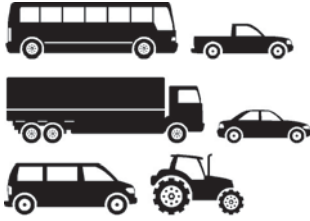
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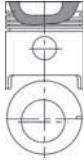
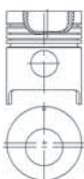
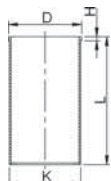
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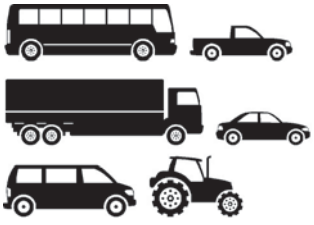
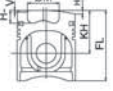
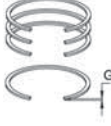
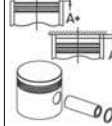
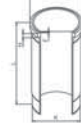
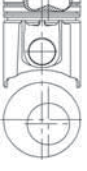
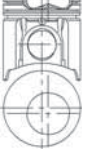
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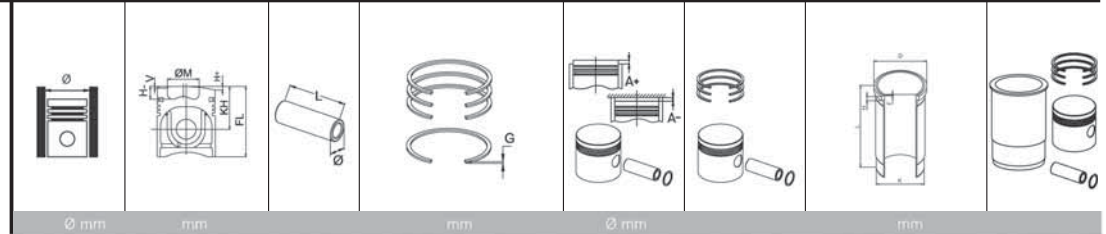
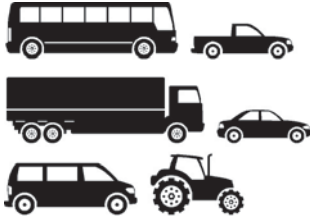
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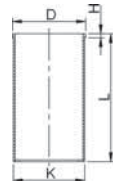
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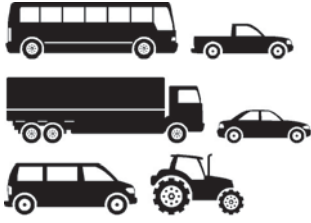


Diesel Engine 7 A 102 - 137 kW (138 - 186 PS) Vehicle Tractor 9200/9260/9600/9700 TW 20/25/30/35 1976...	6	111.76	67.80 - -19.00 127.00 MØ=63.70 	41.275 89.30	9445 000 3.160T Cr 2.385K IF Cr 2.385TN P 4.747DY Cr	1445 000 111.76 AP	3445 000	5436 000 K=114.43 L=208.50 H+F=2.56 D=120.35 SF 	S
					9445 020	1445 020 112.26	3445 020		
					9445 030	1445 030 112.51	3445 030		
					9445 040	1445 040 112.76	3445 040		
Diesel Engine 6 Y , 7A 69 kW (94 PS) Vehicle A 62 Loader, Tractor 750/7000/ 7500/7600/7700 1971...	4	111.76	70.38 - -22.17 129.50 MØ=56.00 	41.275 89.30	9445 000 3.160T Cr 2.385K IF Cr 2.385TN P 4.747DY Cr	1436 000 111.76 AP	3436 000	5436 000 K=114.43 L=208.50 H+F=2.56 D=120.35 SF 	S
					9445 020	1436 020 112.26	3436 020		
					9445 030	1436 030 112.51	3436 030		
					9445 040	1436 040 112.76	3436 040		
					9445 000 3.160T Cr 2.385K IF Cr 2.385TN P 4.747DY Cr	1436 000 111.76 AP	3436 000	5437 000 K=116.05 L=208.50 H+F=7.00 D=117.05 SF	S
					9445 020	1436 020 112.26	3436 020		
					9445 030	1436 030 112.51	3436 030		
					9445 040	1436 040 112.76	3436 040		

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine Genesis 4063 cm ³ Vehicle 5610S (NE), 5640 Diesel Engine Genesis 6063 cm ³ Vehicle 7810S, 7840	4	111.76	80.85 - -18.50 134.20 MØ=61.90 	38.10 89.15	9442 000 2.385D IW Cr 2.385D IW Cr 4.747DB Cr	1442 000 111.76 AP	3442 000	5436 000 K=114.43 L=208.50 H+F=2.56 D=120.35 SF 	S
Diesel Engine Genesis Turbo 5000 cm ³ 5000 Vehicle Newholland 7740 11/1991...	4	111.76	72.90 - -19.75 126.25 MØ=61.90 	41.27 94.40	9441 000 3.160T Cr 2.385D IF Cr 4.747SY Cr	1441 000 111.76 AP	3441 000	5436 000 K=114.43 L=208.50 H+F=2.56 D=120.35 SF 	S
	6				9442 020	1442 020 112.26	3442 020	5437 000 K=116.05 L=208.50 H+F=7.00 D=117.05 SF	S

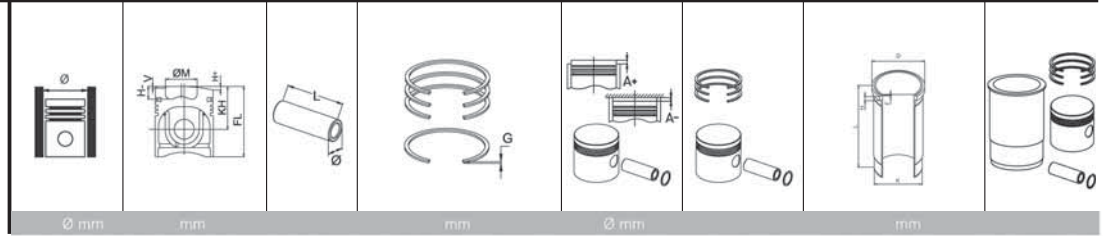
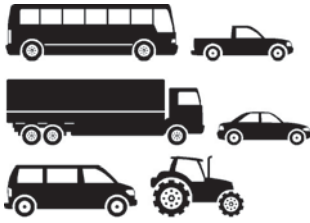


Diesel Engine BSD 444 4385 cm ³ Vehicle Tractor 6410 08/1987...10/1991 Tractor 6610 10/1985... Tractor 6710 08/1987...10/1991	4	111.775	68.10 - -18.90 127.00 MØ=61.90 	38.10 89.15	9440 000 2.385D Cr 2.385D IW Cr 2.385D IW 4.747DY Cr	2945 000 111.775 AP	4945 000	5436 000 K=114.43 L=208.50 H+F=2.56 D=120.35 SF 	S
					9440 020	2945 020 112.275	4945 020	5437 000 K=116.05 L=208.50 H+F=7.00 D=117.05 SF	
					9440 030	2945 030 112.525	4945 030		
					9440 040	2945 040 112.775	4945 040		
Diesel Engine BSD 442 Vehicle 4830, 5030, 5110, 5610, 5900 1987...	4	111.775	70.66 - -17.90 129.50 MØ=61.90 	38.10 89.15	9440 000 2.385D Cr 2.385D IW Cr 2.385D IW 4.747DY Cr	2946 000 111.775 AP	4946 000	5436 000 K=114.43 L=208.50 H+F=2.56 D=120.35 SF 	S
					9440 020	2946 020 112.275	4946 020	5437 000 K=116.05 L=208.50 H+F=7.00 D=117.05 SF	
					9440 030	2946 030 112.525	4946 030		
					9440 040	2946 040 112.775	4946 040		



Ø mm	mm	mm	mm	Ø mm	mm	mm	mm	mm

Diesel Engine 401 6571 cm ³ Vehicle Tractor 8000	6	111.775	68.35 - -22.00 127.00 MØ=58.00 	38.10 89.15 2.385D Cr 2.385D IW Cr 2.385D IW Cr 4.747DY Cr	9440 000 2.385D Cr 2.385D IW Cr 2.385D IW Cr 4.747DY Cr	2947 000 111.775 AP	4947 000	5436 000 K=114.43 L=208.50 H+F=2.56 D=120.35 SF 	S
								5437 000 K=116.05 L=208.50 H+F=7.00 D=117.05 SF	
								9440 020 2947 020 112.275 4947 020	
								9440 030 2947 030 112.525 4947 030	
Diesel Engine ECOTORQ NHDD 240 PS - 300 PS 7300 cm ³ Vehicle Yeni Ford Cargo 1824/2524/2530/3230/4030 2003...	6	112.01	79.35 - -18.76 120.35 MØ=60.71 	46.00 92.30 3.000TT 2.500K 3.000DY	9238 000 3.000TT 2.500K 3.000DY	2238 000 112.01 AP YS Pist. Ç k nt s +0.21 / +0.31	4238 000	5462 000 K=115.04 L=235.00 H+F=5.00 D=125.80 FF 	8238 K,S



Diesel Engine

M113 A1/A2/A3
6V53

Vehicle

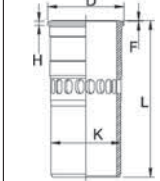
ZPT

6 98.43

5162 000

K=110.63
L=251.70
H+F=6.50+1.20
D=121.40

**FF
PHS**



5162 025

K=110.88
L=251.70
H+F=6.50+1.20
D=121.40

**FF
PHS**

5162 050

K=111.13
L=251.70
H+F=6.50+1.20
D=121.40

**FF
PHS**

HATZ

Diesel Engine

E80, E 80 G, E 80 FG, E 80 FC
500 cm³

4,4 kW (6 PS)

Vehicle

Pancar Engine

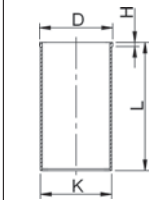
1953...

1 80.00

5290 000

K=85.05
L=195.00
H+F=5.00
D=86.05

SF



Diesel Engine

E 108
1007 cm³
13 - 14.5 kW (18 - 20 PS)

Diesel Engine

Z 108
2014 cm³
26.5 - 29.5 kW (36 - 40 PS)

Diesel Engine

D 108
3021 cm³
39.5 - 44 kW (54 - 60 PS)

Diesel Engine

V 108
4028 cm³
53 - 59 kW (72 - 80 PS)

Vehicle

1970...

1 108.00

71.00
-0.90
-20.00
108.50
MØ=55.70



35.00
85.00

9267 000

3.000T CrP
3.000D IF P
3.000N P
5.000DC P

1267 000

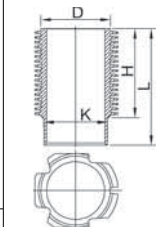
108.00
Pist. Ç k nt s
+1.10 /
+1.30

3267 000

5291 000

K=118.00
L=217.50
H+F=166.40
D=129.40

FF



7267
K,S

9267 020

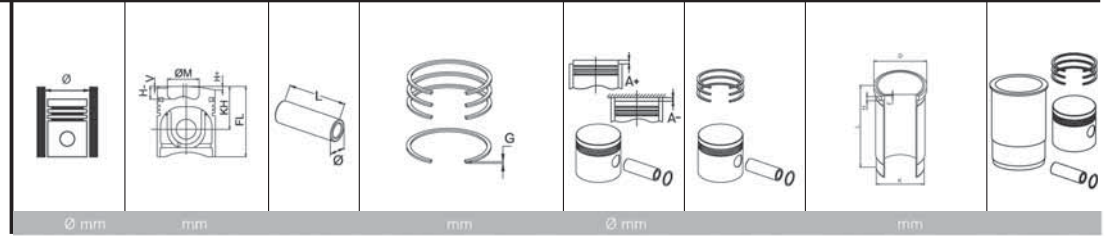
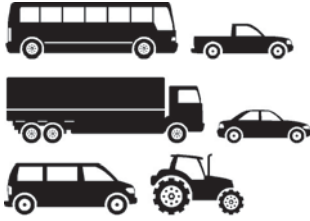
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108.50

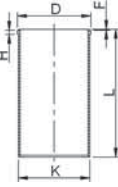
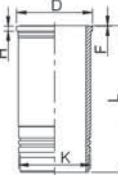
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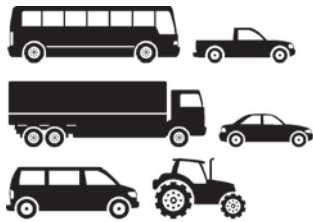
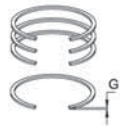
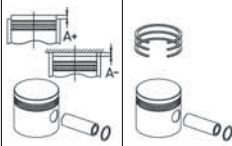
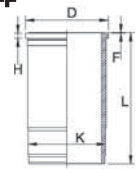
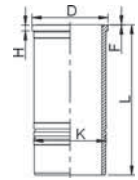
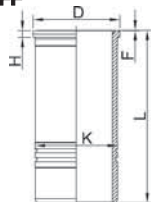
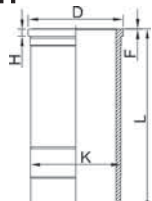
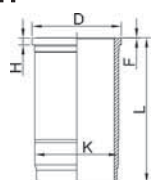
9267 040

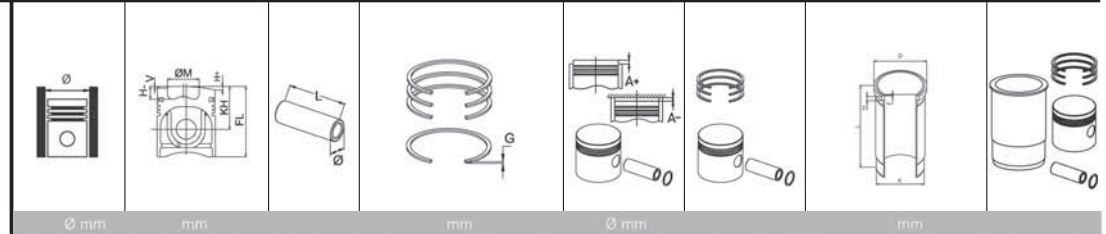
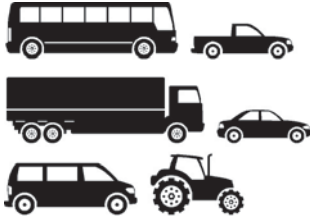
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109.00

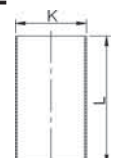
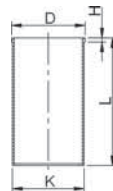
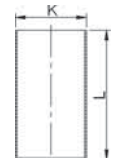
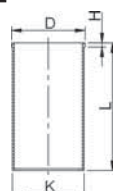
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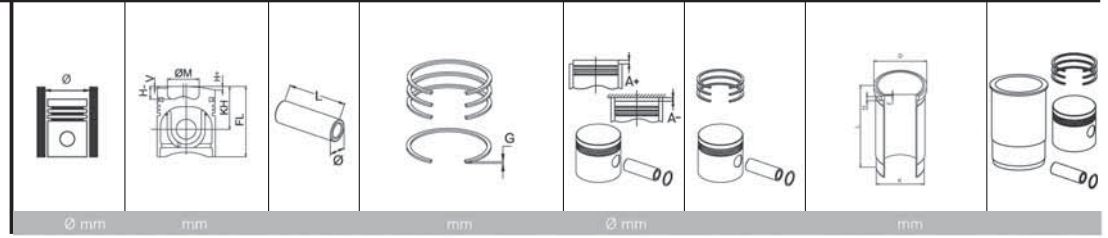
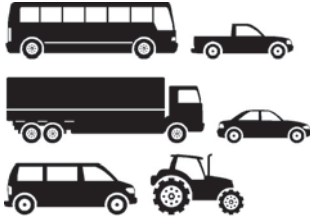


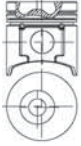
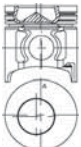
Diesel Engine H 06 C Vehicle Hitachi EX 220	6	108.00					5239 000 K=113.00 L=204.00 H+F=8.00+1.00 D=118.00 FF 	
Diesel Engine HO 7 C, EH 700 6728 cm ³ Vehicle FD176-172 Track, GD 172/174 FF 172/173/174/175 Track TrackBX 301/321/341/401/421 Bus FD 171/172/173/174/175/ 176/179 Ranger FE 172/173/175/177 Track Ranger 7 D Track GD 174 Ranger 7C Track KL 505/525/545/555/565/ 585 Ranger 5 D KR 305/325/365 Ranger 6 D Track LB 595 Ranger 7 LB Track RD 301 Rainbow Bus RJ172/270 Rainbow Bus 1977...	6	110.00					5298 000 K=113.00 L=204.00 H+F=8.08+0.80 D=117.90 FF PHS 	
Diesel Engine DS50, 80	6	110.00					5241 000 K=124.50 L=266.00 H+F=10.10+1.00 D=131.00 FF 	
Diesel Engine J 08 7961 cm ³ Vehicle 19.235, 19.260, 26.235, 26.260, 32.235, 32.260 1996...	6	114.00					5299 000 K=116.97 L=204.00 H+F=8.03+0.70 D=121.95 FF PHS 	
							5279 000 K=117.10 L=204.00 H+F=8.03+0.70 D=121.95	

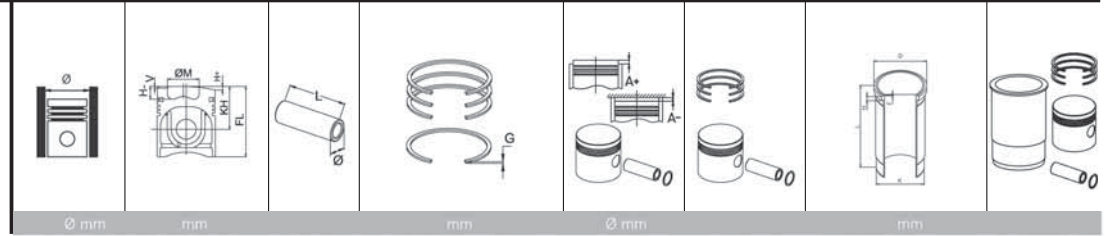
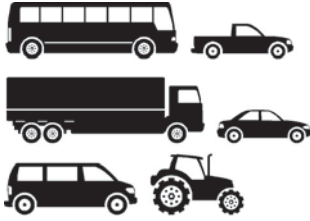
							
	Ø mm	mm	mm	Ø mm	mm	mm	
Diesel Engine EL 100 11467-1240 185/2900 7862 cm³	6	116.00				5293 000 K=129.00 L=222.50 H+F=9.00+0.80 D=138.00 FF 	
Diesel Engine EB 400 9838 cm³ Vehicle RE	6	120.00 86.50 -2.20 -7.00 155.50 	45.00 100.00	9248 000 3.306T 3.000K 3.000K 6.000PS Cr	2248 000 120.00 AP	4248 000 5297 000 K=136.00 L=287.00 H+F=11.10+0.70 D=143.00 FF 	8248 K,S
Diesel Engine DK 10	6	120.00				5244 000 K=138.00 L=291.50 H+F=11.10+1.50 D=145.00 FF 	
Diesel Engine ED 100, ER 200	6	128.00				5248 000 K=144.00 L=291.00 H+F=11.10+0.80 D=151.00 FF 	
Diesel Engine EK 100 13267 cm³ Vehicle FH 270, FN 274, FN 278, FN 288, FP 270, FP 274, FR 270, FR 274, FW 274, FY 271 KA, FY 275 KA	6	137.00				5255 000 K=153.00 L=266.80 H+F=12.12+0.80 D=164.00 FF 	



Diesel Engine D4AE U Type 3298 cm ³ Vehicle H350TD, HD77 TD	4	100.00	60.65 - -17.40 110.65 MØ=54.50 	34.00 84.00	9665 000 3.000T IF MoP 2.000K IW CrP 4.000DY CrP	1665 000 100.000 AP	3665 000	5662 000 K=104.02 L=191.00 SF 	S
								5665 000 K=104.05 L=191.00 H+F=6.00 D=105.05 SF 	S
								5665 050 K=104.50 L=191.00 H+F=6.00 D=105.50 SF	
Diesel Engine D4AE S Type 3298 cm ³ Vehicle H350TD, HD77 TD	4	100.00	60.65 - -17.40 110.65 MØ=54.50 	34.00 84.00	9665 000 3.000T IF MoP 2.000K IW CrP 4.000DY CrP	1666 000 100.00 AP	3666 000	5662 000 K=104.02 L=191.00 SF 	S
								5665 000 K=104.05 L=191.00 H+F=6.00 D=105.05 SF 	S
								5665 050 K=104.50 L=191.00 H+F=6.00 D=105.50 SF	



Diesel Engine D4AF 3568 cm ³ Vehicle HD35, HD72 1999...2001	4	104.00	60.73 - -19.00 110.73 	34.00 84.00	9668 000 3.000TT 2.000K IW 4.000DY StCrP CrP StNt	2482 000 104.00 AP	4482 000	5713 000 K=108.05 L=191.00 H+F=5.00 D=108.90 SF 	
			60.73 - -19.00 110.73		9668 050	2482 050 104.50	4482 050		
Diesel Engine D4DB 3907 cm ³ 96kW (130 PS) Vehicle HD 65, HD 72, HD 78 09.2006... County 130 09.2004...	4	104.00	62.20 - -19.80 112.20 MØ=52.00 	36.00 88.00	9438 000 3.000T 2.000K IW 4.000DY CrP P CrP	2382 000 104.00 AP YS	4382000		
					9438 050	2382 050 104.50	4382050		



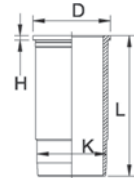
Diesel Engine

79.38

6110 000

K=87.32
L=179.40
H+F=5.80
D=97.50

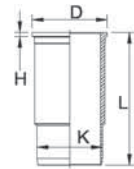
FF



6111 000

K=84.15
L=174.60
H+F=5.79
D=97.50

FF



Diesel Engine

DD 66, Normal Aspirated Engine
19:1, 2 Valves

1088 cm³

10.5 kW (14 PS)

Vehicle

Tractor Series D 212, D 214 S, D 215,
DLD-2

1956...

Diesel Engine

DD 99, Normal Aspirated Engine
19:1, 2 Valves

1631 cm³

15 - 17 kW (20 - 24 PS)

Vehicle

Tractor Series D 320 S,D 322, DED 3
1956...1963

Diesel Engine

DD 132,Normal Aspirated Engine
19:1, 2 Valves

2175 cm³

22 kW (33 PS)

Vehicle

Tractor D 430 S, D 432, D440, DGD 47
1953...1963

2

82.55

50.90

-

-5.50

99.00



28.00

67.00

9483 000

2.385D IF CrP
2.385K P
2.385K P
4.747DY P
4.747DC P

1483 000

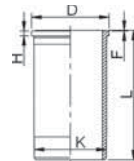
82.55

3483 000

5700 000

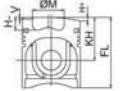
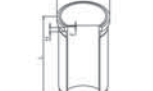
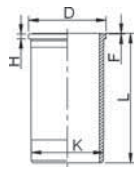
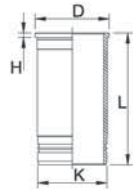
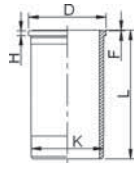
K=90.40
L=179.50
H+F=5.80
D=99.30

FF

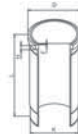
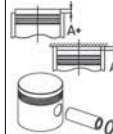
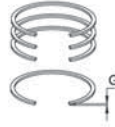
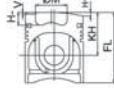
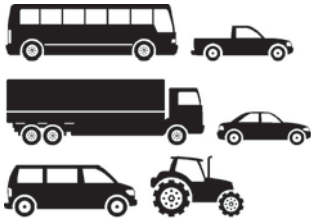


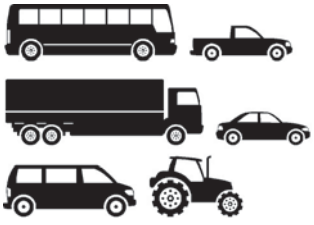
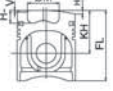
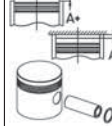
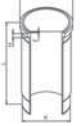
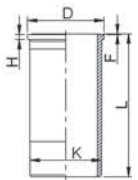
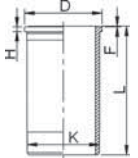
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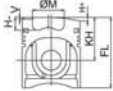
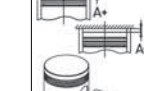
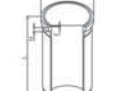
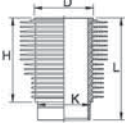
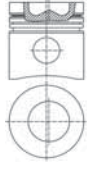
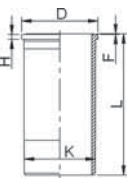
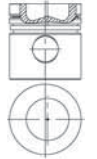
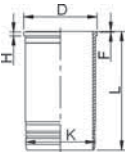
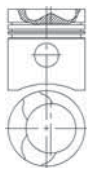
K,S

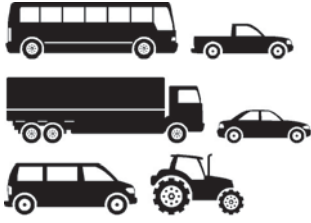
								
	Ø mm	mm		mm	Ø mm		mm	
Diesel Engine D 132, Normal Aspirated Engine 8 Valves, 19:1 1631 cm ³ 22 - 30 kW (33 - 40 PS) Vehicle Series 430, Series 432 1953...1963 Diesel Engine DD 66, Normal Aspirated Engine 4 Valves, 19:1 1087 cm ³ 10 kW (14 PS) Vehicle Series 212, Series 214, Series 215 1956... Diesel Engine DD 99, Normal Aspirated Engine 6 Valves, 19:1 1275 cm ³ 15 - 17 kW (20 - 24 PS) Vehicle Series 320, Series 322 1956...	4	82.550					5700 000 K=90.40 L=179.50 H+F=5.80 D=99.30 FF 	
Diesel Engine G 148 Gasoline Engine Vehicle Tractor : 200, 210B, 300, 300B, 310, 310B 310C, 311, 311B, 312, 320, 320B, 330, 400, 400B, 410, 410B, 411B, 420, 420B, 420CK, 425, 430, 431, 440, 441, 470, 480, 480B Crawler Tractor : 310, 310B, 310C, 310F, 310G, 320, 420B, 420C, 480, 480B Wheel Loaders : 480CK, W3 Combines : 77, 80 Windrowers : 950, 955		85.73					6112 000 K=94.40 L=182.80 H+F=6.25 D=101.40 FF 	
Diesel Engine DD 148, DU 148 D R 4 Diesel, 19:1 2434 cm ³ 27 - 28 kW (36.5 - 38 PS) Vehicle IHC 439, D 436 S, D 438 S, DTD 5 1959...1965	4	87.31	50.90 - -5.50 99.00	28.00 72.00 9484 000 2.385D IF CrP 2.385K IF P 2.385K IF P 4.747DB P 4.747DB P	1484 000 87.31	3484 000	5702 000 K=95.25 L=179.50 H+F=5.80 D=103.30 FF 	7487 K,S

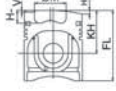
		Ø mm	mm	mm	Ø mm	Ø mm	mm	mm	
Diesel Engine DD 111, DU 11 R 3 Diesel, 19:1 1825 cm³ 17.5 - 25.5 kW (24 - 35 PS) Vehicle IHC D 323, D 324 S, D 326, D 8-62 1956...1975 Diesel Engine DD 74 R 2 Diesel, 19:1 1217 cm³ 12.5 - 14 kW (17 - 19 PS) Vehicle IHC D 217 F, D 217 S, D 219	3	87.31	50.90 - -5.50 99.00 MØ=35.00 	28.00 72.00	9485 000 2.385D IW CrP 2.385K P 2.385K P 4.747DY Nt 4.747SC P	1485 000 87.31	3485 000	5701 000 K=95.25 L=179.50 H+F=5.80 D=104.00 FF 	7485 K,S
	2								
Diesel Engine BD 154 2520 cm³ 26.5 kW (36 PS) Vehicle Tractor 238/364/384/41/424/ 434/444/2424/ 2444/7000 1963...	4	88.90	50.90 - - 99.00 	28.00 77.00	9480 000 2.385D IW CrP 2.385K IW P 2.385K IW P 4.747DY CrP 4.747DC P	1480 000 88.90 Pist. Ç k nt s -0.008 / +0.28	3480 000	5480 000 K=93.65 L=185.70 H+F=5.80 D=101.50 FF 1 R 92x5.25	7480 K,S
									5481 000 K=99.00 L=185.70 H+F=11.00 D=104.00 FF
Diesel Engine C-263, U-263 Vehicle WHELL TRACTORS : 560, 660 CRAWLER TRACTOR : T-6 62 SERIES COTTON PICKERS : 414 TO S/N 32460, 420 TO S/N 32460	4	90.48						6113 000 K=93.72 L=192.00 H+F=4.80 D=102.90 FF 	

[illegible]

									
Ø mm		mm	mm	mm	Ø mm	mm	mm	mm	mm
Diesel Engine D 179 , UD 179 2933 cm ³ 35.5 - 50 kW (48.5 - 68 PS) Vehicle 240, 454, 464, 484, 523, 553, 633, 2400, 4500 1965... Diesel Engine D 239 3910 cm ³ 45 - 67 kW (61.5 - 91 PS) Vehicle 684, 743, 744, 452, 3500, 182 013 TD 8 II,609, 125 B II 1967... Diesel Engine D 358 5860 cm ³ 66 - 104 kW (90 - 142 PS) Vehicle 1055, 520, 844, 630, 640, 515, 541, 943 Tractor 826, 866, 955, 956, 1046, 1056, 2826, 3228, 3414, Excavator 3965 B, 1420,3964 B, 3965 B ,3966 B, 3984 1965...	3	98.425	67.00 - -24.00 107.00 MØ=56.00	36.00 82.00	9213 000 3.160T CrP 2.385K IW CrP 4.747DY CrP	1213 000 98.425 AP Pist. Ç k nt s -0.40 / -0.55	3213 000	5482 000 K=110.75 L=216.10 H+F=7.72+1.00 D=119.00 FF 	7213 K,S
	4								
	6							5484 000 K=110.75 L=216.10 H+F=7.72+1.00 D=119.00 FF 1 VI 109.16x5 1 VI 109.16x4.75	7484 K,S
Diesel Engine D 155, UD 155 R 3 Diesel, 16:1, 6 Valves 2540 cm ³ 26.5 - 33 kW (36 - 45 PS) Vehicle IHC 503, 533, D 353, D 383, D 423, D 433, SU 533, SU 533 V, XE 433, XE 533, XV 433, XV 533 Diesel Engine D 206, UD 206, R 4 Diesel, 8 Valves,16:1 3380 cm ³ 43 kW (59 PS) Vehicle IHC D 258, D 554, D 584, D 644, D 645, D 884, E 733, V 733 Diesel Engine D 310, UD 310, R 6 Diesel, 16:1 5070 cm ³ 63 - 78.5 kW (85 - 107 PS) Vehicle IHC 165, 431, 711 SP, 715, 782, 95, D 686, D 786, D 946, D 955, Hydro 86 1965...	3	98.425	67.00 - -19.90 107.00 MØ=55.00	36.00 82.00	9213 000 3.160T CrP 2.385K IW CrP 4.747DY CrP	1227 000 98.425 AP	3227 000	5479 000 K=110.70 L=201.10 H+F=7.72+1.00 D=119.00 FF 	7217 K,S
	4								
	6							1 VI 109.16x5 1 VI 109.16x4.75	

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine D 179 2933 cm ³ 35.50 - 50 kW (48.50 - 68 PS) Vehicle 240, 2400, 4500, 454, 464, 484, 523, 553, 633 1965...	3	98.425	67.00 - -22.10 107.00 MØ=56.00	36.00 82.00	9213 000 3.160T CrP 2.385K IW CrP 4.747DY CrP	1219 000 98.425 AP	3219 000	5145 000 K=100.00 L=194.00 H+F=160.00 D=111.80 FF 	7219
	4								
	6								
Diesel Engine D 239 3910 cm ³ 45-67 kW (61.5- 91 PS) Vehicle 013, 125 B II, 182, 3500, 452, 609, 684, 743, 744, TD 8 II 1967...	4	100.00	67.00 - -24.00 107.00 MØ=59.5	36.00 82.00	9486 000 3.160T Cr 2.380K IW P 4.747DY Cr	1486 000 100.00 AP	3486 000	5483 000 K=110.75 L=216.10 H+F=7.72+1.00 D=119.00 FF 	7486 K,S
	6							1 VI 109.16x5 1 VI 109.16x4.75	
Diesel Engine W 5540 Vehicle Tractor 580C , 580D	2	101.60	60.875 -1.60 -15.00 108.00 MØ=66.00	31.75 81.00	9214 000 3.160T Cr 2.385K IW 4.747VF Cr	1214 000 101.60	3214 000	5353 000 K=108.60 L=187.25 H+F=6.23+0.97 D=115.00 FF 	7214 K,S
									



							
Ø mm	mm		mm	Ø mm		mm	

Diesel Engine

A-301 D AFTER S/N 7070351,
A-301 DF

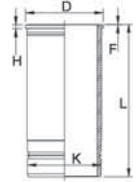
Vehicle

WHELL TRACTOR : 830, 840, 850
WHELL LOADERS : W7, W7C, W9A
COMBINES : 1000, 1010, 1060, 1160
CRAWLER TRACTORS : 750 TO S/N
7070351,
850 TO S/N 7073469

111.13

6120 000

K=123.86
L=260.50
H+F=6.40+0.78
D=130.25
FF


6121 000

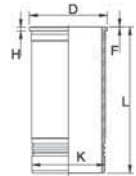
K=123.84
L=260.28
H+F=6.40+1.20
D=131.38
FF

Diesel Engine

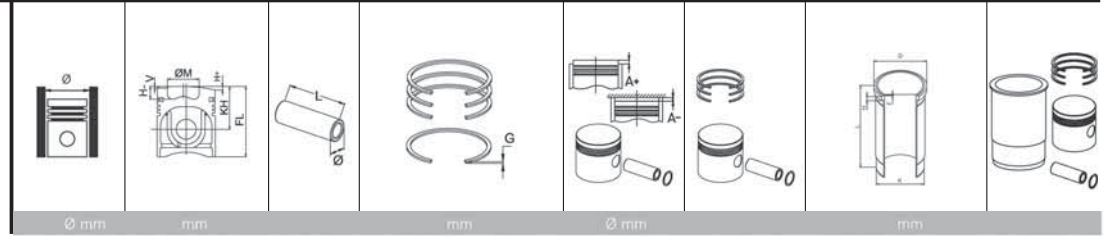
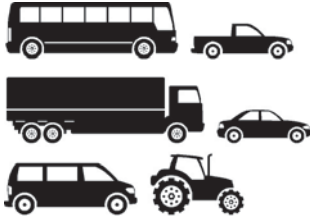
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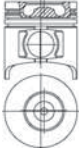
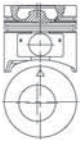
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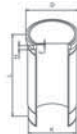
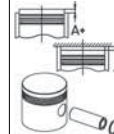
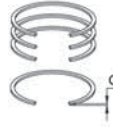
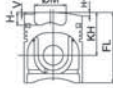
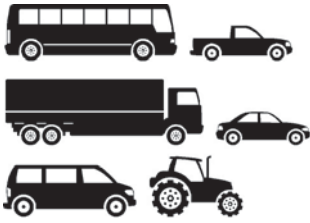
K=128.70
L=260.30
H+F=6.40+0.93
D=137.55
FF



		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 4BD1 4334 cm ³ 73 kW (99 PS) Vehicle NPR 595 MODEL KAMYON, NKR-W MODEL KAMYONET, MD 275-LUK-HK MIDIBUS 1997...	4	102.00	58.75 -0.30/-0.35 -19.60 98.10 MØ=50.90 	35.00 87.42	9975 000 3.000D Cr 2.500TN 5.000DY Cr	2396 000 102.00 AP Pist. Ç k nt s 0 / +0.70	4396 000	5722 000 K=105.00 L=204.00 H+F=1.40 D=112.40 FF CHR Steel 	8396 K,S
Diesel Engine 4HE1-T 4751 cm ³ 108 kW (146 PS) Vehicle NQR3D, TURKUAZ 1999...	4	110.00	66.20 - -22.20 119.95 MØ=56.50 	40.00 87.00	9971 000 3.000TT 2.500K IW 4.000DY	2394 000 110.00 AP YS Pist. Ç k nt s +0.58 / +0.66 +0.66 / +0.73 +0.73 / +0.81	4394 000	5487 000 K=115.00 L=210.00 H+F=5.07+0.40 D=121.60 FF PHS 	8394 K,S
Diesel Engine 4HE1-TC 4751 cm ³ 109 kW (148 PS)	4	110.00	66.20 - -22.60 87.00 MØ=55.50 	40.00 87.00	9973 000 3.000TT CrSt 2.000K NtSt 1.200K NtSt 3.000DY NtSt	2393 000 110.00 AP YS	4393 000	5245 000 K=115.00 L=210.00 H+F=5.70+0.40 D=120.60 FF PHS 	7013 K,S

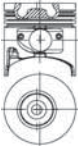


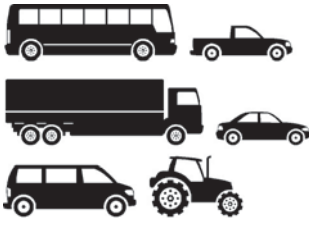
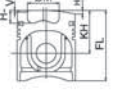
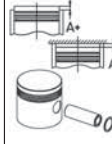
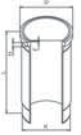
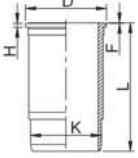
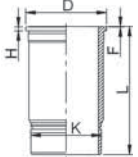
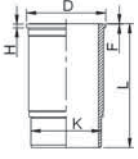
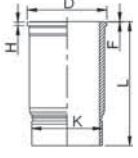
Diesel Engine 4HE1-T 4751 cm ³ 146 PS Vehicle NQR3D, TURKUVAZ 1999...	4	110	66.20 - -22.20 119.95 MØ=56.50 	40.00 87.00	9971 000 3.000TT 2.500K IW 4.000DY	2394 000 110.00 AP YS Pist. Ç k nt s +0.58 / +0.66 +0.66 / +0.73 +0.73 / +0.81	4394 000	5487 000 K=115.00 L=210.00 H+F=5.07+0.40 D=121.60 FF PHS 	K,S
Diesel Engine 4HF1 4334 cm ³ 73.60 - 88.30 (100 - 120 PS) Vehicle NKR 65 KOMYONET, NPR 66 KAMYON, MD 23 MIDIBUS, MD 25 MIDIBUS, MD 27 MIDIBUS 1987...	4	112.00	60.75 - -22.00 94.50 MØ=49.60 	36.00 79.00	9970 000 2.946TT 2.500TN 4.000DY CrP P CrP	2395 000 112.00 AP Pist. Ç k nt s +0.579 / +0.809	4395 000	5488 000 K=115.00 L=180.00 H+F=6.10 D=121.60 FF PHS 	8395 K,S
Diesel Engine 6HH1 18.5:1 Diesel Direct Injection 8226 cm ³ 143 kW (195 PS) Vehicle 6.CYL TRUCK 1993...	6	115.00	62.75 - -22.50 106.35 MØ=58.00 	36.00 79.00	9974 000 3.500D 2.500TN 4.000DY Mo MoP StNt	2424 000 115.00 AP	4424 000	5489 000 K=118.00 L=210.00 H+F=6.05 D=123.60 FF 	8424 K,S
								5488 025 K=115.25 L=180.00 H+F=6.35 D=121.85 FF PHS	S



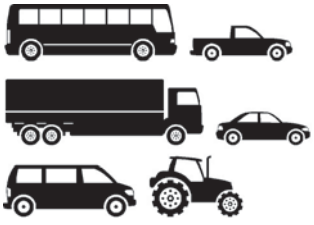
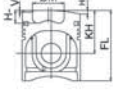
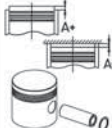
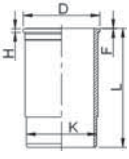
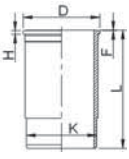
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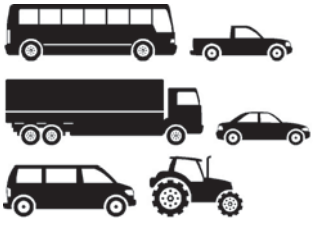
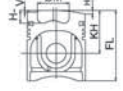
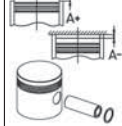
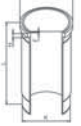
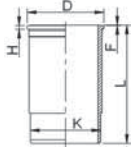
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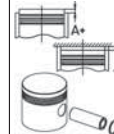
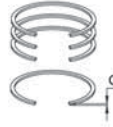
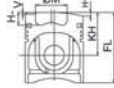
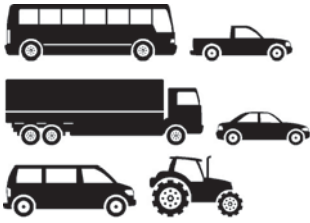
Diesel Engine 4 HK 1 TC Euro3 /Euro4		4	115.00							5486 000 K=118.00 L=180.00 H+F=6.10 D=123.60 FF PHS	
129 kW (175 PS)	5193 cm³										
Vehicle NQR 86, TURKUАЗ	2004...										
Diesel Engine 4 HG 1-T Euro 2		4	115.00	60.75 -	36.00 79.00	9977 000 3.000TT 2.500TN 4.000DY	CrSt CrP CrSt	2392 000 115.00 AP YS	4392 000	5489 000 K=118.00 L=210.00 H+F=6.05 D=123.60 FF	8392 K,S
89 kW (121 PS)	4570 cm³			-22.50 119.50 MØ=51.00							
Vehicle NPR 71	2005...										
Urban Roybus	2005...										
Urban Roybus C	2005...										
Diesel Engine 4HG1		4	115.00	60.70 -	36.00 79.00	9977 000 3.000TT 2.500TN 4.000DY	CrSt CrP CrSt	2417 000 115.00 AP	4417 000	5486 000 K=118.00 L=180.00 H+F=6.10 D=123.60 FF PHS	8417 K,S
....	4570 cm³			-22.00 104.40 MØ=50.80							
Vehicle NPR 250/NPR300/NPS250	1996...										

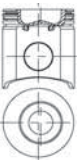
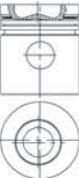
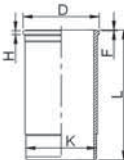
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 153.310 / 510 2490 cm ³ 23.5-29.5 kW (32-40 PS) Vehicle 820,920 Agricultural Tractor - 20 Series Diesel Engine 204,710 3320 cm ³ 37 kW (50 PS) Vehicle Tractor T100/1.010 Mahdrescher HJ-LO 220 Crawier JD 450 Skidder 440 Tractor T 700 Diesel Engine 6303 DL 01 4975 cm ³ 59.5 kW (81 PS) Vehicle 3120 1964...1967	3	98.00	57.277 - -16.51 99.22 MØ=59.00	30.17 80.00	9500 000 2.385D IF CrP 2.385K P 5.000DY CrP	1500 000 98.00	3500 000	5500 000 K=107.60 L=197.00 H+F=6.05+0.75 D=122.96 FF  2 R 98x102.7x3.75 1 SI 107.5x3.5	7500 K,S
	4								
	6							5504 000 K=107.60 L=197.00 H+F=6.05+0.75 D=122.96 FF  2 VI 101x1x105.4x4.4 1 SI 95x3.5	7069 K,S
Diesel Engine 3164 DL 01, JD 164 2696 cm ³ 41 kW (50 PS) Vehicle Schiepper 1520 Diesel Engine 4219 DL 01 3588 cm ³ 53 kW (72 PS) Vehicle Schiepper 2030,2120 Diesel Engine 6329 DL 01, JD 329 5395 cm ³ 66 kW (90 PS) Vehicle Tractor 1520,2120,2030,2520, 3120 1968...1973	3	102.00	57.30 - -16.50 103.19 MØ=58.50	30.17 84.80	9502 000 3.170T IF MoP 2.385K IFU P 5.000DY CrP	1501 000 102.00 Pist. Ç k nt s -0.07 / 0	3501 000	5501 000 K=110.97 L=197.00 H+F=6.05+0.75 D=125.00 FF  1 R 104x110.6x3.3 2 SI 110.5x3.5	7501 K,S
	4								
	6							5502 000 K=110.97 L=197.00 H+F=6.05+0.75 D=125.00 FF  1 SI 108x3.5 2 VI 101x105.4x4.4	7104 K,S

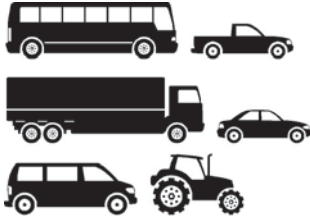
		Ø mm	mm	mm	Ø mm	mm	mm	mm	mm
Diesel Engine 3164 DL 03 2690 cm ³ 26 - 37.5 kW (35 - 51 PS) Vehicle Tractor 830,930,1020,1030, 1530,2020,2040 Diesel Engine 4219 DL 03 3590 cm ³ 50 kW (68 PS) Vehicle Tractor 2440,3030,3130 Diesel Engine 6329 DL 03 5380 cm ³ 63 - 65.5 - 68 kW (86 - 89 - 92 PS) Vehicle Tractor 3030,3130,3135 4030 Combine 6600	3	102.00	66.30 - -21.50 112.00 MØ=54.00	34.925 84.10	9502 000 3.170T IF MoP 2.385K IFU P 5.000DY CrP	1495 000 102.00 Pist. Ç k nt s -0.70 / 0	3495 000	5501 000 K=110.97 L=197.00 H+F=6.05+0.75 D=125.00 FF 1 R 104x110.6x3.3 2 SI 110.5x3.5	7455 K,S
	4								
	6								
			66.30 - -21.50 112.00 MØ=54.30	34.925 84.10	9502 000 3.170T IF MoP 2.385K IFU P 5.000DY CrP	1502 000 102.00 AP Pist. Ç k nt s -0.70 / 0	3502 000	5502 000 K=110.97 L=197.00 H+F=6.05+0.75 D=125.00 FF 1 SI 108x3.5 2 VI 101x105.4x4.4	7068 K,S
Diesel Engine 4045	4	106.50	71.70 - -23.80 100.60 MØ=57.40	34.92 71.60	9492 000 2.500T MoP 2.385K IFU P 3.500DY CrP	1492 000 106.50 AP	3492 000	5510 000 K=115.70 L=219.40 H+F=6.05+0.70 D=125.80 FF 	7492 K,S

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 3239 DLO 1 2938 cm ³ 41 kW (56 PS) Vehicle 3030,3040,3050,3130,3140, 3350,3640, Diesel Engine 4239 DLO1 3818 cm ³ 46 - 55 kW (62 - 75 PS) Vehicle 840,940,1040,1140,1360,1447, 1550,1630,1640,1745,1750,1840, 1845,1850,1950,2040,2130,2140, 2250,2450,2550,2650,2850,4050 Diesel Engine 6359 DLO 01/DL/TZ 01/02 5876 cm ³ 66 - 82.5 kW (90 - 102 PS) Vehicle 1040,1140,1350,1447,1550,1630, 1640, 1745,1750,1840,1845, 1850,1950,2030, 2040, 2130, 2140,2250,2450,2650,2850, 3040, 3040 1973...	3	106.50	66.42 - 18.50 112.00 MØ=58.50	34.925 84.10	9503 000 3.160T MoP 2.385K IFU P 3.465DY CrP	1503 000 106.50 AP Pist. Ç k nt s +0.10 / +0.30	3503 000	5503 000 K=115.71 L=197.00 H+F=6.05+0.80 D=126.00 FF FØ=117.50  1 R 97x101.6x3.6 1 SI 116x3.5 1 VI 115.5x3.5	7503 K,S
	4								
	6							5508 000 K=115.71 L=197.00 H+F=6.05+0.80 D=126.00 FF FØ=116.50 1 R 97x101.6x3.6 1 SI 116x3.5 1 VI 115.5x3.5	8503 K,S
Diesel Engine 300 NA ,3179 D 2940 cm ³ 28 - 41 kW (38 - 56 PS) Vehicle Agricultural Tractor - 2040 / 2050 / 30 / 3000 / 3010 / 40 / 50 / 55 / 6000 / 6010 Series Combine Harvesters 1000 Series, Telescopic Handlers 3000 Series, Utility Tractors 55 Series Diesel Engine 300 NA , 4039 D 3920 cm ³ 60 kW (80 PS) Diesel Engine 300 NA 6059 D 4524 cm ³ 63 kW (85 PS) Diesel Engine 300 NA 6059 D 5878 cm ³ 89 kW (120 PS)	3	106.50	66.30 - 18.92 112.00 MØ=58.50	34.925 84.10	9503 000 3.160T MoP 2.385K IFU P 3.465DY CrP	1496 000 106.50 AP	3496 000	5503 000 K=115.71 L=197.00 H+F=6.05+0.80 D=126.00 FF FØ=117.50  1 R 97x101.6x3.6 1 SI 116x3.5 1 VI 115.5x3.5	7496 K,S
	4								
	4								
	6							5508 000 K=115.71 L=197.00 H+F=6.05+0.80 D=126.00 FF FØ=116.50 1 R 97x101.6x3.6 1 SI 116x3.5 1 VI 115.5x3.5	7498 K,S

									
Ø mm		mm		mm	Ø mm		mm		
Diesel Engine 4239 T/TL 3920 cm ³ 60 - 67 kW (82 - 91 PS) Vehicle 840,940,1040,1140,1350,1447, 1550,1630,1640,1745,1750,1840, 1845,1850,1950,2040,2130,2140, 2250,2450,2650,2850,3030,3040, 3050,3130,3140,3350,3640,4050 Diesel Engine 6359 T 5880 cm ³ 82 - 102 kW (112 - 139 PS) Vehicle 840,940,1040,1350,1447,15500, 1630,1640,1745,1750,1840,1845, 1850,1950,2040, 2130,2140, 2250,2450,2650,2850,3030, 3040,3050,3130,3140,3350, 3640,4040, 4050	4	106.50	66.42 - -19.65 112.00 MØ=58.50	41.27 84.00	9503 000 3.160T MoP 2.385K IFU P 3.465DY CrP	1505 000 106.50 AP	3505 000	5503 000 K=115.71 L=197.00 H+F=6.05+0.80 D=126.00 FF FØ=117.50 	7505 K,S
	6							1 R 97x101.6x3.6 1 SI 116x3.5 1 VI 115.5x3.5	
Diesel Engine 276 CDI (4,5L) 4045H, 4045T, 4276T TURBO DIESEL ENGINE Diesel Engine WHEEL LOADERS-JD440C,JD540B, JD555, 410C, 440C, 444E, 510C, 540B, 610B, 610C Diesel Engine CRAWLER TRACTORS-JD550, 450E, 450G, 455E, 455G, 550, 550A, 550B, 550G, 555, 555A, 555B,555G, 650G Diesel Engine SKIDDERS-340D, 440D, 446D, 540D, 548D Diesel Engine CROWLER DOZERS-JD555, 555 Diesel Engine EXCAVATORS-495D, 590D, 595, 595D, 5950	4	106.50	71.70 - -22.50 124.50 MØ=60.00	41.27 84.10	9503 000 3.160T MoP 2.385K IFU P 3.465DY CrP	1504 000 106.50 AP	3504 000	5503 000 K=115.71 L=197.00 H+F=6.05+0.80 D=126.00 FF FØ=117.50 	7504 K,S
	4							1 R 97x101.6x3.6 1 SI 116x3.5 1 VI 115.5x3.5	
	4							1 R 97x101.6x3.6 1 SI 116x3.5 1 VI 115.5x3.5	
	4							5508 000 K=115.71 L=197.00 H+F=6.05+0.80 D=126.00 FF FØ=116.50 1 R 97x101.6x3.6 1 SI 116x3.5 1 VI 115.5x3.5	7558 K,S

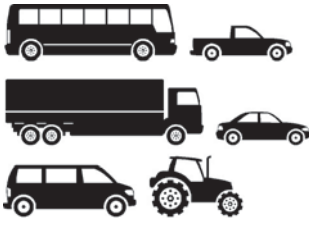
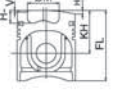
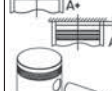


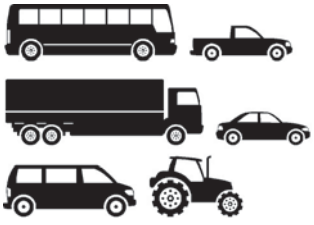
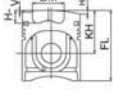
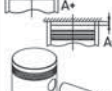
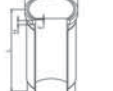
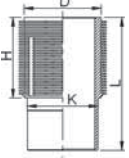
Diesel Engine 6068TRW, 6068TL, 4045T, Power Tech 6.8T Tractor 2938 / 3920 cm³ Vehicle Tractor 6400, Tractor 6400SE, Tractor 6800, Tractor 6900, Tractor 7600,	3- 4- 6	106.50	71.69 - -22.02 120.00 MØ=60.21 	41.27 84.50	9503 000 3.160T MoP 2.385K IFU P 3.465DY CrP	2985 000 106.50 AP	4985 000		
Diesel Engine 6404 D Vehicle Wheel Tractor 4040,4230, Combine 7700	6	107.95	70.04 - -18.70 124.75 MØ=63.50 	38.10 85.50	9509 000 3.175T Mo 2.500K Cr 4.747DY Cr	1509 000 107.95 AP	3509 000	5505 000 K=117.50 L=231.50 H+F=6.56+0.80 D=131.53 FF 	7509 K,S
Diesel Engine 4240		115.89						5506 000 K=125.10 L=231.00 H+F=8.25+1.00 D=135.10 FF 	

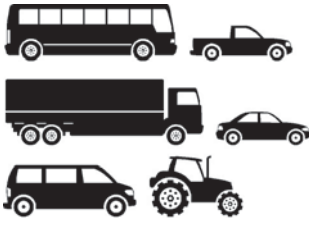
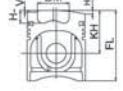
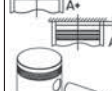
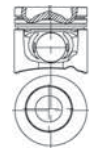
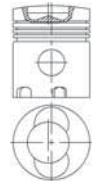
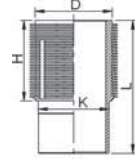


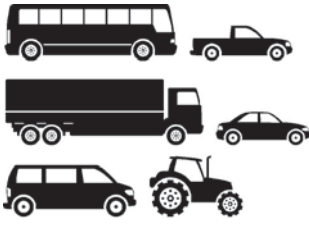
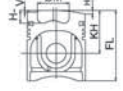
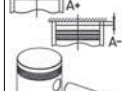
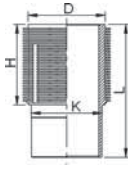
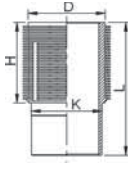
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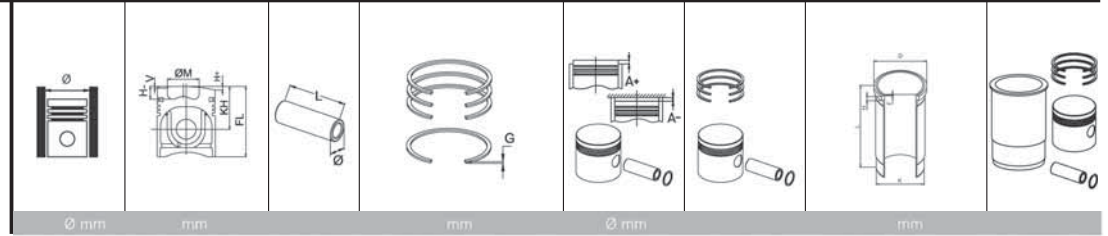
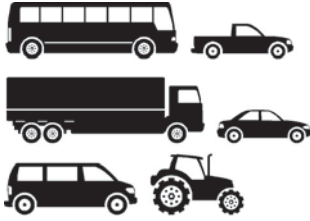
Diesel Engine V Motor 740 155 kW (211 PS) 10850 cm ³ Vehicle 5320,5410,5511,53202,53212	8	120.00	75.70 -2.70 / -2.40 -24.80 123.00 MØ=60.00 	45.00 95.00	9430 000 3.000TT CrP 3.000TT P 5.000DY CrP	2430 000 120.00 AP	4430 000	5507 000 K=133.95 L=224.00 H+F=10.30+1.15 D=145.95 FF 	8430 K,S
Diesel Engine 740.10 154 kW (210 PS) Vehicle 5230,5410,54112,55102,5511, 53212	8 10	120.00	75.70 -2.70 / -2.40 -26.40 123.00 MØ=60.00 	45.00 95.00	9430 000 3.000TT CrP 3.000TT P 5.000DY CrP	2431 000 120.00 AP	4431 000	5507 000 K=133.95 L=224.00 H+F=10.30+1.15 D=145.95 FF 	8431 K,S
Diesel Engine 740.50-360, 740.51-320 Euro 1	8	120.00	71.000 -2.70/-2.40 -21.70 117.80 MØ=70.00 	45.00 95.00	9240 000 3.500T Cr 3.000TT Cr 4.000DY Cr	2400 000 120.00 AP	4400 000	5574 000 K=134.00 L=221.00 H+F=10.30+1.15 D=146.00 FF 	8400 K,S

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine F 2L 1011 1366 cm ³ 21 kW (29 PS) Diesel Engine F 3 L 1011 2049 cm ³ 31 kW (42 PS) Diesel Engine F 4 L 1011 2732 cm ³ 42 kW (57 PS)	2	91.00	55.37 - -19.80 86.37 MØ=40.00	26.00 65.00	9511 000 2.000D CrP 2.000K P 3.000DY P	1511 000 91.00	3511 000	5511 000 K=94.00 L=175.50 H+F=4.55 D=98.90 FF	7511 K,S
	3								
	4								
					9511 050	1511 050 91.50	3511 050		
					9511 100	1511 100 92.00	3511 100		
Diesel Engine BF4M 1012 Euro 1 3192 cm ³ 47-65 kW (64-89 PS) Diesel Engine BF 6M 1012 Euro 1 4788 cm ³ 83-98 kW (113-133 PS)	4	94.00						5527 000 K=98.50 L=196.00 H+F=5.00 D=102.50 FF	
	6								
Diesel Engine F 1 L 712 / F 2 L 712 850 cm ³ / 1700 9.5 - 10.3 kW (13 - 14 PS) 13.3 - 17.6 kW (18 - 24 PS) Vehicle Tractor D 13/14/15 Tractor D 25/30/S Diesel Engine F 3 L 712 / F 4 L 712 2550 cm ³ / 3400 28 kW (38 PS) / 38 kW (52 PS) Vehicle Tractor D 40/L/S Tractor D 50/S Diesel Engine F 6 L 712 5100 cm ³ 66 kW (90 PS) Vehicle Sirius 90 1958...1968	1/2	95.00	59.00 - - 125.70	35.00 80.00	9013 000 2.500D IF CrP 2.500K P 2.500K P 5.000DY CrP 5.000DC P	2804 000 95.00	4804 000	5515 000 K=105.00 L=217.60 H+F=132.60 D=115.00 FF	8804 K,S
	3/4								
	6								

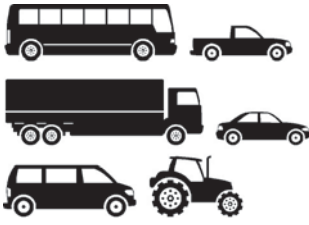
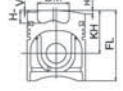
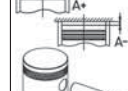
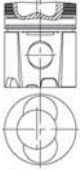
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine F 1 L 812, 2 Valves Diesel Direct Injection, 19:1 850 cm ³ 9 kW (13 PS) Vehicle DEUTZ Series D 15 1963...1967 Diesel Engine F 2 L 812, 4 Valves Diesel Direct Injection, 19:1 1700 cm ³ 16 - 22 kW (22 - 30 PS) Vehicle DEUTZ Series D 25 1964... DEUTZ Series D 2505, Series D 3005 1965...1970 DEUTZ Series D 30 1963...1967 DEUTZ Unisuper 2501, Unisuper 3001 1966... Diesel Engine F 3 L 812, 6 Valves Diesel Direct Injection, 19:1 2552 cm ³ 26-29 kW (35 - 40 PS) Vehicle DEUTZ Series D 40 1963...1967 DEUTZ Series D 4005, Series D 4505 1965...1970 DEUTZ Unisuper 4001 1966... Diesel Engine F 4 L 812, 8 Valves Diesel Direct Injection, 19:1 3400 cm ³ 33 - 43 kW (45 - 58 PS) Vehicle DEUTZ Series D 50 1963...1967 DEUTZ Series D 5005, Series D 5505, Series D 6005 1965...1970 DEUTZ Series M 80 1969...1975 DEUTZ Series M 88 1969...1974 Diesel Engine F 6 L 812, 12 Valves Diesel Direct Injection, 19:1 5104 cm ³ 59 - 74 kW (80 - 100 PS) Vehicle DEUTZ Series D 80, Sirius 90 1963...1967 DEUTZ Series D 8005, Series D 9005 1967...1970	1	95.00	68.00 +11.70 125.70	35.00 80.00	9505 000 2.500 D IF CrP 2.500 K IF P 2.500 K IF P 5.000 DY Cr	1716 000 95.00	3716 000	5515 000 K=105.00 L=217.60 H+F=132.60 D=115.00 FF  1 SI 86x2	7716 K,S
	2				9505 050	1716 050 95.50	3716 050		
	3				9505 100	1716 100 96.00	3716 100		
	4								
	6								

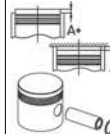
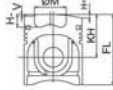
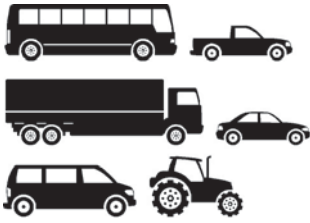
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine BF 4 M 2012 18,4:1 Charge intercooling Diesel direct injection 4000 cm ³ 60-155 kW (82-211 PS)	4	98.00	50.65 - -17.50 90.65 MØ=61,06	38.00 76.00	9717 000 3.000T IW Ck 2.030K IFU P 3.000DY StNt	1717 000 98.00 AP	3717 000		
	6								
Diesel Engine TCD 2012 Euro 3 18:1 Charge intercooling Common Rail 5700 cm ³ 147 kW (200 PS)	6	98.00	55.150 - -17.31 90.650 MØ=61.50	40.00 80.00	9717 000	1718 000 98.00 AP	3718 000		
Vehicle Engine 00/2005...									
Diesel Engine F 2 L 912 D 1884 cm ³ 26.5 - 28 kW (36 - 38 PS)	2	100.00	71.90 - +5.60/-21.40 123.60 MØ=55.00	35.00 80.00	9512 000 3.000T CrP 2.500K IF P 2.500TN P 5.000DY CrP	1512 000 100.00 Pist. Ç k nt s Conta ile birlikte +1.00 / +1.20	3512 000	5512 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF	7512 K,S
	3								
	4								
	5								
	6								
Diesel Engine F 3 L 912 D 2826 cm ³ 26 - 43 kW (35 - 56.5 PS)									
Vehicle D 2506, D 3006									
Diesel Engine F 4 L 912 D 3768 cm ³ 43 - 59 kW (58.5 - 80 PS)					9512 050	1512 050 100.50	3512 050		
Vehicle D 5506, D 6006/A, D 6206/A, D 6606/A, D 7006/A, 2003/A/S					9512 100	1512 100 101.00	3512 100		
Diesel Engine F 5 L 912 D 4712 cm ³ 63 - 74 kW (85 - 100.5 PS)									
Diesel Engine F 6 L 912 D 5652 cm ³ 59 - 82 kW (80 - 112 PS)									
Vehicle D 7506/A, D 8006/A, D 9006/A, D 9009/A, D 10006/A 1967...									

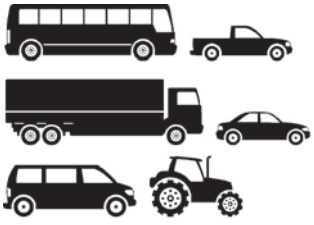
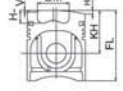
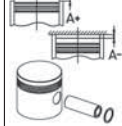
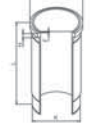
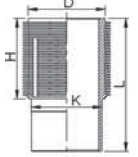
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine F 2 L 912 D 1884 cm ³ 26.5 - 28 kW (36 - 38 PS) Vehicle D 2506, D 3006 Diesel Engine F 3 L 912 D 2826 cm ³ 26 - 43 kW (35 - 56.5 PS) Vehicle D 406/A, D 4505/A, D 4506/A, D 5006/A, D 5206/A, 2002/A Diesel Engine F 4 L 912 D 3768 cm ³ 43 - 59 kW (58.5 - 80 PS) Vehicle D 5506, D 6006/A, D 6206/A, D 6606/A, D 7006/A, 2003/A/S Diesel Engine F 5 L 912 D 4712 cm ³ 63 - 74 kW (85 - 100.5 PS) Diesel Engine F 6 L 912 D 5652 cm ³ 59 - 82 kW (80 - 112 PS) Vehicle D 7506/A, D 8006/A, D 9006/A, D 9009/A, D 10006/A 1967...	2	100.00	71.90 - +5.60/-21.40 123.60 MØ=55.00	35.00 80.00	9510 000 3.000T Cr 2.500K IF Cr 5.000DY	1510 000 100.00 Pist. Ç k nt s +1.00 / +1.20	3510 000	5512 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF	7510 K,S
	3								
	4				9510 050	1510 050 100.50	3510 050		
	5				9510 100	1510 100 101.00	3510 100		
	6								
Diesel Engine F 2 L 912 D 1884 cm ³ 26.5 - 28 kW (36 - 38 PS) Vehicle D 2506, D 3006 Diesel Engine F 3 L 912 D 2826 cm ³ 26 - 43 kW (35 - 56.5 PS) Vehicle D 406/A, D 4505/A, D 4506/A, D 5006/A, D 5206/A, 2002/A Diesel Engine F 4 L 912 D 3768 cm ³ 43 - 59 kW (58.5 - 80 PS) Vehicle D 5506, D 6006/A, D 6206/A, D 6606/A, D 7006/A, 2003/A/S Diesel Engine F 5 L 912 D / F 6 L 912 D 4712 cm ³ / 5652 63 - 74 kW (85 - 100.5 PS) / 59 - 82 kW (80 - 112 PS) Vehicle D 7506/A, D 8006/A, D 9006/A, D 9009/A, D 10006/A	2	100.00	71.80 - +5.70/-21.40 123.60 MØ=55.00	35.00 80.00	9512 000 3.000T CrP 2.500K IF P 2.500TN P 5.000DY CrP	1525 000 100.00	3525 000	5512 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF	7525 K,S
	3								
	4				9512 050	1525 050 100.50	3525 050		
	5/6				9512 100	1525 100 101.00	3525 100		

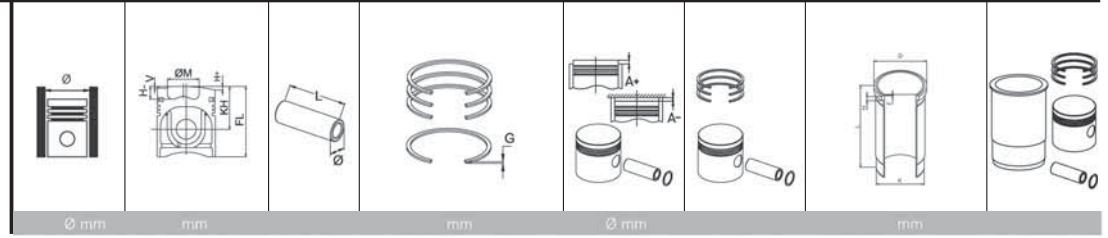
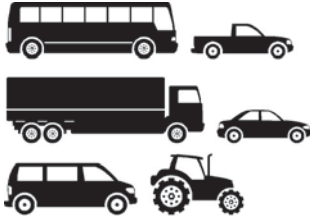


Diesel Engine F 2 L 912 D 1884 cm ³ 26.5 - 28 kW (36 - 38 PS) Vehicle D2506, D3005 Diesel Engine F 3 L 912 D 2826 cm ³ 26 - 46 kW (35 - 58 PS) Vehicle D 4000/A, D 5206/A Diesel Engine F 4 L 912 D 3758 cm ³ 43 - 59 kW (58.8 - 81 PS) Vehicle D5506, D5006/A, D6206/A 2003/A/S Diesel Engine F 5 L 912 D 4712 cm ³ 63 - 74 kW (86 - 107 PS) Diesel Engine F 6 L 912 D 5652 cm ³ 59 - 82 kW (80 - 111 PS) Vehicle D7506/A, D8006/A, D9006/A D9009/A, D10006/A 1967...1972	2	100.00	71.90 - +5.60/-21.40 123.60 MØ=55.00	35.00 80.00	9512 000 3.000T CrP 2.500K IF P 2.500TN P 5.000DY CrP	1514 000 100.00	3514 000	5512 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF	7514 K,S
	3								
	4							2 SM 110.1x117.6x0.2	
	5				9512 050 9512 100	1514 050 100.50 1514 100 101.00	3514 050 3514 100		
Diesel Engine F4 L 912 3700 cm ³ 59 kW (80 PS)	4	100.00	71.90 - +3.30/-17.35 123.72 MØ=45.00	35.00 80.00	9512 000 3.000T CrP 2.500K IF P 2.500TN P 5.000DY CrP	1522 000 100.00	3522 000	5512 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF	7522 K,S
			71.90 - +3.30/-17.35 123.72 MØ=45.00	35.00 80.00	9523 000 2.940T IF CrP 2.000K IFU P 3.000DY CrP	1523 000 100.00	3523 000	2 SM 110.1x117.6x0.2	
					9523 050	1523 050 100.50	3523 050		
Diesel Engine Tractor	4 6	100.00	70.030 - 120.75	35.00 85.00	9009 000 3.000D CrP 3.000K P 3.000K P 5.000DY CrP 5.000DC P	2809 000 100.00	4809 000	5557 000 K=113.00 L=204.00 H+F=139.50 D=120.00 FF	8809 K,S

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine F 2 L 511 D, F 2 L 511 W R 2 Diesel 1650 cm ³ 26 kW (35 PS) Vehicle Stationary Engine 1978...	2	100.00	71.90 -1.10 -21.40 95.95 MØ=50	35.00 75.00	9506 000 3.00 T IF CrP 2.00 K IF 3.50 DY Cr	1715 000 100.00	3715 000		
	2				9506 050	1715 050 100.50	3715 050		
Diesel Engine F 2 L 912 D, F 2 L 912 W R 2 Diesel, 17:1 1884 cm ³ 21 - 28 kW (29 - 38 PS) Vehicle DEUTZ D 2506, D 2807, D 3006, D 3607, DX 36 TORPEDO D 2506, D 2807, D 3006, D 3607, DX 36	3								
	3								
Diesel Engine F 3 L 912 D, F 3 L 912 W R 3 Diesel, 17:1 2826 cm ³ 26 - 43 kW (35 - 58.5 PS) Vehicle DEUTZ 2002/A, D 4006/A, D 4007, D 4897, D 5006/A, D 5207, DX 3.20, DX 3.30, DX 50, DX 55 TORPEDO 2002, 2002 A, 2003 A, 75 D, 80 D, D 4006 A, D 4505 A, D 6006 A, D 6806, D 7206 A, DX 3.20, DX 3.55, DX 4.10	4								
	4								
Diesel Engine F 4 L 911 D, F 4 L 912 D, F 4 L 912 W R 4 Diesel, 17:1 3768 cm ³ 43 - 59 kW (58 - 80 PS) Vehicle DEUTZ 2003/A, 2003/S, D 6006/A, D 6806/A, D 7006/A, D 7206/A, DX 4.10, DX 750 TORPEDO 2003 A, 2003 S, 75 D, 80 D, D 6006 A, D 6206 A, D 6806 A, D 7206 A, DX 3.70, DX 4.10, DX 85, DX 90	5								
	5								
Diesel Engine F 5 L 912 D R 5 Diesel, 17:1 4712 cm ³ 63 - 74 kW (86 - 101 PS) Vehicle DEUTZDX 85, DX 90 TORPEDO DX 85, DX 90	6								
	6								
Diesel Engine F 6 L 912 D R 6 Diesel, 17:1 5652 cm ³ 59 - 82 kW (80 - 112 PS) Vehicle DEUTZ 2005, D 10006/A, D 7506/A, D 8006/A, D 9006/A, D 9009/A, DX 110, DX 120, DX 6.10 TORPEDO 120 D, D 10006 A, D 7506 A, D 8006 A, D 9006 A, D 9009 A, DX 110, DX 6.10, INTRAC 1967, INTRAC 2005 1967...									

[illegible]

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine BF 4 M 2012 Euro 2 Turbo charged Charge intercooling Diesel direct injection 4038 cm ³ 74-93 kW (101-126 PS) Vehicle ENGINE 06.2001 ... Diesel Engine BF 4 M 2012 C Euro 2 Turbo charged Charge intercooling Diesel direct injection 4038 cm ³ 56-155 kW (76-208 PS) Vehicle Agrofarm 85 , 100 Agrottron 90 , 100 , 105 , 110 , 120 09.2003 ... ENGINE 06.2000 ... Diesel Engine BF 6 M 2012 C Euro 2 Turbo charged Charge intercooling Diesel direct injection 6067 cm ³ 80-155 kW (109-209 PS) Vehicle Agrottron 108 , 118 , 120 , 128 , 130 11/2003 ... ENGINE 06/2000 ...	4	101.00	50.65 - -18.00 86.15 MØ=61.03 	38.00 76.00	9059 000 2.500T IF Cr 2.000K IFU P 3.000DY Nt	2046 000 101.00 AP	4046 000		
	4				9059 050	2046 050 101.50	4046 050		
	6								
Diesel Engine BF 4 L 913 T 4086 cm ³ 64 kW (87 PS) Diesel Engine BF 6 L 913 T 6128 cm ³ 95,5 kW (130 PS) Vehicle 1981...	4	102.00	69.10 - +6.00/-22.60 123.60 MØ=56.20 	35.00 80.00	9513 000 3.000T MoP 2.500K IW P 2.500TN P 5.000DY CrP	1513 000 102.00 AP	3513 000	5513 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF  2 SM 110.1x117.6x0.2	7513 K,S
	6				9513 050	1513 050 102.50	3513 050		
					9513 100	1513 100 103.00	3513 100		



Diesel Engine

BF 4 L 913

4086 cm³

64 kW (87 PS)

Diesel Engine

BF 6 L 913

6128 cm³

(145 PS - 160 PS)

Vehicle

Tractor 13006 A , M 30, M 8 FL,
M 160 L81, 160 M 13 FL,
168 M 8 FL

1973...

4

102.00

69.10

40.00

9516 000

3.000T

MoP

3.000TK

CrP

2.500K IW

P

5.000DY

CrP

1516 000

102.00

AP

YS

Pist. Ç k nt s

Conta ile

birlikte

+1.00 /

+1.20

3516 000

5513 000

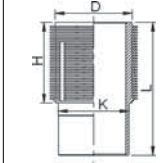
K=110.00

L=222.30

H+F=137.30

D=120.00

FF



2 SM 110.1x117.6x0.2

7516

K,S

6

+6.00/-23.60

123.60

MØ=58.00



9516 050

1516 050

102.50

3516 050

9516 100

1516 100

103.00

3516 100

5517 000

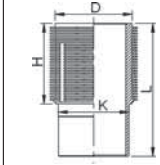
K=109.90

L=220.40

H+F=135.40

D=124.50

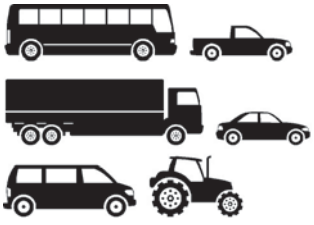
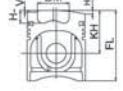
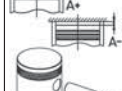
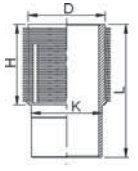
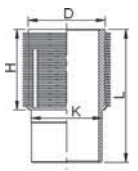
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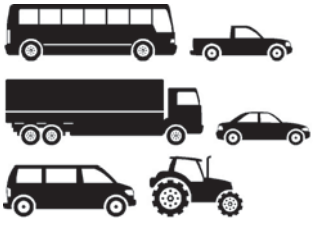
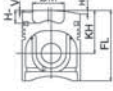
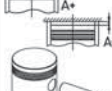
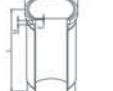
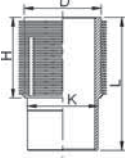
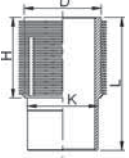


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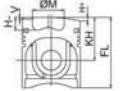
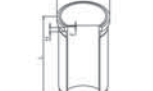
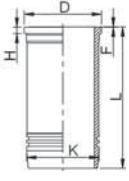
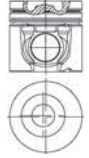
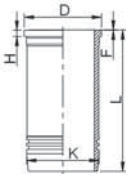
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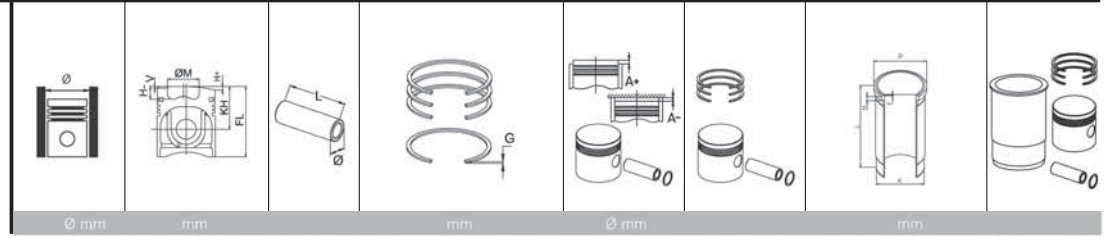
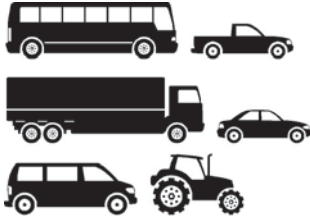
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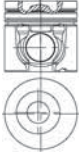
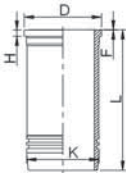
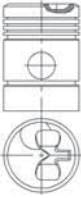
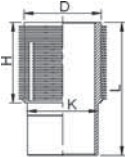
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine F 3L 913 3060 cm ³ 45 kW (61 PS) Vehicle Agrolux 60, Agroplus 60, AgroXtra DX 3.57, Series DX 3.50, AgroCompact 3.50, Series DX 6007 Series DX 80, Series D 6007 Diesel Engine F 4 L 913 4086 cm ³ 55 kW (75 PS) Vehicle Agrolux 80/70, Agroplus 80/70 AgroPrima 4.31/4.31, AgroXtra DX 4.17, AgroCompact 3.90/3.70, Series DX 4.30/3.90/3.80/4.50/4.70/80, Series D 6907/6807/7807 Series M 90, Diesel Engine F 5 L 913 5107 cm ³ 66 kW (90 PS) Vehicle Series DX 90 04/1980... Diesel Engine F 6 L 913 6128 cm ³ 71 - 96 kW (96 - 130 PS) Vehicle AgroStar 6.38/6.08/6.28/6.21 /6.31/6.11 AgroPrima 6.16, AgroXtra DX 6.17, Intrac 6.30/6.05/2006 Series DX 6.30/120, Series M 2680/2580/1320/1300 /130/1302	3	102.00	69.10 - -16.60/+6.00 123.60 MØ=56.00 	35.00 80.00	9701 000 2.940T CrP 2.500K IW P 5.000DY Cr	1705 000 102.00 AP YS	3705 000	5513 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF  2 SM 110.1x117.6x0.2	7705 K,S
	4				9701 050	1705 050 102.50	3705 050		
	5				9701 100	1705 100 103.00	3705 100		
	6								
Diesel Engine BF 4 L 913 4086 cm ³ 64 kW (87 PS) Diesel Engine BF 6 L 913 6128 cm ³ (145 PS - 160 PS) Vehicle Tractor 13006 A , M 30, M 8 FL, M 160 L81, 160 M 13 FL, 168 M 8 FL 1973...	4	102.00	69.10 - +6.00/-23.60 123.60 MØ=58.00 	40.00 80.00	9516 000 3.000T MoP 3.000TK CrP 2.500K IW P 5.000DY CrP	1521 000 102.00 AP	3521 000	5513 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF  2 SM 110.1x117.6x0.2	7521 K,S
	6				9516 050	1521 050 102.50	3521 050		
					9516 100	1521 100 103.00	3521 100		

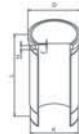
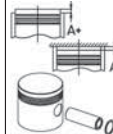
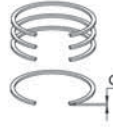
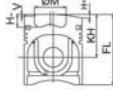
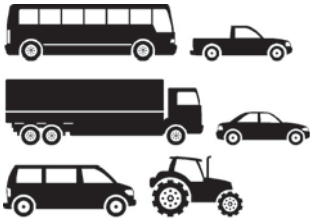
									
Ø mm		mm	mm	mm	Ø mm	mm	mm	mm	mm
Diesel Engine BF 4 913 T 4086 cm ³ 55 - 78 kW (75 - 106 PS) Vehicle Series DX 4.50, Series DX 4.51 06/1986...06/1996 Series DX 4.70 06/1986... Series DX 86, Series DX 92 01/1982...10/1985 Diesel Engine BF 6 L 913 T 6128 cm ³ 85 - 112 kW (115 - 152 PS)	4	102.00	69.10 +6.00 -17.60 123.60 MØ=58.00 	35.00 80.00	9521 000 2.940T IF CrP 2.500D CrP 2.500K P 5.000DY CrP	1707 000 102.00 AP YS	3707 000	5513 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF  2 SM 110.1x117.6x0.2	7707 K,S
	6				9521 050	1707 050 102.50	3707 050		
Diesel Engine BF 4 L 913 4086 cm ³ 55 - 81 kW (75 - 111 PS) Vehicle AgroPrima 4.51 10/1991...1996 Series DX 4.70 01/1982... Series DX 86, Series DX 92 01/1982...10/1985 Series DX 4.57, Series DX 4.50, Series DX 4.30 1986... AgroStar 4.61, AgroStar 4.71 01/1989...12/1999 AgroXtra DX 4.57, AgroPrima 4.56, AgroPrima 4.51, AgroXtra DX 4.47 03/1990...1996 AgroStar 4.68, AgroStar 4.78 01/1993...12/1999 Diesel Engine BF 4 L 913 T 4086 cm ³ 55 - 78 kW (75 - 106 PS) Vehicle Series DX 86, Series DX 92 01/1982...10/1985 Series DX 4.70 05/1986... Series DX 4.50, Series DX 4.51 06/1986...06/1996	4	102.00	69.10 - +4.45/-17.60 123.60 MØ=58.40 	40.00 80.00	9709 000 3.000T MoP 3.000TK MoP 3.500DY CrP	1708 000 102.00 AP YS	3708 000	5513 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF  2 SM 110.1x117.6x0.2	7708 K,S
					9709 050	1708 050 102.50	3708 050		
	4				9709 100	1708 100 103.00	3708 100		

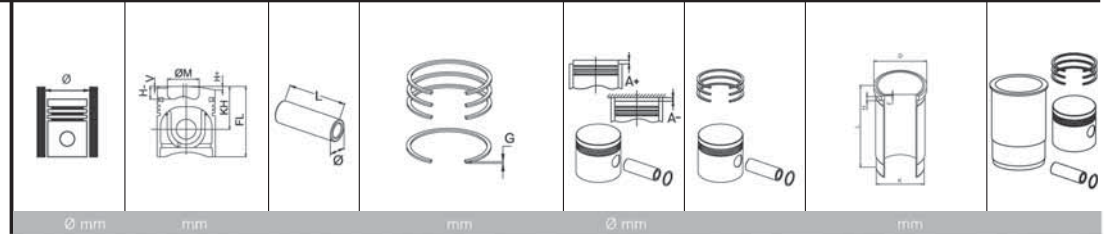
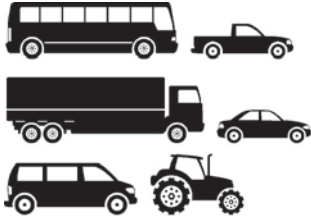
		Ø mm	mm	mm	Ø mm	Ø mm	mm	mm
Diesel Engine BF 6 L 913 6128 cm ³ 70 - 140 kW (95 - 191 PS) Vehicle Actor 5520 06/1999... AgroStar Series 01/1989...12/1999 AgroStar DX 6.71, AgroStar DX 6.81 01/1995... Ectron 5530 06/1999... Intrac 6.30, Intrac 6.60 01/1988...06/1994 Series DX.... 1978...1986 01/1990. Series M... 1974...1987	6	69.10 - +4.45/-17.60 123.60 MØ=58.40 	40.00 80.00	9709 000 3.000T MoP 3.000TK MoP 3.500DY CrP	1708 000 102.00 AP YS	3708 000	5513 000 K=110.00 L=222.30 H+F=137.30 D=120.00 FF 2 SM 110.1x117.6x0.2	7708 K,S
Diesel Engine BF 6 L 913 C, Charge intercooling 6128 cm ³ 118 - 164 kW (160 - 223 PS) Vehicle Series M 3610, Series M 3630 03/1987... TopLiner 4065, TopLiner 4068, TopLiner 4075 01/2001...	6			9709 050	1708 050 102.50	3708 050		
Diesel Engine BF 6 L 913 T 6128 cm ³ 85 - 112 kW (115 - 152 PS) Vehicle AgroSun 100, AgroSun 140 1997... Intrac 6.30 01/1989... Series DX 4.50 06/1986... Series DX 4.70, Series DX 6.31, 01/1990... Series M 4035	6			9709 100	1708 100 103.00	3708 100		
Diesel Engine F 3 L 913 G, 19.6:1 Direct Injection, 6 Valves 3064 cm ³ 37 kW (50 PS) Vehicle Gabelstapler / Forklift 01/1982...12/1996	3	102.00 57.28 5.52 -19.21 105.80 MØ=42.0 	35.00 80.00	9701 000 2.940T CrP 2.500K P 5.000DY CrP	1713 000 102.00	3713 000	5554 000 K=110.00 L=209.80 H+F=124.80 D=120.00 FF 2 SM 110.1 x 117.6 x 0.2	7713 K,S

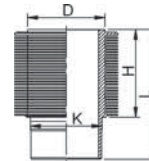
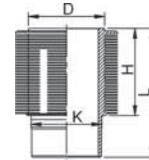
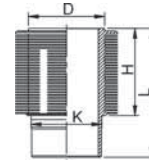
								
	Ø mm	mm		mm	Ø mm		mm	
Diesel Engine BFM 1013 C/CP/E, Euro 1 4760 cm ³ 63 - 93 kW (86 - 126 PS) Vehicle Einbaumotor Diesel Engine BFM 1013 C/CP/E, Euro 1 7146 cm ³ 95 - 141 kW (129 - 192 PS) Vehicle Einbaumotor	4	108.00					5387 000 K=120.00 L=229.00 H+F=9.00+1.00 D=128.50 FF  2 VI 115x3	
Diesel Engine BF 4 M 1013 Euro 2 Direct Injection Charge Intercooling 17.6:1 SP: 0.10 mm Oem: 20854656 4764 cm ³ 71 - 95 kW (97 - 129 PS) Vehicle Agrottron 90 L40 L45 07.1997... Diesel Engine TCD 2013 L04 2V Euro3 Common Rail Charge Intercooling 18.1:1 SP: 0.10 mm Oem: 20854656 4764 cm ³ 4764 120 - 129 kW (163 - 175 PS) Diesel Engine BF 6 M 1013 Euro2 Charg Intercooling 17.6:1 SP: 0.10 mm Oem: 20854656 7146 cm ³ 88 - 118 kW (120 - 161 PS) Vehicle Agrottron 1125, 1140, 1155, 120 135, 150, 160, 165, 175, 6.20, 6.30, 6.45 1995... Diesel Engine TCD 2013 L06 2V Euro3 Common Rail Charge Intercooling 18.1:1 SP: 0.10 mm Oem: 20854656 7146 cm ³ 157 - 200 kW (241- 272 PS) Vehicle Agrottron 710	4	71.10 - -19.60 108.00 MØ=64.00 	42.00 86.00	9045 000 3.000D IW Ck 2.000K IF NtP 3.500DY CrP	2045 000 108.00 AP	4045 000	6067 000 K=120.00 L=229.00 H+F=9.00+1.10 D=128.50 FF PHS 	7152 K,S

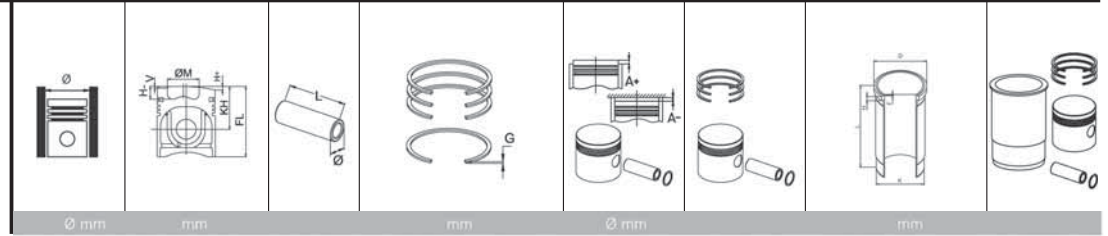
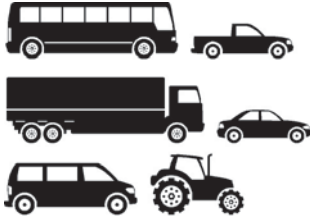


Diesel Engine BF 4M/6M 1013 Euro2, TCD 2013 L04/L06 2V Euro3 4764 - 7146 cm ³ Vehicle Agrotron 90/1125/1140/1155/120/135/150/160 /165/175/6.20/6.30/6.45/710, L40/45	4-6	108.00	71.10 - -19.60 108.00 MØ=64.00 	42.00 86.00	9045 000 3.000T IW Ck 2.000K IF NtP 3.500DY CrP	2044 000 108.00 AP	4044 000	6067 000 K=120.00 L=229.00 H+F=9.00+1.10 D=128.50 FF PHS 	7153
Diesel Engine F 1 L 514 1330 cm ³ 13 kW (18 PS) Diesel Engine F/A 2 L 514 2660 cm ³ 26.5 kW (36 PS) Diesel Engine F/A 3 L 514 3990 cm ³ 39.5 kW (54 PS) Diesel Engine F/A 4 L 514 5322 cm ³ 53 kW (72 PS) Diesel Engine F/A 6 L 514 7980 cm ³ 81 kW (110 PS) Diesel Engine F/A 8 L 514 10640 cm ³ 108 kW (147 PS) Diesel Engine F/A 12 L 514 15960 cm ³ 162 kW (220 PS)	1-12	110.00	87.00 -0.50 -10.50 154.00 	40.00 93.00	9517 000 3.000D Cr 3.000D IF P 3.000N 6.000DC 6.000SC	1517 000 110.00 Pist. Ç k nt s Conta ile birlikte +1.20 / +1.40	3517 000	5518 000 K=130.00 L=274.55 H+F=162.40+7.10 D=140.00 FF PHS  1 R 110x4.5	7517 K,S
					9517 050	1517 050 110.50	3517 050		
					9517 100	1517 100 111.00	3517 100		
					9517 150	1517 150 111.50	3517 150		

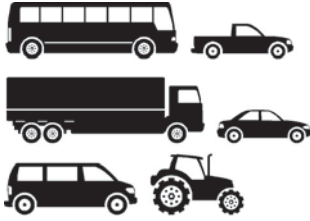
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Diesel Engine V Motor F5 L 413 F, 18:1 109 kW (148 PS) Vehicle 1975...	5	125.00	87.40 - +5.25/-47.65 138.65 MØ=48.00 	45.00 102.00	9520 000 3.000T Cr 2.500K IW P 4.000DY CrP	1520 000 125.00 AP HA Pist. Ç k nt s Conta ile birlikte +1.15 / +1.30	3520 000	5524 000 K=139.00 L=250.70 H+F=169.50 D=150.00 FF PHS  1 SI	7520 K,S
Diesel Engine V Motor F6 L 413 F, 18:1 141 kW (192 PS) Vehicle 1975...	6								
Diesel Engine V Motor F8 L 413 F, 18:1 188 kW (256 PS) Vehicle 1975...	8							5525 000 K=139.00 L=250.70 H+F=169.50 D=154.60 FF PHS	7086 K,S
Diesel Engine V Motor F10 L 413 F, 18:1 235 kW (320 PS) Vehicle 1975...	10							5529 000 K=139.00 L=250.70 H+F=169.50 D=150.00 FF PHS 	7119 K,S
Diesel Engine V Motor F12 L 413 F, 18:1 282 kW (383 PS) Vehicle 192 M 14 FL, 256 D 16 AK, 256 D 16 FL, 256 D 26 AK/U, 256 M 19 FL, 256 M 22 FLL, 260 L 117, 260 T 117, 320 D 16 FS, 320 D 19 AK, 320 M 16 FSL 1975...	12							 5556 000 K=139.00 L=250.70 H+F=169.50 D=154.60 FF PHS	7134 K,S
					9520 050	1520 050 125.50	3520 050		
					9520 100	1520 100 126.00	3520 100		

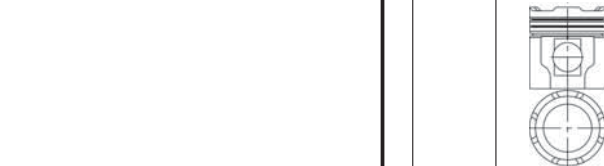


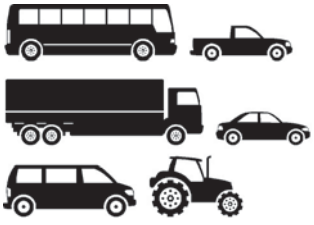
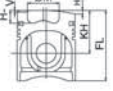
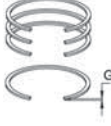
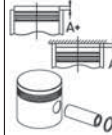
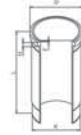
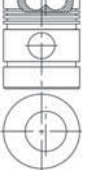
Diesel Engine GA 655 A, 4 D 105 3980 cm ³ Diesel Engine 6 D 105 6494 cm ³ Vehicle GD 505 A 2	4	105.00					5537 000 K=118.70 L=223.00 H+F=10.10+0.90 D=127.05 FF 	
Diesel Engine WA 420-1	4	110.00					5553 000 K=115.10 L=225.00 H+F=5.10+0.90 D=119.95 FF 	
							5543 000 K=115.10 L=225.00 H+F=5.10+0.90 D=119.95 SF 	
Diesel Engine WA 470	4	120.00					5551 000 K=139.95 L=293.00 H+F=13.16+1.00 D=149.90 FF 	
Diesel Engine WA 470	4	125.00					5548 000 K=141.40 L=256.50 H+F=10.52+1.50 D=153.00 FF PHS 	

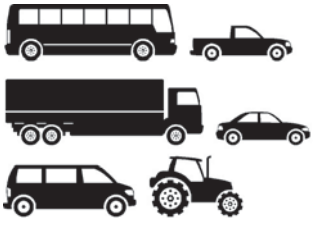
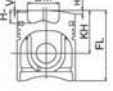
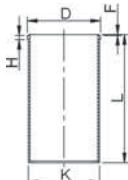
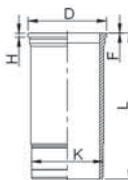


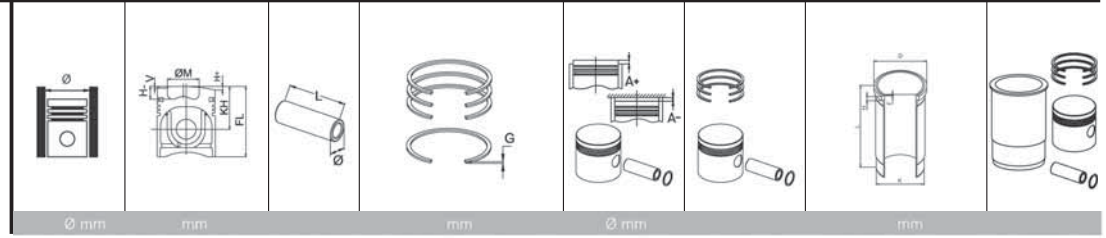
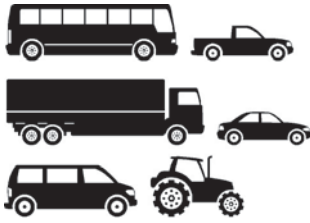
Ø mm	mm		mm	Ø mm		mm	

Diesel Engine 4 D 130, D 57 S 1	4	130.00					5539 000 K=145.90 L=293.30 H+F=13.13+1.00 D=155.65 FF 	
Diesel Engine NH 220	6	130.18					5541 000 K=145.90 L=303.00 H+F=11.45+1.60 D=155.65 FF 	
Diesel Engine S6D140 15200 cm ³	6	140.00					5552 000 K=158.00 L=282.00 H+F=11.17+1.80 D=170.20 FF PHS 	
Diesel Engine 6D 155A 6127312030 6127312040 19260 cm ³	6	155.00	102.50 -7.50 -15.95 167.50	60.00 129.90	9255 000 3.947T 3.947T 4.747DY Cr	2555 000 155.00 AP	4555 000 5542 000 K=175.90 L=327.00 H+F=14.40+1.60 D=185.60 FF 	8555 K,S



									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 6.354 5800 cm ³ 71.5 - 82.5 - 88.5 kW (97 - 112 - 120 PS) Vehicle Boxer BX 14.25/18 TF/19 TA/ 19 TF 1961...	4	98.48	70.10 - -25.70 120.70 MØ=54.00	34.925 84.100	9863 000 2.385D IF CrP 2.385D IF P 2.385K IW P 6.350DY CrP 6.350DC P	1840 000 98.48	3840 000	5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF	S
									
								5840 050 K=103.80 L=227.30 H+F=3.85+0.90 D=106.40 SF	
Diesel Engine 0400/401 D 6540 cm ³ Vehicle Super Cornet, Chieftain, Clydesdale, Revier	4	107.21	82.135 -2.15 -19.25 145.60 MØ=71.40	41.27 88.70	9560 000 3.175T Cr 2.385K IF P 4.763DY CrP	1560 000 107.21 AP	3560 000	5560 000 K=111.35 L=239.50 FF	7560 K,S
									
								5562 000 K=111.28 L=240.00 H+F=4.50+1.00 D=112.75 FF	7064 K,S
								5561 000 K=111.36 L=240.00 H+F=4.50+0.80 D=113.05 SF	S

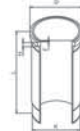
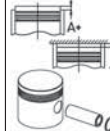
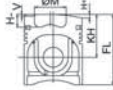
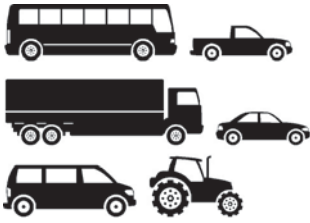
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 0.401 6540 cm ³ 104 kW (141 PS) Vehicle Clydes dale-CD, 23 NW, Meteor , CH 9 XL, Cornet 90/100, Revier, Viking,Panther,Tiger.Clup 1961...	6	107.21	82.10 -2.40 -19.50 145.50 MØ=71.00	33.78 92.50	9561 000 3.420T IW Cr 3.420T P 6.335SC CrP 6.335SY P	1561 000 107.21 AP	3561 000	5560 000 K=111.35 L=239.50 FF 	7561 K,S
								5562 000 K=111.28 L=240.00 H+F=4.50+1.00 D=112.75 FF 	7006 K,S
								5561 000 K=111.36 L=240.00 H+F=4.50+0.80 D=113.05 SF	S
LIAZ									
Diesel Engine M 640 , MS 640, M/MS 634 11940 cm ³ 235 kW (320 PS) Vehicle S 100.55, 110.073, S 123.02, S 123.47, Praga 9 P 140, 24,100,180,706 1979...	6	130.00						5570 000 K=146.00 L=276.00 H+F=8.00+0.70 D=156.00 FF 	
								2 R 145x5.5	

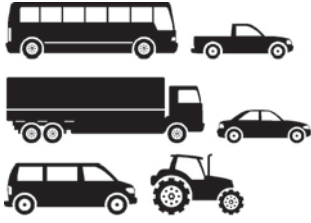


Diesel Engine D 924.TI-E A1, TI-E A2 66-160 kW (90-218 PS) 17,2:1 Vehicle Turbo, LLK 1992...	4	122.00						5573 000 K=137.50 L=246.50 H+F=12.00+0.60 D=149.00 FF PHS 1 VI 133.6x2.2 2 VI 126.5x3.5	
Diesel Engine D 926. TI-E 160-240 kW (218-326 PS) 17,2:1 Vehicle Turbo, LLK 1992...	6								

LISTER

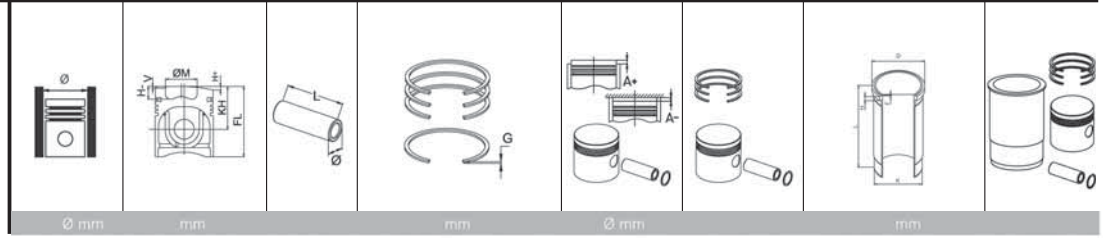
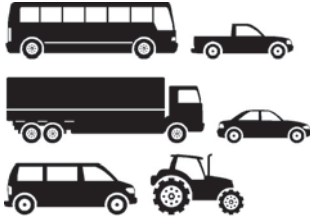
Diesel Engine SR 1 582 cm ³ Diesel Engine SR 2 1102 cm ³ Diesel Engine SR 2 1655 cm ³ Diesel Engine SR 4 Vehicle Air Cooled 1961..1975	1	88.90	65.15 - -17.22 103.18 MØ=35.00 	29.373 76.00	9252 000 3.200D 2.381K 2.381TN 3.968DY 3.968DC Cr Cr	1252 000 88.90	3252 000		
	2								
	3								
	4								
					9252 020	1252 020 89.40	3252 020		
					9252 030	1252 030 89.65	3252 030		
					9252 040	1252 040 89.90	3252 040		
					9252 060	1252 060 90.40	3252 060		
Diesel Engine ST 1, TS 1 630 cm ³ Diesel Engine ST 2, TS 2 1270 cm ³ Diesel Engine ST 3, TS 3 1900 cm ³	1	95.25	65.15 - -16.00 103.18 MØ=45.00 	33.34 79.20	9582 000 3.160T 2.385K 2.385TN 4.747DY 4.747DC Cr P P Cr P	1582 000 95.25	3582 000	5567 000 K=104.70 L=185.80 H+F=148.83 D=114.30 FF 	7582 K,S
	2								
	3								
					9582 020	1582 020 95.75	3582 020		
					9582 030	1582 030 96.00	3582 030		
					9582 040	1582 040 96.25	3582 040		

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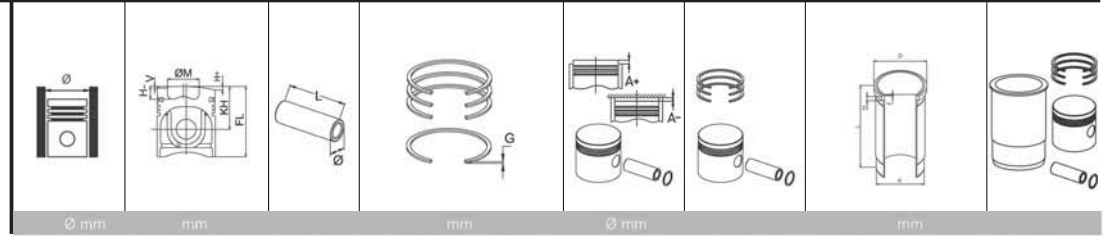
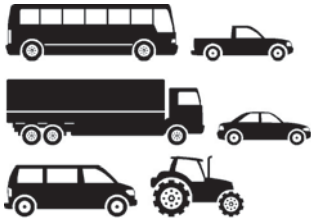


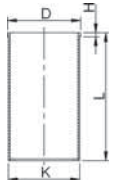
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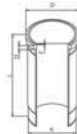
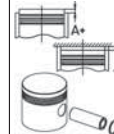
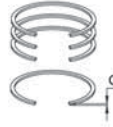
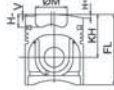
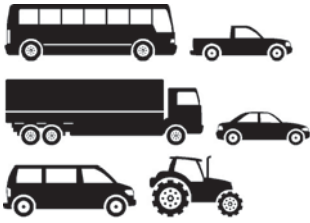
Diesel Engine 1200 cm ³ 95.6 kW (128.20 PS) Vehicle Piaggio 1997...1999	4	72.00	37.00 - -3.75/-4.10 58.030	18.00 51.00	9241 000 2.000D IF Cr 2.000K IF Cr 3.000DY Cr	1241 000 72.00	3241 000		
					9241 050	1241 050 72.50	3241 050		
Diesel Engine Water Pump Engine	4	75.00	35.40 - -4.20 56.50	20.00 55.00	9243 000 2.000D IF Cr 2.000K IF Cr 3.000DY Cr	1243 000 75.00	3243 000		
					9243 050	1243 050 75.50	3243 050		
Diesel Engine LDA450 7.5 kW (10 PS) Vehicle Water Pump Engine	1	85.00	52.00 - -14.50 90.00 MØ=42.60	23.00 63.10	9587 000 2.000D CrP 2.000K P 2.000K P 4.000PS P	1587 000 85.00	3587 000		
					9587 050	1587 050 85.50	3587 050		
					9587 100	1587 100 86.00	3587 100		



Diesel Engine D 0011 M 161, D 0022 M 161 1960 cm ³ 19 kW (26 PS) Diesel Engine D 0024 M 220/221, D 0024 M 227 3920 cm ³ 29,5-37 kW (40-50 PS) Vehicle Tractor 4 R 2 , 4 S 2 Diesel Engine D 0026 M 1/2 H 6, D 0026 M 5891 cm ³ 59-92 kW (80-125 PS) Vehicle 415,420,520,530,535,545,3600, 4200,4800,6.155,4 N, 6.90 FK, 8.90 FK, 9.136 FK, 10.36 FK, 415 L 1, 415 L 1A,, 415 L 1 F, 415 H, 520 L 1, 520 L1 A, 420 HOC 1, 452 HOC 2,4 N 1, 4 S 2, 4 R 2, A 30 AH, 3600,4200, 4800, 530, 535, 545, 6.115 HK/HAK 1957...1968	2	100.00						5590 000 K=106.06 L=235.50 SF 	
	4								
	6							5590 025 K=106.25 L=235.50 SF	
Diesel Engine D 0026 MK/MKF/MC/MLE/MKFA/MKH 5687 cm ³ 125 - 154 kW (170 - 209 PS) Vehicle 12.270, 12.192, 14.170, 14.192, 16.170, 17.192 1983... Diesel Engine D 0026 MTE/MTKE/MTXE 5687 cm ³ 81 - 135 kW (110 - 184 PS)	6	102.00						5579 000 K=105.99 L=217.00 H+F=8.00 D=111.00 FF 	
	6								



Diesel Engine D 0846 HM 2/HMN 2/HMY, 7252 cm ³ 93 - 115 - 118 kW (127 - 156 - 160 PS) Vehicle 8.156.,8.160 H,8.160F,9.156, 9.160,13.168,15.168, 6.168, 750 HO/SL, SG 192,SL192, CR 160, UE 590 1969...1973	6	108.00	89.00 - -40.00 145.50 MØ=43.30	42.00 90.00	9591 000 2.500D 2.500N 5.000DY CrP P CrP	1591 000 108.00 AP Pist. Ç k nt s +0.16 / +0.46	3591 000	5591 000 K=112.98 L=254.00 H+F=5.05 D=117.85 FF 	7591 K,S
								5591 050 K=113.48 L=254.00 H+F=5.05 D=117.85 FF	
								5580 000 K=113.06 L=254.00 H+F=5.05 D=117.85 SF	S
								5580 050 K=113.50 L=254.00 H+F=5.05 D=117.85 SF	
Diesel Engine D 0836/0846 M/MH/MU/HM 3 U /HM/HMN/HMU/HM 2/HM7 7030 cm ³ 99.5 - 115 kW (135 - 156 PS) Vehicle KMS 135,LKW 420,635, 735,750,850, LKW Serie 635/735/650/850 1963...1973	6	108.00						5582 000 K=113.00 L=254.00 H+F=5.00 D=117 FF PHS 	



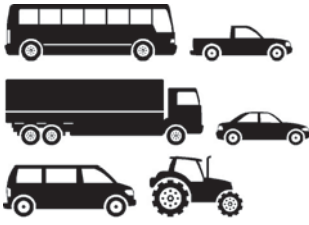
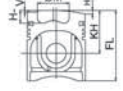
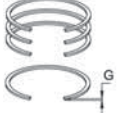
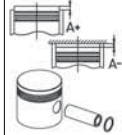
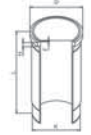
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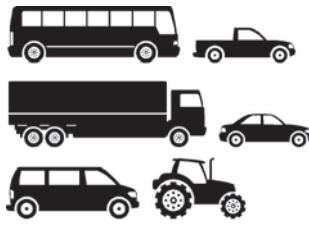
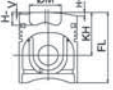
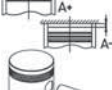
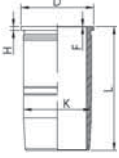
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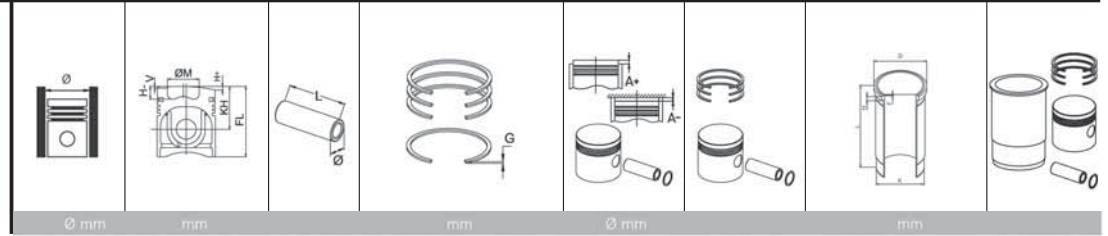
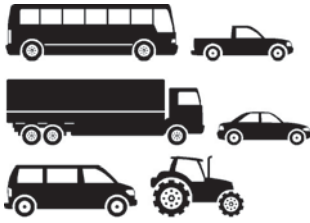
Ø mm

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		Ø mm	mm		mm	Ø mm		mm	
Diesel Engine D 2066, .LF 11, Euro 4 R 6 Diesel, 20.5:1 Turbo, IC, 24 Valves 10520 cm ³ 199 - 397 kW (270 - 540 PS)		6	120	76.80 - -19.70 121.80 MØ=67	52.00 96.00	9573 000 3.500T 3.000K 4.000DY	Cr CrP CrP	1567 000 120.00 AP YS	3567 000
Vehicle TGA 18.440, TGA 24.430, TGA 24.440, TGA 26.430, TGA 26.440 TGA 32.430, TGA 32.440, TGA 35.430, TGA 35.440, TGA 37.430 TGA 37.440, TGA 41.430, TGA 41.440 2004...									
Diesel Engine D 2066, .LF 12, Euro 4 R 6 Diesel, 20.5:1 Turbo, IC, 4 Valves 10520 cm ³ 199 - 397 kW (270 - 540 PS)		6	120.00						
Vehicle TGA 18.390, TGA 18.400, TGA 24.390, TGA 24.400, TGA 26.390 TGA 26.400, TGA 32.390, TGA 32.400, TGA 35.390, TGA 35.400 TGA 37.390, TGA 37.400, TGA 41.390, TGA 41.400 2004...									
Diesel Engine D 2066, .LF 13, Euro 4 R 6 Diesel, 20.5:1 Turbo, IC, 24 Valves 10520 cm ³ 199 - 397 kW (270 - 540 PS)		6							
Vehicle TGA 18.350, TGA 18.360, TGA 24.350, TGA 24.360, TGA 26.350 TGA 26.360, TGA 32.350, TGA 32.360, TGA 35.350, TGA 35.360 TGA 37.350, TGA 37.360, TGA 41.350, TGA 41.360 2004...									
Diesel Engine D 2066, .LF 14, Euro 4 R 6 Diesel, 20.5:1 Turbo, IC, 24 Valves 10520 cm ³ 199 - 397 kW (270 - 540 PS)		6							
Vehicle TGA 18.310, TGA 18.320, TGA 26.310, TGA 26.320 2004...									
Diesel Engine D 2066, .LF 31, Euro 4 R 6 Diesel, 20.5:1 Turbo, IC, 24 Valves 10520 cm ³ 324 kW (440 PS)		6							
Vehicle TGA 18.430, TGA 18.440, TGA 24.430, TGA 24.440 TGA 26.430, TGA 26.440, TGA 32.430, TGA 32.440 TGA 35.430, TGA 35.440, TGA 37.430, TGA 37.440 TGA 41.430, TGA 41.440 2004...									

	 Ø mm	 mm	 mm	 mm	 Ø mm	 mm	 mm	 mm		
Diesel Engine D 2066 LF 01 Euro 3, D 2066 LOH 10 Euro 3 Charge Intercooling, Common Rail 24 Valves, 19:1 10520 cm³ 316 kW (430 PS) Vehicle TGA 18.430, TGA 24.430, TGA 26.430, TGA 28.430 TGA 33.430, TGA 35.430, TGA 37.430, TGA 41.430 2004...	6	120.00	76.80 -2.00 -20.00 123.30 MØ=84.00	52.00 96.00	9573 000 3.500T 3.000K 4.000DY	Cr CrP CrP	1566 000 120.00 AP YS	3566 000	5605 000 K=139.50 L=260.00 H+F=8.07 D=150.00 FF PHS 	7566 K,S
Diesel Engine D 2066 LF 03 Euro 3, D 2066 LOH 12 Euro 3 Charge Intercooling, Common Rail 24 Valves, 19:1 10520 cm³ 257 kW (350 PS) Vehicle TGA 18.350, TGA 26.350, TGA 28.350 TGA 33.350, TGA 35.350 2004...	6									
Diesel Engine D 2066 LF 02 Euro 3 Charge Intercooling, Common Rail 24 Valves, 19:1 10520 cm³ 287 kW (390 PS) Vehicle TGA 18.390, TGA 26.390, TGA 28.390, TGA 35.390 TGA 37.390, TGA 40.390, TGA 41.390 2004...	6									
Diesel Engine D 2066 LF 06 Euro 3, D 2066 LF 07 Euro 3 Charge Intercooling, Common Rail 24 Valves, 19:1 10520 cm³ Vehicle ENGINE 1969...	6									



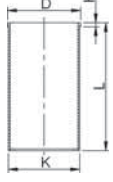
Diesel Engine

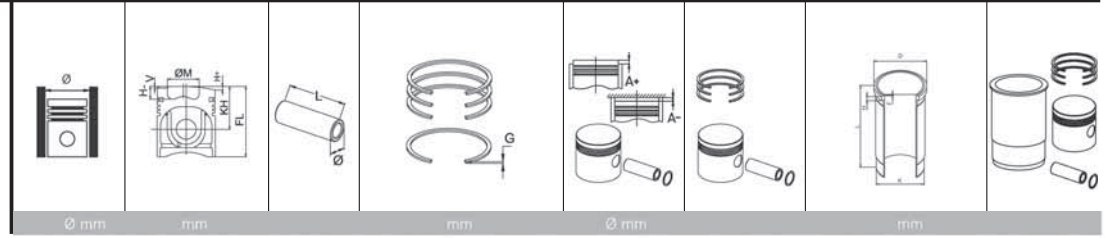
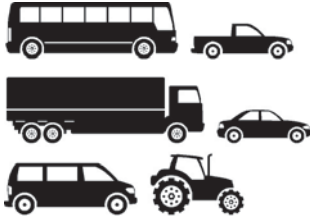
HNY/HM 2/HM 3/HMN 3/HM 9/HMN 9
10343 cm³

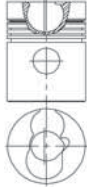
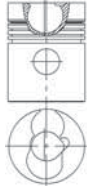
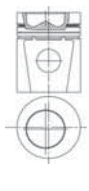
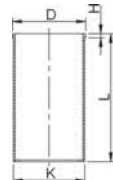
141.5 - 158 - 169 kW
(192 - 215 - 230 PS)

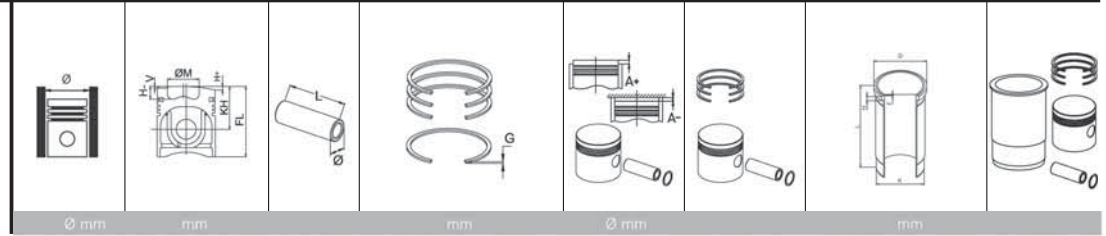
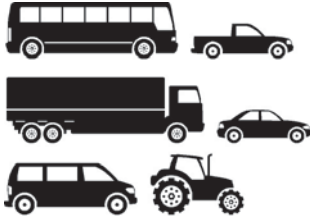
Vehicle

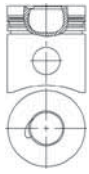
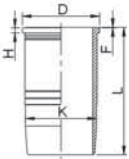
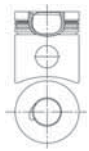
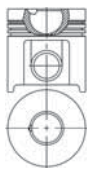
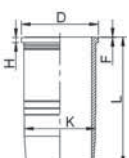
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21.215, 22.215, SL 192, SG 192,
12 Ue 192, 10 Ue 192, 11Ue 192
1966...1975

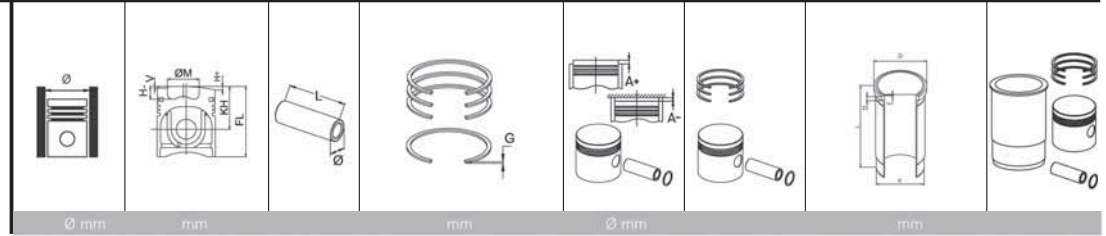
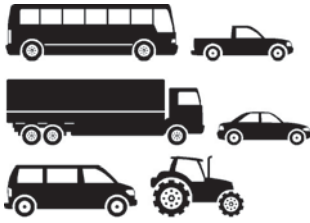
6	121.00	94.00 - -48.60 162.00 MØ=47.10	45.00 102.00	9593 000 3.500T Cr 3.000K IF P 3.000TN P 5.500DY CrP	1593 000 121.00 AP Pist. Ç k nt s +0.05 / +0.35	3593 000	5587 000 K=125.98 L=287.00 H+F=8.00 D=131.80 FF	7593 K,S
								
							5593 000 K=126.05 L=287.00 H+F=8.05 D=132.00 SF	S
		93.80 - -48.60 161.80 MØ=47.40		9593 000	1593 001 121.00	3593 001		
		94.00 - -48.60 162.00 MØ=47.00	45.00 102.00	9593 000 3.500T Cr 3.000K IF P 3.000TN P 5.500DY CrP	1600 000 121.00 AP HA	3600 000	5587 000 K=125.98 L=287.00 H+F=8.00 D=131.80 FF	7600 K,S
								
							5593 000 K=126.05 L=287.00 H+F=8.05 D=132.00 SF	S

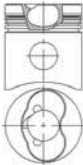
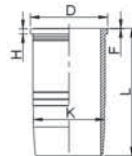


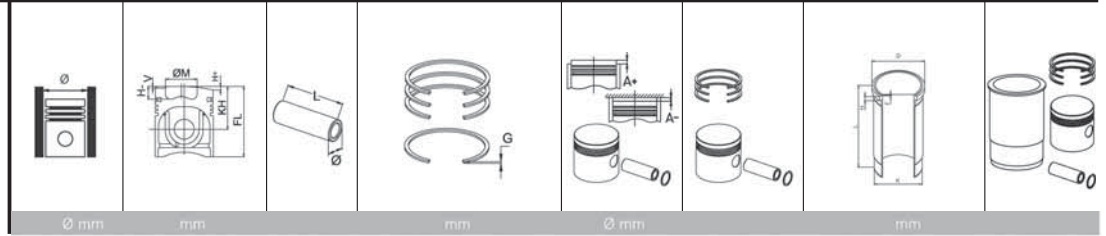
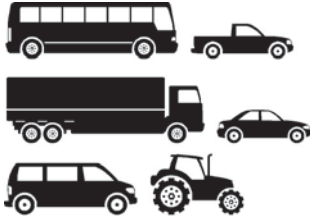
Diesel Engine D 2156 MT/MTN/MTX 10344 cm ³ 188,5 kW (256 PS) Vehicle 13.256 F, 16.256 F, 19.256 F, 22.256 F, 26.256 F, 30.256 F, 1966...1971	6	121.00	94.00 -2.40 -48.35 162.00 MØ=47.20 	45.00 102.00	9593 000 3.500T Cr 3.000K IF P 3.000TN P 5.500DY CrP	1573 000 121.00 AP HA Pist. Ç k nt s +0.05 / +0.35	3573 000	5587 000 K=125.98 L=287.00 H+F=8.00 D=131.80 FF 	7573 K,S
			94.00 -2.40 -48.35 162.00 MØ=47.20 	45.00 102.00	9593 000 3.500T Cr 3.000K IF P 3.000TN P 5.500DY CrP	1581 000 121.000 AP	3581 000	5593 000 K=126.05 L=287.00 H+F=8.05 D=132.00 SF	S
Diesel Engine D 10 UT 150 Euro I Turbo Intercooled 10350 cm ³ 150 kW (204 PS) Vehicle Commercial 1995...	6	121.00	94.00 -2.40 -16.40/-28.00 155.00 MØ=73.40 	45.00 102.00	9583 000 3.500T Cr 2.000D IF Cr 3.500DY Cr	1583 000 121.00 AP	3583 000	5588 000 K=125.98 L=287.00 H+F=8.06 D=131.80 FF 	7583 K,S
			94.00 - -24.90 155.00 MØ=69.00 	45.00 102.00	9583 000 3.500T Cr 2.000D IF Cr 3.500DY Cr	1580 000 121.00 AP	3580 000	5588 000 K=125.98 L=287.00 H+F=8.06 D=131.80 FF 	7580 K,S



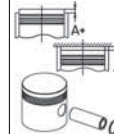
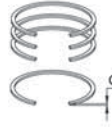
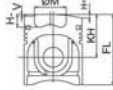
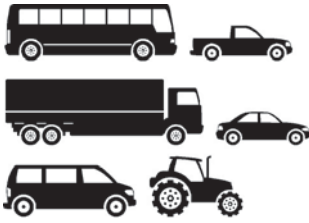
Diesel Engine D 2565 HM/M/ME/MF/MFR/MR/MUE/MUH/MU L 9510 cm ³ 92 - 141 kW (125 - 192 PS) Vehicle 11.168, 13.168, 13.192, 14.168, 14.162, 15.168, 15.192, 16.168, 16.192, 22.192 Diesel Engine D 2566 HM/M/ME/MH/MXF/MF/MUL/MUE/MU H/ MFO/MFOR/MFR/MUM 11407 cm ³ 125 - 177.7 kW (170 - 240 PS) Vehicle 15.240, 16.240, 19.240, 22.240, 26.240, 30.240, SG 192, SL 200, SD 200, SG 220, SUE 240, SR 240, SUE 240 1976...	5	125.00	89.870 - -44.00 141.87 MØ=49.60 	46.00 105.00	9595 000 3.000T 3.000K 5.000DY Cr P Cr	1595 000 125.00 AP	3595 000	5595 000 K=139.95 L=270.00 H+F=10.05+0.80 D=151.95 FF PHS  2 VI 138x2.1 2 VI 140x4 5595 050 K=139.95 L=270.00 H+F=10.55+0.80 D=151.95 FF PHS 2 VI 138x2.1 2 VI 140x4 5603 000 K=139.95 L=270.00 H+F=10.05+0.80 D=151.95 FF CHR	7595 K,S
	6								
			89.87 - -44.00 141.87 MØ=49.60 	46.00 105.00	9595 000 3.000T 3.000K 5.000DY Cr P Cr	1601 000 125.00 AP HA Pist. Ç k nt s 0 / +0.32	3601 000		7603 K,S
	8	125.00	92.30 - -44.90 137.30 MØ=47.30 	46.00 97.00	9595 000 3.000T 3.000K 5.000DY Cr P Cr	1732 000 125.000 AP Pist. Ç k nt s 0 / +0.40	3732 000	5601 000 K=139.95 L=253.00 H+F=10.07+0.90 D=151.95 FF PHS  2 VI 138x1.9 2 VI 140x3.8 5602 000 K=144.45 L=253.00 H+F=10.05+1.00 D=153.70 FF PHS 1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	7732 K,S 7007 K,S
Diesel Engine D 2538 M/ME/MF 12756 cm ³ 160 - 188 kW (218 - 256 PS) Vehicle 16.256, 19.256, 26.256, 30.256 1972...1976 Diesel Engine D 2530 ME/MF/MFX 15945 cm ³ 156 - 196 - 235 kW (212 - 267 - 320 PS) Vehicle 16.32, 19.320, 20.320, 22.320, 26.320, 30.320, 32.320, 38.320, DFK-3875, DF-4525, DF-5175 1972...1981	10								



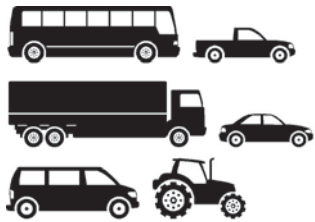
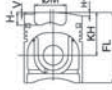
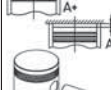
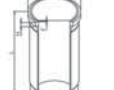
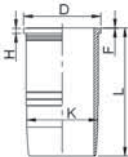
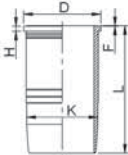
Diesel Engine D2566 MT D 2565 MT/MK/MKUL D 2566 KUL/MFT/MK/MKF/MKUH/MKUL/ MLE/MLUH/MLUM/MTE/MTF/MTH/ MTHO/MTU/MTUE/MTUH/MTUM/MUF 9510 cm ³ 169.5 kW (230 PS) Vehicle SR240, SR260, SR280 - 297 - 298 - 19, 281F-19, 281FL-19, 281FK-19, 281FS-19, 281FAS-19, 281FAK-19, 281U-19, 281UL - 19280F - 19, 280-FL-19, 280FT-19, 280FK-19, 280FS-19, 280FAS-19, 280FAK-19, 280DF-19, 280DFK-19, 280HF-19, 280HAK-19, 321, 22.280FNL-22, 281FNL-22, 321UNL-26,280DF-26, 280DFK-26, 280DFS-26, 280DFAS-26, 321DF-26, 321DFS-26, 381DFK-26, 381DFAS-26, 381DFAK-30, 280VF-32, 280DHAK-32, 281DHK-32, 281DF-32281-DFS-32281DFK-32, 281DFAK-32, 281DFAS-32, 321DFAS-32, 321DF-32, 321DFS-32, 321DFK-32, 1976...	5	125.00	89.80 -1.70 -43.00 141.80 MØ=52.00 	46.00 105.00	9596 000 3.500T 3.000TN 5.000DY	Cr P Cr	1596 000 125.00 AP YS	3596 000	5595 000 K=139.95 L=270.00 H+F=10.05+0.80 D=151.95 FF PHS  2 VI 138x2.1 2 VI 140x4	7605 K,S
	6								5595 050 K=139.95 L=270.00 H+F=10.55+0.80 D=151.95 FF PHS 2 VI 138x2.1 2 VI 140x4	
			89.80 -1.70 -43.00 141.80 MØ=52.00 	46.00 105.00	9596 000 3.500T 3.000TN 5.000DY	Cr Cr	1602 000 125.00 AP YS HA Pist. Ç k nt s 0 / +0.32	3602 000	5595 000 K=139.95 L=270.00 H+F=10.05+0.80 D=151.95 FF PHS  2 VI 138x2.1 2 VI 140x4	7605 K,S
	6								5595 050 K=139.95 L=270.00 H+F=10.55+0.80 D=151.95 FF PHS 2 VI 138x2.1 2 VI 140x4	

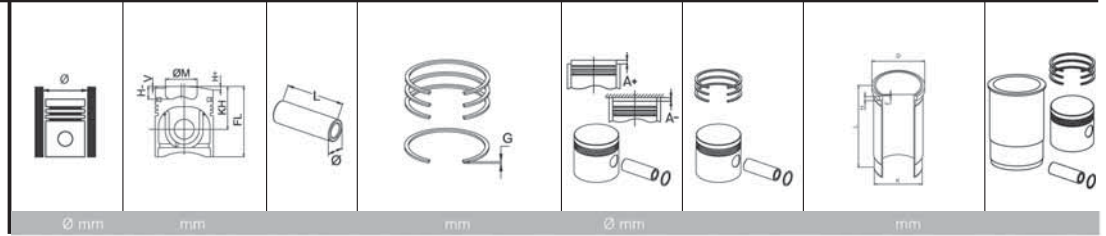
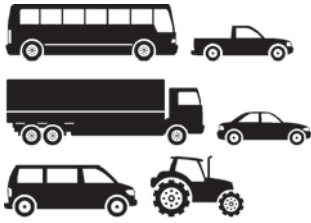


Diesel Engine D 2866 KOH/KUH/KU/KUL/KFZ/ LFZ/LFZR/LOCH/LU/LUL/ТУH/ТУМ/К/КФ/ LUH/LXF/LF 04/35 11967 cm ³ 215 - 243 - 265 kW (292 - 330 - 360 PS) Vehicle 19.361, 19.332 F, 19.361FLS, 19.362 F, 19.291, 19.292, 19.331, 22.330, 22.331, 22.332, 22.360, 22.361, 22.362, 24.362, 26.281, 26.291, 26.331, 26.361, 3 2.331, 32.361, 33.361, 34.291, 34.331, 280, 290, 292, 322, 332, 362, 363, 1983... Diesel Engine D 2866 TOH 11967 cm ³ 215 kW (292 PS)	6	128.00	89.80 -2.30 -32.20 141.80 MØ=70.00 	46.00 105.00	9598 000 3.500T Cr 3.000K Cr 5.000DY	1598 000 128.00 AP Pist. Ç k nt s 0 / +0.20	3598 000	5598 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS 2 VI 138x2.1 2 VI 140x4 5608 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF CHR 2 VI 138x2.1 2 VI 140x4	7598 K,S 7599 K,S
Diesel Engine D 2866 F/FG/FR/OH/UH/UM/E 11967 cm ³ 176 kW (239 PS) Vehicle 200,202,240,242, Industrimotor 1984...	6	128.00	89.87 - -31.07 141.87 MØ=67.00 	46.00 105.00	9598 000 3.500T Cr 3.000K Cr 5.000DY	1746 000 128.00 AP Pist. Ç k nt s 0 / +0.20	3746 000	5598 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS 2 VI 138x2.1 2 VI 140x4 5608 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF CHR 2 VI 138x2.1 2 VI 140x4	7746 K,S 7749 K,S

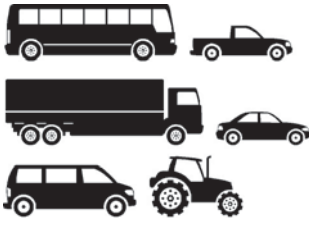
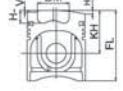
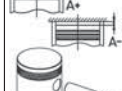
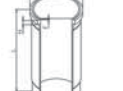
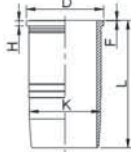
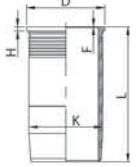


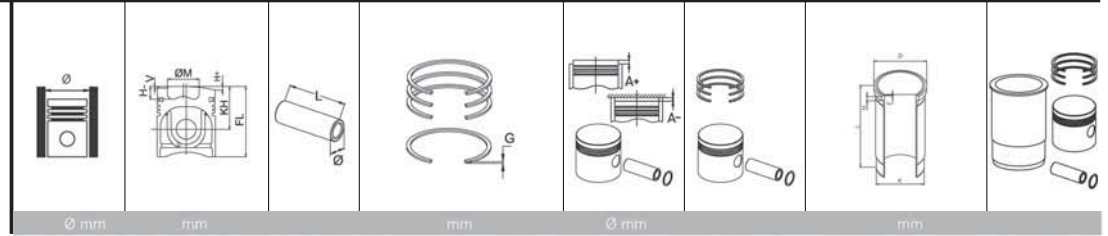
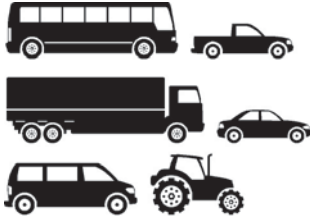
Diesel Engine D 2866 F/FG/FR/OH/UH/UM/E 11967 cm³ 176 kW (239 PS) Vehicle 200,202,240,242 Industrimotor 1984...	6	128.00	89.75 -2.05 -24.40 141.75 MØ=75.60	46.00 105.00	9598 000 3.500T Cr 3.000K 5.000DY Cr	1748 000 128.00 AP Pist. Ç k nt s +0.01 / +0.038	3748 000	5598 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS 2 VI 138x2.1 2 VI 140x4	7748 K,S
Diesel Engine D 2865 LF09-20-21 Euro 2 9972 cm³ 213-250 kW (290 - 340 PS) Vehicle 19,293-19,342-19,343 1994...2000 Diesel Engine D 2866 LF14-16-20-34-35 Euro 2 D 2866 LUH 21-22-26 Euro2 11967 cm³ 191-309 kW (260 - 421 PS) Vehicle 19,364-19,402-19,403-23,314-23,342 -23,343-23,364-23,402-23,403-24,34 2-24,343-24,402-24,403-26,314-26,3 42-26,343-26,402-26,403-27,393-27, 314-27,342-27,343-27,364-27,402-27 ,403-28,314-28,343-28,403-30,343-3 0364-32314-32,42-32,343-32,364-32, 402-32,403-33,342-33,343-33,364-33 ,402-33,403-35,342 1994...	6	128.00	89.75 -2.10 -21.60 141.75 MØ=81.20	46.00 105.00	9598 000 3.500T Cr 3.000K 5.000DY Cr	1597 000 128.000 AP HA Pist. Ç k nt s +0.01 / +0.33	3597 000	5598 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS 2 VI 138x2.1 2 VI 140x4	7597 K,S
								5608 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF CHR 2 VI 138x2.1 2 VI 140x4	7604 K,S

									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine D 2866 LF 23...28/38 Euro3 11967 cm³ 228 - 301 kW (309 - 410 PS) Vehicle F 2000, TG 310, TG 360, TG 410, 19,314, 33,314, 19,364, 41,364, 19,414, 42,414, 18,413 1998..	6	128.00	89.75 -1.90 -22.00 141.75 MØ=80.00 	46.00 105.00	9578 000 4.000T Cr 3.000K 4.000DY Cr	1578 000 128.00 AP Pist. Ç k nt s +0.01 / +0.33	3578 000	5598 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  2 VI 138x2.1 2 VI 140x4	7578 K,S
Diesel Engine D 2866 LFG 07 11967 cm³ 198 - 324 kW (269 - 441 PS) Vehicle Stationary engine, 32,403, 32 T, 25 T	6								
Diesel Engine D 2866 LOH 27/28/29/34/35 Euro3 11967 cm³ 228 - 338 kW (310 - 460 PS) Vehicle 24,310, 24,350, RH 414	6							5608 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF CHR 2 VI 138x2.1 2 VI 140x4	7575 K,S
Diesel Engine D 2866 LUH23/24/25/27/28/30 Euro3 11967 cm³ 191 - 301 kW (260 - 410 PS) Vehicle NL 263, NL 313, NG 262, NG 363 UEL 363, Stationary engine	6								
Diesel Engine D 2876 LF03/04/06/07/08/09/10/11 Euro2 D 2876 LF 14/17 Euro3 D 2876 LOH 02/03/05 Euro2 12817 cm³ 338-390 kW/460-530 PS Vehicle F 2000, TG 460, 18,463, 19,464 23,464, 26,464, 27,464, 28,464 33,464, 35,464, 41,464, 42,464, 50,464, Stationary engine 1998..	6	128.00	79.25 -1.90 -21.74 134.25 MØ=85.05 	50.00 107.00	9578 000 4.000T Cr 3.000K 4.000DY Cr	1579 000 128.00 AP Pist. Ç k nt s +0.01 / +0.33	3579 000	5598 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  2 VI 138x2.1 2 VI 140x4	7579 K,S
								5608 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF CHR 2 VI 138x2.1 2 VI 140x4	7570 K,S



Diesel Engine D 2876 LF 02 Euro 2, D 2876 LOH 01 Euro 2 D 2876 LUH 01/02 Euro 2 12816 cm ³ 294-388 kW /400-460 PS Vehicle F 2000, 19,467 FLS, 19,467 BL 19,463, Stationary engine 1995 ...	6	128.00	79.25 -2.10 -23.10 134.25 MØ=81.20 	50.00 107.00	9578 000 4.000T Cr 3.000K Cr 4.000DY	1577 000 128.00 AP Pist. Ç k nt s +0.01 / +0.33	3577 000	5598 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS 2 VI 138x2.1 2 VI 140x4 5608 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF CHR 2 VI 138x2.1 2 VI 140x4	7577 K,S 7576 K,S
Diesel Engine V Motor D 2558 M, X 090 15450 cm ³ 223.5 kW (304 PS) Vehicle 13.304 DFS, 16.304 FN/FNS/G/N 19.304 DF/DFS/G/N, 22.304, DFSA,25.304, 26.304.30.304 1969...1973	8	128.00						5600 000 K=133.00 L=290.00 H+F=8.00 D=139.00 FF 5600 050 K=133.50 L=290.00 H+F=8.00 D=139.00 FF	
Diesel Engine E 2866 LUH 01 Euro 3 11967 cm ³ 228 Kw (310 PS) Vehicle Series NG 313 08.1996... Series NL 313 07.1998... Series NUE 313 02.1998...	6	128.00	89.20 - -28.00 141.27 MØ=100.50 	46.00 105.00	9574 000 3.500D Cr 3.000TN Cr 4.000DY	1574 000 128.00 AP	3574 000	5598 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS 2 VI 138x2.1 2 VI 140x4	7574 K,S

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine D2848.LE, T Turbo, LLK 14620 cm ³ Vehicle 19.501 Einbaumotor Diesel Engine D 2840.LE 2A, LE 401, T Turbo, LLK 18270 cm ³ 294 kW (400 PS) Vehicle 19.501 Einbaumotor Diesel Engine D 2842.LE 20, LE 21, LXE, MLE, T Turbo, LLK 21930 cm ³ 375-559 kW (510-760 PS) Vehicle 19.501 Einbaumotor Diesel Engine D 2842.LXF Turbo, LLK 21930 cm ³ 735 kW (1000 PS) Vehicle Einbaumotor	8	128.00						5597 000 K=144.45 L=253.00 H+F=10.05+1.00 D=153.80 FF PHS  2 VI 144x4 2 VI 138x2.1	
	10								
	12							5597 050 K=144.45 L=253.00 H+F=10.05+1.00 D=154.30 FF PHS 2 VI 144x4 2 VI 138x2.1	
	12								
Diesel Engine D 2876, .LF 12, Euro 3 R 6 Diesel, 18:1 Turbo, IC, 24 Valves 12817 cm ³ 390 kW (530 PS) Vehicle TGA 530 A, TGA 18.530 2002... Diesel Engine D 2876, .LF 13, Euro 3 R 6 Diesel, 18:1 Turbo, IC, 24 Valves 12817 cm ³ 390 kW (530 PS) Vehicle TGA 530 A, TGA 18.530 2002... Diesel Engine D 2876, .LF 25, Euro 3 R 6 Diesel, 18:1 Turbo, IC, 24 Valves 12817 cm ³ 301 kW (409 PS) Vehicle TGA 410 2000...	6	128.00	79.25 -1.90 -23.75 134.25 MØ=76.16 	52.00 103.00	9578 000 4.000T Cr 3.000K Cr 4.000DY	1570 000 128.00 AP YS	3570 000	5604 000 K=144.50 L=268.00 H+F=8.07 D=153.80 FF 	7770 K,S



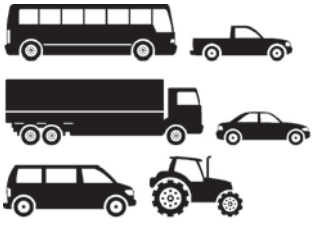
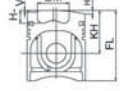
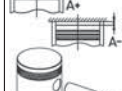
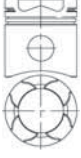
Diesel Engine

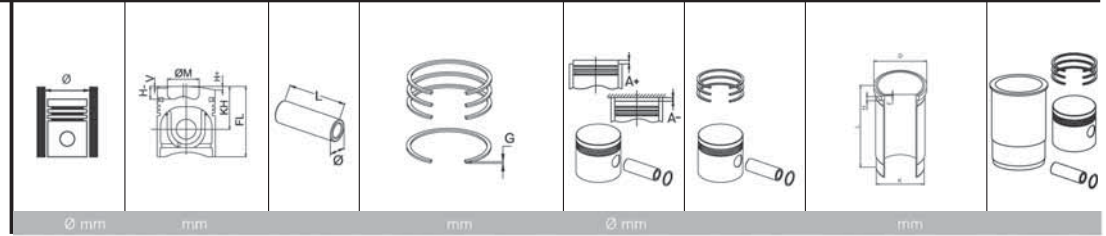
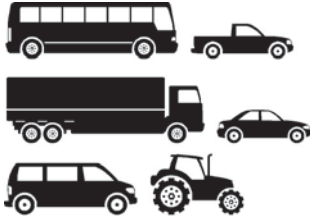
D 2876 LF 05 Euro 3
Charge Intercooling, Diesel Direct
Injection
24 Valves, 17:1
12816 cm³
375 kW (510 PS)

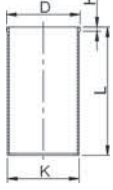
Vehicle

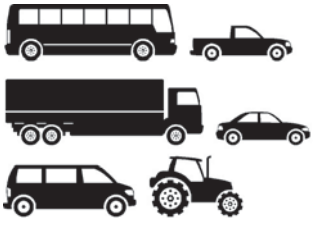
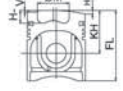
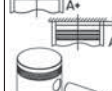
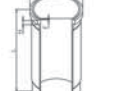
TGA 510
1999...2002
TGA 18.510, TGA 24.510, TGA
26.510,
TGA 28.510, TGA 33.510
2002...2003
TGA 510
2000...2002

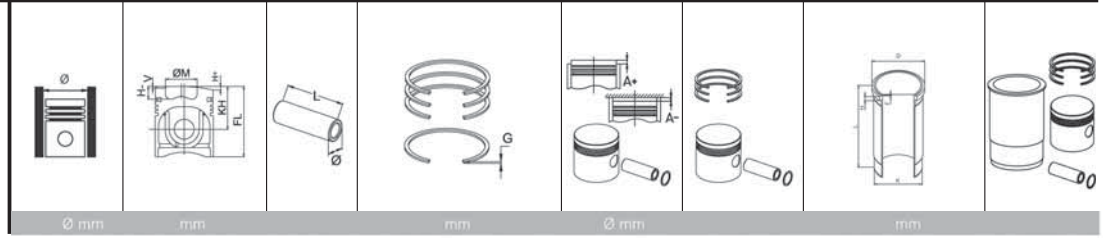
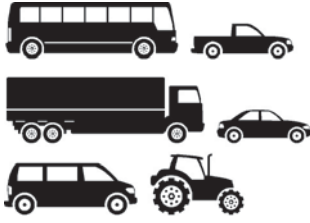
6	128.00	79.25 -1.90 -21.74 134.25 MØ=85.90	50.00 107.00	9578 000 4.000T Cr 3.000K 4.000DY Cr	1568 000 128.00 AP YS	3568 000		
								

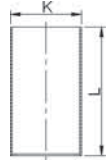
									
		Ø mm	mm		mm	Ø mm		mm	
Diesel Engine D 2866 LF 40 Euro 2, D 2866 LF 41 Euro 2 Charge Intercooling, Diesel Direct Injection 24 Valves 11967 cm ³ 301 kW (409 PS)		6	128.00	89.75 -1.90 -22.80 141.75 MØ=80.00	46.00 105.00	9578 000 4.000T Cr 3.000K 4.000DY Cr	1569 000 128.00 AP Pist. Ç k nt s +0.01 / +0.33	3569 000	
Diesel Engine D 2866 LF 42 Euro 2 Charge Intercooling, Diesel Direct Injection 24 Valves 11967 cm ³ 228 kW (310 PS)		6							
Diesel Engine D 2866 LF 43 Euro 2 Charge Intercooling, Diesel Direct Injection 24 Valves 11967 cm ³ 265 kW (360 PS)		6							
Vehicle ENGINE 1969...									
Diesel Engine D 2866 LF 31 Euro 2 Charge Intercooling, Diesel Direct Injection 24 Valves, 17:1 11967 cm ³ 301 kW (410 PS)		6							
Vehicle ENGINE, Series 19.414, Series 30.414, Series 32.414, Series 35.414, Series 41.414, Series 42.414, Series 50.414 1998... Series 23.414, Series 24.414, Series 27.414, Series 28.414, Series 29.414 1999... Series 40.414, Series 33.414 1997... Series TGA 410 2000...									
Diesel Engine D 2866 LF 32 Euro 2 Charge Intercooling, Diesel Direct Injection 24 Valves, 19:1 11967 cm ³ 301 kW (410 PS)		6							
Vehicle Series TGA 410 2000...2002									
Diesel Engine D 2866 LF 39 Euro 2 Charge Intercooling, Diesel Direct Injection 24 Valves, 19:1 11967 cm ³ 265 kW (360 PS)		6							

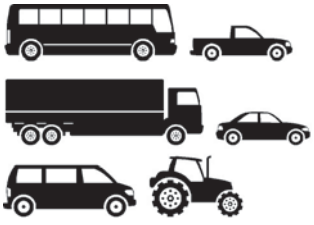
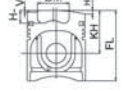
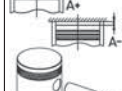
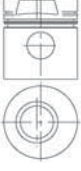
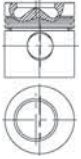


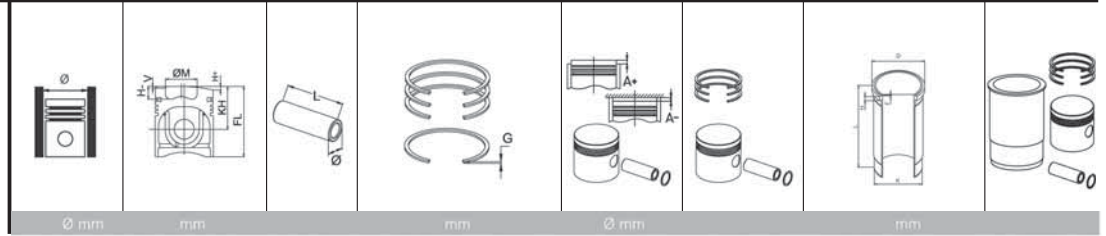
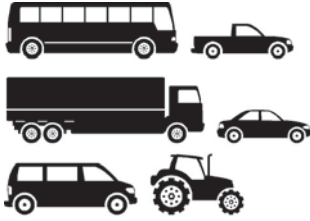
Diesel Engine OM 616.910/912/913/918/930/939/940/ 962/963 2399 cm ³ 38 - 48 - 53 kW (52 - 65 - 72 PS) Vehicle 240 D, 207 D, 307 D, 407 D 507 D, O 309 D, U 600 L U 6000 1978... 1990... MB 100 1987...	4	90.90	48.35 -1.15 -8.85 81.85	26.00 74.00	9633 000 3.000D IW MoP 2.000D IW P 4.000DY CrP	1633 000 90.90 AP Pist. Ç k nt s +0.50 / +0.90	3633 000	5633 000 K=94.06 L=158.40 H+F=4.70 D=96.00 SF 	S
Diesel Engine OM 617.912/913/919/931/932 2998 cm ³ 64.5 - 66 kW (88 - 90 PS) Vehicle 209 D, 309 D, 409 D, 300 D (USA) 1979...1985	5				9633 025 9633 050 9633 070 9633 100	1633 025 91.25 1633 050 91.50 1633 070 91.70 1633 100 91.90	3633 025 3633 050 3633 070 3633 100	5633 050 K=94.50 L=158.40 H+F=6.00 D=96.50 SF	
Diesel Engine OM 314 A 3780 cm ³ 63 kW (85 PS) Vehicle MB Trac 900 Turbo	4	97.00	65.20 - -21.50 105.20 MØ=55.00	36.00 82.50	9622 000 2.500T MoP 2.500K IW MoP 4.000DY CrP	1621 000 97.00 AP Pist. Ç k nt s -0.07 / +0.30	3621 000	5635 000 K=100.49 L=222.00 H+F=5.10 D=103.42 SF 	S
Diesel Engine OM 352 A, OM 353 A 5675 cm ³ 92 - 110 - 123.5 kW (125 - 150 - 168 PS) Vehicle Baureihe 1017,1217,1417,1617, U 1000, -1250,-1300,-1500,-1700 MB Trac 1300/1500	6							5635 050 K=101.05 L=222.00 H+F=6.00 D=103.92 SF	
Diesel Engine OM 362 LA .906/909/910 5675 cm ³ 141 kW (192 PS) Vehicle 1419,1619,2219,1420,1620,2220 1982...1986	6		64.90 - -21.50 104.90 MØ=55.00		9622 050 9622 100	1621 050 97.50 1621 100 98.00	3621 050 3621 100	5735 000 K=101.00 L=222.00 H+F=5.50 D=103.50 SF	S

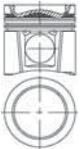
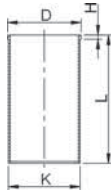
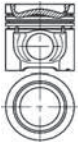
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine OM 352 A, 353.909...914 / 951...954 / 970...972 5675 cm ³ 92 - 110 - 124 - 127 kW (125 - 150 - 168 - 173 PS) Vehicle Baureihe 1017,1217,1417,1617, UZ 150/425 ,U 100/L,-1200/L, -1300/L, -1500/L, -1700/L, MB Trac300/1100/1300/1500 1971...1982 Diesel Engine OM 353 A, 353.953 5675 cm ³ 110 kW (150 PS) Vehicle Baureihe 1413 1964...1970	6	97.00	65.20 -2.20 -20.00 105.20 MØ=55.00	36.00 82.50	9622 000 2.500T MoP 2.500K IW MoP 4.000DY CrP	1622 000 97.00 AP Pist. Ç k nt s -0.07 / +0.30	3622 000	5635 000 K=100.49 L=222.00 H+F=5.10 D=103.42 SF 	S
	6				9622 050	1622 050 97.50	3622 050	5635 050 K=101.05 L=222.00 H+F=6.00 D=103.92 SF	
			64.80 -2.20 -20.00 104.80 MØ=55.00		9622 100	1622 100 98.00	3622 100	5735 000 K=101.00 L=222.00 H+F=5.50 D=103.50 SF	S
			64.60 -2.20 -20.00 104.60 MØ=55.00						
	4	97.50	62.80 - -24.20 107.80 MØ=48.00	36.00 82.50	9640 000 2.500T Mo 2.500K IWU Cr 4.000DY Cr	2714 000 97.50 AP Pist. Ç k nt s -0.07 / +0.30	4714 000	5639 000 K=100.49 L=224.00 SF 	S
	6							5640 000 K=100.49 L=222.00 H+F=4.50 D=103.50 SF 	S
			62.50 - -24.20 107.50 MØ=48.00		9640 050	2714 050 98.00	4714 050	5638 000 K=100.40 L=222.00 H+F=5.10 D=103.50 SF	S

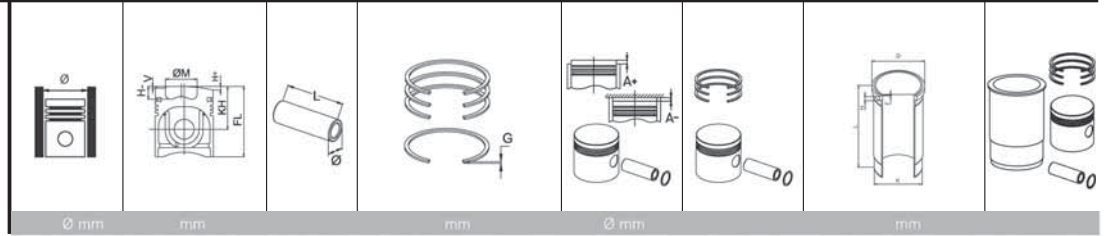
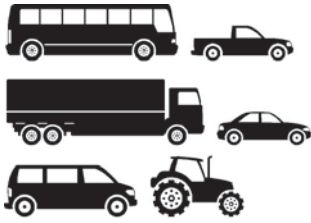


Diesel Engine OM 6364 A, 901/950/952/953/954/980/981 3972 cm ³ 85 kW (115.5 PS) Vehicle Unimog 90/110/140/711/811 1984...	4	97.50	62.80 - -22.35 107.80 MØ=55.80	36.00 82.50	9640 000 2.500T Mo 2.500K IWU Cr 4.000DY Cr	1640 000 97.50 AP	3640 000	5639 000 K=100.49 L=224.00 SF 	S
Diesel Engine OM 356 A-940 3972 cm ³ 129 kW (175 PS) Vehicle 1717 1984...	4							5640 000 K=100.49 L=222.00 H+F=4.50 D=103.50 SF 	S
Diesel Engine OM 364 LA 901/950/952/953/954/980/981 3972 cm ³ 96 kW (130.5 PS) Vehicle Unimog 90/110/140 1984...	4								
Diesel Engine OM 366A, OM 366 LA 5958 cm ³ 125 - 148 - 150 - 157 PS Vehicle CK 1617 1119,1120,1317,1320,1420, 1619,1620,2219,2220,U 1550, U 1750, U 2150 1984...	6		62.80 - -22.35 107.80 MØ=56.00	36.00 82.50	9640 000 2.500T Mo 2.500K IWU Cr 4.000DY Cr	1642 000 97.50 AP Pist. Ç k nt s -0.07 / +0.30	3642 000	5638 000 K=100.40 L=222.00 H+F=5.10 D=103.50 SF	S
					9640 050	1640 050 98.00	3640 050		
					9640 000 2.500T Mo 2.500K IWU Cr 4.000DY Cr	1642 000 97.50 AP Pist. Ç k nt s -0.07 / +0.30	3642 000		
					9640 050	1642 050 98.00	3642 050		

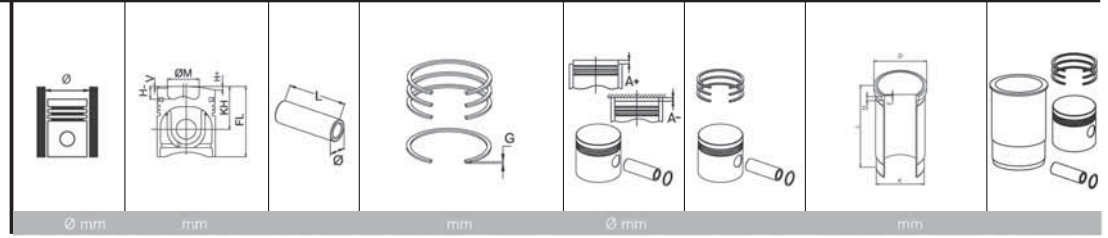
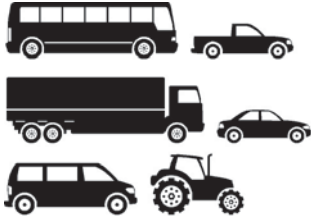
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine OM 364 918...921 Euro 1 3972 cm ³ 63 kW (86 PS) Vehicle 609, 709, 809 1992... Diesel Engine OM 366 356.901...356.905, 356.901...356.911, Euro 1 5958 cm ³ 95 kW (129 PS) Vehicle Unimog U1000, 1114 1992... Diesel Engine OM 366 356.906, 356.913, 356.916 Euro 1 5958 cm ³ 95 - 97 - 100 kW (129 - 132 - 136 PS) Vehicle Einbaumotor Diesel Engine OM 366 356.915 Euro 1 5958 cm ³ 97 kW (132 PS) Vehicle Einbaumotor 1966...	4	97.50	62.80 - -24.00 107.80 MØ=43.40 	36.00 82.50	9640 000 2.500T Mo 2.500K IWU Cr 4.000DY Cr	2734 000 97.50 AP	4734 000	5638 000 K=100.40 L=222.00 H+F=5.10 D=103.50 SF 	S
	6				9640 050	2734 050 98.00	4734 050		
	6		62.50 - -24.00 107.50 MØ=43.40		9640 100	2734 100 98.50	4734 100		
	6								
Diesel Engine OM 366 LA Euro 2 18:1 Charge intercooling 6000 cm ³ 135 kW (184 PS) Vehicle Mercedes-Benz O 371 03.1986... Mercedes Benz OF 1620 PLUS 00.1964... Mercedes Benz OF 1721 , OF 1723	6	97.50	63.00 -22.25 - 108.00 MØ=52.70 	36.00 82.50	9640 000 2.500T Cr 2.500K IWU Cr 4.000DY Cr	1631 000 97.50 AP	3631 000		

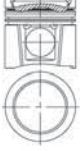
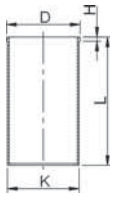
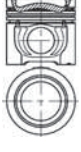


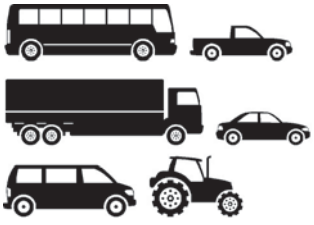
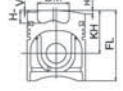
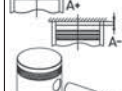
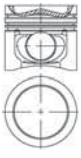
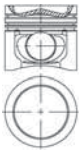
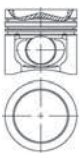
Diesel Engine OM904 LA Euro II, 17:1 Turbo Intercooled 4250 cm³ 90 - 100 - 125 kW (122 - 136 - 170 PS) Vehicle 1117,1317,612,711,811, 812,814,911,917 1996... Diesel Engine OM906 LA Euro II, 17:1 Turbo Intercooled 6374 cm³ 170 - 205 - 228 kW (231 - 279 - 310 PS) Vehicle 1023,1328,1523,1528 ATEGO 1215,1517 AXOR 1823,2523,2528,2628,3028 1996...	4	102.00	64.40 - -13.80 102.50 MØ=73.30 	42.00 80.00	9740 000 3.000T CrP 2.500K IWU CrP 4.000DY CrP	2740 000 102.00 AP Pist. Ç k nt s +0.28 / +0.50	4740 000	5655 000 K=106.12 L=220.00 H+F=6.15 D=109.50 SF 	S	
	6								5655 050 K=106.62 L=220.00 H+F=6.65 D=110.00 SF	
						9740 050	2740 050 102.50	4740 050		
			64.40 - -13.90 101.20 MØ=73.23 	42.00 80.00	9740 000 3.00 T CrP 2.50 K IWU CrP 4.00 DY CrP	2750 000 102.00 AP	4750 000			
					9740 050	2750 050 102.50	4750 050			

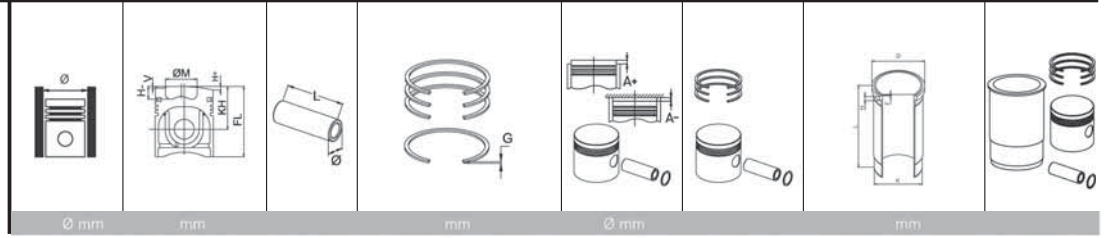
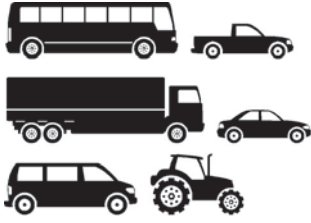


Diesel Engine OM 904 LA 904 Euro 2, 907.960, 907.910 Turbo, IC, 3 valves 17.4:1 4250 cm ³ 75 kW (102 PS) Vehicle Stationary engine 1996...	4	102.00	64.40 - -13.90 102.40 MØ=73.23	40.00 78.00	9740 000 3.000T CrP 2.500K IWU CrP 4.000DY CrP	2742 000 102.00 AP	4742 000	5655 000 K=106.12 L=220.00 H+F=6.15 D=109.50 SF	S
Diesel Engine OM 904 LA, .905, Euro 2, 907.920, 907.970, 909 Euro 2, 915 Euro 2, 944 Euro 2, 950 Euro 2, 961 Euro 2 R 4 Diesel, Turbo, IC, 3 valves 17.4:1 4250 cm ³ 90 kW (122 PS) Vehicle Stationary engine 1996...	4							5655 050 K=106.62 L=220.00 H+F=6.65 D=110.00 SF	S
Diesel Engine OM 904 LA, .906, Euro 2, 907.930, 907.980, 908 Euro 2, 910 Euro 2, 914 Euro 2, 916 Euro 2, 930 Euro 2 R 4 Diesel, Turbo, IC, 3 valves 17.4:1 4250 cm ³ 100 kW (136 PS) Vehicle MERCEDES-BENZ1117, 612, 711, 811, 911, Atego 812, Atego 1317, Atego 814 1996... Atego 1017, 1023, 1215, 1217, 1223, 1228, 1323, 1328, 1517, 1523, 1528, 817, 823, 917, 923 1998...	4				9740 050	2742 050 102.50	4742 050	5655 100 K=107.12 L=220.00 H+F=7.15 D=110.50 SF	S
Diesel Engine OM 904 LA, .907.940 Euro 2, 907.941, 907.990, 907 Euro 2, 911 Euro 2, 917 Euro 2, 929 Euro 2, 949 Euro 2 R 4 Diesel, Turbo, IC, 3 valves 17.4:1 4250 cm ³ 125 kW (170 PS) Vehicle Stationary engine 1996...	4		64.40 - -13.90 101.20 MØ=73.23	40.00 78.00	9740 000 3.000T CrP 2.500K IWU CrP 4.000DY CrP	2749 000 102.00 AP	4749 000		
					9740 050	2749 050 102.50	4749 050		



Diesel Engine OM 906 HLA, .930 Euro 2, 960 Euro 2, 909.920, 909.921, 909.970, 909.971, 911 Euro 2, 916 Euro 2, 921 Euro 2, 923 Euro 2, 926 Euro 2, 928 Euro 2, 941 Euro 2, 955 Euro 2 R 6 Diesel, Turbo, IC, 3 valves 17.4:1 6374 cm ³ 205 kW (279 PS) Vehicle MERCEDES-BENZ1117, 612, 711, 811, 911 Atego 1317, Atego 812, Atego 814 1996... Atego 1017, 1023, 1215, 1217, 1223, 1228, 1323, 1328, 1517, 1523, 1528, 817, 823, 917, 923 1998... Diesel Engine OM 906 HLA .931 Euro 2, 909.910, 909.911, 909.960, 910 Euro 2, 915 Euro 2, 920 Euro 2, 922 Euro 2, 925 Euro 2, 927 Euro 2, 935 Euro 2, 937 Euro 2, 940 Euro 2, 951 Euro 2, 964 Euro 2, 971 Euro 2 R 6 Diesel, Turbo, IC, 3 valves 17.4:1 6374 cm ³ 170 kW (231 PS) Vehicle MERCEDES-BENZ1117, 612, 711, 811, 911, Atego 812, 814 1996... Atego 1017, 1023, 1215, 1217, 1223, 1228, 1323, 1328, 1517, 1523, 1528, 817, 823, 917, 923 1998... Diesel Engine OM 906 LA .934 Euro 2, 956 Euro 2, 970 Euro 2, 974 Euro 2, 976 Euro 2 R 6 Diesel, Turbo, IC, 3 valves 17.4:1 6374 cm ³ 209 kW (280 PS) Vehicle Stationary engine 1996...	6	102.00	64.40 - -13.90 102.40 MØ=73.23 	40.00 78.00	9740 000 3.000T CrP 2.500K IWU CrP 4.000DY CrP	2742 000 102.00 AP	4742 000	5655 000 K=106.12 L=220.00 H+F=6.15 D=109.50 SF 	S
	6				9740 050	2742 050 102.50	4742 050	5655 050 K=106.62 L=220.00 H+F=6.65 D=110.00 SF	S
	6		64.40 - -13.90 101.20 MØ=73.23 	40.00 78.00	9740 000 3.000T CrP 2.500K IWU CrP 4.000DY CrP 9740 050	2749 000 102.00 AP 2749 050 102.50	4749 000 4749 050	5655 100 K=107.12 L=220.00 H+F=7.15 D=110.50 SF	S

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine MBE 924.915 /916 /920 /928 /932 Euro 3 17,4:1 Charge intercooling 4800 cm ³ 160 kW (218 PS)	4	106.00	61.40 - -14.19 98.40 MØ=76.00	42.00 80.00	9754 000 3.000T Cr 2.500K IWU Mo 4.000DY Cr	2756 000 106.00 AP HA YS	4756 000		
	6								
Vehicle U 3000 , U 4000 , U 5000 Atego 1022 / 1222 / 1322 / 1522 / 822 / 922 Series 1423 2001...									
Diesel Engine OM 926.913 / 914 / 915 / 917 / 924 / 929 / 935 / 938 / 940 Euro 3 Charge Intercooling 17.1:1 7201 cm ³ 240 kW (326 PS)									
Vehicle Axor 1833 / 1733 / 2633 Endustriyel engine 2004... Econic 1828 / 2628 Endustriyel engine 03/1998...									
Diesel Engine OM 924.912 Euro 3 Turbo Intercooler 17.4:1 4800 cm ³ 160 kW (218 PS)	4 4	106.00	61.40 - -13.40 98.40 MØ=78.50	42.00 80.00	9754 000 3.000T Cr 2.500K IWU Mo 4.000DY Cr	2755 000 106.00 AP YS	4755 000		
Vehicle Önibus OF1721, 1722 2001...									
Diesel Engine OM 926 Euro 2 / Euro 3 Turbo Intercooler 17.4:1 7201 cm ³ 240 kW (326 PS)	6	106	61.40 - -12.50 98.40 MØ=80.00	42.00 80.00	9754 000 3.000T Cr 2.500K IWU Mo 4.000DY Cr	2754 000 106.00 AP YS	4754 000		
Vehicle Axor 1933 / 2133, Bus O500 2001...									
Diesel Engine OM 924 Euro 2 / Euro 3 Turbo Intrcooler 17.4:1 4800 cm ³ 160 kW (218 PS)	4	106.00							
Vehicle Series 1622, U500, Series 1722 Endustriel engine 2001...									



Diesel Engine

OM 360.911/912/934/938/947/954...
956/959 974/976...978

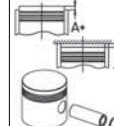
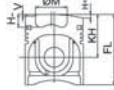
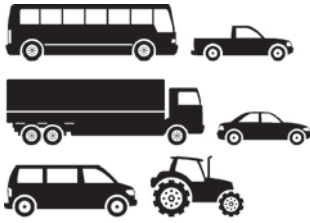
8720 cm³
125 - 141.5 kW (170 - 192 PS)

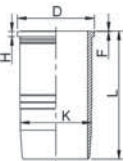
Vehicle

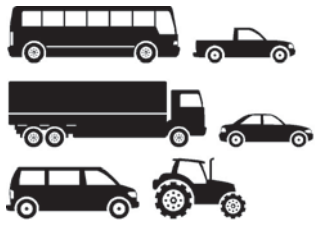
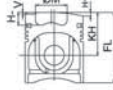
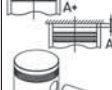
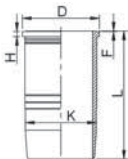
L 1317, LP 1317, LP 1319,
LP 1417, LP 1419, LP 1519,
LP 1619, LP 1817, LP 1819,
O 302, O 305

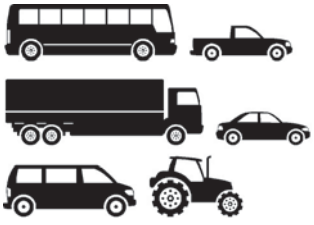
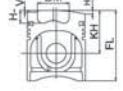
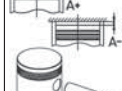
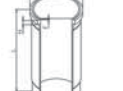
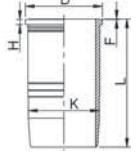
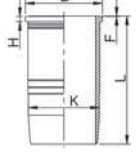
1968...1976

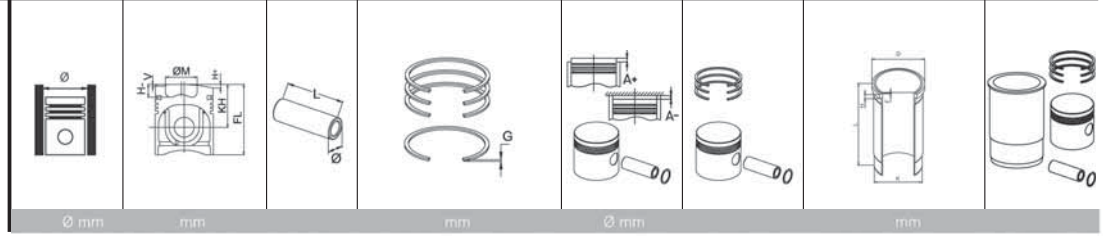
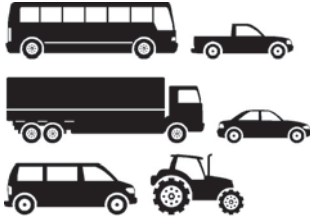
6	115.00	85.30 -0.70 -22.00 133.30 MØ=65.00	42.00 98.00	9641 000 3.500T Mo 3.000D IF Mo 5.500DY Cr	1641 000 115.00 AP Pist. Ç k nt s +0.08 / +0.41	3641 000	5641 000 K=120.06 L=253.50 H+F=6.00 D=124.90 SF 	S
							5641 050 K=120.50 L=253.50 H+F=7.00 D=125.40 SF	S
							5742 000 K=120.07 L=253.50 H+F=5.75 D=125.00 SF	S
							5642 000 K=120.06 L=253.50 H+F=5.50 D=124.90 SF	S
				9641 050	1641 050 115.50	3641 050		
				9641 100	1641 100 116.00	3641 100		



Diesel Engine V Motor OM 401.900/ 905...909/912...916 / 918/919/ 921...923 9570 cm³ 136 - 141.5 kW (185 - 192 PS) Vehicle 1219, 1419, 1619, 1719, O 303 Diesel Engine V Motor OM 402.900/905...907/910...914/916/ 917 /919/921/923/924 12760 cm³ 176.5 - 182 - 188.5 kW (240 - 247 - 256 PS) Vehicle 1424, 1624, 1626, 1926, 2026, 2224, 226, 2620, 2626, O 303 Diesel Engine V-Motor OM403 15950 cm³ 228 - 235.5 kW (310 - 320 PS) Vehicle 1632, 1932, 2032, 2232, O 303 04/1972... Motor Nr.3037...	6	125.00	87.25 - -23.50 137.25 MØ=65.00 	46.00 97.00	9643 000 3.000T 3.000TN 6.000DY	Mo Mo Cr	125.00 AP	1643 000 3643 000	5616 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	7002 K,S	
	8									5644 000 K=144.45 L=253.00 H+F=10.05+1.00 D=153.70 FF PHS 1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	7041 K,S
	10									5617 000 K=139.95 L=253.00 H+F=9.92+1.00 D=151.95 FF PHS 2 VI 138x1.9 2 VI 140x3.8	7040 K,S
										5643 000 K=139.95 L=253.00 H+F=10.07+0.90 D=151.95 FF PHS 2 VI 138x1.9 2 VI 140x3.8	7643 K,S
										5680 000 K=139.95 L=253.00 H+F=10.07+0.90 D=151.95 FF CHR 2VI 138x1.9 2VI 140x3.8	7100 K,S

									
	Ø mm	mm		mm		Ø mm	mm		
Diesel Engine V Motor OM 401.924 10456 cm³ 144 kW (196 PS) Vehicle Series 1019/1219/1419/1619/1719/2219 1973...1982	6	125.00	81.25 - -24.50 126.25 MØ=69.00 	46.00 97.00	9643 000 3.000T Mo 3.000TN Mo 6.000DY Cr	1628 000 125.00 AP Pist. Ç k nt s +0.07 / +0.43	3628 000	5616 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	7039 K,S
Diesel Engine OM 402.901 13941 cm³ 177 - 188 kW (241 - 256 PS) Vehicle Einbaumotor 1966...	8								
Diesel Engine V Motor OM 403.911/933/935 17426 cm³ 261 kW (355 PS) Vehicle Series 1632/1932/2032/2232/2632 1972...1985	10							5644 000 K=144.45 L=253.00 H+F=10.05+1.00 D=153.70 FF PHS 1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	7038 K,S
Diesel Engine V Motor OM 404.901/918 20911 cm³ 294 - 316 kW (400 - 430 PS) Vehicle Einbaumotor 1966...	12							5617 000 K=139.95 L=253.00 H+F=9.92+1.00 D=151.95 FF PHS 2 VI 138x1.9 2 VI 140x3.8	7037 K,S
								5643 000 K=139.95 L=253.00 H+F=10.07+0.90 D=151.95 FF PHS 2 VI 138x1.9 2 VI 140x3.8	7628 K,S
								5680 000 K=139.95 L=253.00 H+F=10.07+0.90 D=151.95 FF CHR 2VI 138x1.9 2VI 140x3.8	7125 K,S

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine OM 407 H 901/911...919 11413 cm ³ 147 - 176.5 kW (200 - 240 PS) Vehicle O 305, O 305 G, O 307 08/1980...1986 Motor Nr.14956	6	125.00	84.85 - -23.00 139.85 MØ=75.00	46.00 97.00	9643 000 3.000T Mo 3.000TN Mo 6.000DY Cr	1629 000 125.00 AP Pist. Ç k nt s +0.07 / +0.43	3629 000	5646 000 K=139.95 L=265.00 H+F=10.07+1.00 D=151.95 FF  2 VI 138x1.9 2 VI 140x3.8	7629 K,S
								5646 050 K=139.95 L=265.00 H+F=10.57+1.00 D=151.95 FF 2 VI 138x1.9 2 VI 140x3.8	
Diesel Engine OM 409 9200 cm ³ 137 - 141 kW (185 - 192 PS) Vehicle 1719, O 305 Bus, O 307 Bus 1973...1976 Diesel Engine OM 407 H 905, OM 407 H 907, OM 407 H 908 OM 407 H 909, OM 407 H 910, OM 407 H 911 11040 cm ³ 155 kW (210 PS) Vehicle 1719, O 305 Bus, O 307 Bus	5	125.00	87.25 - -25.40 137.25 MØ=70.00	46.00 97.00	9643 000 3.000T Mo 3.000TN Mo 6.000DY Cr	1644 000 125.00 AP	3644 000	5646 000 K=139.95 L=265.00 H+F=10.07+1.00 D=151.95 FF  2 VI 138x1.9 2 VI 140x3.8	7644 K,S
	6							5646 050 K=139.95 L=265.00 H+F=10.57+1.00 D=151.95 FF 2 VI 138x1.9 2 VI 140x3.8	



Diesel Engine

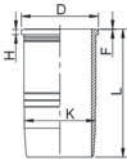
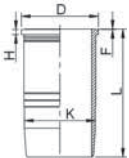
OM 401 LA 970/972...975/
977...981/984...994 Euro 1
9572 cm³
200 - 300 kW (272 - 313 PS)

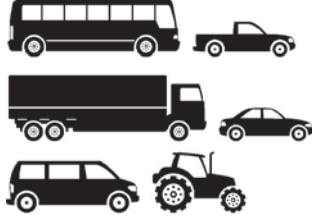
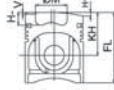
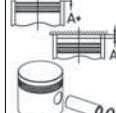
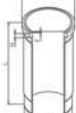
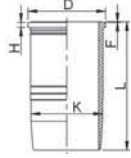
Diesel Engine

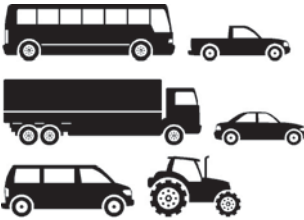
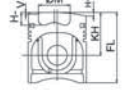
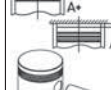
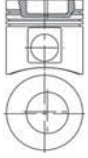
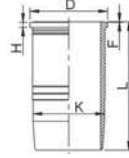
OM 402 LA 970...973/975/977/
978/982...990/995/996 Euro 1
12760 cm³
280 kW (381 PS)

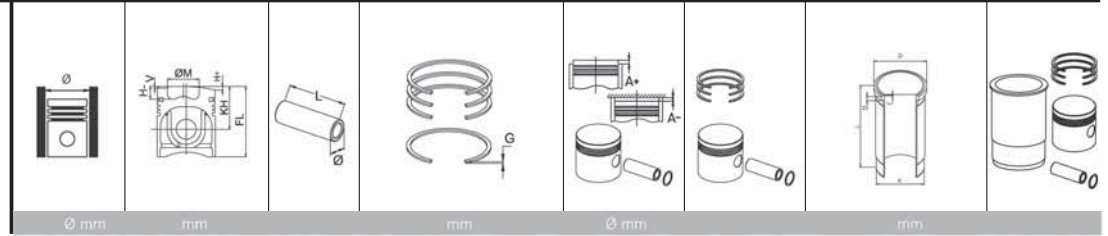
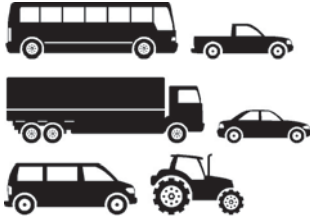
Vehicle

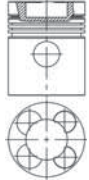
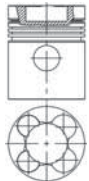
1226, 1227, 1429, 1726, 1727, 1827,
1838, Actros 2635, 2638, O404 Bus
2422, 2427, 2527, Actros 2531

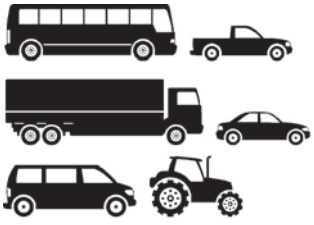
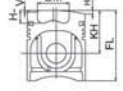
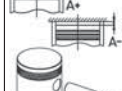
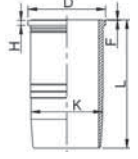
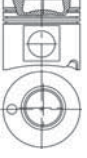
6	125.00	87.35 - -25.00 133.35 MØ=68.30	46.00 102.00	9645 000 3.000T Mo 3.000K IWU Cr 4.000DY CrP	1645 000 125.00 AP HA Pist. Ç k nt s +0.07 / +0.43	3645 000	5616 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	7645 K,S
8							5643 000 K=139.95 L=253.00 H+F=10.07+0.90 D=151.95 FF PHS 2 VI 138x1.9 2 VI 140x3.8	7130 K,S
		87.35 - -25.00 133.35 MØ=68.30	46.00 102.00	9645 000 3.000T Mo 3.000K IWU Cr 4.000DY CrP	2725 000 125.00 AP	4725 000	5616 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	8725 K,S
							5643 000 K=139.95 L=253.00 H+F=10.07+0.90 D=151.95 FF PHS 2 VI 138x1.9 2 VI 140x3.8	8726 K,S

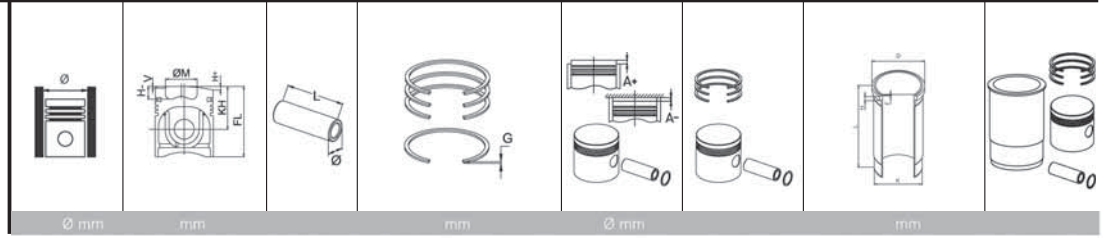
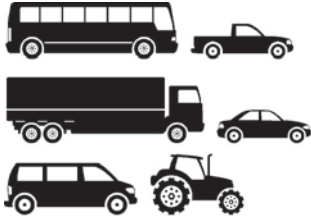
									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine V Motor OM 421.900/901/905/906/908 10965 cm ³ 159 kW (216 PS) Vehicle 1222, 1422, 1622, 1922, 2222, O 303 1979...	6	128.00	81.35 - -24.10 126.35 MØ=70.00 	46.00 99.00	9704 000 3.000T 3.000TN 4.000DY Mo MoP Cr	1650 000 128.00 AP Pist. Ç k nt s -0.07 / +0.43	3650 000	5618 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	7031 K,S
Diesel Engine V Motor OM 422.900/905...915 14618 cm ³ 184 - 206 kW (250 - 280 PS) Vehicle 1625,1628,2028, 2228,2628, O 303 1979...	8							5650 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS 2 VI 144x3.8 2 VI 141x1.9	7650 K,S
Diesel Engine V Motor OM 423.900/905...909 18273 cm ³ 261 kW (355 PS) Vehicle 1636, 1936, 2036, 2235, 2236, 2536, 2636, 3336, 3836 1981...	10							5619 000 K=144.45 L=253.00 H+F=10.42+1.00 D=153.70 FF PHS 2 VI 144x3.8 2 VI 141x1.9	7042 K,S
Diesel Engine V Motor OM 424 21930 cm ³ 309 kW (420 PS) Vehicle 1981... Motor Nr. 007,892	12							5656 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF CHR 1 T 147.4X153.5X0.15 1 VI 141x1.9 2 VI 144x3.8	7033 K,S
								5652 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 2 VI 144x3.8 2 VI 141x1.9	7032 K,S

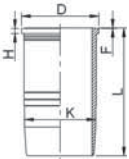
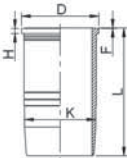
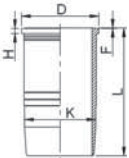
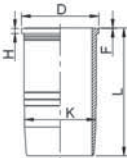
									
	Ø mm	mm		mm		Ø mm		mm	
Diesel Engine V Motor OM 421 A. 901/951 10946 cm ³ 184 kW (250 PS) Vehicle O 303 1985...	6	128.00	81.35 - -25.40 126.35 MØ=70.00 	46.00 105.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2919 000 128.00 AP Pist. Ç k nt s -0.07 / +0.43	4919 000	5618 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	7029 K,S
Diesel Engine V Motor OM 422 A .901/951/952/954/956 /957/958/963 14618 cm ³ 177 - 243 kW (280 - 330 PS) Vehicle 1633, 1635,1933, 2033, 2035, 2233, 2235, 2533, 2633, 2635, 3333, O 303 1979...	8							5650 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS 2 VI 144x3.8 2 VI 141x1.9	8919 K,S
Diesel Engine V Motor OM 422 LA.901/953/955/959 14618 cm ³ 276 - 320 kW (375 - 435 PS) Vehicle 1638,1644,1938,2238,2244, 2638,2644 1980...	8							5619 000 K=144.45 L=253.00 H+F=10.42+1.00 D=153.70 FF PHS 2 VI 144x3.8 2 VI 141x1.9	7043 K,S
Diesel Engine V Motor OM 423 A.901 18273 cm ³ 165 - 301 kW (224 - 409 PS) Diesel Engine V Motor OM 423 LA 901/950 18273 cm ³ 346 - 368 kW (470 - 500 PS) Vehicle 3250,3850,4050,4850, Motor Nr. 535119 Industriemotor 1984...	10							5656 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF CHR 1 T 147.4X153.5X0.15 1 VI 141x1.9 2 VI 144x3.8	7030 K,S
Diesel Engine V Motor OM 424 A.900/901 21927 cm ³ 257 - 441 kW (549 - 615 PS) Vehicle Industiemotor 1981...	12							5652 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 2 VI 144x3.8 2 VI 141x1.9	7147 K,S
Diesel Engine OM 424 LA.901 21927 cm ³ 404 - 452 kW (549 - 615 PS) Vehicle O 303, 1633, 1638, 1933, 1938, 2633, 2638, 3333, Industriemotor 1981...	12								



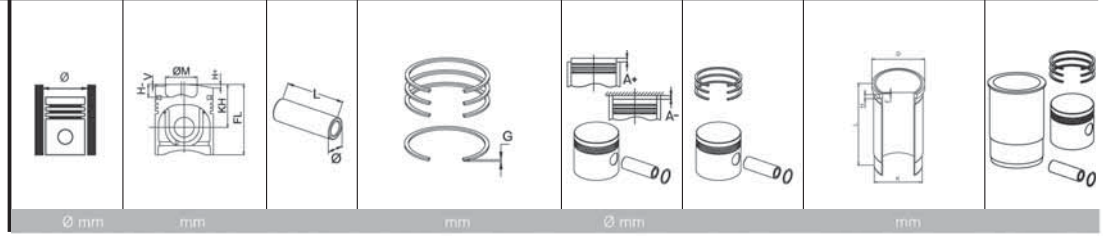
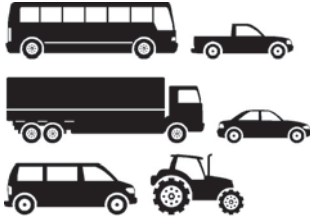
Diesel Engine OM 355.960...967/970/972...983 11581 cm ³ 136 - 176.5 kW (185 - 240 PS) Vehicle LP 1424, LP 1623,/36, LP 1624, LPK 1624, LP 1923, L/LP/ LPK 1924, LP 1924, LP 2224, LP 2623, L 1621, L 1921, O 302, O 317 1967...1978	6	128.00	90.26 -1.10 -27.00 161.26 MØ=70.00 	48.00 108.00	9911 000 3.500T MoP 3.500D IF P 3.500N P 6.500DY CrP	2901 000 128.00 AP Pist. Ç k nt s +0.09 / +0.30	4901 000	5631 000 K=133.49 L=287.50 H+F=5.55 D=137.45 FF 	8901 K,S
								5648 000 K=133.55 L=287.50 H+F=5.55 D=137.45 SF	S
								5648 050 K=134.05 L=287.50 H+F=6.00 D=137.92 SF	S
					9911 050	2901 050 128.50	4901 050	5648 100 K=134.50 L=287.50 H+F=6.00 D=138.42 SF	S
Diesel Engine OM 355 A 11900 cm ³ 206 - 210 kW (280 - 285 PS) Vehicle L 1928, L 2628 Export 1978...	6	128.00	90.26 -2.00 / -2.20 -28.50 161.26 MØ=70.00 	48.00 108.00	9911 000 3.500T MoP 3.500D IF P 3.500N P 6.500DY CrP	2911 000 128.00 AP Pist. Ç k nt s -0.10 / +0.22	4911 000	5631 000 K=133.49 L=287.50 H+F=5.55 D=137.45 FF 	8911 K,S
								5648 000 K=133.55 L=287.50 H+F=5.55 D=137.45 SF	S
					9911 050	2911 050 128.50	4911 050	5648 100 K=134.50 L=287.50 H+F=6.00 D=138.42 SF	S
					9911 100	2911 100 129.00	4911 100		
					9911 150	2911 150 129.50	4911 150		

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine V Motor OM 441 A 950/953 10960 cm ³ 200 kW (272 PS) Vehicle O 303 Bus 1989...1991		6	128.00	81.35 - -27.50 126.35 MØ=66.20	46.00 105.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2704 000 128.00 AP	4704 000	5618 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8
Diesel Engine V Motor OM 441 LA 951/960 OM 441 LA 961/962/980/981/983/985...988 10960 cm ³ 250 kW (340 PS) Vehicle 1234, 1733, 1834, 2433, 2534, 3234 1991...		6							7023 K,S
Diesel Engine OM 442 A 901/941...946/950/952/954...968/971/ 972/976, OM 442 LA 951/953/980/982/983/985/989/992...9 94 14618 cm ³ 320 - 362 kW (435 - 492 PS) Vehicle O 404 Bus 1644, 1748, 1838, 1944, 2038, 2448, 2538, 2638, 3050, 3238, 3544, 3538, 3548, 3553, 4838, 4844, 4853, Actros 1844/1853/2044/2535/2544/2550/255 3/2644/2650/2653/2050		8							5650 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS 2 VI 144x3.8 2 VI 141x1.9 8704 K,S
Diesel Engine OM 443 A 901/940, OM 443 LA 901/980 OM 443 A 901 Euro 1 18260 cm ³ 340 - 412 kW (462 - 560 PS) Vehicle Stationary engine		10							5619 000 K=144.45 L=253.00 H+F=10.42+1.00 D=153.70 FF PHS 7082 K,S
Diesel Engine OM 443 A 901/940, OM 443 LA 901/980 OM 443 A 901 Euro 1 18260 cm ³ 340 - 412 kW (462 - 560 PS) Vehicle Stationary engine		10							5656 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF CHR 1 T 147.4X153.5X0.15 1 VI 141x1.9 2 VI 144x3.8 7025 K,S
Diesel Engine OM 444 A 901, OM 444 LA 901 21920 cm ³ Vehicle Stationary engine		12							5652 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 2 VI 144x3.8 2 VI 141x1.9 7024 K,S



Diesel Engine OM 427 H 11970 cm ³ 147 - 177 kW (200 - 240.5 PS) Vehicle O 405, O 407 1985...1988 Diesel Engine OM 447 h.900/901/905/908 11970 cm ³ 147 - 177 kW (200 - 240.5 PS) Vehicle O 405 1985...	6	128.00	90.00 - -30.00 140.00 MØ=59.90	46.00 99.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2706 000 128.00 AP HA	4706 000	5651 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  1 VI 141x1,9 2 VI 144x3,8	8706 K,S
	6		90.00 - -30.00 140.00 MØ=59.90	46.00 99.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2722 000 128.00 AP	4722 000	5651 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  1 VI 141x1,9 2 VI 144x3,8	8723 K,S
			90.00 - -30.00 140.00 MØ=59.90	46.00 99.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2722 000 128.00 AP	4722 000	5651 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  1 VI 141x1,9 2 VI 144x3,8	8722 K,S
			90.00 - -30.00 140.00 MØ=59.90	46.00 99.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2722 000 128.00 AP	4722 000	5651 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  1 VI 141x1,9 2 VI 144x3,8	8722 K,S

		Ø mm	mm	mm	Ø mm	Ø mm	mm	mm	
Diesel Engine OM 441 A 950 Euro 0, OM 441 A 953 Euro 0 10960 cm³ 200 kW (272 PS) Vehicle Stationary engine 1991...1994	6	128.00	81.45 - -27.50 126.45 MØ=66.50 	46.00 105.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2709 000 128.00 AP YS HA Pist. Ç k nt s +0.17 / +0.53	4709 000	5618 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS 1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	8709 K,S
Diesel Engine OM 441 LA 951/960...962/981...983/985 Euro 0 10960 cm³ 249 kW (340 PS) Vehicle 1234, 1733, 1834, 2433, 2534, 3234 1991... Stationary engine 1992...	6							5650 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS 2 VI 144x3.8 2 VI 141x1.9	7011 K,S
Diesel Engine OM 442 A 941...946/950/952/954...968/971/972/ 976 Euro 0 14618 cm³ 269 kW (366 PS) Vehicle 1635, 1735, 2235, 2435, 3535, 1935, 1634 Actros 2535/2635/3335/3235/2035 O 303 Bus 1991...	8							5619 000 K=144.45 L=253.00 H+F=10.42+1.00 D=153.70 FF PHS	7095 K,S
Diesel Engine OM 442 LA 901/951/953/980/982/983/985/989/99 2...994 Euro 0 14618 cm³ 362 kW (492 PS) Vehicle 1644, 1748, 1838, 1944, 2038, 2244, 2448, 2538, 3050, 3238, 3544, 3548, 3553, 4838, 4844, 4853 Actros 1844/1853/2644/3244/2650/2653/ 2050/2044/2535/2544/2550/2553/263 8 O 404 Bus Stationary engine	8							5656 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF CHR 1 T 147.4X153.5X0.15 1 VI 141x1.9 2 VI 144x3.8	8744 K,S
Diesel Engine OM 443 A 901/940, OM 443 LA 901/980 OM 443 A 901 Euro I 18267 cm³ 340 - 412 kW (462 - 560 PS) Vehicle Stationary engine	10							5652 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 2 VI 144x3.8 2 VI 141x1.9	8745 K,S
Diesel Engine OM 444 A/LA 901 Vehicle Stationary engine	12								

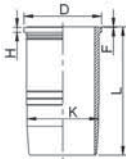


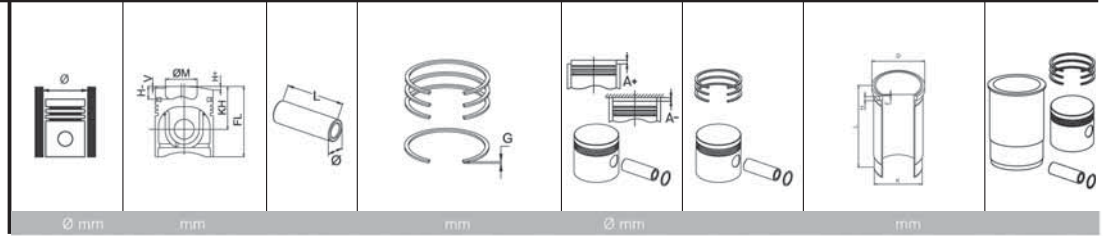
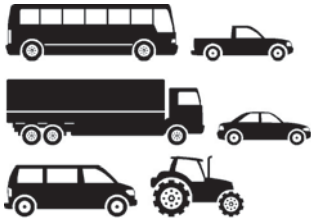
Diesel Engine

OM 440 940 Euro I, OM 440 941 Euro I
OM 440 942 Euro I, OM 440 945 Euro I
OM 440 978 Euro I, OM 440 979 Euro I
14618 cm³
250 kW (340 PS)

Vehicle

1735, 1935, 2435, 2635, 1634, 1834,
1838,
1844, 2038, 2538, 2544, 2638, 2644,
3244,
4150, 1853, 2653, 3544, 4844, 4853
1991...

8	128.00	81.45 - -24.50 126.45 MØ=66.60	46.00 105.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2731 000 128.00 AP	4731 000	5618 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	8739 K,S
							5650 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS 2 VI 144x3.8 2 VI 141x1.9	8740 K,S
							5619 000 K=144.45 L=253.00 H+F=10.42+1.00 D=153.70 FF PHS	7141 K,S
							5656 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF CHR 1 T 147.4X153.5X0.15 1 VI 141x1.9 2 VI 144x3.8	8742 K,S
							5652 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 2 VI 144x3.8 2 VI 141x1.9	8743 K,S



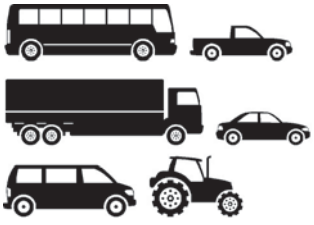
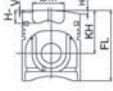
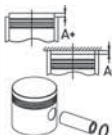
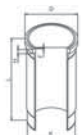
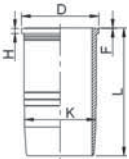
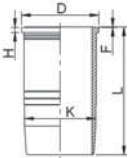
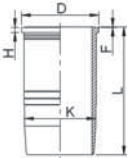
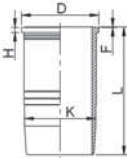
Diesel Engine

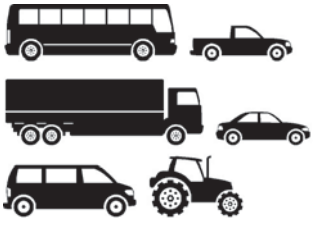
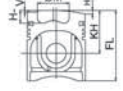
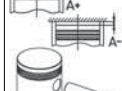
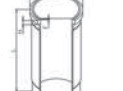
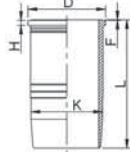
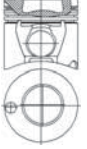
OM 457 LA Euro3
Turbo , Intercooler 24 V
11961 cm³
260 - 315 kW (354 - 428 PS)

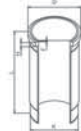
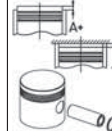
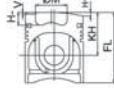
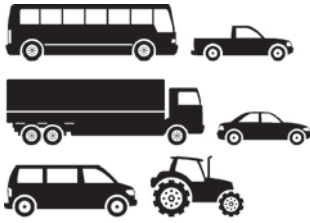
Vehicle

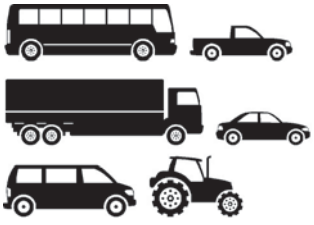
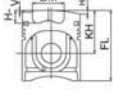
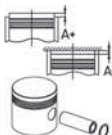
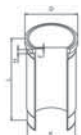
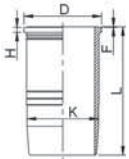
O403, Tourismo 15 RHD, 17 RHD,
Travego 15 SHD
2003...
Axor Çekici 1835 LS, 1840 LS, 1843,
1938
2002...
Axor 1843, 1938, 1944, 2638, 2639,
O 500
1999...

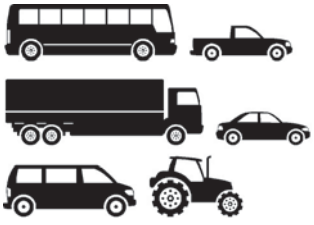
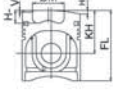
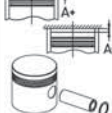
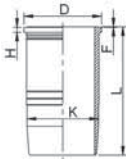
6	128.00	90.05 - -16.00 140.05 MØ=93.00	52.00 103.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2719 000 128.00 AP YS Pist. Ç k nt s +0.22 / +0.71	4719 000	5615 000 K=144.50 L=266.00 H+F=10.12+1.10 D=155.50 FF CHR	8759 K,S
		90.050 -15.85 - 140.050	52.00 103.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2747 000 128 AP YS	4747 000	5628 000 K=144.50 L=266.00 H+F=10.12+1.10 D=155.50 FF	8719 K,S
		90.05 - -16.00 140.05 MØ=93.00	52.00 103.00	9719 000 3.000T IF Ck-St 3.000K IWU Cr 4.000DY Ck	2719 719 128.00 AP YS Pist. Ç k nt s +0.22 / +0.71	4719 719	5615 000 K=144.50 L=266.00 H+F=10.12+1.10 D=155.50 FF CHR	8759 719 K,S

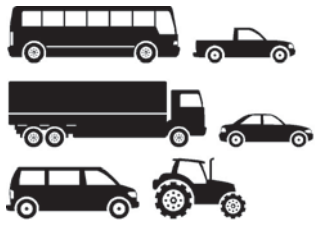
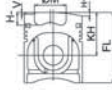
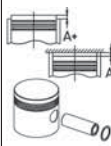
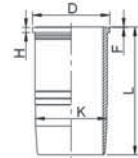
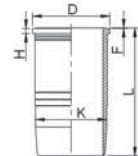
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine OM 447 913, 914, Euro 1 11970 cm ³ 157 kW (214 PS) Vehicle O 405 Bus 11.1991...	6	128.00	90.00 - -25.50 140.00 MØ=62.50	46.00 99.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2727 000 128.00 AP HA	4727 000	5651 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  1 VI 141x1,9 2 VI 144x3,8	8731 K,S
	6	128.00	90.00 - -24.00 140.00 MØ=75.00	46.00 105.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2728 000 128.00 AP HA	4728 000	5651 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  1 VI 141x1,9 2 VI 144x3,8	8733 K,S
	6	128.00	90.00 - -24.00 140.00 MØ=75.00	46.00 105.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2728 000 128.00 AP HA	4728 000	5651 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  1 VI 141x1,9 2 VI 144x3,8	8733 K,S
	6	128.00	90.00 - -24.00 140.00 MØ=75.00	46.00 105.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2728 000 128.00 AP HA	4728 000	5651 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  1 VI 141x1,9 2 VI 144x3,8	8733 K,S

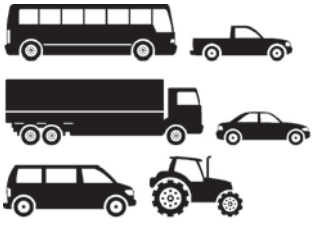
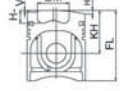
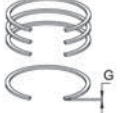
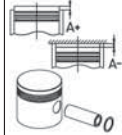
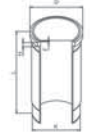
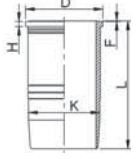
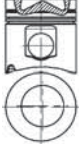
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine OM 441 LA 445.924...933/935...937/ 940/941 Euro 2, V 6 Turbo, LLK 10960 cm ³ 180 - 230 kW (245 - 313 PS) Vehicle 1234, 1733, 1834, 2433, 2534, 3234, (Stationary Engine 1992...) 1991...		6	128.00	81.45 - -24.00 126.45 MØ=72.50	46.00 105.00	9650 000	2733 000 128.00 AP YS Pist. Ç k nt s -0.07 / +0.43	4733 000	5618 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8
Diesel Engine OM 441 LA 445.920...923/934/939 Euro 2, OM 441 LA 901 Euro 2, V 6 Turbo, LLK 10960 cm ³ 250 kW (340 PS) Vehicle 1234, 1733, 1834, 2433, 2534, 3234, (Stationary Engine 1992...) 1991...		6							8734 K,S
Diesel Engine OM 441 LA 446.924-931/934/938 Euro 2, V 8 Turbo, LLK 14618 cm ³ 280 kW (381 PS) Vehicle 1644, 1748, 1944, 2244, 2448, 3548, 1838, 2038, 2538, 3238, 3538, 3544 , 3553, 4838, 4844, 4853, 1750, 3250, 4850, 3253 Actros 1844/2044/2544/2644/2550/2650/324 4/2050/1838/2535/2553/2653/1850/4 150 O 404 Bus, 3050, Actros 1985...		8							5650 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS 2 VI 144x3.8 2 VI 141x1.9 8735 K,S
Diesel Engine OM 441 LA 446.920/922/935/ 936/939-943 Euro 2, 14618 cm ³ 320 - 390 kW (435 - 530 PS) Vehicle 1644, 1748, 1944, 2244, 2448, 3548, 1838, 2038, 2538, 3238, 3538, 3544 , 3553, 4838, 4844, 4853, 1750, 3250, 4850, 3253 Actros 1844/2044/2544/2644/2550/2650/324 4/2050/1838/2535/2553/2653/1850/4 150 O 404 Bus, 3050, Actros 1985...		8							5619 000 K=144.45 L=253.00 H+F=10.42+1.00 D=153.70 FF PHS 8736 K,S
Diesel Engine OM 441 LA 446.920/922/935/ 936/939-943 Euro 2, 14618 cm ³ 320 - 390 kW (435 - 530 PS) Vehicle 1644, 1748, 1944, 2244, 2448, 3548, 1838, 2038, 2538, 3238, 3538, 3544 , 3553, 4838, 4844, 4853, 1750, 3250, 4850, 3253 Actros 1844/2044/2544/2644/2550/2650/324 4/2050/1838/2535/2553/2653/1850/4 150 O 404 Bus, 3050, Actros 1985...		8							5656 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF CHR 1 T 147.4X153.5X0.15 1 VI 141x1.9 2 VI 144x3.8 8737 K,S
Diesel Engine OM 441 LA 446.920/922/935/ 936/939-943 Euro 2, 14618 cm ³ 320 - 390 kW (435 - 530 PS) Vehicle 1644, 1748, 1944, 2244, 2448, 3548, 1838, 2038, 2538, 3238, 3538, 3544 , 3553, 4838, 4844, 4853, 1750, 3250, 4850, 3253 Actros 1844/2044/2544/2644/2550/2650/324 4/2050/1838/2535/2553/2653/1850/4 150 O 404 Bus, 3050, Actros 1985...		8							5652 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 2 VI 144x3.8 2 VI 141x1.9 8738 K,S

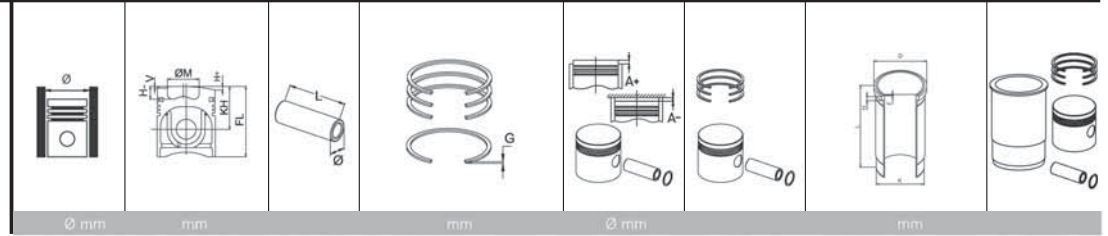
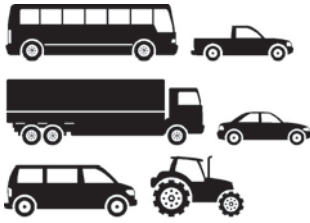
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		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine V Motor OM 441 A 950/953 10960 cm ³ 200 kW (272 PS) Vehicle O 303 Bus 1989...1991 Diesel Engine V Motor OM 441 LA 951/960 OM 441 LA 961/962/980/981/983/985...988 10960 cm ³ 250 kW (340 PS) Vehicle 1234, 1733, 1834, 2433, 2534, 3234 1991... 1991... 1991... Diesel Engine OM 442 A 901/941...946/950/952/954...968/971/ 972/976, OM 442 LA 951/953/980/982/983/985/989/992...9 94 14618 cm ³ 320 - 362 kW (435 - 492 PS) Vehicle O 404 Bus 1644, 1748, 1838, 1944, 2038, 2448, 2538, 2638, 3050, 3238, 3544, 3538, 3548, 3553, 4838, 4844, 4853, Actros 1844/1853/2044/2535/2544/2550/255 3/2644/2650/2653/2050 Diesel Engine OM 443 A 901/940, OM 443 LA 901/980 OM 443 A 901 Euro 1 18260 cm ³ 340 - 412 kW (462 - 560 PS) Vehicle Stationary engine Diesel Engine OM 444 A 901, OM 444 LA 901 21920 cm ³ Vehicle Stationary engine	6	128.00	81.35 - -27.50 126.35 MØ=66.60	46.00 105.00 PDB	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2711 000 128.00 AP HA Pist. Ç k nt s -0.10 / +0.32	4711 000	5618 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	8711 K,S
	6								
	8							5650 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS 2 VI 144x3.8 2 VI 141x1.9	7012 K,S
	10							5619 000 K=144.45 L=253.00 H+F=10.42+1.00 D=153.70 FF PHS	7096 K,S
	12							5656 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF CHR 1 T 147.4X153.5X0.15 1 VI 141x1.9 2 VI 144x3.8	8717 K,S
	12							5652 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 2 VI 144x3.8 2 VI 141x1.9	8712 K,S

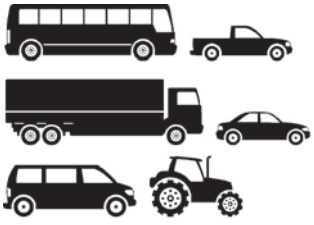
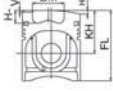
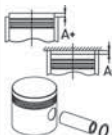
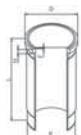
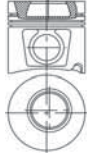
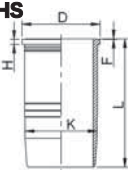
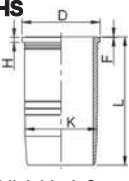
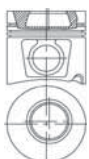
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine V Motor OM 441 A 950/953 10960 cm ³ 200 kW (272 PS) Vehicle O 303 Bus 1989...1991		6	128.00	81.35 - -27.50 126.35 MØ=66.20	46.00 105.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2721 000 128.00 AP HA	4721 000	5618 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS  1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8
Diesel Engine V Motor OM 441 LA 951/960 OM 441 LA 961/962/980/981/983/985...988 10960 cm ³ 250 kW (340 PS) Vehicle 1234, 1733, 1834, 2433, 2534, 3234 1991...		6							7023 K,S
Diesel Engine OM 442 A 901/941...946/950/952/954...968/971/ 972/976, OM 442 LA 951/953/980/982/983/985/989/992...9 94 14618 cm ³ 320 - 362 kW (435 - 492 PS) Vehicle O 404 Bus 1644, 1748, 1838, 1944, 2038, 2448, 2538, 2638, 3050, 3238, 3544, 3538, 3548, 3553, 4838, 4844, 4853, Actros 1844/1853/2044/2535/2544/2550/255 3/2644/2650/2653/2050		8							5650 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS 2 VI 144x3.8 2 VI 141x1.9 8704 K,S
Diesel Engine OM 443 A 901/940, OM 443 LA 901/980 OM 443 A 901 Euro 1 18260 cm ³ 340 - 412 kW (462 - 560 PS) Vehicle Stationary engine		10							5619 000 K=144.45 L=253.00 H+F=10.42+1.00 D=153.70 FF PHS 5656 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF CHR 1 T 147.4X153.5X0.15 1 VI 141x1.9 2 VI 144x3.8 7025 K,S
Diesel Engine OM 444 A 901, OM 444 LA 901 21920 cm ³ Vehicle Stationary engine		12							5652 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 2 VI 144x3.8 2 VI 141x1.9 7024 K,S

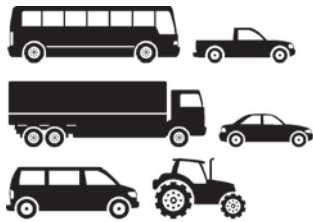
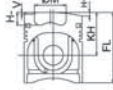
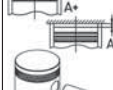
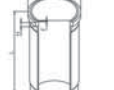
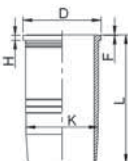
									
		Ø mm	mm		mm	Ø mm		mm	
Diesel Engine MBE 460.900, MBE 460.931 18:1 12816 cm ³ 324 kW (435 PS) Vehicle Engine	6	128.00	79.55 - -17.75 126.55 MØ=93.10 	52.00 103.00 PDB	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	1632 000 128.00 AP YS HA	3632 000	5628 000 K=144.50 L=266.00 H+F=10.12+1.10 D=155.50 FF 	7652 K,S
Diesel Engine MBE 460.901, 460.906, 460.908, 460.909, 460.910, 460.912, 460.915, 460.916, 460.918, 460.922, 460.906, 460.908, 460.909 18:1 12816 cm ³ 261 kW (355 PS) Vehicle Engine	6								
Diesel Engine MBE 460.904, 460.905, 460.911, 460.913, 460.914, 460.921, 460.923, 460.925, 460.929, 460.931, 460.917, 460.905, OM 460.911 Euro 3 18:1 12816 cm ³ 306 kW (416 PS) Vehicle Engine	6								
Diesel Engine MBE 460.907, 460.908, 460.914, 460.917, 460.919, 460.925, OM (USA) Euro 3 460.907, OM 460.911 Euro 3, OM 460.921 Euro 3, OM 460.919 Euro 3, OM 460.925 Euro 3, OM 460.931 Euro 3 18:1 12816 cm ³ 336 kW (460 PS) Vehicle Engine	6								
Diesel Engine OM 447 LA R 6 Diesel, Turbo, IC 16.25:1 11970 cm ³ 294 kW (400 PS) Vehicle Truck: LS1935 /LS1941 Blok: 476.980/476.981/476.983 Diesel Engine OM 449A Vehicle Blok: 475.950/475.951/475.952/475.953/47 5.954 Diesel Engine OM 449LA Vehicle Truck: LS1630 Blok: 475.982/475.997	6	128.00	89.95 - -26.50 140.00 MØ=71,21 	46.00 105.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2744 000 128.00 AP	4744 000	5657 000 K=144.45 L=270.00 H+F=9.92+1.00 D=153.80 FF PHS 	8754
	5								1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8
	5								

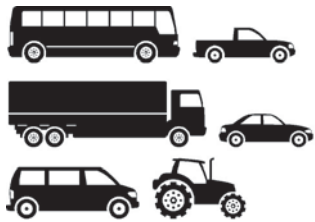
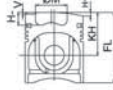
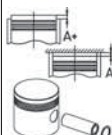
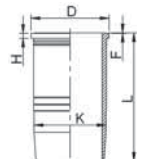
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine OM 447HA/HLA EURO1 24 Valves,16.25:1 11970 cm ³ 300 kW (408 PS) Vehicle O405, O407, O408 Industrial		6	128.00	90.00 - -24.00 140.00 MØ=77.00	46.00 105.00	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2745 000 128.00 AP	4745 000	5651 000 K=144.45 L=270.00 H+F=10.07+1.00 D=153.80 FF PHS  1 VI 141x1,9 2 VI 144x3,8
Diesel Engine OM 476 Euro 2 / OM 476 Euro 2 12 Valves, 16.6:1 11967 cm ³ 264 kW (360 PS) Vehicle Industrial, L 1929, L 1938 (ARGENTINA), L 2629, L 2635, LK 1929, LK 2629, LK 2635, LS 1929, LS 1935, LS 2629, LS-1938, LS-1941, LS-1945, LS-2635, Marítimo, O 371, O 374, O 400		6							
Diesel Engine OM 449 A 10 Valves, 16.25:1 9973 cm ³ 185 kW (252 PS) Vehicle Industrial, L 1625, L 2325, LB 2325, LG 1825, LK 2325, LS 1625, O 371, O 400 R, O 400 UP		5							
Diesel Engine OM 449 LA 10 Valves, 16.25:1 9973 cm ³ 184 kW (250 PS) Vehicle LS 1630, Marítimo, O 400 UP, O 400 UPA, OH 1625 L, OH 1630 L		5							
Diesel Engine OM 449 LA 10 Valves, 17.25:1 9973 cm ³ 221 kW (300 PS) Vehicle LS 1630, Marítimo, O 400 UP, O 400 UPA, OH 1625 L, OH 1630 L		5							

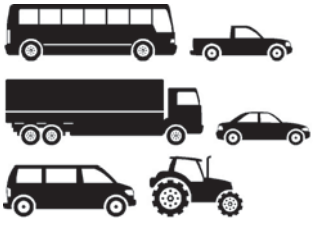
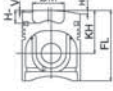
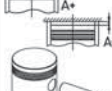
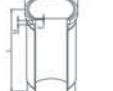
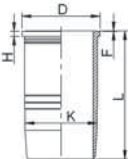


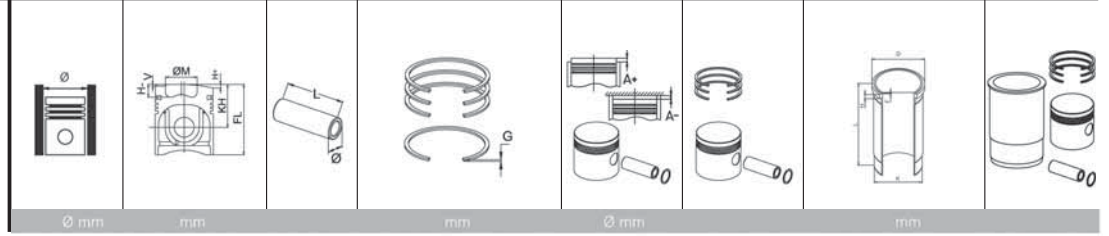
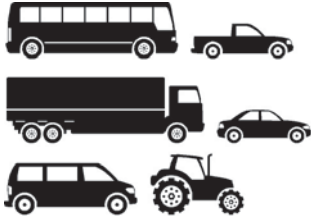
Diesel Engine OM 457 LA EURO 2 17.75:1, Turbo, LLK 11970 cm ³ 185 - 220 - 260 kW (252 - 299 - 354 PS) Vehicle CITARO, O 415, O 530, O 580, 1997...	6	128.00	90.050 -18.00 140.050 	52.00 103.00 	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2748 000 128.00 AP YS	4748 000	5615 000 L=266.00 H+F=10.12+1.10 D=155.50 FF CHR 	8757
			90.05 - -18.00 140.05 MØ=89.50 	52.00 103.00 	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2751 000 128.00 AP YS	4751 000		8755 K,S
			90.05 - -18.00 140.05 MØ=89.50 	52.00 103.00 	9719 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2751 719 128.00 AP YS	4751 719	5615 000 L=266.00 H+F=10.12+1.10 D=155.50 FF CHR 	8755 719 K,S
Diesel Engine OM 441 LA Euro1 980 / 986 / 989 / 993 Turbocharged Intercool 16.75:1 10960 cm ³ 249 kW (340 PS) Vehicle 1234, 1733, 1834, 1844, 1915, 2433, 2534, 3234 O304 1991 - 1996 Diesel Engine 442 A.900 / 941 / 946 / 950 / 952 / 954 / 968 Turbocharged Intercool 16.75:1 14618 cm ³ 269 kW (366 PS) Vehicle 1735, 2435, 2535, 2635, 3335 O303 1991... Diesel Engine OM 443A.901 Turbo 16.75:1 Vehicle Endüstriyel 1991...	6	128.00	81.30 - -24.35 126.35 MØ=66.60 	46 105 	9650 000 3.000T Mo 3.000K IWU Cr 4.000DY Cr	2757 000 128.00 AP HA Pist. Ç k nt s -0.03 / +0.33	4757 000	5652 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 	8762 K,S
	8							2 VI 144x3.8 2 VI 141x1.9	
	10								

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine V Motor OM 441.900/905...909/911...920 / 923...927/932 Motor No:512444... 11309 cm ³ 150 - 165 kW (204 - 225 PS) Vehicle 1622, O 303,122,1722,1922, 2122,2422 1988... Motor Nr.535 1989... Diesel Engine V Motor OM 442.900/905...911/914...930 /932...935/939 Motor No:512444... 15080 cm ³ 206 - 218 kW (280 - 296 PS) Vehicle 1628, 1726, 1729, 1928, 1929, 2228,2429, 3239 O303 1988... Diesel Engine V Motor OM 443.900/905 Motor No:512444... 18848 cm ³ Diesel Engine V Motor OM 444 Motor No:512444... 22618 cm ³	6	130.00	81.35 - -27.20 126.35 MØ=60.80 	46.00 99.00	9708 000 3.000D Mo 3.000K IWU Cr 4.000DY Cr	2708 000 130.00 AP	4708 000	5653 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS  1 VI 141x1.9 2 VI 144x3.8	8708 K,S
	8							5658 000 K=144.45 L=253.00 H+F=9.92+1.00 D=153.70 FF PHS 1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	7018 K,S
	10							5681 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 1 VI 141x1.9 2 VI 144x3.8	8703 K,S
	12							5653 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS  1 VI 141x1.9 2 VI 144x3.8	8729 K,S
			81.35 - -27.20 126.35 MØ=60.80 	46.00 99.00	9708 000 3.000D Mo 3.000K IWU Cr 4.000DY Cr	2729 000 130.00 AP HA Pist. Ç k nt s +0.07 / +0.43	4729 000	5658 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF PHS 1 T 147.4x153.5x0.15 1 VI 141x1.9 2 VI 144x3.8	8730 K,S
								5681 000 K=144.45 L=253.00 H+F=10.06+1.00 D=153.70 FF CHR 1 VI 141x1.9 2 VI 144x3.8	8701 K,S

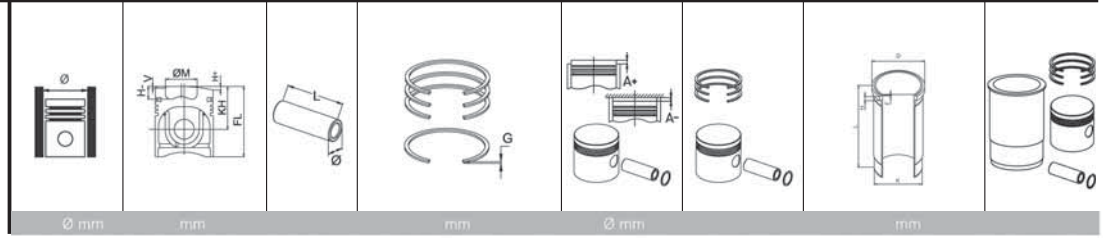
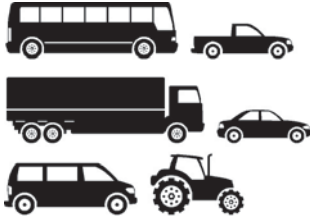
									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine V Motor OM 501 LA Euro 2 Turbo, Intercool 24 Valves 11940 cm ³ 230 - 315 kW (313 - 428 PS) Vehicle 1831, 1835, 1839, 1840, 1843, 2531 2535, 2539, 2543, Actros 06/1996...	6	130.00	78.65 - -18.20 119.55 MØ=88.50 	52.00 103.00	9710 000 3.000T Cr 3.000K IWU Cr 4.000DY Cr	2710 000 130.00 AP YS Pist. Ç k nt s +0.27 / +0.61	4710 000	5674 000 K=150.00 L=258.00 H+F=10.10+1.00 D=164.00 FF PHS  1 T 153,3x163,5x0,15 1 VI 149x158,6x7	8710 K,S
Diesel Engine V Motor OM 502 LA Euro 2 Turbo, Intercool 24 Valves 15920 cm ³ 350 - 390 kW (476 - 530 PS) Vehicle 1848, 1853, 2548, 2553, Actros 06/1996...	8								
Diesel Engine V Motor OM 541 LA Euro 2 Turbo, Intercool 24 Valves 11943 cm ³ 230 - 315 kW (313 - 428 PS) Vehicle 1831, 1835, 1839, 1843, 2531, 2535 2539, 2543, Actros 06/1996...	6							5684 000 K=150.00 L=258.00 H+F=10.10+1.00 D=164.00 FF 1 T 153,3x163,5x0,15 1 VI 149x158,6x7	8747 K,S
Diesel Engine V Motor OM 542 LA 920-92-925 Euro 2 Turbo, Intercool 24 Valves 15928 cm ³ 350 - 390 - 420 kW (476 - 530 - 570 PS) Vehicle 1848, 1853, 1857, 2548, 2553, Actros 06/1996...	8								

									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine OM 542.948 Euro 3 (OM 502 LA) 17.75:1 Turbo Intercooled 15928 cm³ 320-370 kW (435-503 PS) Vehicle Travego (O 580) O580-17 RHD 10/1999...	8	130	78.55 - -16.25 123.55 MØ=92.90 	52.00 103.00 PDB	9710 000 3.000T Cr 3.000K IWU Cr 4.000DY Cr	2732 000 130.00 AP YS Pist. Ç k nt s +0.27 / +0.61	4732 000	5674 000 K=150.00 L=258.00 H+F=10.10+1.00 D=164.00 FF PHS  1 T 153,3x163,5x0,15 1 VI 149x158,6x7	8746 K,S
Diesel Engine OM 521 LA940 Euro2 OM 521 LA940 Euro3 Turbo, LLK 11946 cm³ 315 kW (420 PS) Vehicle Actros 1996...2000/2000...	6	130.00							
Diesel Engine OM 522 LA 940-943,950 Euro 2 Turbo, LLK, 32 Valves 15928 cm³ 362 - 413 - 420 kW (492 - 562 - 571 PS) Vehicle Actros 1996...2000	8							5684 000 K=150.00 L=258.00 H+F=10.10+1.00 D=164.00 FF 1 T 153,3x163,5x0,15 1 VI 149x158,6x7	8732 K,S
Diesel Engine OM 541 LA 920, 926, 940, 941 Euro 2, Turbo, LLK, 24 Valves Motor No:...091058 11946 cm³ 230 kW (313 PS) Vehicle Actros 2032 1831, 1835, 1839, 1843, 2531, 2535, 2539, 2543, 2000...	6								
Diesel Engine OM 541 LA 920-928, 940-947 Euro 3, Turbo, LLK, 24 Valves 11946 cm³ 230 - 260 - 290 - 315 kW (313 - 354 - 394 - 428 PS) Vehicle Actros, Actros 1831/1835/1839/1843/2531/2535/2543 3 2000... Actros 2031/3331 2001....02.2003 Actros 2032 04.2003	6								
Diesel Engine OM 541 LA 921/925/928/946/947 Euro 2, Turbo, LLK, 24 Valves 11946 cm³ 315 kW (428 PS) Vehicle Actros 1843/2543/2643 06.1996...2000 Actros 2043/3243/3244/3343/4143 04.1997...2000	6								

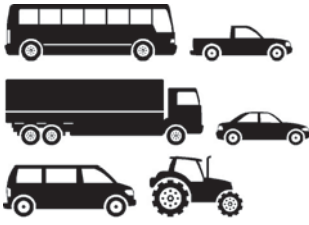
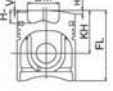
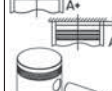
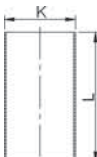
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine OM 541 LA 922/927/942/943 Euro 2, Turbo, LLK, 24 Valves 11946 cm ³ 260 kW (354 PS)		8	130	78.55 - -16.25 123.55 MØ=92.90	52.00 103.00 PDB	9710 000 3.000T Cr 3.000K IWU Cr 4.000DY Cr	2732 000 130.00 AP YS Pist. Ç k nt s +0.27 / +0.61	4732 000	5674 000 K=150.00 L=258.00 H+F=10.10+1.00 D=164.00 FF PHS  1 T 153,3x163,5x0,15 1 VI 149x158,6x7
Vehicle Actros 1835/2035/2535 06.1996...2000 Actros 2036/2635/3235/3335 04.1997...2000		6							8746 K,S
Diesel Engine OM 541 LA 923/924/944/945 Euro 2, Turbo, LLK, 24 Valves 11946 cm ³ 290 kW (394 PS)		6							5684 000 K=150.00 L=258.00 H+F=10.10+1.00 D=164.00 FF 1 T 153,3x163,5x0,15 1 VI 149x158,6x7
Vehicle Actros 1839/1840/2040/2539/2540/2640 06.1996...2000 Actros 3240/3241/3340/4140 04.1997...2000		6							8732 K,S
Diesel Engine OM 541 LA 948/949 Euro 2, Turbo, LLK, 24 Valves 11946 cm ³ 335 - 355 kW (456 - 483 PS)		8							
Vehicle Actros 1848/2048/2648 ...2000 Actros 2548 06.1996...2000 Actros 3248/3348/4148 04.1997...2000		8							
Diesel Engine OM 542 LA 920/926/942/943 Euro 2, Turbo, LLK, 32 Valves 15928 cm ³ 390 kW (530 PS)		8							
Vehicle Actros 1853/2053/2553/2653/3253/3353 06.1996...2000		8							
Diesel Engine OM 542 LA 921/925/940/941 Euro 2, Turbo, LLK, 32 Valves 15928 cm ³ 350 kW (476 PS)		8							
Vehicle Actros 1848/2548/2648 06.1996...2000 Actros 2048/3348/4148 04.1997...2000		8							

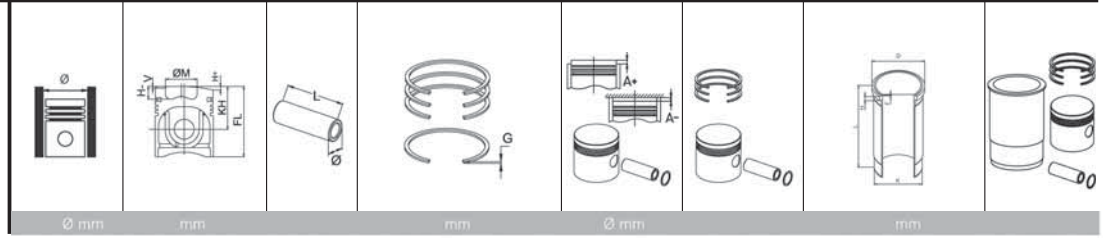
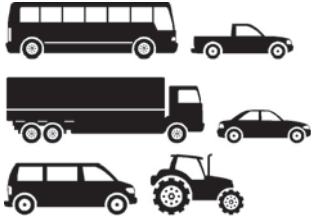


Diesel Engine OM 542 LA 922-924 Euro 2, Turbo, LLK, 32 Valves 15928 cm ³ 420 kW (571 PS) Vehicle Actros 1857 06.1996...2000 Actros 2557/2657/3357 04.1997...2000	8	130	78.55 - -16.25 123.55 MØ=92.90	52.00 103.00 PDB	9710 000 3.000T Cr 3.000K IWU Cr 4.000DY Cr	2732 000 130.00 AP YS Pist. Ç k nt s +0.27 / +0.61	4732 000	5674 000 K=150.00 L=258.00 H+F=10.10+1.00 D=164.00 FF PHS 1 T 153,3x163,5x0,15 1 VI 149x158,6x7	8746 K,S
Diesel Engine OM 941. 910/920/923/924/940/960/970/980/981/990 Euro 2, Turbo, LLK, 24 Valves 11946 cm ³ 230 - 315 kW (313 - 428 PS) Vehicle Actros 1997...2000	6							5684 000 K=150.00 L=258.00 H+F=10.10+1.00 D=164.00 FF 1 T 153,3x163,5x0,15 1 VI 149x158,6x7	8732 K,S
Diesel Engine OM 941. 910/920/921/923-925/929/930/930/940/960/970/980/981/990 Euro 3, Turbo, LLK, 24 Valves 11946 cm ³ 230 - 260 - 315 kW (313 - 354 - 413 PS) Vehicle Actros 2000...	6								
Diesel Engine OM 941. 900/910-912/925/930/960/967/970/980/990 Euro 2, Turbo, LLK, 32 Valves 15928 cm ³ 330 - 448 kW (445 - 609 PS) Vehicle Actros 1997...2000	8								

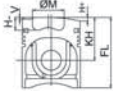
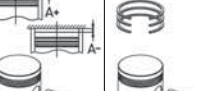


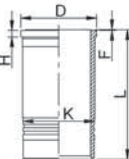
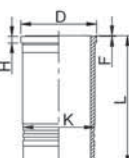
Diesel Engine 4 D 31 OA 69 kW (92 PS) Vehicle FE 444, FE 304	4	100.00						5662 000 K=104.02 L=191.00 SF 	
								5665 000 K=104.05 L=191.00 H+F=6.00 D=105.05 SF 	
								5665 050 K=104.50 L=191.00 H+F=6.00 D=105.50 SF	
Diesel Engine 4 D 34 OA 82 kW (110 PS) Vehicle FE 449	4	104.00	62.20 - -20.40 112.20 MØ=54.50 	34.00 84.00	9438 000 3.000T CrP 2.000K IW CrP 4.000DY CrP	2438 000 104.00 AP Pist. Ç k nt s +0.49 / +0.65	4438 000	5663 000 K=108.03 L=198.00 SF 	S
								5667 000 K=108.05 L=198.00 H+F=6.00 D=109.05 SF 	S
								5667 050 K=108.50 L=198.00 H+F=6.00 D=109.50 SF	

										
			Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 4 D 34 OA 3907 cm ³ Vehicle 659 Canter			4	104.00	62.20 - -20.00 112.20 MØ=52.00	34.00 84.00	9438 000 3.000T CrP 2.000K IW CrP 4.000DY CrP	2440 000 104.00 AP Pist. Ç k nt s +0.60 / +0.70	4440 000	
Diesel Engine 4D34 2AT4 ATA Euro II, Turbo 3908 cm ³ 100 kW (136 PS) Vehicle FE859E, 659 Canter, Prestij TDi			4	104.00	62.20 - -23.00 112.20 MØ=49.00	36.00 88.00	9438 000 3.000T CrP 2.000K IW CrP 4.000DY CrP	2448 000 104.00 AP YS Pist. Ç k nt s +0.60 / +0.70	4448 000	
Diesel Engine 4 D 32-2A 3567 cm ³ 69 Kw (94 PS) Vehicle Canter FE 515, Canter FE 635 2000....			4	104.00					5620 000 K=108.01 L=191.00 SF	
Diesel Engine 4 D 32-2A 3567 cm ³ 69 kW (94 PS) Vehicle Canter FE 515, Canter FE 635 2000...			4	104.00	60.73 - -18.90 110.73 MØ=52.00	24.00 84.00	9438 000 3.000T CrP 2.000K IW P 4.000DY CrP	2374 000 104.00 AP	4374 000	
							9438 050	2374 050 104.50	4374 050	
Diesel Engine 4 D 32-2A 3567 cm ³ 69 kW (94 PS) Vehicle CANTER FE 515, CANTER FE 635 2000...			4	104.00	60.73 - -18.90 110.73 MØ=52.00	34.00 84.00	9438 000 3.000T CrP 2.000K IW CrP 4.000DY CrP	1656 000 104.00 AP	3656 000	5620 000 K=108.01 L=191.00 SF
										

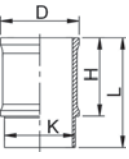


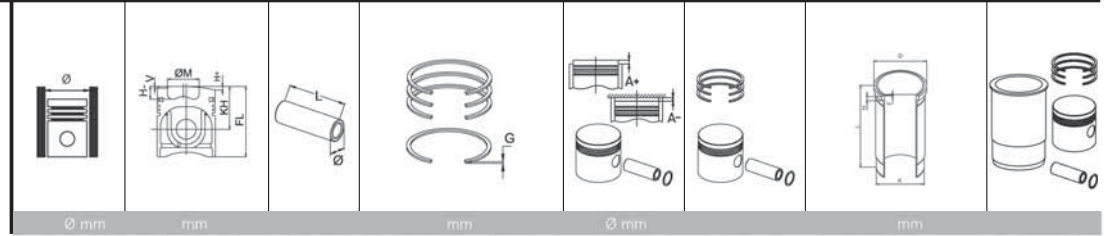
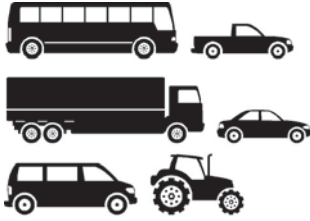
Diesel Engine 6 D 14 ME 032216/98 ME 032531, ME032619/21 6557 cm ³ Vehicle 6600 Bus, Cirane Truck, Fire Engine 1974...1981	6	110.00						5675 000 K=121.95 L=205.50 H+F=10.03+1.60 D=130.60 FF 	
Diesel Engine 6DB 10 A/6 DB 10 T 8553 cm ³ 84.5 - 111.5 - 120 kW (115 - 152 - 163 PS)	6	110.00						5659 000 K=124.95 L=270.00 H+F=11.80 D=134.50 FF 	
Diesel Engine 6D16 7545 cm ³ (185 PS) Vehicle FK417, FK457 F 1992...2000	6	118.00						5686 000 K=122.00 L=204.50 H+F=8.00 D=128.00 FF PHS 	
Diesel Engine 6 D 22 A 11149 cm ³ (225 PS) Vehicle MD 118/218/518, FP 318 ,FP 318 FN328/428/F318/41	6	130.00	83.10 -0.50 / -1.40 -26.30 158.20 MØ=68.50 	50.00 105.50	9663 000 3.500T CrP 3.000K IF CrP 4.000DY CrP	1663 000 130.00 AP	3663 000	5669 000 K=146.95 L=263.00 H+F=11.52+1.70 D=155.50 FF 	7663 K,S

							
	Ø mm	mm	mm	mm	Ø mm	mm	mm

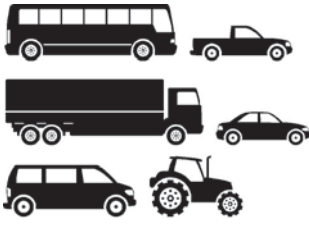
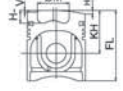
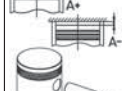
Diesel Engine 8 DC 9 16031 cm ³ Vehicle Prenses MS 715	8 135.00					5672 000 K=154.00 L=260.00 H+F=11.85+1.60 D=162.50 FF PHS 	
Diesel Engine 8 DC 8 14886 cm ³ Vehicle Maraton MS 713	8 135.00					5666 000 K=154.00 L=230.00 H+F=11.85+1.60 D=162.50 FF PHS 	

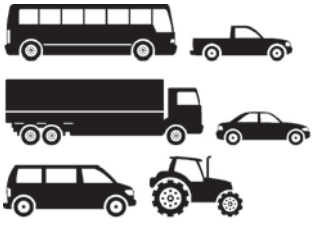
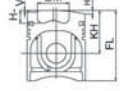
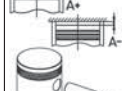
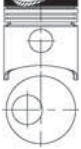
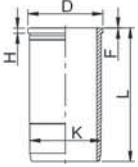
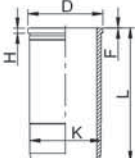
MOSKVITCH

Diesel Engine 1.5L 1478 cm ³ 59 kW (80 PS) Vehicle Tip 2140 1974... Tip 412 1969...	4 82.00					5540 000 K=88.95 L=140.00 H+F=99.95 D=98.75 FF 	
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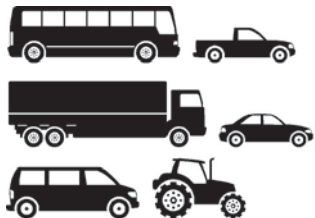
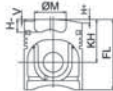
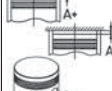
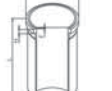
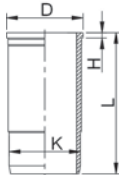
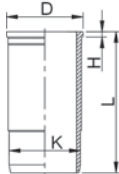


Diesel Engine D 987 LKS 567 cm ³	1	85.00	60.00 - -16.20 92.00 MØ=48.00 	26.00 68.00	9671 000 3.000T CrP 3.000TN P 5.000DY CrP	1671 000 85.00	3671 000	
					9671 050	1671 050 85.50	3671 050	
					9671 100	1671 100 86.00	3671 100	
Diesel Engine D-987 LKS-R 567 cm ³	4	85.00	60.00 - -16.20 92.00 MØ=43.50 	26.00 68.00	9672 000 3.000T Cr 3.000TN P 5.000DY Cr	1672 000 85.00	3672 000	
					9672 050	1672 050 85.50	3672 050	
					9672 100	1672 100 86.00	3672 100	
Diesel Engine 4.07 TCA, Air Cooled 2799 cm ³ 92 - 96 kW (125 - 131 PS) Vehicle LT 35 10/1999...	4	93.00					5685 000 K=96.00 L=183.00 H+F=6.00+1.05 D=102.50 	

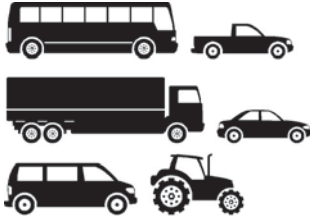
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine D 225 1700 cm ³ 25,5 kW (33 PS)	1	95.00	59.80 - -17.50 112.80 MØ=57.50	32.00 82.00	9670 000 3.000TT CrP 3.000D IF P 3.000N 5.000DY CrP	1681 000 95.00	3681 000		
	3								
	4								
	6				9670 050	1681 050 95.50	3681 050		
Diesel Engine D 372-2 1885 cm ³ 24.5 kW (33.5 PS)	2	95.00	59.80 - -17.50 112.80 MØ=57.50	32.00 82.00	9670 000 3.000TT CrP 3.000D IF P 3.000N 5.000DY CrP	1670 000 95.00	3670 000		
	3								
	4								
	6				9670 050	1670 050 95.50	3670 050		
Diesel Engine D-327-2,2 1885 cm ³	2	100.00	60.40 - -19.20 113.40 MØ=56.00	35.00 82.00	9673 000 3.000T CrP 2.000K P 2.000TN P 4.000DY CrP	1675 000 100.00	3675 000		
	3								
	4				9673 050	1675 050 100.50	3675 050		
	6								

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine D225 AGRICOLA (TC = 18,0 :1) 2800 cm ³ Diesel Engine D225 AGRICOLA (TC = 18,0 :1) 3800 cm ³ Diesel Engine D225 AGRICOLA (TC = 18,0 :1) 5600 cm ³	3	100.00	59.800 - 17.50 112.800	32.00 82.00	9673 000 3.000T 2.000K 2.000TN 4.000DY Cr-P P P Cr-P	2816 000 100.00	4816 000		
	4								
	6								
Diesel Engine D 227-2.2 1885 cm ³ Vehicle Traktor Diesel Engine D 227-3.2 2827 cm ³ Vehicle Traktor Diesel Engine D 227-4.2 3370 cm ³ Vehicle Traktor Diesel Engine D 227-6.2 5655 cm ³ Vehicle Traktor 1977...	2	100.00	59.80 - 19.00 112.80 MØ=56.00	32.00 82.00	9673 000 3.000T 2.000K 2.000TN 4.000DY CrP P P CrP	1673 000 100.00	3673 000	5673 000 K=112.92 L=212.00 H+F=8.05+0.45 D=119.06 FF  2 R 112x4	7673
	3								
	4								
	6								
Diesel Engine D 327-2.2 1885 cm ³ Vehicle Traktor Diesel Engine D 327-3.2 2827 cm ³ Vehicle Traktor Diesel Engine D 327-4.2 3370 cm ³ Vehicle Traktor Diesel Engine D 327-6.2 5655 cm ³ Vehicle Traktor 1977...	2	100.00	60.40 - 19.20 102.40 MØ=56.00	35.00 82.00	9673 000 3.000T 2.000K 2.000TN 4.000DY CrP P P CrP	1674 000 100.00	3674 000	5673 000 K=112.92 L=212.00 H+F=8.05+0.45 D=119.06 FF  2 R 112x4	7674
	3								
	4								
	6								
					9673 050	1674 050 100.50	3674 050		

Ø mm		mm	mm	mm	Ø mm	mm	mm	mm	mm
Diesel Engine D229/6 TC=16,6:1 2900 cm ³ Vehicle CAMINHÃO F11000/F12000 / F13000/F19000/FT7000/ F21000/F22000/F7000 87cv F4000/ 1985... EM DIANTE CAMINHÃO CARGO C111- 3/1313/1317	3	102.00	60.40 - -21.20 102.40 MØ=54.00 	32.00 82.00	9599 000 3.000T Cr 2.500K IWU CrP 4.000DY CrP	2817 000 102.00 AP	4817 000	5683 000 K=113.00 L=213.00 H+F=8.00+1.00 D=119.00 FF 	8817 K.S
Diesel Engine D229/6 TC=16,6:1 3900 cm ³ Vehicle CAMINHÃO F11000/F12000 / F13000/F19000/FT7000/ F21000/F22000/F7000 87cv F4000/ 1985... EM DIANTE CAMINHÃO CARGO C111- 3/1313/1317	4								
Diesel Engine D229/6 TC=16,6:1 5882 cm ³ Vehicle CAMINHÃO F11000/F12000 / F13000/F19000/FT7000/ F21000/F22000/F7000 87cv F4000/ 1985... EM DIANTE CAMINHÃO CARGO C111- 3/1313/1317	6								
Diesel Engine TD 229 Turbo 3920 cm ³ Vehicle Stationary engine 1950... Diesel Engine TD 229 Turbo 5880 cm ³ Vehicle Stationary engine 1950...	4	102.00	60.400 - -19.30 102.40 MØ58.30 	35.00 88.00	9740 000 3.000T CrP 2.500K IWU CrP 4.000DY CrP	2821 000 102.00 AP	4821 000	5683 000 K=113.00 L=213.00 H+F=8.00+1.00 D=119.00 FF 	8821 K.S
	6								

									
	Ø mm	mm		mm		Ø mm		mm	
Diesel Engine Euro II 6.10TCA 240CV 18.0:1 177 kW (241 PS) Vehicle Modelo 17240 Protheus	6	103.00	64.50 - -24.00 100.50 	38.00 88.00	9818 000 3.00 T IW NtP 2.50 K 4.00 DY Cr	2819 000 103.00 AP	4819 000	5696 000 K=114.00 L=213.00 H+F=8.05+1.00 D=123.50 FF PHS 	8819 K,S
Diesel Engine 4.10 T 15,8:1 Turbo charged Diesel direct injection 99 kW (135 PS) Vehicle Agrale 7500 Ford F 12000 Ford F 14000 Ford F 4000 MWM Engine 00/1954... Volkswagen 12.140 / 14.150 / 7.100 / 8.140 / 8.150	4	103.00	64.500 - -24.50 103.200 	38.00 87.00	9818 000 3.000T IW NtP 2.500K P 4.000DY Cr	2818 000 103.00 AP	4818 000	5696 000 K=114.00 L=213.00 H+F=8.05+1.00 D=123.50 FF PHS 	8818 K,S
Diesel Engine 4.10 TCA 16,3:1 Turbo charged Diesel direct injection 79 kW (107 PS) Vehicle Ford F 12000 Ford F 14000 Ford F 4000 MWM Engine 00/1954... Volkswagen 14.150 / 7.100 / 8.120	4								
Diesel Engine BCQ, Charge Intercooling, Common Rail, 12 Valves, 17.8:1 116 kW (158 PS) Vehicle LT 35 TDI, LT 28 TDI 05/2002...07/2006	4	104.00	56.15 - -18.50 87.20 MØ=47.10 	35.00 77.00	9674 000 2.500T Cr 2.000K P 3.000DY Cr	2972 000 93.00 AP	4972 000		

		Ø mm	mm		mm	Ø mm		mm	
Diesel Engine AUH, Charge Intercooling, Common Rail, 12 Valves, 17.8:1 2798 cm³ 116 kW (160 PS) Vehicle LT 28 TDI 02/2002...07/2006	4	104.00	56.20 -1.5/-1.5 -20.70 86.20 MØ=43.00 	35.00 74.00	9674 000 2.500T Cr 2.000K P 3.000DY Cr	2971 000 93.00	4971 000		
Diesel Engine D 226 Z 2080 cm³ 27-30 kW (37-40 PS) Diesel Engine D 226 D 3210 cm³ 44-48 kW (60-65 PS) Diesel Engine D 226 V, TD 226 4 4160 cm³ 59-64 kW (80-87 PS) Vehicle Tractor 851/-4 Diesel Engine D 226 S, TD 226 6 6240 cm³ 74-96 kW (100-131 PS) Vehicle Tractor 951 1971...	2	105.00					5676 000 K=108.05 L=214.50 H+F=6.05 D=111.80 FF 		
	3								
	4								
	6								
Diesel Engine Motor 4.12 TCAE Action Euro 3 4800 cm³ 133 kW (180 PS) Vehicle VWC-Delivery VOLKSWAGEN BUS:15-180 EOD 2002... VWC-Delivery VOLKSWAGEN BUS:8-150 EOD VOLKSWAGEN BUS:9-150 EOD 2004...	4	105.00	60.50 - -19.76 96.50 	38.00 88.00	9677 000 3.000T IF CrPSt 2.500K Cr 3.500DY	2820 000 105.00 AP	4820 000	5697 000 K=114.00 L=208.00 H+F=8.05+1.00 D=124.00 FF PHS 	8820 K,S



Ø mm	mm	mm	mm	Ø mm	mm	mm	mm

Diesel Engine

4.12 TCAE
17,0:1

4800 cm³

Vehicle

(VW8.150, VW13/150,Agrale, Volvo VM24), Caminhões
14.180/15180 Arthemis, 13- /15/180,
26260, 17/23260,
15.190, MA12 180 (CV), Volvo VM26.

4	105.00	60.50 - -19.77 96.50 MØ=61.20	38.00 88.00	9677 000 3.000T IF CrPSt 2.500K 3.500DY Cr	2822 000 105.00 AP	9677 000		
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Diesel Engine

4.12 TCE

4800 cm³

Vehicle

4.12 - VOLVO VM21

Diesel Engine

6.12 TCE

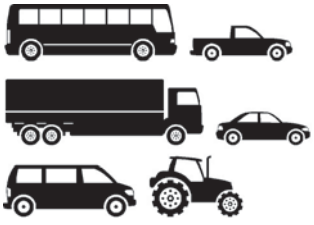
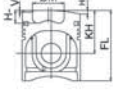
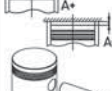
7200 cm³

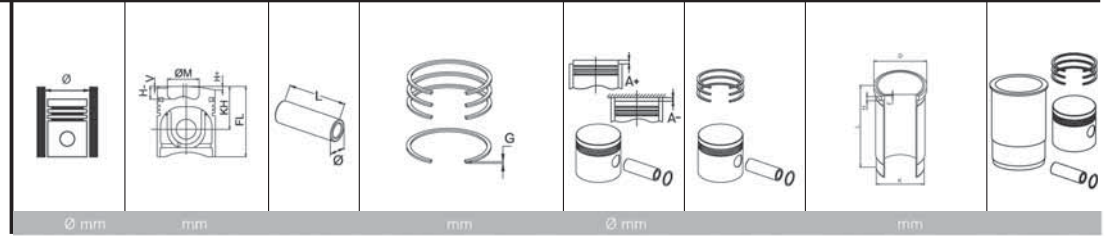
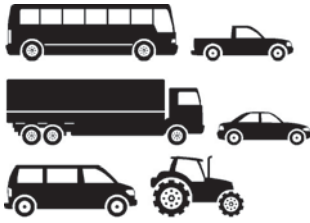
Vehicle

6.12 - VOLVO VM31

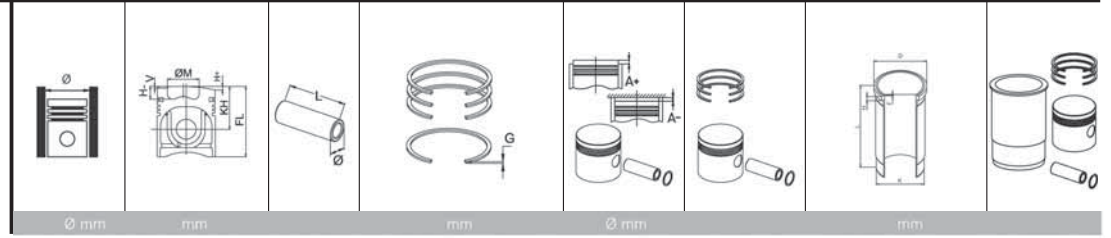
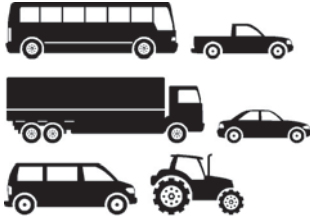
4	105.00	60.500 - -19.77 96.5 MØ=61.10	38.00 88.00	9677 000 3.000T IF CrPSt 2.500K 3.500DY Cr	2823 000 105.00 AP HA YS	4823 000		
6								



									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine DT 466 PLN, Direct Injection 7636 cm ³ 220 kW (300 PS) Vehicle International CXT, 7300, 7400, 7500 , 4300, 4400, 1984...1995 IC Corporation FE 300, RE 300, CE 300 1984...1995		6	109.23	81.50 -1.30/-1.50 -23.00 127.90 MØ=62.20 	46.30 88.60	9211 000 3.175T 3.175TK 4.000DY Mo P CrP	1220 000 109.23 AP	3220 000	
Diesel Engine DT 466 E, Direct Injection Hydraulically-actuated Electronically-controlled Unit Injection 7636 cm ³ 220 kW (300 PS) Vehicle International CXT, 7300, 7400, 7500 , 4300, 4400 1994...2004 IC Corporation FE 300, RE 300, CE 300 1994...2004		6	109.23	81.50 -1.10/-1.60 -23.00 127.90 MØ=62.20 	46.30 88.60	9200 000 3.175T 3.000K IFU 4.000DY Mo P CrP	1221 000 109.23 AP	3221 000	
Diesel Engine MaxxForce DT engine 9340 cm ³ 220 kW (300 PS) Vehicle International CXT, 4300, 4400, MaxxPro IC Corporation FE 300, RE 300, CE 300		6	116.50	81.75 -2.30/-1.60 -20.90 105.50 MØ=72.20 	46.30 96.60	9212 000 3.500T 3.175TK IW 4.000DY Mo P CrP	1224 000 116.50 AP	3224 000	
Diesel Engine DT 530E 7600 cm ³ (250 - 275 PS)		6	116.5	81.75 -1.80/-1.30 -22.20 127.90 MØ=69.30 	46.37 88.00	9212 000 3.500T 3.175TK IW 4.000DY Mo P CrP	1225 000 116.50 AP	3225 000	



Diesel Engine B 6,60 M36, B 4.40 TI	6	100.00	70.35 - -22.50 110.00 MØ=50.00 	38.10 77.60	9572 000 3.000T IF MoP 2.500K IF P 4.000DY CrP	2573 000 100.00 AP	4573 000	5794 000 K=104.25 L=227.40 H+F=7.50+1.10 D=110.00 SF 	S
Diesel Engine B 4,40 D, B 4,40 TI 100 kW (136 PS) Vehicle TK 140,75 TK 140,75 Stationary engine Diesel Engine B 6,60 N B 6,60 TI 117 kW (159 PS) Vehicle TK 165,75 Stationary Engine	4	100.00	70.35 - -21.10 110.00 MØ=54.00 	38.10 78.00	9572 000 3.000T IF MoP 2.500K IF P 4.000DY CrP	2572 000 100.00 AP	4572 000	5794 000 K=104.25 L=227.40 H+F=7.50+1.10 D=110.00 SF 	S
Diesel Engine B 4,40 NA Euro 1	4	100.00	70.35 - -22.40 110.00 MØ=52.00 	34.92 76.00	9572 000 3.000T IF MoP 2.500K IF P 4.000DY CrP	2574 000 100.00 AP	4574 000	5794 000 K=104.25 L=227.40 H+F=7.50+1.10 D=110.00 SF 	S
Diesel Engine PD6-PD6T 10308 cm³ Vehicle CD40,41,43,CV40,41,CK40,CV41n,C W40,41 1971...1979	6	125.00						5798 000 K=129.95 L=259.00 H+F=3.00+1.20 D=134.00 FF 	
Diesel Engine PE 6 11670 cm³ Vehicle Truck, Bus CD31, CV31, CK30, CD32 1970...	6	133.00						5799 000 K=138.00 L=259.00 H+F=3.00+1.20 D=142.00 FF 	



Diesel Engine

94 T1BX, Comet 9135

6550 cm³

110.5 kW (150PS)

Vehicle

6025, 3041/1, 3046, 3052, 3051,
3054, 5068,
6060, 6060/1, 1216, 1127/5,
3041, 1127
Einbaumotor

6 107.21

5809 000

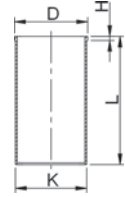
K=111.42

L=239.50

H+F=4.40+1.00

D=113.10

SF



Diesel Engine

9105, 9107

10518cm³

147kW (200PS)

Vehicle

1061, 1062, 1063, 1064, 1070, 1074,
2011, 2080

120.00

5811 000

K=131.00

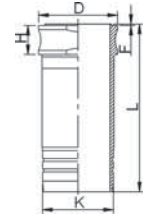
L=313.20

H+F=54.20+3.00

D=146.00

FF

PHS



3 R

Diesel Engine

9156, 9157

11945 cm³

221-257,5 kW (300 PS)

Vehicle

1087, 1187, 2081, 2082, 2089, 2181,
2189, 3069, 3188

130.00

5812 000

K=146.00

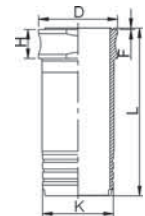
L=306.75

H+F=54.20+3.00

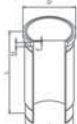
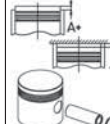
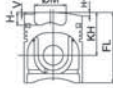
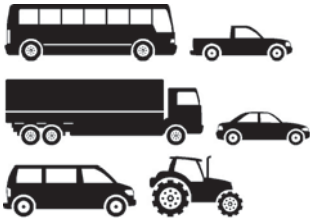
D=161.00

FF

PHS

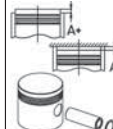
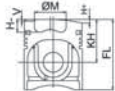
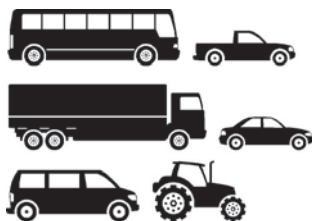


2 R

 Springer

Ø mm

[illegible]



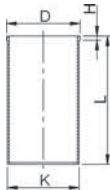
④ 启动

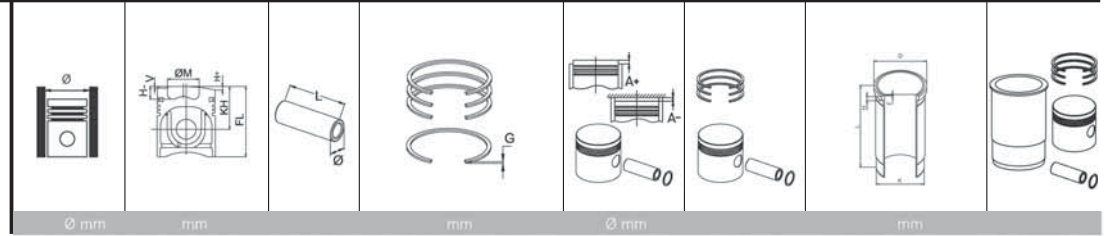
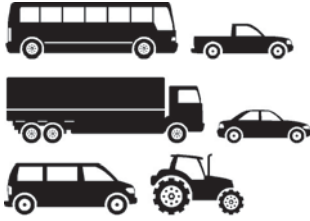
TABLE 1. Continued

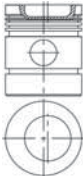
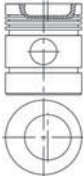
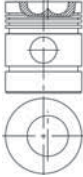
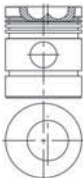
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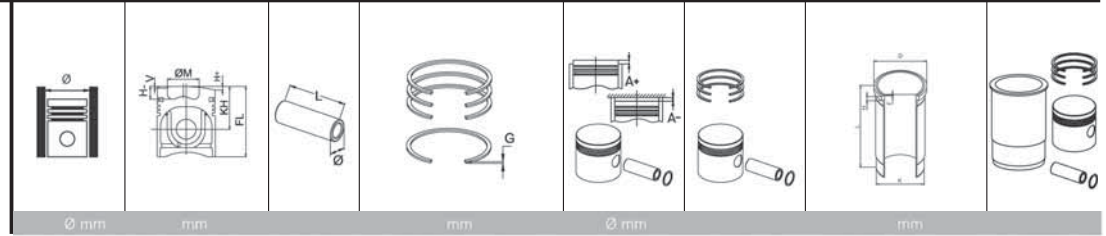
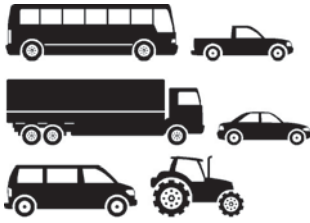
2 mm

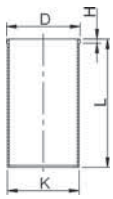
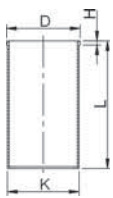
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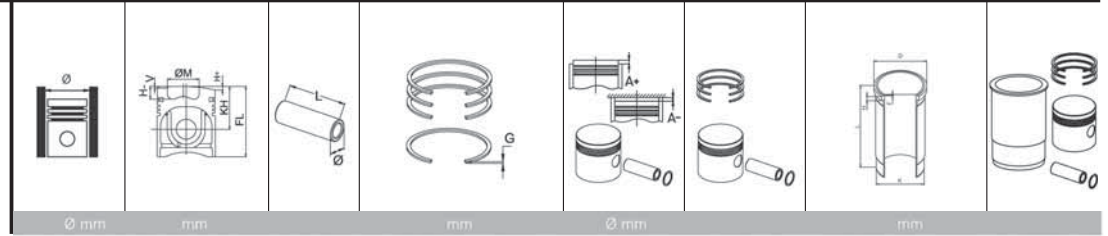
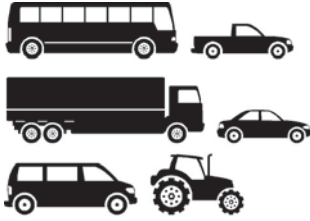
Diesel Engine 3.152 Series A3.152 4.203 Series A4.203 33 kW (45 PS) Vehicle Ford New Holland Fordson Super Dexta Massey Ferguson Agricultural Tractor - 100 Series Agricultural Tractor - 200 Series Agricultural Tractor - Pre 100 Series 1947 ... 1996 Industrial Tractors Vineyard Tractor - 100 Series Diesel Engine 6.305, P.6.605 66 kW (90 PS) Vehicle 1960...	3/4	91.48	57.20 - - 107.70	31.75 75.30	9832 000 2.385D IW CrP 2.385K IF P 3.160TN P 6.335DY CrP 6.335DC P	1831 000 91.48 Pist. Ç k nt s -0.13 / 0	3831 000	5835 000 K=93.67 L=216.00 H+F=3.81 D=96.70 FF 	7831 K,S
								5834 000 K=93.75 L=216.00 H+F=3.81 D=96.75 SF	S
								5834 050 K=94.30 L=216.00 H+F=3.81 D=96.75 SF	
	6		56.95 - - 107.70	31.75 75.30	9832 000 2.385D IW CrP 2.385K IF P 3.160TN P 6.335DY CrP 6.335DC P	1841 000 91.48	3841 000		



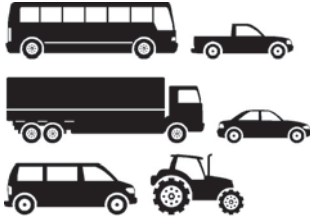
Diesel Engine D 3.152 35 kW (47 PS) Diesel Engine D 4.203 40 kW (54.5 PS)	2503 cm³ 3300 cm³	3	91.48	61.91 - -19.30 109.54 MØ=59.80 	31.75 75.30	9832 000 2.385D IW CrP 2.385K IF P 3.160TN P 6.335DY CrP 6.335DC P	1898 000 91.48 AP	3898 000	5835 000 K=93.67 L=216.00 H+F=3.81 D=96.70 FF 	7898 K,S
		4							5834 000 K=93.75 L=216.00 H+F=3.81 D=96.75 SF	S
				61.91 - -19.30 109.54 MØ=59.80 	31.75 75.30	9832 000 2.385D IW CrP 2.385K IF P 3.160TN P 6.335DY CrP 6.335DC P	1899 000 91.48	3899 000	5831 000 K=93.75 L=216.00 H+F=5.00 D=97.00 SF	S
Diesel Engine 3.152 Series AD3.152 33 - 33.5 - 35 kW (42 - 45.5 - 47 PS) Diesel Engine 4.203 Series AD4.203 40.5 kW (55 PS) Vehicle 1962...	2500 cm³ 3300 cm³	3	91.48	61.91 - -18.40 109.54 MØ=55.85 	31.75 75.30	9832 000 2.385D IW CrP 2.385K IF P 3.160TN P 6.335DY CrP 6.335DC P	1832 000 91.48 Pist. Ç k nt s -0.10 / +0.03	3832 000	5835 000 K=93.67 L=216.00 H+F=3.81 D=96.70 FF 	7832 K,S
		4							5834 000 K=93.75 L=216.00 H+F=3.81 D=96.75 SF	S
				61.91 - -18.40 109.54 MØ=55.85 	31.75 75.30	9832 000 2.385D IW CrP 2.385K IF P 3.160TN P 6.335DY CrP 6.335DC P	1838 000 91.48 AP	3838 000	5831 000 K=93.75 L=216.00 H+F=5.00 D=97.00 SF	S



Diesel Engine	4	91.48	62.00 - -19.25 109.60 MØ=59.80	31.75 75.30	9834 000 2.385D CrP 2.385D IF P 2.385D IF P 4.747DY CrP	1834 000 91.48 Pist. Ç k nt s -0.025 / +0.010	3834 000	5835 000 K=93.67 L=216.00 H+F=3.81 D=96.70 FF	7834 K,S
3.152 (HC)	3/4								
Vehicle MF 240 S								5834 000 K=93.75 L=216.00 H+F=3.81 D=96.75 SF	S
Diesel Engine 3.152 Series AD3.152 4.203 Series AD4.203								5831 000 K=93.75 L=216.00 H+F=5.00 D=97.00 SF	S
Vehicle Massey Ferguson Agricultural Tractor - 100 / 300 Italian Series Agricultural Tractor - 100 / 200 / 300 / 500 Series Agricultural Tractor - Pre 100 Series Compact Tractor Series Crawler Tractor - 100 Italian Series Crawler Tractor - 200 Italian Series Crawler Tractor - 200 Series Crawler Tractor - 300 Italian Series Industrial Tractors Orchard Tractor - 100 / 300 Italian Series Vineyard Tractor - 100 / 300 Italian Series									
Diesel Engine D 3.152 2500 cm ³ 31 - 33.5 kW (42 - 45 PS)	3	91.48	62.275 - -18.67 109.90 MØ=55.80	31.75 73.50	9860 000 2.385D Cr 2.385D 2.385D 6.335DY Cr	1860 000 91.48	3860 000	5835 000 K=93.67 L=216.00 H+F=3.81 D=96.70 FF	7860 K,S
Diesel Engine D 4.203 3300 cm ³ 40.5 kW (55 PS)	4								
Vehicle Forklift, MF 135								5834 000 K=93.75 L=216.00 H+F=3.81 D=96.75 SF	S

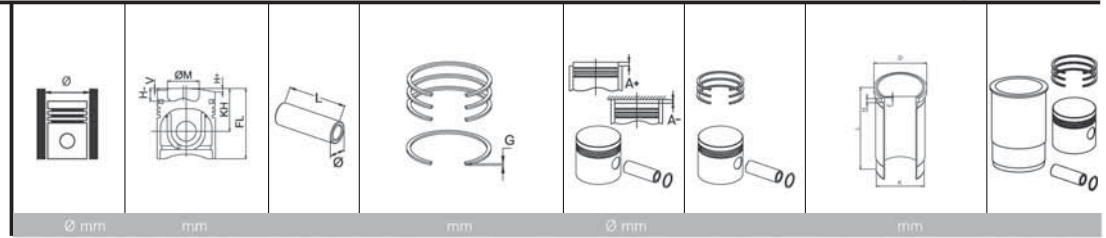
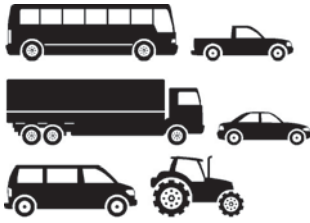


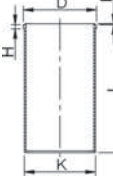
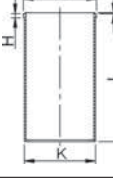
Diesel Engine T 3.152 (HC) Vehicle MF 225 T, 255 T	4	91.48	61.80 - -18.80 109.40 MØ=59.70 	31.75 73.50	9857 000 2.385D CrP 2.385D IF P 4.747DY CrP	1857 000 91.48 AP Pist. Ç k nt s -0.025 / -0.152	3857 000	5835 000 K=93.67 L=216.00 H+F=3.81 D=96.70 FF 	7857 K,S
								5834 000 K=93.75 L=216.00 H+F=3.81 D=96.75 SF	S
								5834 050 K=94.30 L=216.00 H+F=3.81 D=96.75 SF	
								5834 100 K=94.75 L=216.00 H+F=3.81 D=96.75 SF	
								5832 000 K=93.76 L=216.00 SF 	S
Diesel Engine 4.165 37-48kW (50-65PS) Vehicle Einbaumotor	4	92.00	2710 cm ³ 1975...					5838 000 K=96.90 L=191.20 H+F=3.90+0.70 D=101.00 SF 	

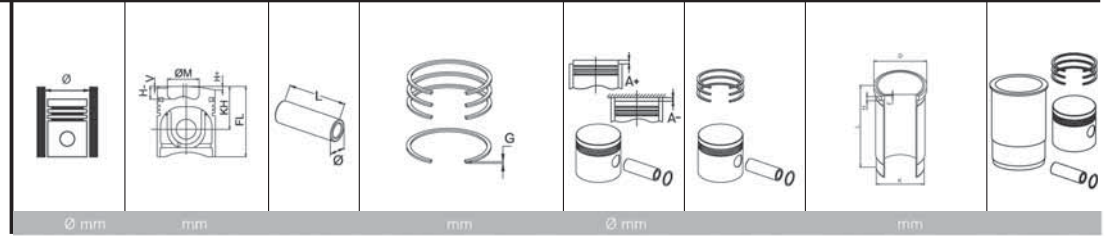
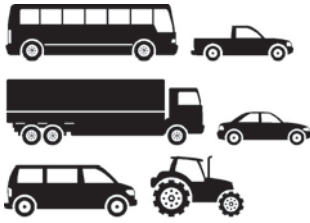


Ø mm	mm	mm	mm	Ø mm	mm	mm	mm

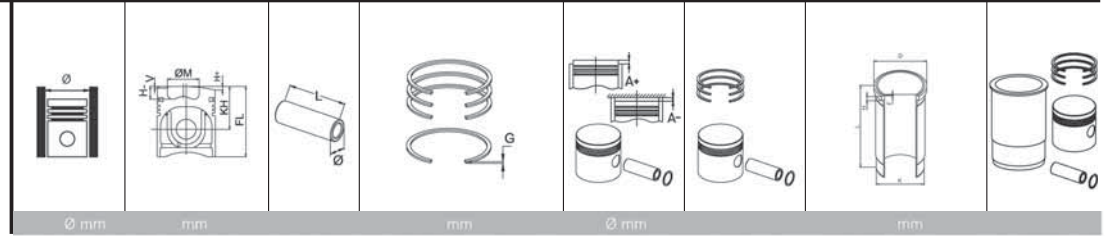
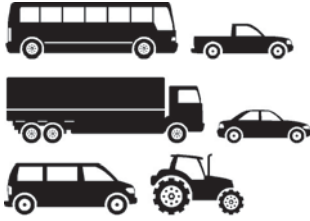
Diesel Engine SERI 900 SERI 903.27 T EURO 1 TURBO 2700 cm ³ Vehicle MF 4222 , MF 260 G, MF 266, MF 266G, Case Traktör, Case kepçe... 1997...	3	95.00	62.00 - -21.00 99.70 MØ=50.00 	31.75 75.00	9464 000 3.000T Cr 2.000K IFU Cr 4.000DY	2464 000 95.00 AP	4464 000	5837 000 K=97.10 L=216.00 SF 	S
Diesel Engine SERI 900 SERI 903.27 EURO 1 2700 cm ³ Vehicle MF 4215, MF 250 GOLD, Traktör, Forklift, Jeneratör, Linde Forklift... 1997...	3	95.00	62.00 - -21.00 99.70 MØ=50.00 	31.75 75.00	9463 000 2.500D Cr 2.000K IFU Cr 4.000DY	2463 000 95.00	4463 000	5837 000 K=97.10 L=216.00 SF 	S

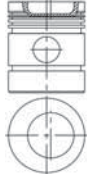
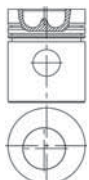
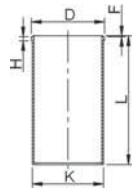


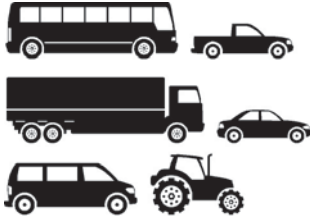
Diesel Engine 6.354/V 5800 cm ³ 71.5 - 82.5 - 87 kW (97 - 112 - 118 PS) Vehicle 1961...	6	98.48	70.10 - -25.70 120.70 MØ=54.00 	34.925 84.100	9863 000 2.385D IF CrP 2.385D IF P 2.385K IW P 6.350DY CrP 6.350DC P	1840 000 98.48	3840 000	5845 000 K=103.28 L=229.00 SF 	S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF 	S
								5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF	7896 K,S
								5845 000 K=103.28 L=229.00 SF 	S
			70.10 - -25.70 120.70 MØ=54.00 	34.925 84.10	9863 000 2.385D IF CrP 2.385D IF P 2.385K IW P 6.350DY CrP 6.350DC P	1896 000 98.48 AP	3896 000	5845 000 K=103.28 L=229.00 SF 	S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF 	S
								5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF	7896 K,S



Diesel Engine	4	98.48	76.50 - -19.20 127.30 MØ=54.00	34.925 84.100	9844 000 2.385D IF CrP 2.385D IF P 2.385K IW P 6.350DY CrP	1842 000 98.48	3842 000	5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF	7842 K,S
4.236 Series A4.212, A4.236 3475 cm ³ 44 - 47 kW (60 - 64 PS) Vehicle Agricultural Tractor - 100 Italian Series 174 1969... Motor Nr....712 UA 87004 Agricultural Tractor - 100 Series 165 Combine Harvester - European Series Crawler Tractor - 100 Italian Series Industrial Tractors Massey Harris									
Diesel Engine AD 4.236,D 39 C 3864 cm ³ 57.5 - 59 kW (78 - 80 PS) (LC) Vehicle MF 275,MF 265 , S Tractor, D 350 Truck	4	98.48	70.25 - -20.28 120.90 MØ=60.50	34.925 84.100	9863 000 2.385D IF CrP 2.385D IF P 2.385K IW P 6.350DY CrP 6.350DC P	1863 000 98.48	3863 000	5845 000 K=103.28 L=229.00 SF	S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF	S
								5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF	7863 K,S
								5841 000 K=104.26 L=227.00 H+F=3.81 D=107.38 SF	S
								5842 000 K=104.21 L=227.00 H+F=3.83 D=107.38 FF	7864 K,S



Diesel Engine 4.236 EBRO	4	98.48	70.25 - -20.70 121.05 MØ=61.00 	34.925 84.100	9863 000 2.385D IF CrP 2.385D IF P 2.385K IW P 6.350DY CrP 6.350DC P	1866 000 98.48 AP	3866 000	5845 000 K=103.28 L=229.00 SF 	S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF 	S
								5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF	7866 K,S
Diesel Engine 6.354.4 92 kW (125 PS) Vehicle Tractor 2620	6	98.48	69.80 - -23.87 120.60 MØ=54.00 	34.925 84.100	9867 000 2.385D IF CrP 2.385K IW P 4.747DY CrP	1867 000 98.48 AP	3867 000	5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF 	7867 K,S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF	S



Ø mm	mm	mm	mm	Ø mm	mm	mm	mm

Diesel Engine

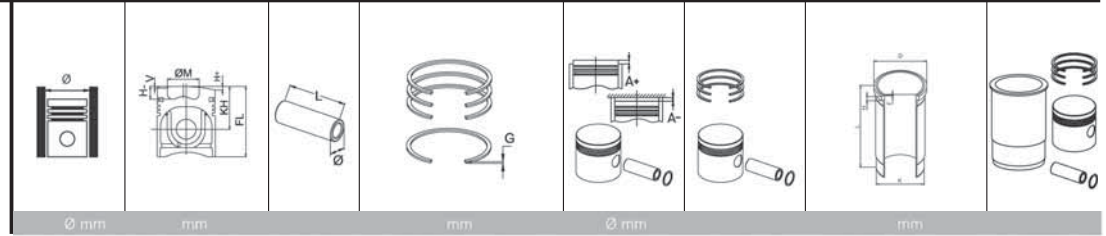
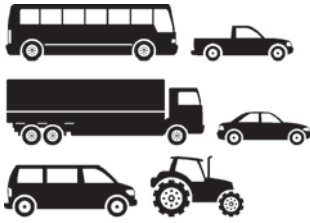
4.236 Series A4.248, T4.236
4.248 Series A4.248

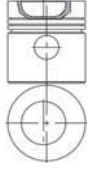
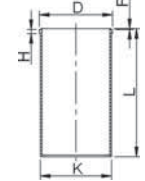
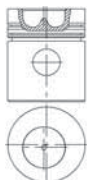
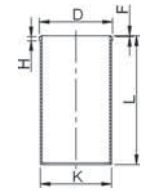
3864 cm³
49 - 58 kW (66 - 79 PS)

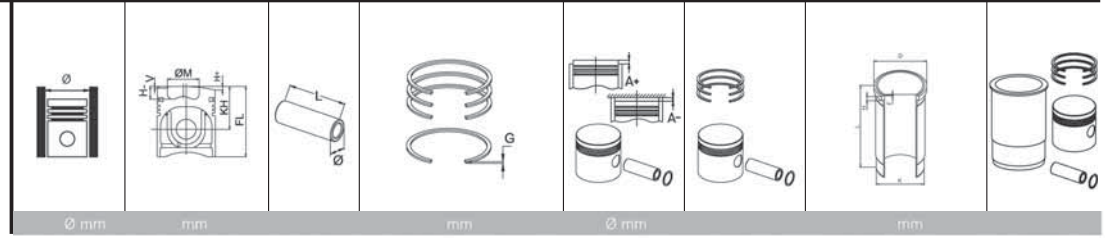
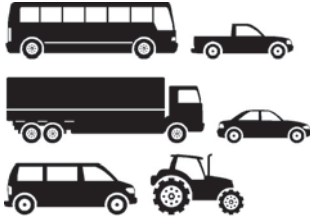
Vehicle

Agricultural Tractor - 300 Italian Series
Agricultural Tractor - 300 / 500 / 600 / 3000 Series
Agricultural Tractor - Landini Series
Crawler Tractor - 300 Italian Series
Industrial Tractors

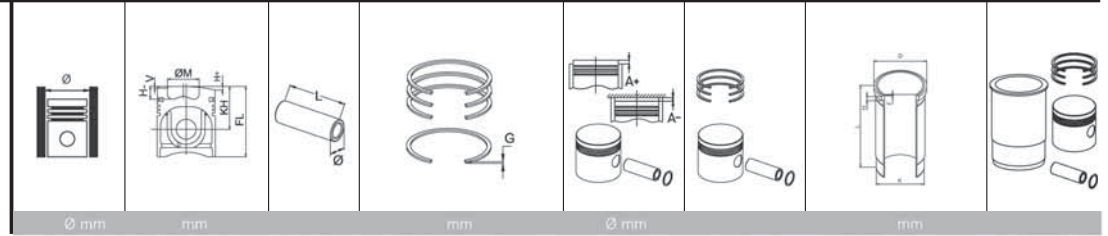
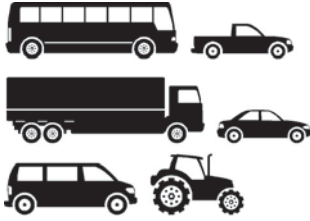
4	98.48	70.25 - -19.95 108.25 MØ=61.00	38.10 82.50	9868 000 3.160T MoP 2.385K IW CrP 4.747DY CrP	1868 000 98.48 AP	3868 000	5842 000 K=104.21 L=227.00 H+F=3.83 D=107.38 FF 	7868 K,S
							5841 000 K=104.26 L=227.00 H+F=3.81 D=107.38 SF	S
							5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF 	S

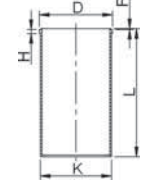


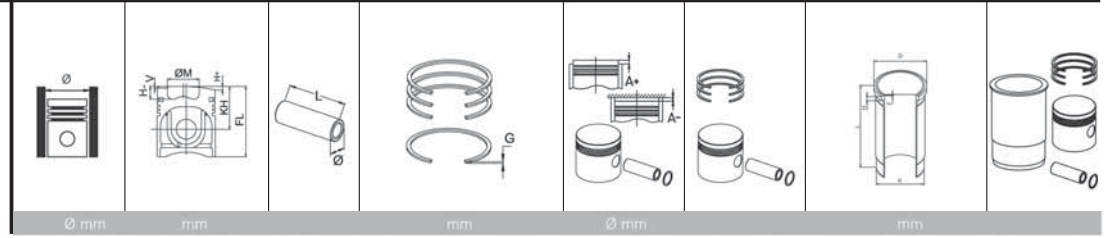
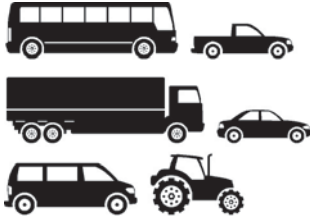
Diesel Engine 4.236 Series A4.212 3470 cm ³ Vehicle MF 165 1963... Agricultural Tractor - 100 Series 165 Industrial Tractors 3303, 3305, 50, 50B Massey Harris 50	4	98.48	76.53 - -19.60 116.13 MØ=54.00 	34.925 84.100	9869 000 2.385D IF Mo 2.385D IF Cr 6.350DY	1869 000 98.48	3869 000	5845 000 K=103.28 L=229.00 SF 	S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF 	S
								5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF	7869 K,S
Diesel Engine 6.354.4 5794 cm ³ 77 - 92 kW (105 - 122 PS) Vehicle Tractor 2620,2640 1975... Dodge 600,700	6	98.48	69.92 - -25.50 120.72 MØ=54.10 	34.925 84.100	9867 000 2.385D IF CrP 2.385K IW P 4.747DY CrP	1384 000 98.48 AP Pist. Ç k nt s 0 / +0.18	3384 000	5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF 	7384 K,S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF	S



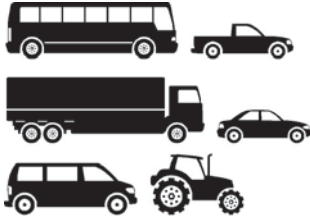
Diesel Engine AD 4.236, D 39 C 3864 cm ³ 48 - 60 kW (59 - 80 PS) Vehicle 1961...	4	98.48	70.05 - -20.15 120.85 MØ=61.00	34.925 84.100	9867 000 2.385D IF CrP 2.385K IW P 4.747DY CrP	1848 000 98.48 AP Pist. Ç k nt s +0.28 / +0.48	3848 000	5845 000 K=103.28 L=229.00 SF	S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF	S
								5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF	7848 K,S
								5841 000 K=104.26 L=227.00 H+F=3.81 D=107.38 SF	S
								5842 000 K=104.21 L=227.00 H+F=3.83 D=107.38 FF	7858 K,S



Diesel Engine 4.236 AT 3864 cm ³ 49 - 58 kW (66.5 - 79 PS)	4	98.48	70.25 - -20.40 108.25 MØ=61.00 	38.10 82.50	9868 000 3.160T MoP 2.385K IW CrP 4.747DY CrP	1871 000 98.48 AP	3871 000	5845 000 K=103.28 L=229.00 SF 	S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF 	S
								5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF	7871 K,S
								5841 000 K=104.26 L=227.00 H+F=3.81 D=107.38 SF 	S
								5842 000 K=104.21 L=227.00 H+F=3.83 D=107.38 FF	7872 K,S



Diesel Engine 6.354.4 116 KW (155 PS) (HC) Vehicle Truck PD 700 AS Super	4	98.48	70.25 - -19.25 108.25 MØ=66.60	38.10 82.50	9868 000 3.160T MoP 2.385K IW CrP 4.747DY CrP	1872 000 98.48 AP Pist. Ç k nt s 0 / +0.18	3872 000	5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF	S
Diesel Engine 4.236	4	98.48	70.25 - -20.28 120.90 MØ=60.80	34.925 84.100	9849 000 2.385D IF CrP 2.385D IF P 2.385TN P 4.000DY CrP	1849 000 98.48	3849 000	5845 000 K=103.28 L=229.00 SF	S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF	S
								5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF	7849 K,S



Ø mm	mm	mm	mm	Ø mm	Ø mm	mm	mm	mm

Diesel Engine

AD 4.236,D 39 C

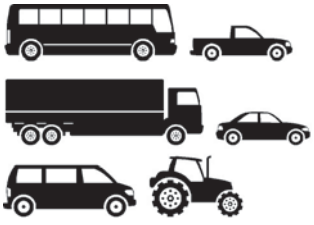
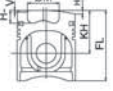
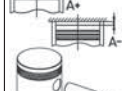
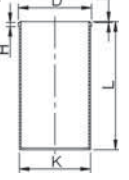
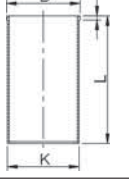
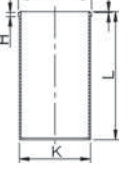
3864 cm³

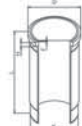
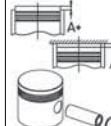
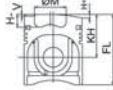
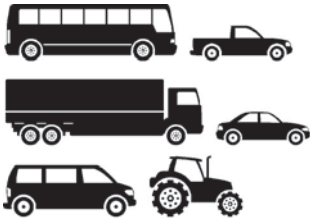
57.5 - 59 kW (78 - 80 PS)

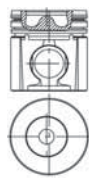
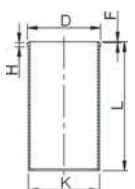
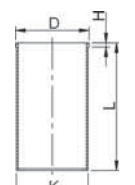
Vehicle

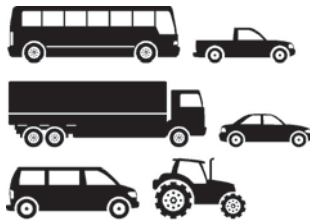
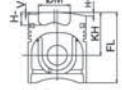
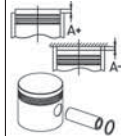
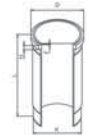
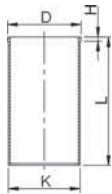
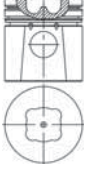
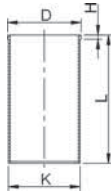
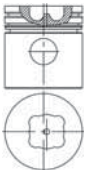
MF 275,MF 265 , S Tractor, D 350

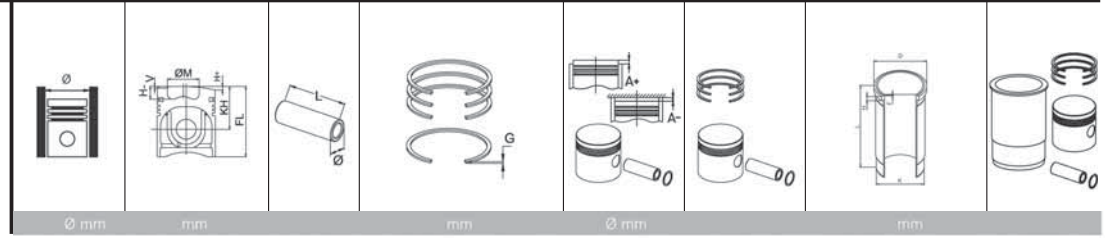
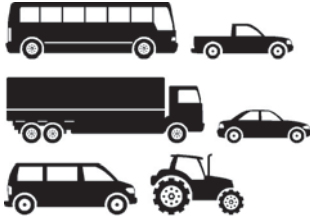
4	98.48	69.925 - -19.96 120.58 MØ=60.50	34.925 84.100	9863 000 2.385D IF CrP 2.385D IF P 2.385K IW P 6.350DY CrP 6.350DC P	1854 000 98.48	3854 000	5845 000 K=103.28 L=229.00 SF 	S
							5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF 	S
							5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF	7854 K,S

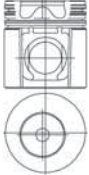
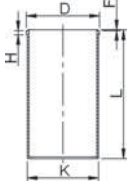
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine T 6,354,4 5800 cm ³	6	98.48	69.80 - -18.75 107.80 MØ=66.60	38.10 82.50	9868 000 3.160T MoP 2.385K IW CrP 4.747DY CrP	1826 000 98.48 AP	3826 000	5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF 	7826 K,S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF	S
Diesel Engine 4.236 Series A4.23 , D 39 C (HC) 3890 cm ³ 57.5 - 59 kW (78 - 80 PS)	4	98.48	70.68 - -20.71 121.48 MØ=61.00	34.925 84.100	9863 000 2.385D IF CrP 2.385D IF P 2.385K IW P 6.350DY CrP 6.350DC P	1843 000 98.48 Pist. Ç k nt s +0.28 / +0.48	3843 000	5845 000 K=103.28 L=229.00 SF 	S
								5842 000 K=104.21 L=227.00 H+F=3.83 D=107.38 FF 	7124 K,S
								5841 000 K=104.26 L=227.00 H+F=3.81 D=107.38 SF	S
								5844 000 K=103.21 L=227.30 H+F=3.81+1.00 D=106.36 FF 	7843 K,S
								5840 000 K=103.28 L=227.30 H+F=3.85+0.90 D=106.40 SF	S

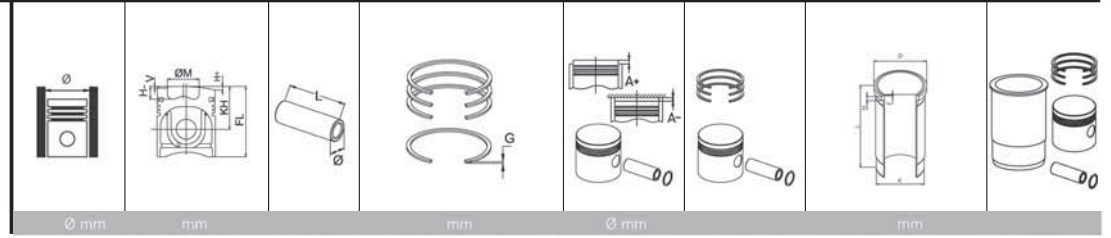
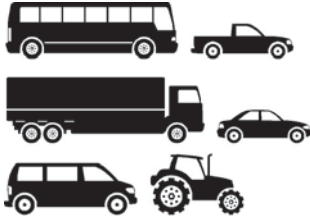


Diesel Engine T 4.40/200 TI 148 kW (201 PS) Vehicle AS 26-200 Agricultural Tractor - 4200/4300 Series Agricultural Tractor - 6200 Series McCormick MTX - Series	4	100.00	70.30 - -21.75 108.23 MØ=52.80 	39.70 78.00	9855 000 3.500T 2.500TN 4.000DY	MoP P CrP	1861 000 100.00 AP Pist. Ç k nt s +0.382 / +0.504	3861 000	5828 000 K=104.21 L=227.00 H+F=3.86+1.00 D=107.45 FF 	7861 K,S
									5858 000 K=104.25 L=227.00 H+F=3.85+0.90 D=107.45 SF	S
Diesel Engine D 235, Phazer 160 T,180 TI (HC) 5985 cm³ Vehicle PD 900 AS PD 900 AS Super	6	100.00	70.16 - -19.50 108.06 	38.10 82.50	9856 000 3.000T 2.500K 4.000DY	MoP P CrP	1856 000 100.00 AP	3856 000	5848 000 K=104.21 L=226.45 H+F=3.85 D=107.45 FF 	7856 K,S
									5847 000 K=104.25 L=226.45 H+F=3.85 D=107.45 SF	S
									5850 000 K=104.28 L=227.30 H+F=3.90 D=107.70 SF	S

										
		Ø mm	mm		mm	Ø mm		mm		
Diesel Engine BH 509, Phazer 90 4000 cm ³ Vehicle PW 250,PD 250/AS, PC250 AS Super Diesel Engine Phaser 1000 Series 4 Cyl. 1004.4T Phaser 1000 Series 6 Cyl. 1006.6T Phaser 4 Cyl. 4.41 Vehicle Agricultural Tractor - 3000 / 3600 / 4200 / 4300 / 6100 / 6200 / 8100 / 8200 Series Agricultural Tractor - Pre 100 Series (1947 to 196 Combine Harvester - N.A. Series Industrial Tractors Telescopic Handlers	6	100.00	69.95 - -19.50 108.00	38.10 82.50	9855 000 3.500T 2.500TN 4.000DY	MoP P CrP	1855 000 100.000 AP	3855 000	5848 000 K=104.21 L=226.45 H+F=3.85 D=107.45 FF 	7855 K,S
	4/6								5847 000 K=104.25 L=226.45 H+F=3.85 D=107.45 SF	S
Diesel Engine BH 509 Phazer 90 4000 cm ³ (HC) Vehicle PW 250,PD 250 AS, PC 250 AS Super Diesel Engine Phaser 1000 Series 4 Cyl. 1004.4, 1004.4T Phaser 1000 Series 6 Cyl. 1006.6 Vehicle Agricultural Tractor - 300 / 3000 / 4200 / 4300 / 6100 / 6200 Series Telescopic Handlers	4	100.00	70.02 - -20.14 108.00	34.925 84.100	9850 000 2.500D IF 2.500K 4.000DY	Mo P CrP	1850 000 100.00 AP	3850 000	5848 000 K=104.21 L=226.45 H+F=3.85 D=107.45 FF 	7850 K,S
	4/6								5847 000 K=104.25 L=226.45 H+F=3.85 D=107.45 SF	S



Diesel Engine 1000 SERI 1004.42 YESIL 1 GOLD SERI T 4.40 Euro 2 3990 cm ³ 82 - 88 kW (112 - 120 PS) Vehicle MF276, MF200, MF400, MF6270, MF6280, MF6290, MF6260, MF4270, CLAAS BICER DOVER, LANDINI TRAKTOR, IS MAKINASI JCB, JCB ESKAVATOR, Diesel Engine 1000 SERI 1004.42 YESIL 1 GOLD SERI, 1106C-E60TA Euro 2, T 6.40 Euro 2 6000 cm ³ 88 - 130 kW (120 - 175 PS) Vehicle Massey Ferguson, 5465, 6465, 6475, 6480 05/2003... Massey Ferguson, 7465, 7475, 7480 02/2003...	4	100.00	70.266 - -21.75 108.23 MØ=52.80	39.70 78.00	9466 000 3.500T MoP 2.500TN 3.500DY Cr	2466 000 100.00 AP	4466 000	5848 000 K=104.21 L=226.45 H+F=3.85 D=107.45 FF 	8466 K,S
	6							5847 000 K=104.25 L=226.45 H+F=3.85 D=107.45 SF	S
								5849 000 K=104.26 L=227.50 H+F=3.81+1.00 D=107.35 FF 	8468 K,S
								5839 000 K=104.26 L=227.50 H+F=3.81+1.00 D=107.35 SF	S



Diesel Engine

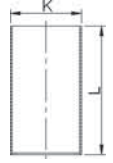
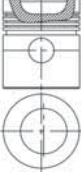
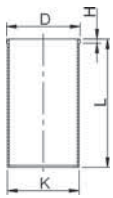
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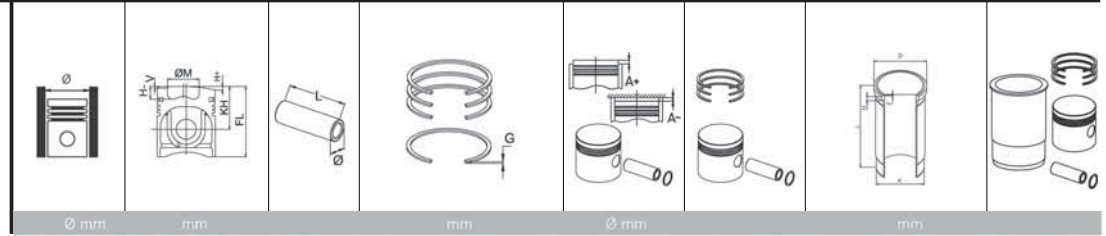
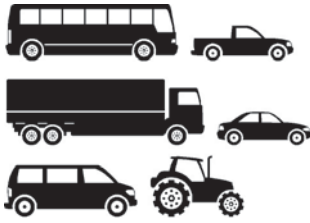
4064 cm³

53 - 61 kW (72 - 83 PS)

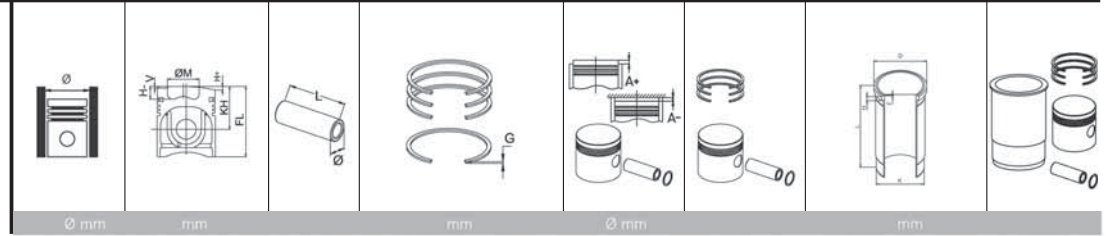
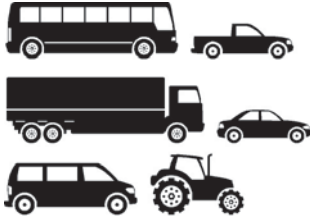
Vehicle

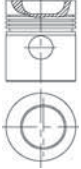
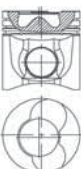
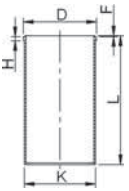
1969...04/1992

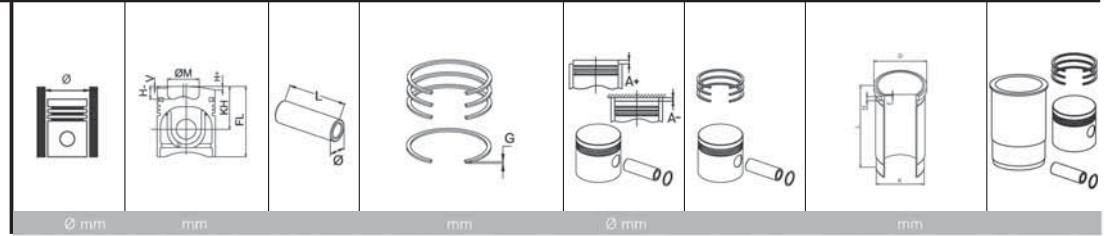
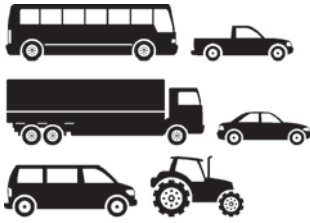
4	101.054	69.90 - -21.00 120.65 MØ=61.50	34.925 84.10	9852 000 2.385D IF Cr 2.385D IF Cr 2.385K Cr 6.335DY Cr	1823 000 101.054 AP	3823 000	5853 000 K=103.33 L=224.00 SF 	S
							5846 000 K=104.21 L=227.00 H+F=3.83 D=107.38 FF 	7822 K,S
							5843 000 K=104.26 L=227.00 H+F=3.83 D=107.38 SF	S
							5852 000 K=104.20 L=227.20 H+F=3.80+0.85 D=107.40 FF 	7823 K,S
							5851 000 K=104.33 L=227.20 H+F=3.85+0.90 D=107.45 SF	S
							5851 050 K=104.80 L=227.20 H+F=3.85+0.90 D=107.45 SF	



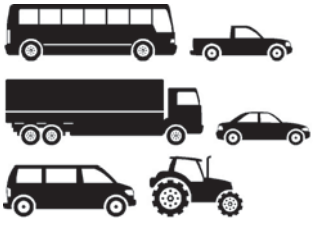
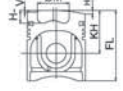
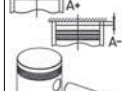
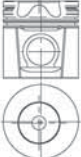
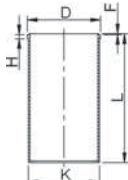
Diesel Engine	4	101.054	70.10 - -21.00 120.90 MØ=61.50	34.925 84.100	9852 000 2.385D IF Cr 2.385D IF Cr 2.385K Cr 6.335DY Cr	1852 000 101.054 Pist. Ç k nt s +0.08 / +0.25	3852 000	5853 000 K=103.33 L=224.00 SF	S
Vehicle Massey Ferguson Agricultural Tractor - 100 Italian Series 1969...04/1992 Agricultural Tractor - 100 / 200 / 300 / 500 / 600 Series Agricultural Tractor - 200 / 300 Italian Series Combine Harvester - European Series Crawler Tractor - 100 Italian Series Industrial Tractors Orchard Tractor - 100 / 300 Italian Series									7131 K,S
								5846 000 K=104.21 L=227.00 H+F=3.83 D=107.38 FF	
								5843 000 K=104.26 L=227.00 H+F=3.83 D=107.38 SF	
								5852 000 K=104.20 L=227.20 H+F=3.80+0.85 D=107.40 FF	
								5851 000 K=104.33 L=227.20 H+F=3.85+0.90 D=107.45 SF	S
								5851 050 K=104.80 L=227.20 H+F=3.85+0.90 D=107.45 SF	

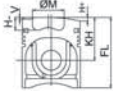


Diesel Engine	4	101.06	70.620 - -20.78 121.420	34.92 83.90	9837 000 2.385D Cr 2.385K IW P 2.385K IW P 4.747DY Cr	2474 000 101.060	4474 000	5853 000 K=103.33 L=224.00 SF	S
Vehicle INDUSTRIAL /AGRICOLA RATOR MF85/MF178/MF185/ MF186/DT8000/MF11/MF33/ MF300/MF350/590A VEICULAR/ AGRICOLA/INDUSTRIAL (TC = 16,0:1)									
								5851 000 K=104.33 L=227.20 H+F=3.85+0.90 D=107.45 SF	S
								5852 000 K=104.20 L=227.20 H+F=3.80+0.85 D=107.40 FF	K,S
Diesel Engine Yeni 1000 Serisi 1004.42 Yeşil Motor AR ve AS Seri	4	103.00	70.24 -1.10/-1.50 -22.000 108.20 MØ=52.30	39.70 74.00	9461 000 2.500D MoP 2.500TN P 3.500DY Cr	2460 000 103.00	4460 000	5827 000 K=107.00 L=228.00 H+F=4.00 D=110.00 FF	8460 K,S
Vehicle MF Agco 286, Uzel 286, Uzel 286 G, Uzel 4x4 286, Landini Traktör Powerfarm 75/85/950, Landini Traktör Globus 80, Landini Traktör Ghibli 80, Landini Traktör Rex 60/75/85 Fermec Traktör ve Kepçe Hayster, Clarke, Daewoo, Manitou, Forklift ve Case Traktör									
								5861 000 K=107.00 L=228.00 H+F=4.00 D=110.00 SF	



	3	4	4	4	4	6
Diesel Engine 1100 SERIES 1103A-33TG1, 1103C-33T Euro 2 3300 cm ³ 42 - 55 kW (57 - 75 PS) Vehicle MF 3425 2004... MF 420 2006... Diesel Engine 1100 SERIES 1104C-E44T Euro 2 4400 cm ³ 60 - 85 kW (82 - 116 PS) Vehicle Industrial Diesel Engine 1100 SERIES 1104C-E44TA Euro 2 4400 cm ³ 82 - 106 kW (110 - 142 PS) Vehicle MF 6460, MF 6470, Industrial 05.2003... Diesel Engine 1100 SERIES 1104D-E44T Euro 3 4400 cm ³ 62 - 75 kW (82 - 102 PS) Vehicle Industrial Diesel Engine 1100 SERIES 1104D-E44TA Euro 3 4400 cm ³ 75 - 106 kW (102 - 144 PS) Vehicle Industrial Diesel Engine 1100 SERIES 1106D-E66TA Euro 3 6600 cm ³ 90 - 205 kW (122 - 279 PS) Vehicle Industrial	105.00 70.10 - -22.00 108.00 MØ=55.10 	39.70 78.00 	9465 000 3.500T MoP 2.500K IFU P 3.500DY CrP 2465 000 105.00 AP 4465 000 5833 000 K=108.05 L=227.00 H+F=5.10 D=109.40 FF 	8465 K,S 5836 000 K=108.05 L=227.00 H+F=5.10 D=109.40 SF 	9465 050 2465 050 105.50 4465 050 9465 100 2465 100 106.00 4465 100	S

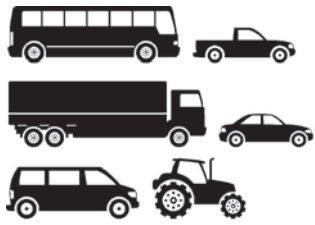
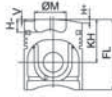
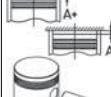
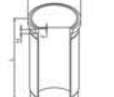
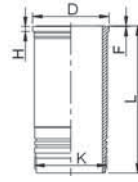
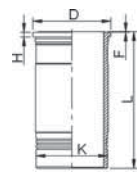
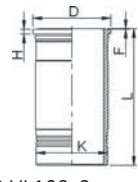
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine 1100 SERIES 1104D-44 Euro 3 4400 cm ³ 54 - 56 kW (73 - 75 PS) Vehicle Industrial	4	105.00	70.10 - -22.40 108.00 MØ=51.25	39.70 70.00	9467 000 2.500D MoP 2.500K IFU P 3.500DY CrP	2467 000 105.00	4467 000	5833 000 K=108.05 L=227.00 H+F=5.10 D=109.40 FF	8467 K,S
	4				9467 050	2467 050 105.50	4467 050	5836 000 K=108.05 L=227.00 H+F=5.10 D=109.40 SF	S
					9467 100	2467 100 106.00	4467 100		
Diesel Engine 1100 SERIES 1104C-44 Euro 2 4400 cm ³ 50-64 kW (67-84 PS) Vehicle MF 5425, Industrial 09.2003...	4	105.00	70.10 - -22.60 108.00 MØ=56.70	39.70 78.00	9465 000 3.500T MoP 2.500K IFU P 3.500DY CrP	2469 000 105.00 AP	4469 000	5833 000 K=108.05 L=227.00 H+F=5.10 D=109.40 FF	8469 K,S
	4							5836 000 K=108.05 L=227.00 H+F=5.10 D=109.40 SF	S
	4				9465 050	2469 050 105.50	4469 050		
Diesel Engine 1100 SERIES 1104C-44TA Euro 2 4400 cm ³ 85-99 kW (115-135 PS) Vehicle MF 5460, Industrial 09.2003...	4				9465 100	2469 100 106.00	4469 100		
Diesel Engine V8.510/AV8.510 8360 cm ³ Vehicle Industrial	8	107.95						5859 000 K=113.22 L=226.00 H+F=2.60+0.70 D=116.70 FF	
	8								

								
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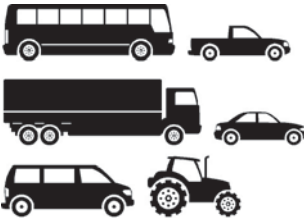
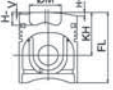
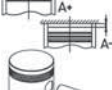
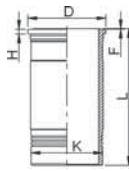
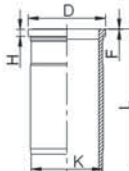
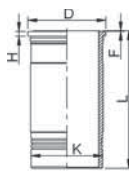
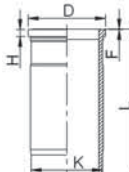
Diesel Engine PH 1, PH 1 W 659 cm ³ Diesel Engine PH 2, PH 2 W 1318 cm ³	1	87.31	63.60 -0.61 -25.40 106.00 MØ=50.80	30.00 74.50	9268 000 2.385D Cr 2.385K P 2.385TN P 4.747DY P	1268 000 87.31	3268 000	
Diesel Engine Aircooled	1	96.96	63.60 -0.60 -23.00 106.00 MØ=39.80	30.00 84.45	9269 000 2.385D Cr 2.385K P 2.385TN P 4.747DY Cr	1269 000 96.96	3269 000	

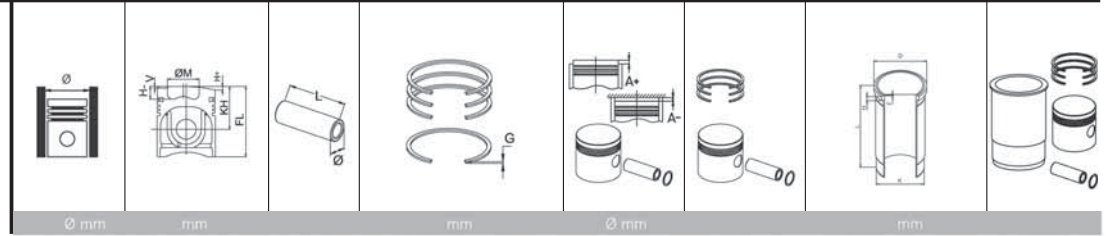
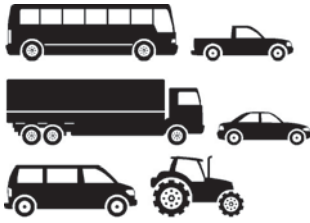
R.V.I. BERLIET

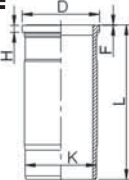
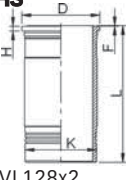
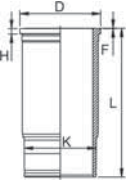
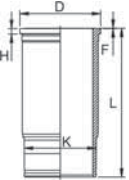
Diesel Engine 8140 23.2585 Euro 2 2798 cm ³ 76 kW (103 PS) Vehicle B 110, B 110.45 1996...	4	94.40	58.75 - -19.45 87.60 MØ=39.30	32.00 72.00	9691 000 2.500T Cr 2.000K P 2.500DY Cr	1691 000 94.40 AP YS	3691 000 5453 000 K=97.50 L=167.00 H+F=5.10 D=100.90 SF	S
Diesel Engine MIDR 602,026 Euro 0 6177 cm ³ 168 kW (226 PS) Vehicle G 230 6, G 230,13, G 230 15 G 230,16, G 230,18, D 230 19 Diesel Engine MIDR 602,026 Euro 1 6177 cm ³ 168 kW (228 PS) Vehicle G 230,6, G 230 13, G 230 15 G 230 16, G 230 18, G 230 19	6	102.00	71.23 -0.80 -20.83 108.23 MØ=60.00	42.00 84.00	9317 000 3.500T Ck 2.500D Cr 4.000DY Cr	1317 000 102.00 AP	3317 000 5209 000 K=114.00 L=218.00 H+F=8.00+0.80 D=122.50 FF	7317 K,S

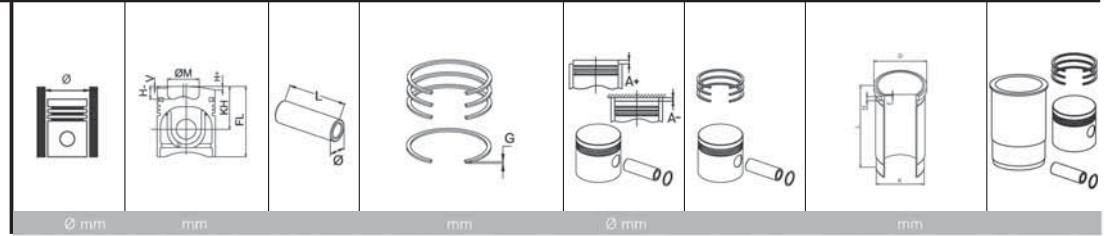
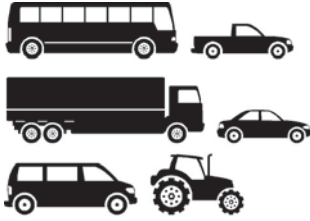
									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine MIDR 06.02.26 DU 166 kW (226 PS) Vehicle G 200 1991... M 180, M 200 1992...	6	102.00	71.18 -0.80/-2.06 -20.79 108.18 MØ=58.80 	42.00 83.00	9317 000 3.500T Ck 2.500D Cr 4.000DY Cr	1314 000 102.00 AP	3314 000	5209 000 K=114.00 L=218.00 H+F=8.00+0.80 D=122.50 FF  2 VI 104,2x3	7313 K,S
Diesel Engine MIDR 06.02.26 Y 184 kW (250 PS) Vehicle 250 2000... M 230 1989...1999 M 250 1996...1999	6								
Diesel Engine MIDR 06.02.26 Y41 Euro 2 Turbo 184 kW (250 PS) Vehicle Midliner 1996...1999 Midlum 2000...06.2001 Renault Premium 1996...09.2001	6								
Diesel Engine MIDR/MIDS 620.45 191 - 206 kW (260 - 280 PS) Vehicle C 260.26, C260.19 T, C 279 T, G 260, G 280 06/1988...1994	6	120.00	83.80 -0.80/-1.10 -24.08 134.80 MØ=74.00 	50.00 97.40	9321 000 3.500T Cr 3.000K P 4.000DY Cr	1315 000 120.00 AP	3315 000	5210 000 K=135.00 L=260.50 H+F=9.28+0.80 D=147.00 FF PHS  2 VI 128x2 3 VI 124x3	7314 K,S
								5215 000 K=135.00 L=260.50 H+F=9.38+0.80 D=147.30 FF PHS  2 VI 128x2 3 VI 123x4	7315 K,S

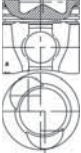
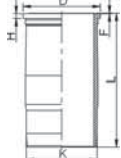
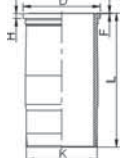
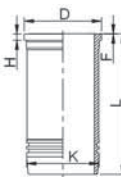
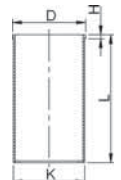
		Ø mm	mm	mm	mm	Ø mm	mm	mm	
Diesel Engine MID 06.20.30,MIP 06.20.30 8822 cm ³ Vehicle 950 KB 6/6A,KBT/GB 191, GC 191,GF 100 A	6	120.00	74.45 - -24.68 130.95 MØ=67.90 	42.00 100.00	9905 000 3.250T Cr 3.000D IF Cr 4.000DY Cr	2905 000 120.00 AP	4905 000	5210 000 K=135.00 L=260.50 H+F=9.28+0.80 D=147.00 FF PHS 2 VI 128x2 3 VI 124x3	8905 K,S
								5211 000 K=135.00 L=241.00 H+F=9.28+0.80 D=147.30 FF PHS 2 VI 128x2 3 VI 124x3	7133 K,S
Diesel Engine MIDR/MIPR 620.45/E 9834 cm ³ 222 - 265 kW (302 - 360 PS) Vehicle FR1,PR 180,C 290, G290,G 320, G 330, R 330 Megabus,FR1, .T3/ FR 1 GT/PR180.2 Megabus/ C260.19/C 260 .19 T/C 290.26/ FR 1 E1/FR 1 T1/320 CV / 340 CV/290.23 T/R330.17/19/ 19 T/24, G 290.15 T/19/19 T21 T/24/26 G 320.19/19 T/21 T /23 T/24/26 Maxter 340 TI 1993...	6	120.00	83.80 -0.80 / -1.10 -23.00 134.80 MØ=73.80 	50.00 97.40	9321 000 3.500T Cr 3.000K P 4.000DY Cr	1321 000 120.00 AP	3321 000	5215 000 K=135.00 L=260.50 H+F=9.38+0.80 D=147.30 FF PHS 2 VI 128x2 3 VI 123x4	7321 K,S
									5214 000 K=135.00 L=257.00 H+F=9.35+0.75 D=147.50 FF 2 VI 129x2 2 VI 134x5.5

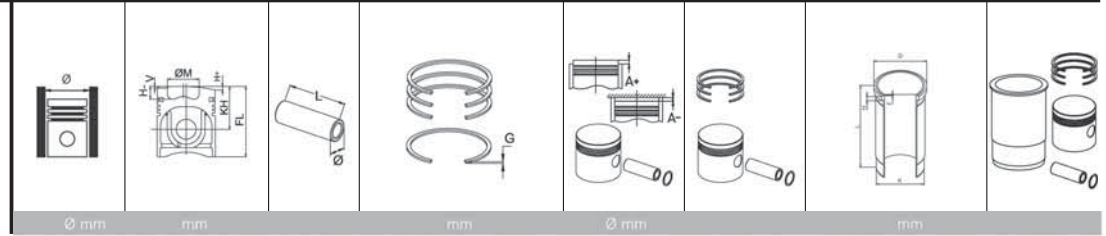
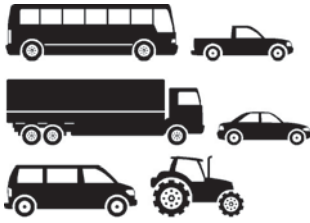
								
	Ø mm	mm		mm	Ø mm		mm	
Diesel Engine MIDR 06,20 45A 9839 cm ³ 202 - 265 kW (275 - 360 PS) Vehicle C 300 G 260,19 T G 280 PR 180 FR 1 C 290 PER 180,2 1991...	6	120.00	83.80 -0.80/-1.00 -22.50 134.80 MØ=73.80 	50.00 97.40	9321 000 3.500T Cr 3.000K P 4.000DY Cr	2943 000 120.00 AP	4943 000 5216 000 K=134.90 L=260.50 H+F=9.35+0.70 D=147.20 FF  2 VI 128x2 1 VI 125x133.2x6.65 2 VI 123x4	8943 KS
							5214 000 K=135.00 L=257.00 H+F=9.35+0.75 D=147.50 FF  2 VI 129x2 2 VI 134x5.5	7127 K,S
Diesel Engine MIDR 06... 9839 cm ³ 202 - 265 kW (275 - 360 PS) Vehicle C 300 G 260,19 T G 280 PR 180 FR 1 C 290 PER 180,2	6	120.00	83.80 -0.80/-1.00 -26.40 134.80 MØ=85.00 	50.00 97.40	9321 000 3.500T Cr 3.000K P 4.000DY Cr	2942 000 120.00 AP	4942 000 5215 000 K=135.00 L=260.50 H+F=9.38+0.80 D=147.30 FF PHS  2 VI 128x2 3 VI 123x4	8942 K,S
								5214 000 K=135.00 L=257.00 H+F=9.35+0.75 D=147.50 FF  2 VI 129x2 2 VI 134x5.5



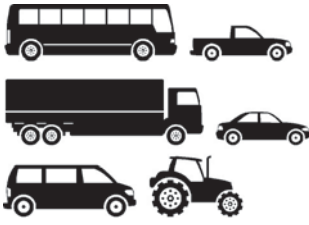
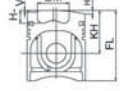
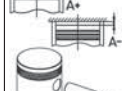
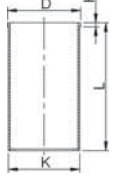
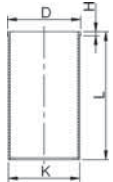
Diesel Engine MIDR 620.45 E, MIPR 620.45 E Turbo, LLK 9834 cm ³ 222 - 265 kW (302 - 360 PS) Vehicle 290.23, 320 CV, 340 CV, C 260.19, C 260.26, C 290, FR 1, FR1 E1, FR1 GT, FR1 T1, FR1 T3, G 290, G 290.15 T, G 290.19, G 290.19 T, G 290.21 T, G 290.24, G 290.26, G 320, G 320.19, G 320.19 T, G 320.21 T, G 320.23 T, G 320.24, G 320.26, G 330, Maxter 340 TI, PR 180, R 330, R 330.17, R 339.19, R 339.19 T, R 330.24 1993...	6	120.00	83.80 -0.80/-1.10 -23.34 134.80 MØ=74.00	50.00 97.40	9321 000 3.500T Cr 3.000K P 4.000DY Cr	2939 000 120.00 AP	4939 000	5214 000 K=135.00 L=257.00 H+F=9.35+0.75 D=147.50 FF  2 VI 129x2 2 VI 134x5.5 5215 000 K=135.00 L=260.50 H+F=9.38+0.80 D=147.30 FF PHS  2 VI 128x2 3 VI 123x4 5210 000 K=135.00 L=260.50 H+F=9.28+0.80 D=147.00 FF PHS  2 VI 128x2 3 VI 124x3	8937 K,S 8939 K,S 8946 K,S
Diesel Engine M 420, MDX 16 M, MDX 24 M, MDX 26 M, MDX 44 M, MDX 44 M 3, MDX 46 M, MDX 48 M, MDXM 16.5:1 6328 cm ³ 88.5 kW (120 PS) Vehicle RENAULT TRUCKS 6-8 Series G-P-T-R Series 1957...1977 Diesel Engine MDU 24 M, MDU 25 M, MDU 44 M, MDUMK, MDU 44 M 3, MDU 45 M, MDU 46 M 3 17:1 7917 cm ³ 111 kW (151 PS) Vehicle RENAULT TRUCKS 6-8 Series G-P-T-R Series 1957...1977 Diesel Engine M 620 2, M 620 23, M 620 P, M 620 T 17:1 9500 cm ³ 132.5 kW (180 PS) Vehicle RENAULT TRUCKS 6-8 Series G-P-T-R Series 1957...1977	4	120.00	90.20 - -44.80 147.00 MØ=48.00	45.00 100.00	9325 000 3.250T Cr 3.000K IF P 3.000K IF P 6.000DY Cr	1330 000 120.00 AP	3330 000	5220 000 K=133.00 L=275.00 H+F=10.05+0.90 D=149.00 FF  1 R 128x4	7330 K,S

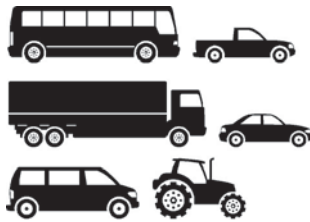
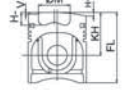
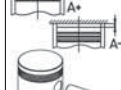
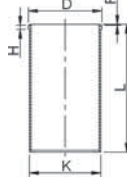
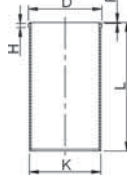


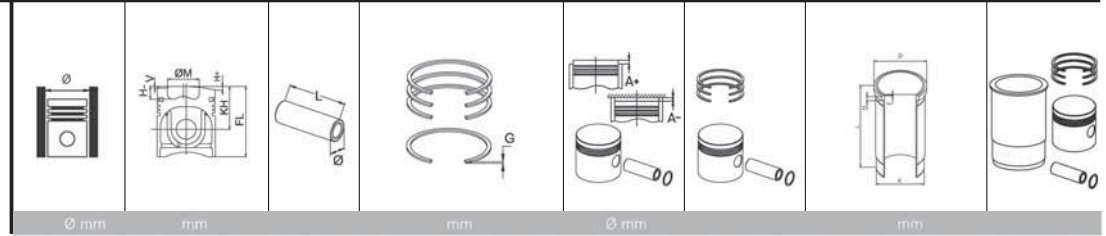
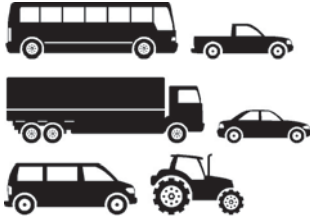
Diesel Engine MIDR 623,56 11160 cm ³ 294 kW (400 PS)	6	123.00	78.30 -0.90/-1.20 -24.10 120.30 MØ=75.00 	50.00 97.40	9316 000 3.500T IW Cr 3.000K IFU P 4.000DY Cr	1316 000 123.00 AP	3316 000	5227 000 K=134.92 L=257.00 H+F=9.35+0.70 D=147.50 FF  2 VI 129x2 2 VI 134x5.5	7316 K,S
			78.30 -0.90/-1.20 -24.10 120.30 MØ=75.50 	50.00 97.40 PDB	9316 000 3.500T IW Cr 3.000K IFU P 4.000DY Cr	1319 000 123.00 AP	3319 000	5227 000 K=134.92 L=257.00 H+F=9.35+0.70 D=147.50 FF  2 VI 129x2 2 VI 134x5.5	7139 K,S
Diesel Engine DXI 11 380/440 Euro 3 321 kW (436 PS)	6	123.00						5228 000 K=139.00 L=249.50 H+F=11.20+0.85 D=149.00 FF 	
Diesel Engine MIDR 635.40 12024 cm ³ 226 kW (307.5 PS) Vehicle Serie 305/310, PX30, R 310 T 1979...	6	135.03	90.30 -0.80 -29.12 170.10 MØ=78.00 	55.00 112.00	9320 000 3.500T Cr 3.000K Cr 4.000DY Cr	1320 000 135.03 AP	3320 000	5320 000 K=143.00 L=286.00 H+F=7.00 D=147.00 FF PHS 	7320 K,S
								5322 000 K=143.00 L=286.00 H+F=7.35 D=148.90 FF PHS	7106 K,S



Diesel Engine M 635/40/40 A/40 C/40 E 12024 cm ³ 176.5 - 184 kW (240 - 250 PS) Vehicle GBE 12, GBH 12, GLM 12, GPR 12, PMH 12, TBE 12, TLM 12, GR12,TF 12, TR 12, RF 12, PM 5, PM 6, GBH 6, GR 250, GLR 250, GPR 250, TR 250, TL 250, GR 260, TBH 260, TR 260, TR 280 1964...1973	6	135.03	90.30 - -43.90 170.20 MØ=53.00 	50.00 115.40	9322 000 3.500T CrP 3.000K IF P 3.000K IF P 6.000DY CrP	1322 000 135.03 AP	3322 000	5320 000 K=143.00 L=286.00 H+F=7.00 D=147.00 FF PHS 	7107 K,S
								5322 000 K=143.00 L=286.00 H+F=7.35 D=148.90 FF PHS	7322 K,S
Diesel Engine MS 635 T , MDS 635.40 12000 cm ³ 191.5 - 206 - 224 kW (260 - 280 - 306 PS) Vehicle Tractor TR 280,TLR 280 M 3, GR 280 N, -L, -EL,GBH 2800 N, GR 305, GRH 305, TRH 305.310	6	135.03	90.30 -0.80 -40.90 170.20 MØ=57.00 	50.00 115.40	9322 000 3.500T CrP 3.000K IF P 3.000K IF P 6.000DY CrP	1323 000 135.03 AP	3323 000	5320 000 K=143.00 L=286.00 H+F=7.00 D=147.00 FF PHS 	7323 K,S
								5322 000 K=143.00 L=286.00 H+F=7.35 D=148.90 FF PHS	7108 K,S

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine MIDR 635.40 206 kW (280 PS) Vehicle GBH 280,CBH 280	12024 cm ³ 1982...	6 135.03	90.30 -0.80 -29.12 170.20 MØ=78.00 	55.00 112.00	9324 000 3.500T CrP 3.000K IF P 6.000DY CrP	1324 000 135.03 AP	3324 000	5320 000 K=143.00 L=286.00 H+F=7.00 D=147.00 FF PHS 	7324 K,S
								5322 000 K=143.00 L=286.00 H+F=7.35 D=148.90 FF PHS	7109 K,S
Diesel Engine MIDR 635.40 G/ H 2 255 - 275 kW (346 - 374 PS) Vehicle R 340,R350,R365,R380, AE 380	12024 cm ³ 1987...	8 135.03	90.30 -0.80 -26.03 170.20 MØ=78.00 	55.00 112.00	9941 000 4.000T Cr 3.000D IF Cr 4.000DY Cr	1329 000 135.03 AP	3329 000	5320 000 K=143.00 L=286.00 H+F=7.00 D=147.00 FF PHS 	7329 K,S
								5322 000 K=143.00 L=286.00 H+F=7.35 D=148.90 FF PHS	7111 K,S
								5323 000 K=143.00 L=287.60 H+F=7.58+1.02 D=149.00 FF PHS	7112 K,S

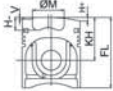
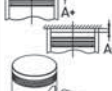
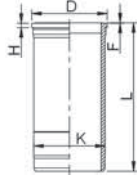
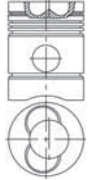
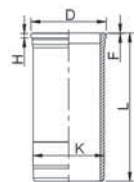
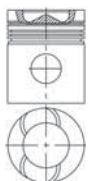
										
			Ø mm	mm	mm	mm	Ø mm	mm	mm	
Diesel Engine MIDR 0635.40 L1 12024 cm³ 283 kW (385 PS) Vehicle AE 385, R 385 07/1996...	6	135.03	90.40 -0.70 -24.00 149.40 MØ=78.00  	55.00 108.00 PDB	9941 000 4.000T Cr 3.000D IF Cr 4.000DY Cr	2938 000 135.03 AP	4938 000	5323 000 K=143.00 L=287.60 H+F=7.58+1.02 D=149.00 FF PHS 		8938 K,S
	8		90.40 -0.70 -24.00 149.40 MØ=78.00  	55.00 108.00	9941 000 4.000T Cr 3.000D IF Cr 4.000DY Cr	2940 000 135.03 AP	4940 000			
Diesel Engine MIDR 635.40 J 3 EURO 1 12024 cm³ 305 kW (415 PS) Vehicle AE 385, AE420, MAJOR 385, MAJOR 420, GBH 320, CBH 320, CLM 320, CBH385, GBH 385, CLM 385 07/1996...	6	135.03	90.40 -0.70 -21.80 149.40 MØ=78.00  	55.00 108.00	9941 000 4.000T Cr 3.000D IF Cr 4.000DY Cr	2941 000 135.03 AP	4941 000	5323 000 K=143.00 L=287.60 H+F=7.58+1.02 D=149.00 FF PHS 		8941 K,S
	6		90.40 -0.80 -21.8 149.40 MØ=78.00  	55.00 108.00 PDB	9941 000 4.000T Cr 3.000D IF Cr 4.000DY Cr	2944 000 135.03 AP	4944 000			
Diesel Engine MIDR 635.40 M 3 EURO 1 12024 cm³ 235 kW (320 PS) Vehicle AE 385, AE 420, MAJOR 385. MAJOR 420, GBH 320, CBH 320, CLM 320, CBH 385, GBH 385, CLM 385 07/1996...	6									
Diesel Engine MIDR 635.40 N 3 EURO 1 12024 cm³ 283 kW (385 PS) Vehicle AE 385, AE 420, MAJOR 385, MAJOR 420, GBH 320, CBH 320, CLM 320, CBH 385, GBH 385, CLM 385 07/1996...	6									



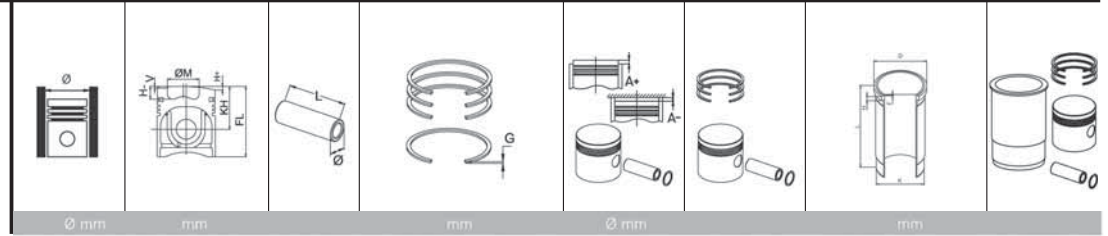
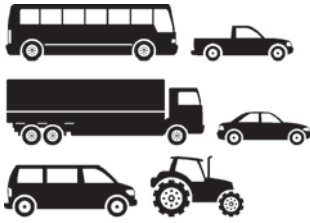
Diesel Engine D 10 UT 150 Euro I Turbo Intercooled 10350 cm ³ 150 kW (204 PS) Vehicle Commercial 1995...	6	121.00	94.00 -2.40 -16.40/-28.00 155.00 MØ=73.40 	45.00 102.00	9583 000 3.500T Cr 2.000D IF Cr 3.500DY Cr	1583 000 121.00 AP	3583 000	5587 000 K=125.98 L=287.00 H+F=8.00 D=131.80 FF 	7060 K,S
Diesel Engine D 10 TC Euro 2 Turbo Intercooled 10350 cm ³ 150 kW (204 PS) Vehicle 1997...	6	121.00	94.00 - -24.90 155.00 MØ=69.00 	45.00 102.00	9583 000 3.500T Cr 2.000D IF Cr 3.500DY Cr	1580 000 121.00 AP	3580 000	5588 000 K=125.98 L=287.00 H+F=8.06 D=131.80 FF 	7580 K,S

ROLLS ROYCE

Diesel Engine C6N, C6RH, C6T 12170 cm ³ Diesel Engine C8N, C8T 16224 cm ³	6	130.18						5931 000 K=144.06 L=307.00 H+F=12.70+0.60 D=154.82 SF 	
	8								

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine D 5 5200 cm ³ 75 kW (102 PS) Vehicle L 36, L 50 1967...1969 Diesel Engine D 8 7800 cm ³ 115 kW (157 PS) Vehicle L 56, L66 1962...1969 L80, LB 80, L 81, LB 81, L 85, LB 85, LBS 85, L 86, LB 86, LS86 1967...1969	4	115.00	96.20 -2.50 -19.20 158.10 MØ=73.80	42.00 98.00	9913 000 3.000D CrP 3.000D IF P 3.000D IF P 6.000DC CrP 6.000DC P	2913 000 115.00 AP	4913 000	5913 000 K=129.95 L=271.00 H+F=8.05+0.70 D=137.30 FF  3 VI 103x4	8913 K,S
	6							5973 000 K=129.95 L=271.00 H+F=8.05+0.70 D=137.30 FF PHS 3 VI 103x4	8929 K,S
Diesel Engine DS 801 LB 14/15/16 7786 cm ³ 123 kW (163 PS) Vehicle K 414, K 414 B, LB 81, LB 86, LBS 86 1975...1980 Diesel Engine DS 8-05, DS 8-06 LO 7786 cm ³ 144 - 155 kW (190 - 205 PS) Vehicle K 414, K 414 B, P 82 H, P 82 M, T 82 H, T 82 M 1981...1986	6	115.00	96.20 -2.50 -18.10 150.10 MØ=75.30	46.00 96.00	9914 000 2.385D Cr 2.385K 2.385K 4.747DY Cr	2914 000 115.00 AP	4914 000	5911 000 K=129.95 L=271.00 H+F=8.20+0.80 D=137.30 FF  3 VI 129.5x4	8914 K,S
	6							5913 000 K=129.95 L=271.00 H+F=8.05+0.70 D=137.30 FF 3 VI 103x4	7145 K,S
								5973 000 K=129.95 L=271.00 H+F=8.05+0.70 D=137.30 FF PHS 3 VI 103x4	8931 K,S

		Ø mm	mm		mm		Ø mm		mm	
Diesel Engine DS 9.05/06/08 155 - 167 - 185 kW (211 - 227 - 252 PS) Vehicle Baureihe 93 Motor Nr...5100 247... ...06/1987	8471 cm³	6	115.00	87.40 -2.40 -20.23 139.40 MØ=69.00 	50.00 92.00	9522 000 3.160T Cr 2.385K P 4.747DY Cr	2522 000 115.00 AP Pist. Ç k nt s +0.07 / +0.50	4522 000	5911 000 K=129.95 L=271.00 H+F=8.20+0.80 D=137.30 FF 3 VI 129.5x4	7142 K,S
Diesel Engine DS 9.05/06/08 155 - 167 - 185 kW (211 - 227 - 252 PS) Vehicle Baureihe 93 Motor Nr...5100 248... 06/1987...1992	8471 cm³								5912 000 K=127.95 L=265.00 H+F=10.25+0.80 D=140.70 FF 1 VI 12x12 2 VI 129.5	8522 K,S
Diesel Engine D 5 75 kW (102 PS) Vehicle L 36, L 50 1967...1969	5200 cm³	4	115.00	96.20 - -19.20 158.10 MØ=73.80 	42.00 98.00	9913 000 3.00 D CrP 3.00 D IF P 3.00 D IF P 6.00 DC CrP 6.00 DC P	2898 000 115.00 AP	4898 000	5913 000 K=129.95 L=271.00 H+F=8.05+0.70 D=137.30 FF 3 VI 103x4	8898 K,S
Diesel Engine D 8 115 kW (157 PS) Vehicle L 56,L66 1962...1969 L80,LB 80,L 81, LB 81,L 85, LB 85, LBS 85,L 86,LB 86,LS86 1967...1969	7800 cm³	6							5973 000 K=129.95 L=271.00 H+F=8.05+0.70 D=137.30 FF PHS 3 VI 103x4	8935 K,S



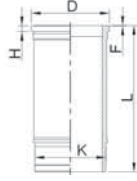
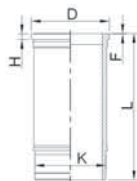
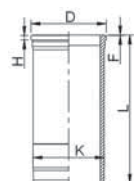
Diesel Engine

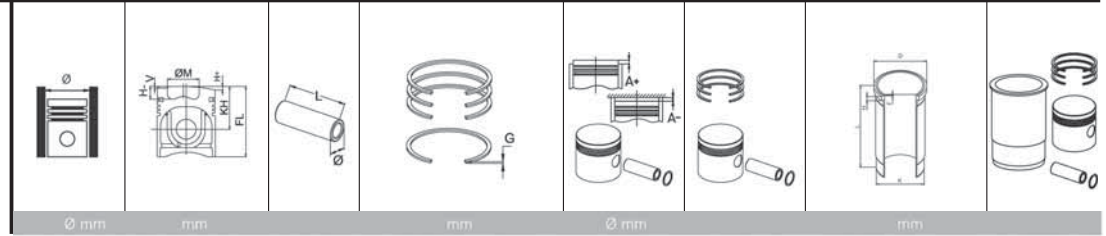
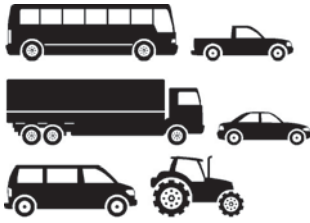
DSC9 Euro 2
Turbo Intercooled

8471 cm³

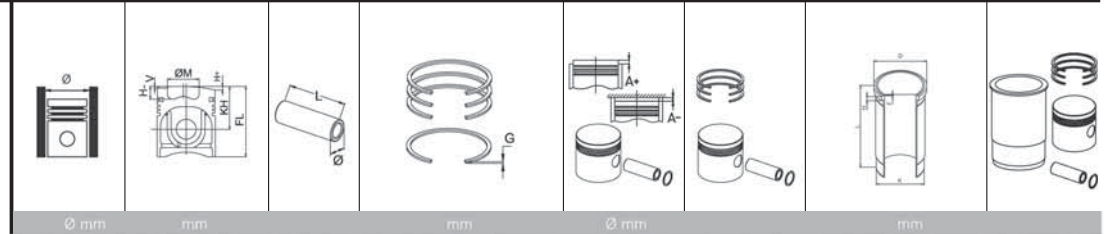
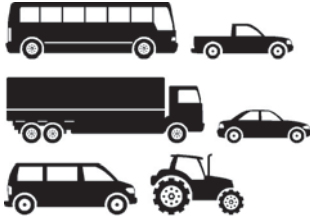
Vehicle

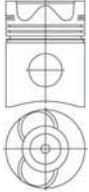
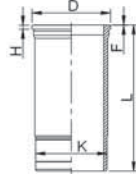
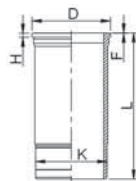
07/1996...

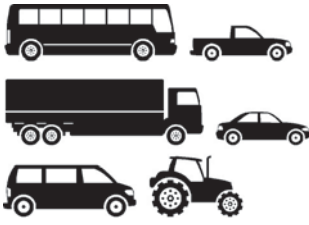
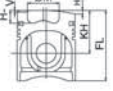
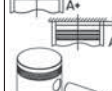
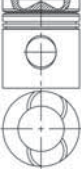
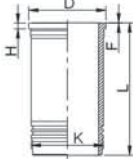
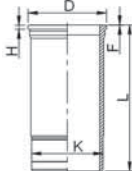
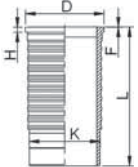
6	115.00	83.40 -0.5 -20.5 130.90 MØ=71.50	50.00 92.00	9525 000 3.160T IW CrP 2.385K P 3.500DY CrP	2525 000 115.00 AP	4525 000	5912 000 K=127.95 L=265.00 H+F=10.25+0.80 D=140.70 FF  1 VI 12x12 2 VI 129.5	8524 K,S
							5916 000 K=128.00 L=258.00 H+F=8.20+0.80 D=140.75 FF  3 VI 129.5x4	8526 K,S
							5911 000 K=129.95 L=271.00 H+F=8.20+0.80 D=137.30 FF  3 VI 129.5x4	8525 K,S

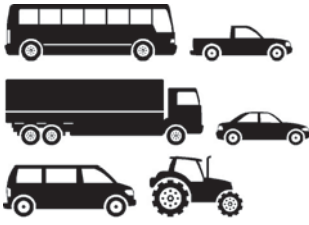
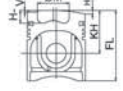
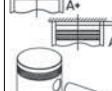
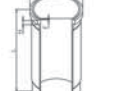
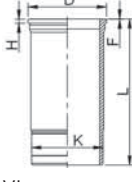
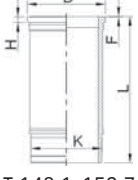
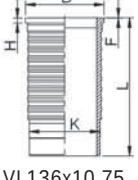
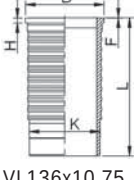


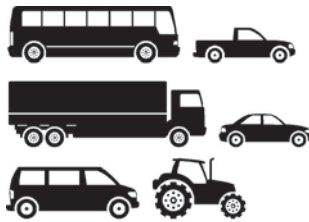
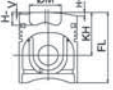
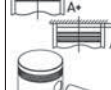
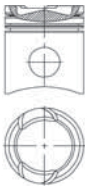
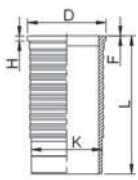
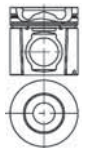
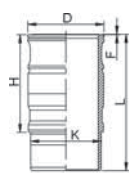
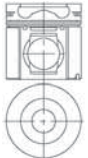
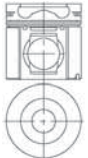
Diesel Engine V Motor, DS 14 257.5 kW (350 PS) 14200 cm ³ Vehicle L/LB/LS/LBS/LBT/ 140, LT 145 1969...1976 Diesel Engine V Motor, DS 14.06 276 - 285 - 291 kW (375 - 388 - 396 PS) Vehicle 141,142,146 1977... Diesel Engine V Motor, DS 14 .01/02, DSI 14, DSC 14.01/02 14200 cm ³ 309 - 316 kW (420 - 430 PS) Vehicle L/LB/LS/LBS/LBT 141 S/T112 E/R 142 E/H/M/MA/R 142 H/T142 H/146 1983...	6	127.00	94.67 -2.92 -26.20 146.67 MØ=75.50	50.00 108.00	9002 000 3.160T IW CrP 2.385K IW P 4.747DY Cr	2902 000 127.00 AP Pist. Ç k nt s Conta ile birlikte +0.95 / +1.35	4902 000	5924 000 K=140.00 L=276.00 H+F=10.05+0.40 D=156.00 FF 1 VI 138x143x11 2 VI 140x4	8902 K,S
Diesel Engine DS 11.01 11000 cm ³ 202.5 kW (275 PS) Vehicle L/LS/LB/LBS/ 1110 S Motor Nr:...880 840 ... 08/1973...1975 Diesel Engine DS 11.01/02/14/15/18 11000 cm ³ 206 - 218 - 224 - 245 kW (280 - 296 - 305 - 333 PS) Vehicle L/LB/LS/LT/LBS/LBT/ 111 S LT/LBT/ 111 BB,LBT 111 FB SBAT 111,,T 112 H/E, B 116, P 112 M/MA/H/E 1975...1988	6	127.00	98.76 -2.90 -27.06 156.26 MØ=76.00	50.00 108.00	9918 000 2.385D Mo 2.385K IW Cr 4.747DY	1918 000 127.00 AP	3918 000	5917 000 K=140.00 L=291.00 H+F=8.20+0.80 D=153.80 FF 3 VI 5918 000 K=140.00 L=291.00 H+F=7.90+0.80 D=153.80 FF 1 T 148.1x153.7x0.3 3 VI 140x4	7073 K,S 7918 K,S
			98.76 -2.90 -27.06 156.26 MØ=76.00	50.00 108.00	9919 000 2.385D Mo 2.385K IW 2.385K IW 4.747DY Cr	1919 000 127.00 AP	3919 000	5917 000 K=140.00 L=291.00 H+F=8.20+0.80 D=153.80 FF 3 VI 5918 000 K=140.00 L=291.00 H+F=7.90+0.80 D=153.80 FF 1 T 148.1x153.7x0.3 3 VI 140x4	7919 K,S 7920 K,S

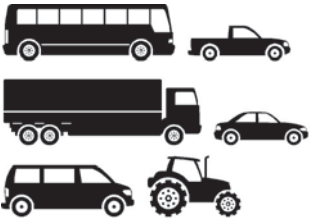
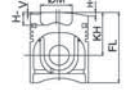
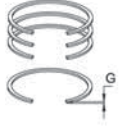
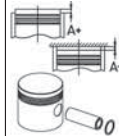
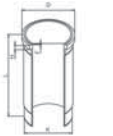
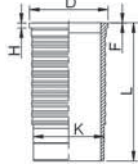
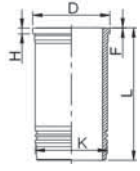
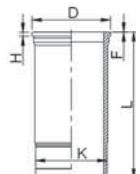


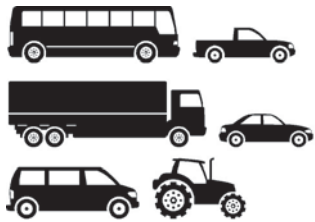
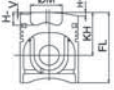
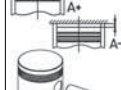
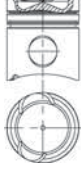
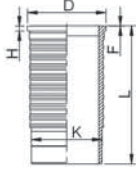
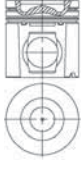
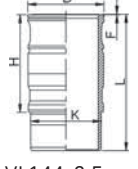
Diesel Engine DS 11 11000 cm ³ 202.5 kW (275 PS) Vehicle L 76 1966... L/LB/LBS/LBT/LS/LT 110 S 1966...061973	6	127.00	98.50 -2.50 -26.80 166.00 MØ=75.60 	47.00 108.00	9617 000 2.500D IF MoP 2.000K IF P 3.000DY CrP	1917 000 127.00 AP	3917 000	5917 000 K=140.00 L=291.00 H+F=8.20+0.80 D=153.80 FF  3 VI	7917 K,S
Diesel Engine DS 11.41 11000 cm ³ Vehicle Case-Tractoren (USA), Land-Baumaschine Motor Nr:...5247392 1978...1988	6	127.00	98.76 -2.90 -25.41 156.26 MØ=76.00 	50.00 108.00	9527 000 3.160T IW Cr 2.385K IW 2.385K IW 4.747DY Cr	2527 000 127.00 AP	4527 000	5917 000 K=140.00 L=291.00 H+F=8.20+0.80 D=153.80 FF  3 VI	7074 K,S
								5918 000 K=140.00 L=291.00 H+F=7.90+0.80 D=153.80 FF 1 T 148.1x153.7x0.3 3 VI 140x4	8527 K,S

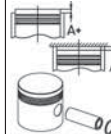
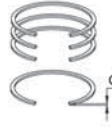
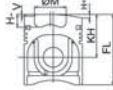
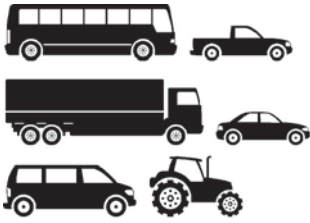
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine DS 11.34/73 DSC 11.12/13/16/17/18 11015 cm ³ 230 - 265 kW (313 - 360 PS) Vehicle Baureihe 113 1987...	6	127.00	98.76 -2.96 -24.50 156.26 MØ=75.50	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2528 000 127.00 AP Pist. Ç k nt s -0.14 / +0.15	4528 000	5914 000 K=140.00 L=291.00 H+F=8.20+0.80 D=153.80 FF PHS	7099 K,S
									
								5917 000 K=140.00 L=291.00 H+F=8.20+0.80 D=153.80 FF	7075 K,S
									
								3 VI	
								5918 000 K=140.00 L=291.00 H+F=7.90+0.80 D=153.80 FF 1 T 148.1x153.7x0.3 3 VI 140x4	8528 K,S
Diesel Engine V Motor DSC 14.05/06 14181 cm ³ 290 - 309 kW (394 - 420 PS) Vehicle R 142, T 142 1986...	6	127.00	94.67 -2.92 -24.00 146.67 MØ=74.60	50.00 105.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2530 000 127.00 AP Pist. Ç k nt s Conta ile birlikte +0.95 / +1.35	4530 000	5924 000 K=140.00 L=276.00 H+F=10.05+0.40 D=156.00 FF	8530 K,S
									
								1 VI 138x143x11 2 VI 140x4	

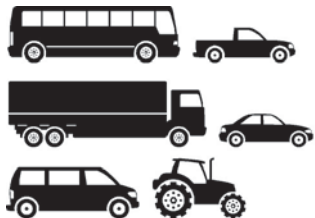
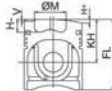
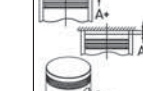
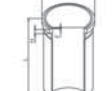
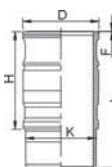
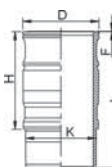
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine DS / DSC	6	127.00	98.76 -2.96 -16.52 156.26 MØ=90.00 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2891 000 127.00 AP	4891 000	5917 000 K=140.00 L=291.00 H+F=8.20+0.80 D=153.80 FF 	8891 K,S
	6	127.00	98.76 -2.96 -16.52 156.26 MØ=90.00 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2895 000 127.00 AP	4895 000	5927 000 K=140.00 L=291.00 H+F=7.92+0.80 D=153.80 FF 	8895 K,S
	6	127.00	98.76 -2.96 -16.52 156.26 MØ=90.00 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2895 000 127.00 AP	4895 000	5928 000 K=140.00 L=291.00 H+F=8.20+0.80 D=153.80 FF 3 VI 140x4	8896 K,S
Diesel Engine V motor, DSC 14,08/14,10 DSC 14,09 Euro1 14181 cm ³ 309 - 368 kW (420 - 500 PS) Vehicle R/T 143 1993 ...	8	127.00	96.67 -2.92 -15.92 146.67 MØ=89.35 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2894 000 127.00 AP	4894 000	5925 000 K=140.00 L=276.00 H+F=10.05+0.40 D=156.00 FF 	8894 K,S
	8	127.00	96.67 -2.92 -15.92 146.67 MØ=89.35 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2894 000 127.00 AP	4894 000	5926 000 K=140.00 L=291.00 H+F=7.90+0.80 D=153.80 FF 1 T 148,1x153,7x0,3 1 VI 137x142,2x10,8 2 VI 140x4	8893 K,S
	8	127.00	96.67 -2.92 -15.92 146.67 MØ=89.35 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2894 000 127.00 AP	4894 000	5925 000 K=140.00 L=276.00 H+F=10.05+0.40 D=156.00 FF 	8894 K,S

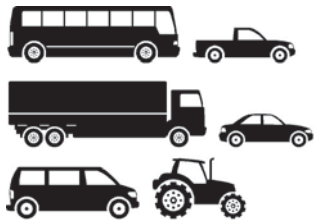
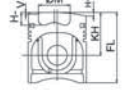
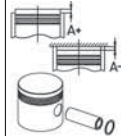
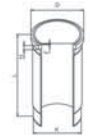
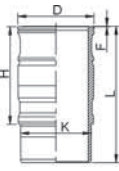
									
	Ø mm	mm		mm		Ø mm		mm	
Diesel Engine DSC 14.09, Euro 1, V8 Diesel, 14181cm ³ 368 kW (500 PS), Turbo, LLK Vehicle R 143, T 143	8	127.00	94.67 -2.98 -15.92 146.67 MØ=89.35 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2889 000 127.00 AP HA YS Pist. Ç k nt s Conta ile birlikte +0.95 / +1.35	4889 000	5925 000 K=140.00 L=276.00 H+F=10.05+0.40 D=156.00 FF  1 VI 136x10.75 2 VI 140x4	8889 K,S
Diesel Engine DC 16 V 8, Turbo, LLK 15600 cm ³ 353 - 426 kW (480 - 579 PS) Vehicle R 124 LA 400 1996... 1996... 1996...	8	127.00	85.040 - -22.15 129.040 MØ=78.00 	54.00 106.00	9003 000 3.500T IW Mo 2.385K IW 3.500DY Cr	2886 000 127.00 AP	4886 000	5922 000 K=139.00 L=271.10 H+F=194.27 D=150.00 FF  1 VI 144x2.5 1 VI 148X4	8886 K,S
Diesel Engine DSC 12.01 Euro 2, Turbo, LLK 11700 cm ³ 265 - 325 kW (360 - 442 PS) Vehicle R 124 LA 400 1996...	6				9003 000 3.500T IW Mo 2.385K IW 3.500DY Cr	2888 000 127.00 AP	4888 000		
Diesel Engine DSC 12.02 Euro3, Turbo, LLK 11700 cm ³ 265 - 325 kW (360 - 442 PS) Vehicle R 124 LA 400 1996...	6		85.040 - -22.15 129.040 MØ=78.00 	54.00 106.00 PDB					
Diesel Engine DSC 12.05 Euro3, Turbo, LLK 11700 cm ³ 309 kW (420 PS) Vehicle R 124 LA 400 1996...	6								
Diesel Engine DSC 16.01 Euro3, Turbo, LLK 15600 cm ³ 309 kW (420 PS) Vehicle R 164 1998...2002	8								

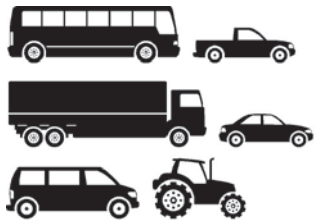
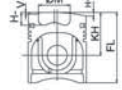
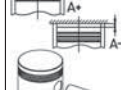
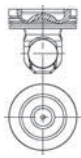
									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine DSC 14.03/14.04/14.08/14.09/14.10 DSC 14.16, V 8 Turbo, LLK 14181 cm³ 331 - 346 kW (450 - 470PS) Vehicle 143, Stationary Engine	8	127.00	94.67 -2.92 -23.85 146.67 MØ=75.50 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2887 000 127.00 AP YS HA	4887 000	5925 000 K=140.00 L=276.00 H+F=10.05+0.40 D=156.00 FF  1 VI 136x10.75 2 VI 140x4	8887 K,S
Diesel Engine DS 113	6	127.00					5914 000 K=140.00 L=291.00 H+F=8.20+0.80 D=153.80 FF PHS 		
Diesel Engine D 11 10998 cm³ 149-153 kW (203-208 PS) Vehicle H, L 110/111, LB 110/111, LBS 111 LS 111, SBA 111, T 112 E 1975...1981 Diesel Engine DN 11.01 Engine no. 880840 ... 11018 cm³ 149-153 kW (203-208 PS) Vehicle L 110, LB 110 09.1973...1975 Diesel Engine DN 11.01 11019 cm³ 149-153 kW (203-208 PS) Vehicle H, L 111, LB 111, LBS 111, LS 111, SBA 111, T 112 E 1975...1981 Diesel Engine DSC 11.01 Turbo 11018 cm³ 252 kW (343 PS) Vehicle 112 1986...	6	127.00					5919 000 K=140.00 L=291.00 H+F=7.90+0.80 D=153.80 FF 		

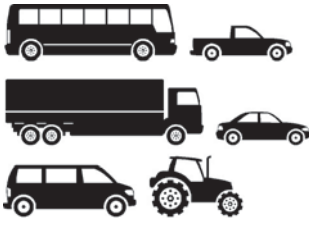
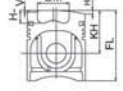
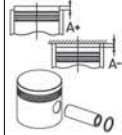
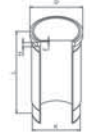
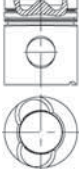
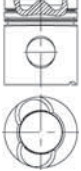
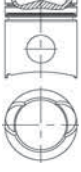
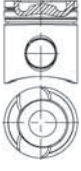
									
		Ø mm	mm		mm	Ø mm		mm	
Diesel Engine DS 14.41, DS 14.47, DS 14.50, DS 14.56, DS 14.60, DS 14.61, DS 14.63 V8 Diesel, Einbaumotor, 15:1 14180 cm ³ 340 kW (462 PS) Vehicle Stationary Engine 1988...	8	127.00	94.67 -3.00 -19.00 146.67 MØ=89.20 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2890 000 127.00 AP HA YS	4890 000	5923 000 K=140.00 L=275.50 H+F=10.05+0.40 D=156.00 FF	8890 K,S
Diesel Engine DSC 14.61 Turbo, LLK, Einbaumotor Motor-Nr. 5512870... V8 Diesel, 15:1 14181 cm ³ 340 kW (462 PS) Vehicle Stationary Engine 1988...	8								
Diesel Engine DSC 14.03, DSC 14.04, DSC 14.08, DSC 14.09, DSC 14.10, DSC 14.16 V 8 Diesel, 16:1 Turbo, Intercooler 14181 cm ³ 331 - 346 kW (450 - 470 PS) Vehicle R142,R143,T142,T143, Stationary Engine 1980...1996	8	127.00	94.67 -2.92 -23.85 146.67 MØ=75.50 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2882 000 127.00 AP	4882 000	5925 000 K=140.00 L=276.00 H+F=10.05+0.40 D=156.00 FF  1 VI 136x10.75 2 VI 140x4	8882 K,S
Diesel Engine DC 11.03 Euro 3, Charge Intercooling, Pump-Nozzle-Injection, 24 Valves 10640 cm ³ 250 kW (340 PS) Vehicle SCANIA K 114 08/1997... SCANIA P 114, R 114, T 114 02/1996...09/2004	6	127.00	92.04 - -21.15 136.04 MØ=75.10 	54.00 106.00	9003 000 3.500T IW Mo 2.385K IW 3.500DY Cr	1920 000 127.00 AP	3920 000	5922 000 K=139.00 L=271.10 H+F=194.27 D=150.00 FF  1 VI 144x2.5 1 VI 148X4	7921 K,S
Diesel Engine DC 11.04 Euro 3, Charge Intercooling, Pump-Nozzle-Injection, 24 Valves 10640 cm ³ 280 kW (380 PS) Vehicle SCANIA Century 12.35 11/1999... SCANIA K 114 08/1997... SCANIA P 114, R 114, T 114 02/1996...09/2004	6								

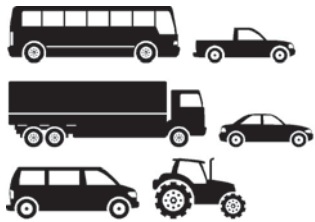
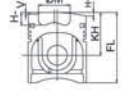
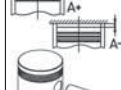
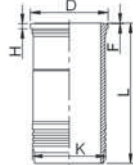
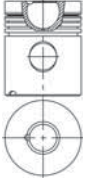
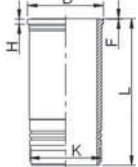
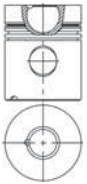
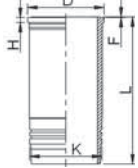
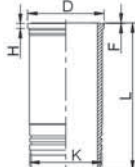
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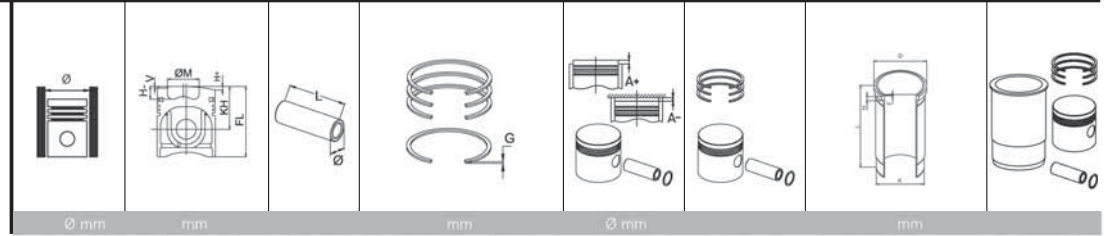
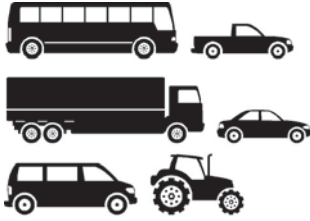
									
		Ø mm	mm		mm	Ø mm		mm	
Diesel Engine DC 12.01 Euro 3 18:1 Charge intercooling Diesel direct injection Pump-nozzle-injection 11716 cm³ 309 kW (420 PS)	6	127.00	85.21 - -22.15 125.21 MØ=78.00	54.00 106.00	9003 000 3.500T IW Cr 2.385K IW 3.500DY Cr	2918 000 127.00	4918 000	5922 000 K=139.00 L=271.10 H+F=194.27 D=150.00 FF 	7924 K,S
Vehicle Century 12.37 Century 12.85 Century 13.37 K 124 08.1997...08.2002 P 124 09.1995...02.2002 R 124 09.1995...01.2002 T 124 09.1995	6								1 VI 144x2.5 1 VI 148X4
Diesel Engine DC 12.02 Euro 3 18:1 Charge intercooling Diesel direct injection Pump-nozzle-injection 11716 cm³ 294 kW (400 PS)									
Vehicle K 124 08.1997...02.2002 P 124 09.1995...09.2004 R 124 09.1995...09.2004 T 124 03.1995...09.2004									
Diesel Engine DC 12.03 Euro 3 18:1 Charge intercooling Diesel direct injection Pump-nozzle-injection 11716 cm³ 309 kW (420 PS)	6								
Vehicle Century 12.37 Century 13.37 K 124 09.2002 ... P 124 09.1995...09.2004 R 124 09.1995...09.2004 T 124 03.1995...09.2004									

									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine DC 12.09 Euro 3 18:1 Charge intercooling Diesel direct injection Pump-nozzle-injection 11716 cm³ 309 kW (420 PS) Vehicle ENGINE 09.1995...	6	127.00	85.21 - -22.15 125.21 MØ=78.00 	54.00 106.00	9003 000 3.500T IW Cr 2.385K IW 3.500DY Cr	2918 000 127.00	4918 000	5922 000 K=139.00 L=271.10 H+F=194.27 D=150.00 FF  1 VI 144x2.5 1 VI 148X4	7924 K,S
Diesel Engine DSC 12.01 Euro 2 18:1 Charge intercooling Diesel direct injection Pump-nozzle-injection 11716 cm³ 294 kW (400 PS) Vehicle P 124 09.1995...09.2004 R 124 09.1995...09.2004 T 124 03.1995...09.2004	6								
Diesel Engine DSC 12.02 Euro 2 18:1 Charge intercooling Diesel direct injection Pump-nozzle-injection 11716 cm³ 265 kW (360 PS) Vehicle K 124 08.1997...02.2002 P 124 09.1995...09.2004 R 124 09.1995...09.2004 T 124 03.1995...09.2004	6								
Diesel Engine DSC 12.03 Euro 2 18:1 Charge intercooling Diesel direct injection Pump-nozzle-injection 11716 cm³ 309 kW (420 PS) Vehicle T 124 03.1995...09.2004	6								

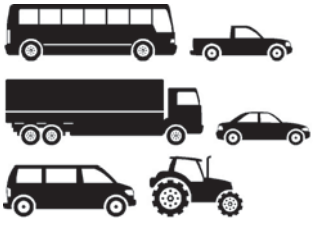
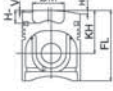
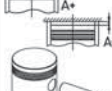
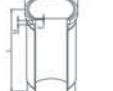
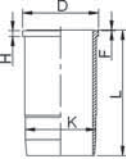
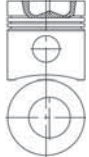
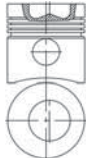
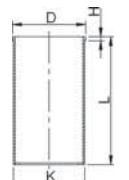
									
		Ø mm	mm		mm	Ø mm		mm	
Diesel Engine DSC 12.05 Euro 2 18:1 Charge intercooling Diesel direct injection Pump-nozzle-injection 11716 cm³ 309 kW (420PS)	6	127.00	85.21 - -22.15 125.21 MØ=78.00 	54.00 106.00	9003 000 3.500T IW Cr 2.385K IW 3.500DY Cr	2918 000 127.00	4918 000	5922 000 K=139.00 L=271.10 H+F=194.27 D=150.00 FF 	7924 K,S
Vehicle Century 12.35 05.1996... K 124 08.1997...02.2002 P 124 09.1995...02.2002 R 124 09.1995...02.2002 T 124 03.1995...09.2004									
Diesel Engine DT 12.02 Euro 3 18:1 Charge intercooling Diesel direct injection Pump-nozzle-injection 11716 cm³ 346 kW (470 PS)	6								
Vehicle P 124 09.2000... R 124 09.2000... T 124 03.1995...09.2004									
Diesel Engine DC 16.01 Euro 3 18:1 Charge intercooling Diesel direct injection Pump-nozzle-injection 15600 cm³ 427 kW (580 PS)	8								
Vehicle R 164 04.2000 ... T 164 04.2000...									

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine DSC 11.12 11018 cm ³ 228 kW (310 PS) Vehicle BUSES K 113 07/1990 ... 12/1997		6	127.00	98.76 -2.96 -24.50 156.26 MØ=75.50 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2879 000 127.00 AP	4879 000	
Diesel Engine DS111 /DSC11 16:1 11000 cm ³ Vehicle VEICULAR/MARITIMO/ ESTACIONÁRIO MOTORES SERIE 113 APOS 1990		6	127.00	98.76 -2.96 -24.50 156.26 MØ=75.50 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2879 000 127.00 AP	4879 000	
Diesel Engine DSC 14.08 Euro 1 /DSC 14.01 Euro 1 17:1 14181 cm ³ 309 - 333 kW (420 - 453 PS) Vehicle R143, T143 1988...1996		8	127.00	94.67 -2.92 -15.40 146.67 MØ=89.35 	50.00 108.00	9528 000 3.500T IW Cr 2.385K IW 4.747DY Cr	2883 000 127.00 AP	4883 000	
Diesel Engine DSC 14.13 Euro 2 V8 Diesel Turbo, LLK 17:1 14181 cm ³ 390 kW (530 PS) Vehicle 143 12/1994...12/1996 144 01/1996... Diesel Engine DSC 14.15 Euro 2 V8 Turbo, LLK 14181 cm ³ 338 kW (460 PS) Vehicle 144 01/1996...08/2001		8	127.00	94.67 -2.92 -19.59 156.26 MØ=83.00 	50.00 102.00	9003 000 3.500T IW Mo 2.385K IW 3.500DY Cr	2881 000 127.00 AP HA	4881 000	

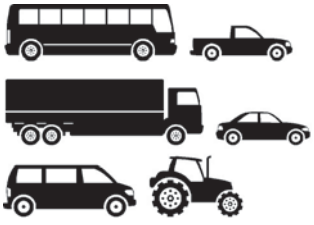
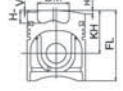
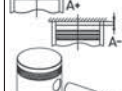
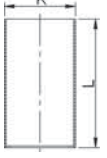
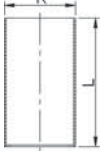
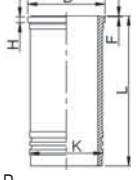
									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine 712-01/02/03/04/08 3319 cm³ 65 kW (88 PS) Diesel Engine 712-03/04 3319 cm³ 56 kW (76,2 PS) Vehicle SG 4 SG 5,SM 4, D 5 T, SG 2 MB 35, SG 2 MB 38,,SM 5, SG 4 DN/DL/DXL/DM, SG 2 D 3800, SG 2 DM 3800, SG 2 D 3500, SG 2DM 3500, Super Goelette,Super Galion 1968...1983	4	98.00					5940 000 K=113.95 L=220.70 H+F=8.00+0.85 D=120.70 FF PHS  2 R 99x3		
Diesel Engine 597 5278 cm³ 92.5 kW (126 PS) Vehicle SM 7-F 3000,F 3500, F 4000, F 4500, S M 8 F 3000 1967...	6	100.00	77.80 - -36.65 131.80 MØ=36.00 	36.00 86.00	9512 000 3.000T CrP 2.500K IF P 2.500TN P 5.000DY CrP	1946 000 100.00 AP	3946 000	5941 000 K=114.00 L=234.50 H+F=8.00+0.80 D=120.90 FF PHS 	7941 K,S
Diesel Engine 379-13 A 5489 cm³ Vehicle 797-95-130/130B/B9/B11/B13/ B14-130T, B19/TB20,TB21-150 B 11B 13-75.130.95.130-6 B 131 HB/HRIS JE/JN/JN20/60/75/80/ 90/95, JPO11/13/14,JR 19/21 /3X21,OJN60-P29 S/36/36 R/ 36 S/41 S 130-SC28/29,SC 50, SN7/8,SM 8T -TTY-SM 8 TM/TU/ TUT/TY,SM 813,SM13 1971...	6	102.00	77.80 - -38.40 131.70 	36.00 86.00	9942 000 3.000T MoP 2.500K IW P 5.000DY CrP	2920 000 102.00 AP	4920 000	5943 000 K=114.00 L=235.50 H+F=8.00+0.80 D=121.00 FF PHS  2 R 104.2x3	8920 K,S
								5944 000 K=114.00 L=234.00 H+F=8.00+0.80 D=122.50 FF PHS  2 R 104.2x3	7056 K,S

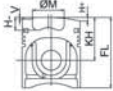


Diesel Engine 379-13 A 5489 cm ³ Vehicle 797-95-130/130B/B9/B11/B13/ B14/-130T, B19/TB20,TB21-150 B 11B 13-75.130.95.130-6 B 131 HB/HRIS JE/JN/JN20/60/75/80/ 90/95, JPO11/13/14,JR 19/21// 3X21,OJN60-P29 S/36/36 R/36 S/41 S 130-SC28/29,SC 50,SN7/8,SM 8T -TTY- SM 8 TM/TU/TUT/TY, SM 813,SM13 1971...	6	102.00	77.80 - -38.40 131.70 	36.00 86.00 	9513 000 3.000T MoP 2.500K IW P 2.500TN P 5.000DY CrP	2922 000 102.00 AP	4922 000	5942 000 K=114.00 L=234.50 H+F=8.00+0.80 D=120.90 FF PHS 	8922 K,S
Diesel Engine D 2356 HM 6 DK/HMN 5 10350 cm ³ 173 kW (235 PS) Vehicle SM 260,SM 260 HT, SM 260 MT,260 V,E 7 1974...1980	6	123.00	94.00 - -50.50 162.00 MØ=48.50 	45.00 102.00 	9594 000 3.500T CrP 3.000K IF P 3.000N P 5.500DY CrP	1594 000 123.00 AP	3594 000	5594 000 K=125.98 L=287.00 H+F=8.00 D=132.00 FF 	7594 K,S
Diesel Engine D 2530 MF, 188.5 kW (256 PS) Diesel Engine D 2538 M//MF 15945 cm ³ 235.5 kW (320 PS) Vehicle 32.256,EPG 408,EPG 5510 1973...1981	8 10	125.00	92.30 - -44.90 137.30 MØ=47.30 	46.00 97.00 	9595 000 3.000T Cr 3.000K P 5.000DY Cr	1732 000 125.00 AP Pist. Ç k nt s 0 / +0.40	3732 000	5643 000 K=139.95 L=253.00 H+F=10.07+0.90 D=151.95 FF PHS 2 VI 138x1.9 2 VI 140x3.8	7732 K,S

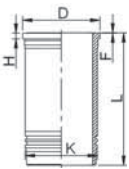
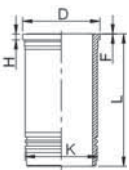
									
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Diesel Engine WD 308.40/41/45 2355 cm ³ 31 - 33 - 34.5 kW (40 - 45 - 47 PS) Vehicle 540/A, 545/A, 548 Diesel Engine WD 408.40/41/42/43 3140 cm ³ 38 - 40.4 - 44 - 46.3 kW (52 - 55 - 60 - 63 PS) Vehicle 650/A, 658/A, 760/A, 768 1962...	3	100.00	63.40 - -19.40 103.90	35.00 83.00	9960 000 2.500D IF CrP 2.500N P 5.000DY CrP	1960 000 100.00	3960 000	5960 000 K=109.37 L=197.00 H+F=9.03+0.90 D=117.95 FF PHS 	7960 K,S
	4							5961 000 K=109.37 L=197.00 H+F=9.03+0.90 D=117.95 FF CHR 2 R 108x5	7016 K,S
			63.40 - -19.40 103.90 MØ=54.00	35.00 83.00	9961 000 2.500D IF CrP 2.500D IF P 2.500N Cr 5.000DY CrP	1961 000 100.00 Pist. Ç k nt s +0.25 / +0.28	3961 000		
									
Diesel Engine WD 615 E2-3A 9726 cm ³	6	126.00	80.00 -0.65 -19.50 123.00 MØ=75.15	50.00 105.00	9965 000 3.500T IF MoP 3.000K IFU CrP 4.000DY CrP	1963 000 126.00 AP YS	3963 000	5965 000 K=130.00 L=241.00 H+F=4.78 D=134.50 FF 	7963 K,S
Diesel Engine HWD615-E3 9726 cm ³ Vehicle HOWO TRUCK		126.00	79.90 - -19.00 123.30 MØ=75.10	50.00 105.00	9965 000	1965 000 126.00 AP YS	3965 000	5965 000 K=130.00 L=241.00 H+F=4.78 D=134.50 FF 	7965 K,S

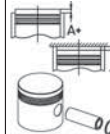
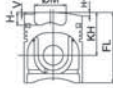
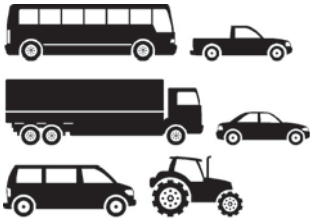
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Diesel Engine 77.12.	770 cm ³	1	98.48	63.60 - -19.50 114.40 MØ=54.00	34.925 84.100	9863 000 2.385D IF CrP 2.385D IF P 2.385K IW P 6.350DY CrP 6.350DC P	1970 000 98.48 Pist. Ç k nt s +0.60 / +0.70	3970 000	5970 000 K=112.70 L=207.40 H+F=7.10+1.40 D=121.70 FF	7970 K,S
Diesel Engine 77.16	770 cm ³	1								
Diesel Engine 77.26	1540 cm ³	2								
Diesel Engine 77.28	1540 cm ³	2								
Diesel Engine 77.32	1540 cm ³	2								

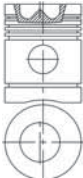
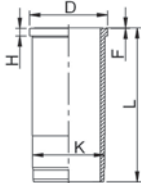
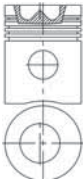
									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	
Diesel Engine 802.000 1560 cm ³ 18.5 kW (25 PS) Diesel Engine 803.000 2340 cm ³ 28 - 33 - 37.5 kW (38 - 45 - 51 PS) Diesel Engine 804.000 3120 cm ³ 41 - 51.5 kW (54 - 70 PS) Diesel Engine 806.000, 8065.01.000 4678 cm ³ 66 - 81 kW (90 - 110 PS) Vehicle 250, 255, 300, 400, 416, 450, 455, 460, 470, 480, 500, 550, 555, 615, 625, 650, 662, 900 1966...1971	2	95.00	59.65 - -23.50 101.15 MØ=42.50	32.00 82.50	9402 000 2.500D IF CrP 2.500TN P 5.500DY CrP	1402 000 95.00 Pist. Ç k nt s +0.46 / +0.79	3402 000	6020 000 K=103.03 L=187.50 SF 	S
	3								
	4								
	6				9402 040	1402 040 95.40	3402 040		
					9402 060	1402 060 95.60	3402 060		
Diesel Engine D 115.050 2696 cm ³ 39 kW (53 PS) 2400 d/d Vehicle Universal 533 DT Diesel Engine D 115 2340 cm ³ 33.1 kW (45 PS) 2400 d/d Vehicle Universal 453 Diesel Engine D 121.050 3595 cm ³ 47 kW (64 PS) 2400 d/d Vehicle Universal 643 DT Diesel Engine D 171.050 3595 cm ³ 47 kW (64 PS) 2400 d/d Vehicle Universal 643 Diesel Engine D 2404.062 3759 cm ³ 61 kW (83 PS) 2400 d/d Vehicle Universal 833 DT	3	102.00						6024 000 K=106.04 L=185.50 SF 	
	3								
	4								
	4								
	4								
	4								
Diesel Engine D 110 4760 cm ³ 48 kW (68 PS) Vehicle U 50,U 500, U 650 M, U 651 M	4	108.00	87.00 - -23.50 141.00 MØ=61.40	40.00 88.00	9030 000 3.000D 3.000K 3.000K P 6.000DY P 6.000DC P	2030 000 108.00	4030 000	6030 000 K=125.00 L=258.00 H+F=10.10+1.30 D=132.00 FF 	8030 K,S
								2 R	

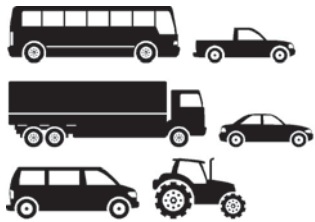
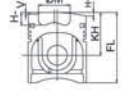
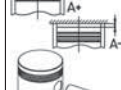
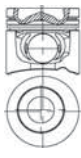
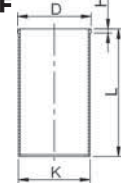
								
Diesel Engine RTK / TPL 2000 cm ³ 140 kW (160 PS) Vehicle Track Series 2.0 Turbo	6 108.00	70.65 - -19.06 106.65 	40.00 89.00	9233 000 3.000T MoP 2.500K IFU p 4.000DY CrP	2235 000 108.00 AP	4235 000		

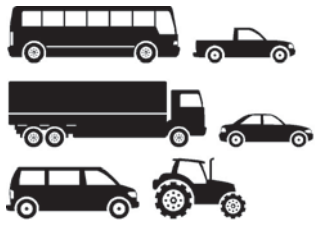
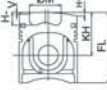
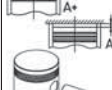
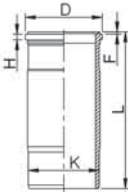
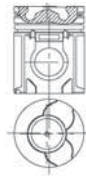
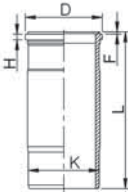
VOLVO

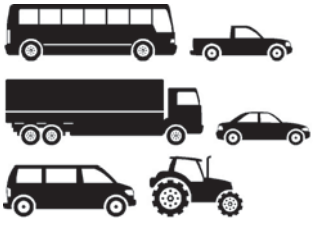
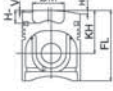
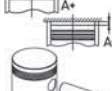
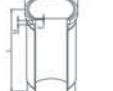
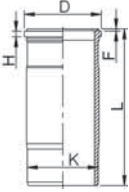
Diesel Engine KAD42A,B,P 219 cm ³ Vehicle Volvo Penta 1991...2001	6 92.01	66.65 -1.80 -19.00 101.65 MØ=43.00 	35.00 76.00	9048 000 3.000T MoP 2.500K IF MoP 4.000DY Cr	2047 000 92.00 AP HA YS	4047 000	6046 000 K=105.00 L=180.80 H+F=9.00+1.00 D=114.00 FF 	8037 K,S
Diesel Engine AD 31 XD 17,5:1 Turbo, IC, 96 kW (130 PS) Vehicle Volvo Marine engine 1993...1994 Diesel Engine TAMD 31 B 16:1 Turbo 81-96 kW (110-130 PS) Vehicle Volvo Marine engine 1989...1993 Diesel Engine TAMD 31 D 16:1 Turbo 96 kW (130 PS) Vehicle Volvo Marine engine 1993...1994 Diesel Engine TAMD 41 B 17,5:1 Turbo 3600 cm ³ 107 - 147 kW (145 - 200 PS) Vehicle Volvo Marine engine 1989...1993 Diesel Engine TAMD 41 D 17,5:1 Turbo 3600 cm ³ 107 kW (145 PS) Vehicle Volvo Marine engine 1993...1994	4 92.01 4 4 4 6 6	66.65 -1.05 -19.50 101.65 MØ=40.00 	35.00 76.00	9048 000 3.000T MoP 2.500K IF MoP 4.000DY Cr	2048 000 92.00 AP HA YS	4048 000	6046 000 K=105.00 L=180.80 H+F=9.00+1.00 D=114.00 FF 	8038 K,S

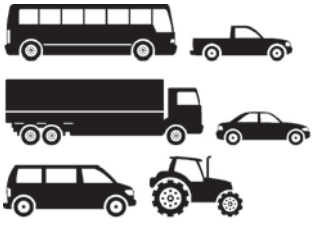
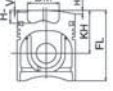
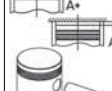
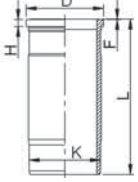
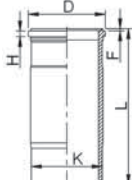
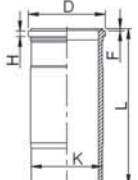
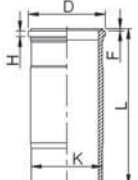
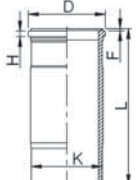


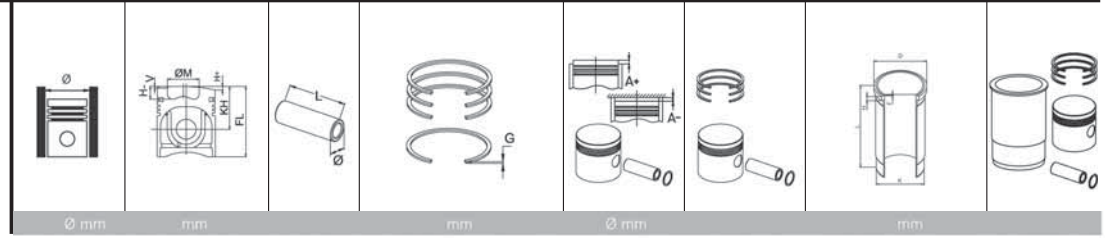
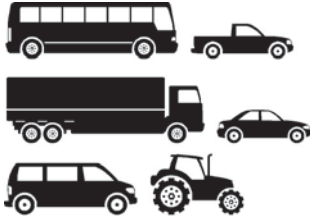
Diesel Engine D 50 A/B 78.5 - 86 kW (107 - 117 PS) Vehicle F 84,F85 1968...1974 Diesel Engine TD 50 A/B 108 - 121 kW (147 - 165 PS) Vehicle N 84, F 84,F 8/5, B 54, 1965...1975	6	95.25	79.40 - -23.90 124.40 MØ=50.00 	40.00 77.30	9049 000 2.385D IF Cr 3.160K P 3.160K P 4.747DY Cr 4.747DC P	2049 000 95.25 AP	4049 000	6050 000 K=107.95 L=234.50 H+F=11.61+0.73 D=117.00 FF  1 VI 103.5x1.6 1 R 106.7x5.7 1 SI 106.7x5.7	8049 K,S
								6040 000 K=107.95 L=234.50 H+F=11.61+0.73 D=117.00 FF PHS 1 VI 103.5x1.6 1 R 106.7x5.7 1 SI 106.7x5.7	8045 K,S
			79.40 - -23.90 124.40 MØ=50.00 	40.00 77.30	9050 000 2.385D Cr 3.160K P 3.160TN P 4.747DY Cr	2050 000 95.25 AP	4050 000		
Diesel Engine TAD 620 VE Euro 2 18,4:1 Charge intercooling Diesel direct injection 155 kW (211 PS) Vehicle Engine 00/2002...	6	98.00	50.65 - -17.50 90.65 MØ=61,06 	38.00 76.00	9717 000 3.000T IW Ck 2.030K IFU P 3.000DY StNt	1717 000 98.00 AP	3717 000	6038 000 K=101.00 L=188.00 H+F=4.50 D=105.00 FF  1 VI 103.5x1.6 1 R 106.7x5.7 1 SI 106.7x5.7	7117 K,S
								6039 000 K=101.00 L=193.00 H+F=4.50 D=105.00 FF	7137 K,S

									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine TCD 2012 Euro 3 18:1 Charge intercooling Common Rail 147 kW (200 PS) Vehicle Engine 00/2005...	6	98.00	55.150 - -17.31 90.650 MØ=61.50 	40.00 80.00	9717 000	1718 000 98.00 AP	3718 000	6038 000 K=101.00 L=188.00 H+F=4.50 D=105.00 FF 	7138 K,S
Diesel Engine T 60 B 5480 cm³ 125 - 132 kW (174 - 180 PS) Vehicle F 613,F 614, F 616, F 617, B 6F, 200 CH 1978...1985 Diesel Engine TD 61 F/G/GS/GD 5480 cm³ 111 - 152 kW (152 - 207 PS) Vehicle FL 616, FL 614, L 70 C 1986... Diesel Engine TD 60 C/D/DG, TAMD 60 C, 5480 cm³ 108 - 113 kW (147 - 154 PS) Vehicle F 610, F 611, F 612 1978...1985	6 								

									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine TD 63 E/ES/KDE, Turbo, LLK 5480 cm³ 132 - 154 kW (180 - 209 PS) Vehicle FL 608, FL 611, FL 612, FL 613, FL 614, FL 618, FL 619, 1992... L 704 1996...	6	98.43	79.40 -0.80 -20.30 124.40 MØ=53.10 	40.00 77.30	9051 000	2053 000 98.43 AP	4053 000	6035 000 K=110.00 L=237.40 H+F=9.66+3.60 D=119.10 FF 	8060 K,S
Diesel Engine TD 63 KBE/KFE Turbo, LLK 5480 cm³ 115 - 122 kW (156 - 166 PS) Vehicle L 90 01.1995...10.2002	6								
Diesel Engine D 6 A 230 Euro 2, Turbo, IC 19:1 5480 cm³ 170 kW (231 PS) Vehicle VOLVO FL 612, FL 614, FL 615, FL 618 08/1997...	6	98.43	79.40 -0.80 -19.60 124.40 MØ=53.00 	40.00 77.30	9053 000 3.500T IF Mo 2.500K IFU 3.500DY Cr	2054 000 98.43 AP HA	4054 000	6037 000 K=110.00 L=234.50 H+F=9.41+0.93 D=119.10 FF 	8066 K,S
Diesel Engine D 6 A 250 Euro 2, Turbo, IC 19:1 5480 cm³ 185 kW (252 PS) Vehicle VOLVO FL 612, FL 614, FL 615, FL 618 08/1997...	6								

		 Ø mm	 mm	 mm	 mm	 Ø mm	 mm	 mm	 mm
Diesel Engine D 6 A 180 Euro 2, Charge intercooling, Diesel Direct Injection 12 Valves, 19:1 5480 cm ³ 132 kW (180 PS) Vehicle B 6, B 6 LE, B 6 R 1991... FL 608, FL 611, FL 612, FL 614, FL 615, FL 618 1995...2000		6	98.43						6037 000 K=110.00 L=234.50 H+F=9.41+0.93 D=119.10 FF 
Diesel Engine D 6 A 210 Euro 2, Charge Intercooling, Diesel Direct Injection 12 Valves, 19:1 5480 cm ³ 154 kW (209 PS) Vehicle B 6, B 6 LE, B 6 R 1991... FL 608, FL 611, FL 612, FL 614, FL 615, FL 618 1995...2000		6							
Diesel Engine D 6 A 230 Euro 2, Charge Intercooling Diesel Direct Injection 12 Valves, 19:1 5480 cm ³ 169 kW (230 PS) Vehicle FL 612, FL 614, FL 615, FL 618 1998...		6							
Diesel Engine D 6 A 250 Euro 2, Charge Intercooling Diesel Direct Injection 12 Valves, 19:1 5480 cm ³ 184 kW (250 PS) Vehicle FL 612, FL 614, FL 615, FL 616 1995...2000		6							
Diesel Engine BF4M 2012 C Euro 2 BF6M 2012 C Euro 2 4038 cm ³ / 6057 Vehicle Volvo Endustriel Engine, Marina Engine 2000...		4	101.00	50.65 - -18.00 86.15 MØ=61.03 	38.00 76.00	9059 000 2.500T IF Cr 2.000K IFU P 3.000DY Nt	2046 000 101.00 AP	4046 000	
						9059 050	2046 050 101.50	4046 050	

										
			Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine B 7.R Turbo, LLK 210 kW (285 PS) 6700 cm ³ Vehicle Bus 1995....	6	104.775	88.55 -2.15/-3.15 -20.20 132.55 MØ=61.00	45.00 82.00	9087 000 3.500T IF Mo 2.500K IFU Cr 3.500DY Cr	2087 000 104.775 AP	4087 000	6056 000 K=117.00 L=257.00 H+F=9.40+0.70 D=129.40 FF  1 VI 114x1.6 2 EP 115.7x5.7 1 VI 115.7x5.7	8087 K,S	8097 K,S
	6									
	6									
Diesel Engine D 7.A Turbo, LLK Motor-No:...97292 Motor-No:97293... 210 kW (285 PS) 6700 cm ³ Vehicle FL 290, FL 7 1995...	6				9040 000 3.000T Mo 2.500K Cr 4.000DY	2040 000 104.77 AP	4040 000	6054 000 K=117.00 L=259.70 H+F=9.66+3.60 D=129.40 FF 6061 000 K=116.95 L=259.50 H+F=9.66+3.60 D=127.00 FF  1 VI 2 VI 1 VI	8036 K,S	8035 K,S
	6									
	6									
Diesel Engine TD 73 E / K / VE Euro 1 169 kW (230 PS) 6730 Vehicle FL 7, FS 7, FS 718 11.1991 - 10.1999	6	104.77	88.45 -2.05/-3.05 -20.10 MØ=61.00	45.00 82.00	9040 000 3.000T Mo 2.500K Cr 4.000DY	2040 000 104.77 AP	4040 000	6054 000 K=117.00 L=259.70 H+F=9.66+3.60 D=129.40 FF 6061 000 K=116.95 L=259.50 H+F=9.66+3.60 D=127.00 FF  1 VI 2 VI 1 VI	8036 K,S	8035 K,S
	6									
	6									
Diesel Engine TD 73 ES Euro1 191 kW (260 PS) 6730 Vehicle B7 01.1991... FL 7, FL 718 11.1991 - 10.1999	6	114.77			9040 000 3.000T Mo 2.500K Cr 4.000DY	2040 000 104.77 AP	4040 000	6054 000 K=117.00 L=259.70 H+F=9.66+3.60 D=129.40 FF 6061 000 K=116.95 L=259.50 H+F=9.66+3.60 D=127.00 FF  1 VI 2 VI 1 VI	8036 K,S	8035 K,S
	6									
	6									
Diesel Engine TWD 730 6730	6				9040 000 3.000T Mo 2.500K Cr 4.000DY	2040 000 104.77 AP	4040 000	6054 000 K=117.00 L=259.70 H+F=9.66+3.60 D=129.40 FF 6061 000 K=116.95 L=259.50 H+F=9.66+3.60 D=127.00 FF  1 VI 2 VI 1 VI	8036 K,S	8035 K,S
	6									
	6									


Diesel Engine

TD 70 E/ES

6700 cm³

155 - 166 kW (210 - 225 PS)

Vehicle

F 86, TF 86 T, N 725, TF 86 DTC,
TN 7, B 57, Dumper 4500,

1974...08/1978

Motor Nr...92 666

6 104.775

88.45
-1.00
-26.15
141.05
MØ=60.00

45.00
85.80

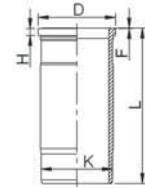
9056 000

2.385D CrP
3.160K IF P
3.160K IF P
4.747DY CrP

2058 000

104.775
AP

4058 000
6057 000

K=116.95
L=257.00
H+F=11.66+0.73
D=127.00
FF

1 VI 114x1.6
1 EP 115.7x5.7
1 VI 115.7x5.7

8058

K,S

6047 000

K=116.95
L=257.00
H+F=11.66+0.73
D=127.00
FF
PHS

1 VI 114x1.6
1 EP 115.7x5.7
1 VI 115.7x5.7

8048

K,S

88.45
-1.00
-26.15
141.05
MØ=60.00

45.00
85.80

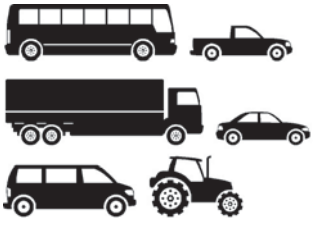
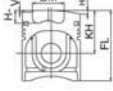
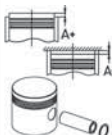
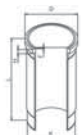
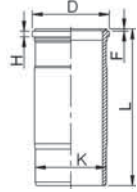
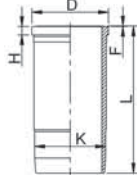
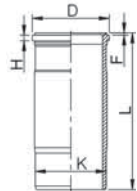
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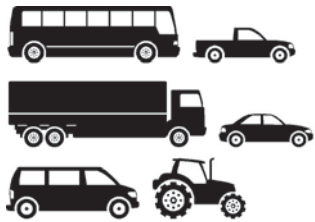
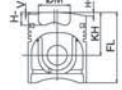
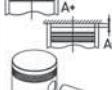
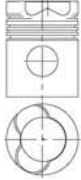
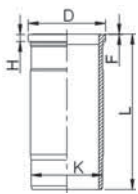
2.385D Cr
3.160K IF P
3.160K IF P
4.747DY CrP
4.747DC Cr

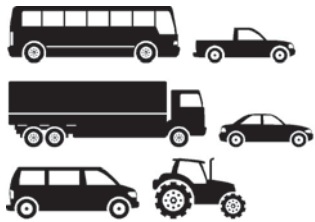
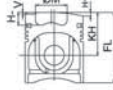
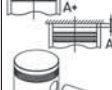
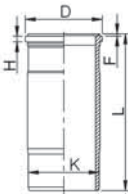
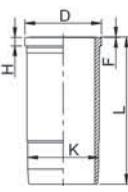
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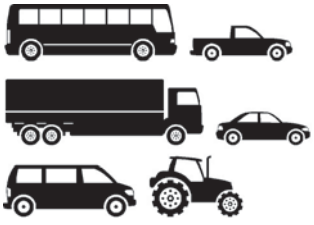
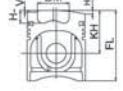
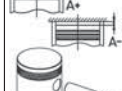
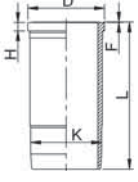
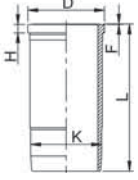
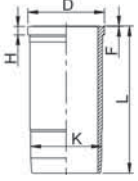
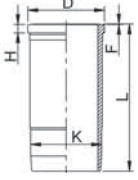
104.775
AP

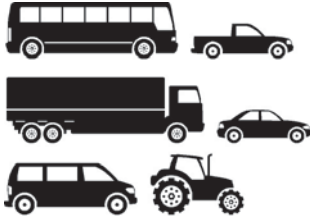
4059 000

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine TD 74 A/AW/ACE/AP/APB/AG/AGP/FQ,K/FSQ TDF 71 F,TD 73 G/E 6700 cm ³ 169 kW (230 PS) Vehicle F7, B 57 1985...	6	104.775	88.45 -1.00 -20.95 141.05 MØ=65.00	45.00 85.80	9058 000 2.385D Cr 3.160K IF P 4.747DY CrP	1154 000 104.775 AP YS Pist. Ç k nt s +0.20 / +0.70	3154 000	6058 000 K=116.95 L=259.50 H+F=9.66+3.60 D=127.00 FF  1 VI 114x1.6 2 EP 115.7x5.7 1 VI 115.7x5.7	7154 K,S
	6		88.45 -1.00 -20.95 141.05 MØ=65.00	45.00 85.80	9056 000 2.385D CrP 3.160K IF P 3.160K IF P 4.747DY CrP	2056 000 104.775 AP YS	4056 000	6048 000 K=116.95 L=259.50 H+F=9.66+3.60 D=127.00 FF PHS 1 VI 114x1.6 2 EP 115.7x5.7 1 VI 115.7x5.7	7150 K,S
Diesel Engine D 67 A/B/C 6730 cm ³ 84.5 - 92 kW (125 - 150 PS) Diesel Engine TD 67 C 6730 cm ³ 110.5 kW (150 PS) Vehicle L385, L386, L387, L385 03, L385 27, B615/617, L 2850V, L3850 H, L3852 V, L3851/3854, L 385 45 A, L 385 47 A, B6150 TB, B6151 TB, B6159 TB, L 485, L4850/4852, L 48504/06/07/08 1965...	6	104.775						6059 000 K=114.96 L=256.50 H+F=11.45+0.40 D=121.00 FF 	
Diesel Engine TAMD 71, TAMD 71 A TAMD 72.A 6724 cm ³ 110 - 154 kW (150 - 210 PS) Vehicle Turbo, LLK Marinemotor	6	104.775						6061 000 K=116.95 L=259.50 H+F=9.66+3.60 D=127.00 FF  1 VI 2 VI 1 VI	

	 Ø mm	 mm	 mm	 mm	 Ø mm	 mm	 mm	 mm	
Diesel Engine TD 70 F, TD 70 FC Turbo Charged, Diesel Direct Injection 14.5:1, 12 Valves 6730 cm³ 162 kW (220 PS) Vehicle B 57, F 7, F 716, F 720, F 724, 5350 1979...	6	104.775	88.45 -1.00 -26.15 141.05 MØ=60.00 	45.00 85.80	9057-7 000 2.385D Cr 3.160K IF P 3.160K IF P 4.747DY Cr	1158 000 104.775 AP YS	3158 000	6057 000 K=116.95 L=257.00 H+F=11.66+0.73 D=127.00 FF  1 VI 114x1.6 1 EP 115.7x5.7 1 VI 115.7x5.7	7161 K,S
Diesel Engine TD 70 FS Turbo charged, Diesel direct injection 12 Valves, 14.5:1 6730 cm³ 180 kW (245 PS) Vehicle B 57, F 7, F 716, F 720, F 724, N 7, 5350 1979...	6								
Diesel Engine TD 70 G Turbo charged, 12 Valves 14.5:1 6730 cm³ 138 - 156 kW (188 - 212 PS) Vehicle B 57, F 7, F 716, F 720, F 724, N 7, 5350 1979...	6								
Diesel Engine TD 70 GG Charge intercooling 12 Valves, 14.5:1 6730 cm³ 100 - 140 kW (136 - 190 PS) Vehicle ENGINE 1983...1986	6								
Diesel Engine TD 71 A Charge Intercooling 12 Valves, 15.5:1 6730 cm³ 169 kW (230 PS) Vehicle B 57, F 7 1985...	6								
Diesel Engine TD 71 GE Turbo charged 12 Valves, 15.5:1 6730 cm³ Vehicle ENGINE	6								
Diesel Engine TID 70 GG Turbo charged 12 Valves, 14.5:1 6730 cm³ 116 - 154 kW (158 - 209 PS) Vehicle ENGINE 1986...1991	6								

									
	Ø mm	mm		mm		Ø mm		mm	
Diesel Engine D 7 A 230 Euro 2, D 7 B 230 Euro 2 Charge Intercooling 12 Valves, 18:1 6730 cm³ 169 kW (230 PS) Vehicle B 7 F 1999... FL 7-230 1993...1999 FM 7-230 1999...2002	6	104.775					6053 000 K=117.00 L=256.80 H+F=9.40+0.95 D=127.00 FF 		
Diesel Engine D 7 A 260 Euro 2, D 7 B 260 Euro 2 Charge Intercooling 12 Valves, 18:1 6730 cm³ 191 kW (260 PS) Vehicle B 7 F 1999... FL 7-260 1993...1999 FM 7-260 1999...2002	6								
Diesel Engine D 7 A 285 Euro 2, Charge Intercooling 12 Valves, 18:1 6730 cm³ 210 kW (285 PS) Vehicle B 7 F 01/1999... FL 7 12/1993...10/1999	6								
Diesel Engine D 42 4200 cm³ 59 kW (80 PS) Vehicle 621, 641, 650 Stationary engine 1976...	4	105.57	84.10 - -23.10 135.10 MØ=54.50 	42.00 88.50	9066 000 2.385D Cr 3.160K P 3.160K P 4.747DY Cr	2065 000 105.57	4065 000	6069 000 K=117.95 L=245.00 H+F=14.10+0.70 D=127.50 FF  2 VI 117x4.3	8084 K,S

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine TD 42 4200 cm ³ Vehicle 01/1976...	4	105.57	84.10 - -24.85 135.10 MØ=54.60 	42.00 87.00 	9066 000 2.385D Cr 3.160K P 3.160K P 4.747DY Cr	2066 000 105.57	4066 000	6069 000 K=117.95 L=245.00 H+F=14.10+0.70 D=127.50 FF 	8085 K,S
			84.10 - -24.85 135.10 MØ=54.60 	42.00 87.00 	9066 000 2.385D Cr 3.160K P 3.160K P 4.747DY Cr	2069 000 105.57 AP	4069 000	6069 000 K=117.95 L=245.00 H+F=14.10+0.70 D=127.50 FF 	8080 K,S
Diesel Engine D 42 4200 cm ³ 59 kW (80 PS) Vehicle Tractor 650,Lader LM 621, LM 641 1970...1975	4	105.57	84.10 - -23.10 135.10 MØ=54.60 	40.00 88.50 	9066 000 2.385D Cr 3.160K P 3.160K P 4.747DY Cr	2067 000 105.57	4067 000	6068 000 K=117.95 L=245.00 H+F=14.20+0.70 D=127.36 FF 	8068 K,S
			84.10 - -23.10 135.10 MØ=54.60 	40.00 88.50 	9066 000 2.385D Cr 3.160K P 3.160K P 4.747DY Cr	2067 000 105.57	4067 000	6069 000 K=117.95 L=245.00 H+F=14.10+0.70 D=127.50 FF 	8080 K,S



Ø mm	mm	mm	mm	Ø mm	Ø mm	mm	mm

Diesel Engine

D7 C, 290, Euro 2
Turbo, IC

213 kW (290 PS) 7300 cm³

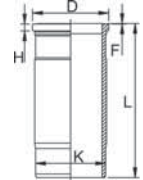
Vehicle

5000 Bus 08/1999...
7000 Bus 08/1998...
B 7 L Bus 05/1999...
FM 7 08/1998...02/2002

6 107.00

6055 000

K=117.00
L=257.00
H+F=9.40+0.95
D=129.40



Diesel Engine

P 3028 Euro 3, Turbo, IC
19.5:1

184 kW (250 PS) 7280 cm³

Vehicle

Volvo FM 7, FM 10, FM 12
08/1998...12/1998

6 107.00

88.45
-2.10/-3.10
-20.20
135.450
MØ=61.00



47.00
85.50

9062 000

3.500T IF CrP
2.500K IFU
3.500DY Cr

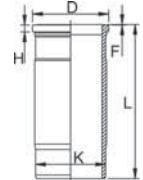
2062 000

107.00
AP
YS

4062 000

6055 000

K=117.00
L=257.00
H+F=9.40+0.95
D=129.40



8065

K,S

Diesel Engine

D EAE 2

7146 cm³

Vehicle

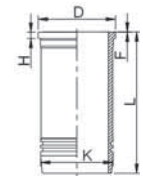
D7

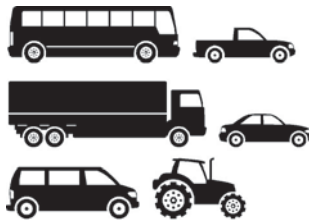
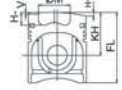
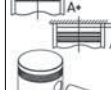
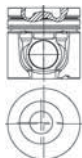
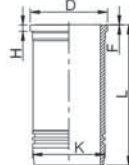
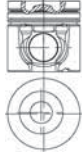
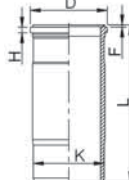
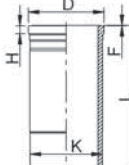
6 108.00

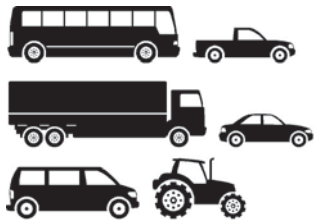
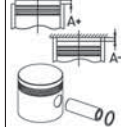
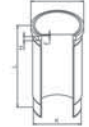
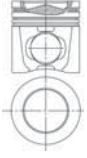
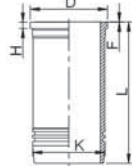
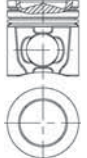
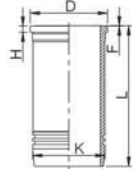
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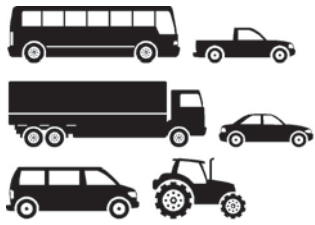
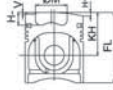
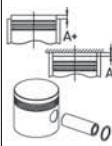
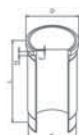
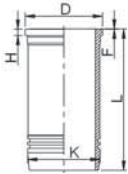
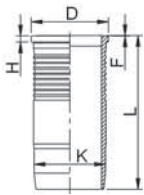
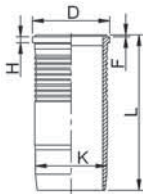
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L=229.00
H+F=9.00+1.10
D=128.50

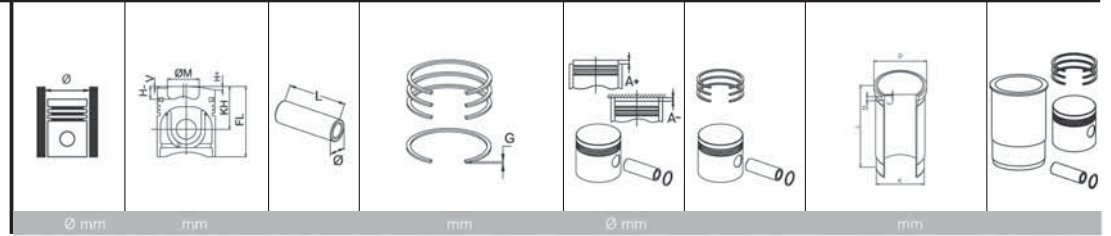
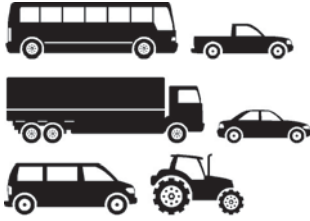
FF
PHS

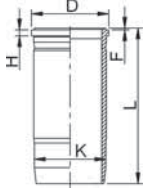
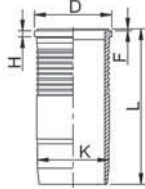


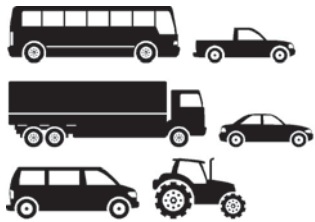
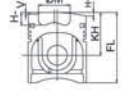
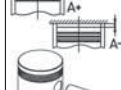
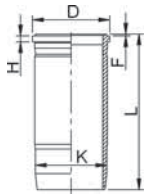
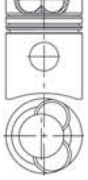
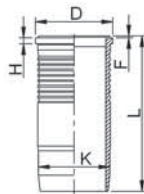
									
	Ø mm	mm		mm		Ø mm		mm	
Diesel Engine D7DEAE / EAE2 / ECE2 / EEE2 / LAE2 / LBE2 Euro2 Charge Intercooling SP: 0.10 mm Oem: 20854656 7146 cm³ 125 - 165 kW (170 - 224 PS) Vehicle EC 330 / 290 / 240 L 120 / 110 01.1986...	6	108.00	71.10 - -19.60 108.00 MØ=64.00 	42.00 86.00	9045 000 3.000D IW Ck 2.000K IF NtP 3.500DY CrP	2045 000 108.00 AP	4045 000	6067 000 K=120.00 L=229.00 H+F=9.00+1.10 D=128.50 FF PHS 	7152 K,S
Diesel Engine D 7 D EAE/EAE2/ECE2/EEE2/LAE2 Euro2 7146 cm³ Vehicle EC 330/290/240, L120/110	6	108.00	71.10 - -19.60 108.00 MØ=64.00 	42.00 86.00	9045 000 3.000T IW Ck 2.000K IF NtP 3.500DY CrP	2044 000 108.00 AP	4044 000	6054 000 K=117.00 L=259.70 H+F=9.66+3.60 D=129.40 FF 6061 000 K=116.95 L=259.50 H+F=9.66+3.60 D=127.00 FF  1 VI 2 VI 1 VI	8036 8035
Diesel Engine 1113 3780 cm³ 41 kW (56 PS) Vehicle Tractor 218,614,620,640 Diesel Engine 1114 5040 cm³ 55 kW (75 PS) Vehicle Tractor BM 470	3 4	111.125	85.50 - -26.50 148.50 MØ=59.40 	40.00 90.50	9071 000 2.385D IW Cr 3.160K 3.160K 4.747DC 4.747SC	2071 000 111.125	4071 000	6071 000 K=125.95 L=258.50 H+F=14.08+0.70 D=131.95 FF  2 VI 6043 000 K=125.95 L=258.50 H+F=14.08+0.70 D=131.95 FF PHS 2 VI	8071 K,S 8064 K,S

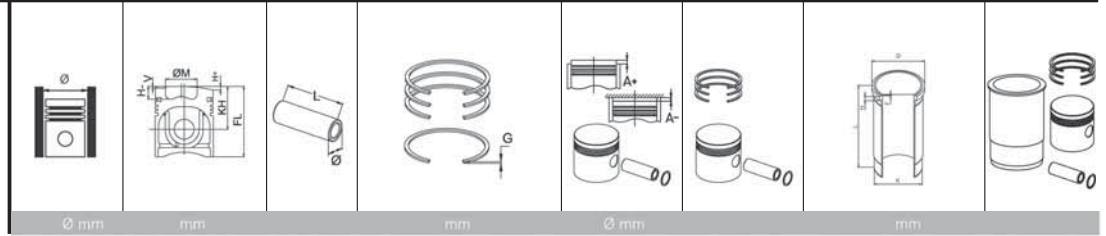
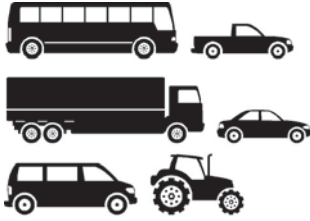
								
	Ø mm	mm	mm	Ø mm	mm	mm	mm	
Diesel Engine D 9 A, Euro 3 R 6 Diesel, 18.6:1 Turbo, IC, 24 valves, 9364 cm³ 194 - 283 kW (264 - 385 PS) Vehicle VOLVO FM 9 12/2001...	6	120.00	85.45 - -14.60 129.97 MØ=77.00 	54.00 96.00	9086 000 4.000T IW Cr 3.000K IFU P 3.000DY NtSt	2086 000 120.00 AP YS	4086 000 6066 000 K=139.00 L=249.50 H+F=11.20+1.00 D=149.00 FF  2 VI 128x4.8x4.8 1 VI 132x2.5	8086 K,S
Diesel Engine D 9 A 260 Euro 3 Charge intercooling Pump-nozzle-injection 18,6:1 9364 cm³ 191 kW (260 PS) Vehicle FM 9-260 12.2001 ...	6	120.00	85.450 - -15.00 129.950 MØ=77.90 	54.00 96.00	9086 009 4.000T IW Cr 3.000K IFU P 3.000DY NtSt	2096 000 120.00 AP YS	4096 009 6066 000 K=139.00 L=249.50 H+F=11.20+1.00 D=149.00 FF  2 VI 128x4.8x4.8 1 VI 132x2.5	8102 K,S
Diesel Engine D 9 A 300 Euro 3 Charge intercooling Pump-nozzle-injection 18,6:1 9364 cm³ 220 kW (300 PS) Vehicle FM 9-300 12.2001 Olympian 12.2001 ...	6							
Diesel Engine D 9 A 340 Euro 3 Charge intercooling Pump-nozzle-injection 18,6:1 9364 cm³ 250 kW (340 PS) Vehicle FM 9-340 12.2001 ... Olympian 12.2001 ...	6							
Diesel Engine D 9 A 380 Euro 3 Charge intercooling Pump-nozzle-injection 18,6:1 9364 cm³ 280 kW (380 PS) Vehicle FM 9-380 12.2001 ...	6							

									
	Ø mm	mm		mm		Ø mm		mm	
Diesel Engine D 9 B 300 / 340 / 380 Oem No: 20866678 9364 cm ³ 9364 220 - 280 kW (300 - 380 PS) Vehicle TRUCK FM 300 TRUCK FM 340 TRUCK FM 380 TRUCK FM 9/300	6	120.00	85.45 -1.00 -14.90 129.95 MØ=79.00 	54.00 96.00	9095 000 3.500T IF NtSt 2.500K IFU Cr 3.000DY NtSt	2095 000 120.00 AP YS	4095 000	6066 000 K=139.00 L=249.50 H+F=11.20+1.00 D=149.00 FF  2 VI 128x4.8x4.8 1 VI 132x2.5	8540 K,S
Diesel Engine CM19FO, TAD951VE, TAD952VE 9364 cm ³ Vehicle FM300/340/380, FM9/300	6	120.00	85.45 - - 129.95 	54.00 96.00	9095 000 3.500T IF StNt 2.500K IFU Cr 3.000DY StNt	2097 000 120.00 AP YS	4097 000		
Diesel Engine TD 100 B 9500 cm ³ 207 - 220 kW (280 - 300 PS) Vehicle F 10-46,F 10-49, F 10-52, F 10-56, F 1020/38 1974...1981 Diesel Engine TD 100 BG 9600 cm ³ Vehicle N 10, F 10, F 88, FB 88 1976...1981	6	120.65	109.40 -2.90 -28.00 166.40 MØ=76.00 	52.00 106.00	9075 000 2.385D Cr 3.160TN 4.747DY Cr	2072 000 120.65 AP	4072 000	6072 000 K=133.85 L=294.00 H+F=11.73+0.70 D=147.00 FF  1 VI 132.5 1 VI 132.8 1 VI 132.8	8072 K,S
								6075 000 K=133.85 L=296.50 H+F=11.52+3.50 D=147.00 FF  1 VI 131.5x1.6 1 EP 132.8x5.8 1 VI 132.8x5.8	7149 K,S

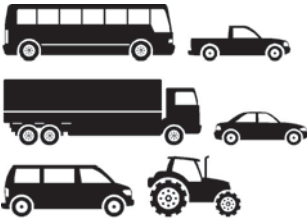
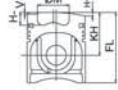
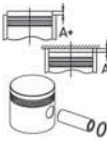
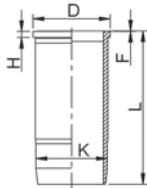
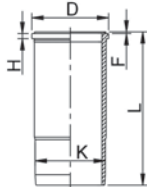


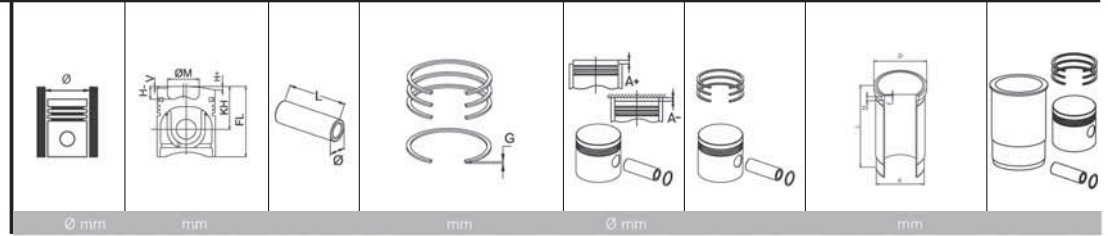
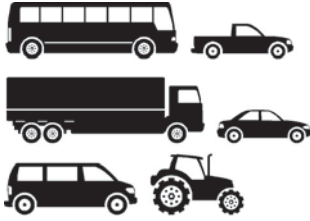
Diesel Engine THD 102 KA/KB/KF/KS 9600 cm ³ 210 kW (286 PS) Vehicle B 10 M GAB 06/1986... Diesel Engine THD 101 9600 cm ³ Vehicle Einbaumotor	6	120.65	109.40 -1.90 -20.40 166.40 MØ=76.00	52.00 106.00	9075 000 2.385D 3.160TN 4.747DY Cr Cr	2078 000 120.65 AP	4078 000	6073 000 K=133.85 L=296.50 H+F=11.52+3.50 D=146.95 FF  1 EP 131.5x2.4 1 EP 132.8x5.8 1 VI 132.8x5.8	7083 K,S
								6075 000 K=133.85 L=296.50 H+F=11.52+3.50 D=147.00 FF  1 VI 131.5x1.6 1 EP 132.8x5.8 1 VI 132.8x5.8	8078 K,S

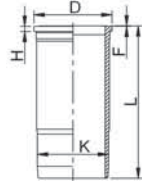
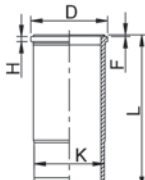
	 Ø mm	 mm		 mm	 Ø mm	 Ø mm	 mm		
Diesel Engine TD 100 G/GA/F, TD 100 CHC 9600 cm³ 200 kW (272 PS) Vehicle F 10 ,N 10 1981...1986	6	120.65	109.40 -1.90 -23.15 166.40 MØ=76.00	52.00 106.00	9075 000 2.385D 3.160TN 4.747DY Cr Cr	2075 000 120.65 AP	4075 000	6073 000 K=133.85 L=296.50 H+F=11.52+3.50 D=146.95 FF  1 EP 131.5x2.4 1 EP 132.8x5.8 1 VI 132.8x5.8	7089 K,S
Diesel Engine TD 101 F/FA/FD/G/GE/GA 9600 cm³ 200 kW (272 PS) Vehicle F 10 Inercooler, N 10 Intercooler 1981...	6							6075 000 K=133.85 L=296.50 H+F=11.52+3.50 D=147.00 FF  1 VI 131.5x1.6 1 EP 132.8x5.8 1 VI 132.8x5.8	8075 K,S
Diesel Engine TMD 100/C , TMD 102/A/C 9600 cm³ 158.3 - 200 kW (215 - 272 PS) Vehicle Marinemotor 1988...	6							6085 000 K=133.85 L=296.50 H+F=11.52+3.50 D=147.00 FF	8090 K,S

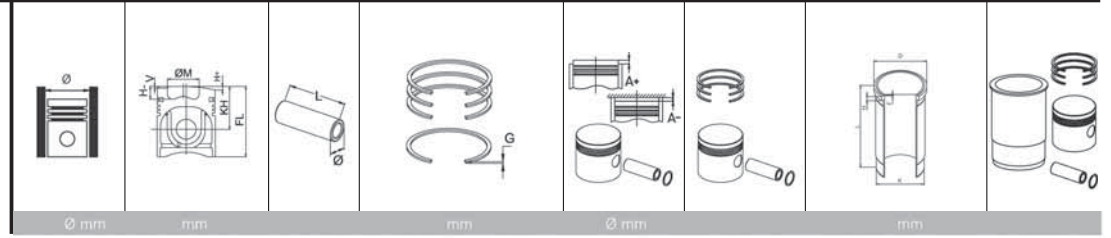
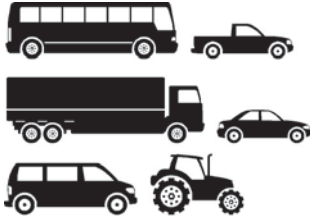


Diesel Engine TD 100 A 9600 cm ³ 169 - 191 kW (230 - 260 PS) Vehicle N88, F 88, NB 88, FB 88, N 10 1965...1975 Diesel Engine THD 100 D, TMD 100 A, TMD 100AK, THD 101 B 9600 cm ³ 169 - 178 - 191 kW (230 - 242 - 260 PS) Vehicle B 10, B 58, B 59, 300 CH, 400 CH 1975...1982	6	120.65	109.45 -1.00 / -1.30 -27.65 166.45 MØ=71.00	52.00 106.00	9074 000 2.385D Cr 3.160K 3.160K 4.747DY Cr	2074 000 120.65 AP Pist. Ç k nt s -0.50 / +0.20	4074 000	6070 000 K=133.85 L=294.00 H+F=11.73+0.75 D=147.00 FF 1 VI 132.5x1.6 1 EP 132.8x5.8 1 VI 132.8x5.8	7088 K,S
Diesel Engine TD 103 E, TD 103 EA, Euro 2 Turbo, LLK 9600 cm ³ 235 kW (320 PS) Vehicle NL 10, FL 10, FS 10, F 10-38, F 10-40, F 10-52 1992...1995 Diesel Engine TD 103 EA, TD 103 KCE, TD 103 ME, TWD 103 ME Turbo, LLK 9600 cm ³ 235 kW (320 PS) Vehicle NL 10, FL 10, FS 10, F 10-38, F 10-40, F 10-52 1992...1995	6	120.65	92.500 -2.00 -21.80 144.500 MØ=67.50	52.00 98.00	9004 000 3.500T IF Mo 3.160K IW Cr 4.747DY Cr	2543 000 120.65 AP	4543 000	6063 000 K=134.00 L=287.50 H+F=11.50+3.50 D=147.00 FF 1 VI 132.5x1.6 1 EP 132.8x5.8 1 VI 132.8x5.8	8544 K,S

	 Ø mm	 mm	 mm	 mm	 Ø mm	 mm	 mm	 mm	
Diesel Engine TD 102 F/FD/FDQ/FF/FL/FM 9600 cm³ 234-252 kW (318-343 PS) Vehicle F 10, FL 10, N 10 1987... B 10 M 1990...	6	120.65					6079 000 K=133.85 L=287.50 H+F=11.52+3.50 D=147.00 FF  1 VI 131.5x2.4 1 EP 132.8x5.8 1 VI 132.8x5.8		
Diesel Engine D 10 A 350 Euro 2, D 10 A 360 Euro 2 Charge intercooling 12 Valves, 20:1 9600 cm³ 258 kW (351 PS) Vehicle FL 10 1995...1998 Diesel Engine D 10 B 360 Euro 2, D 10 C 360 Euro 2 Charge intercooling 12 Valves, 19.5:1 9600 cm³ 265 kW (360 PS) Vehicle FM 10-360 1999... Diesel Engine DH 10 A 360 Euro 2 Charge intercooling 12 Valves 9600 cm³ 265 kW (360 PS) Vehicle B 10 B, B 10 BLE 1992...1995 B 10 M 1995... ENGINE 1996...	6 6 6	120.65	92.60 -2.10/-2.70 -22.50 137.60 MØ=64.00 	52.00 98.00	9055 000 4.000T IF Mo 3.160K IFU 4.747DY Cr	2055 000 120.65 AP	4055 000	6063 000 K=134.00 L=287.50 H+F=11.50+3.50 D=147.00 FF 	8093 K,S



Diesel Engine TAMD 122 D 11979 cm ³ Vehicle Marinemotor Diesel Engine TID 121 KG /P, LG /P, KP/B, LP/B TWD 1210G 11979 cm ³ 217 - 305 kW (295 - 415 PS) Vehicle Industriemotor ,Genarator 1988...	6	130.18	114.20 -2.50 -27.00 175.20 MØ=83.00	55.00 114.00	9541 000 3.500T Mo 3.160K IF Cr 4.747DY Cr	2541 000 130.18 AP	4541 000	6077 000 K=143.90 L=311.00 H+F=10.53+0.80 D=157.60 FF  1 VI 145x1.5 2 EP 143x5.7 1 VI 143x5.7	7078 K,S
	6							6078 000 K=143.90 L=313.50 H+F=10.53+3.50 D=157.60 FF  1 VI 141x2.4 2 EP 143x5.7 1 VI 143x5.7	8541 K,S

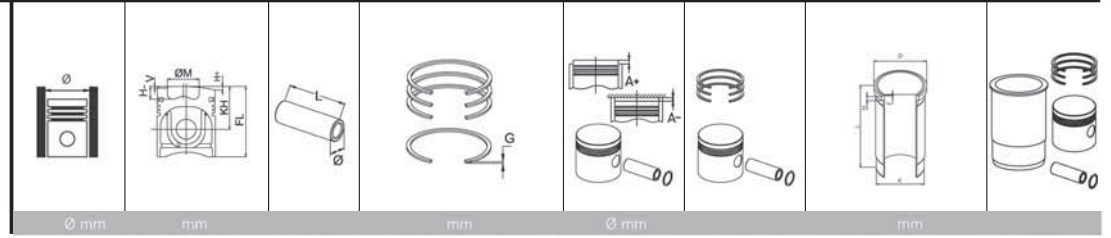
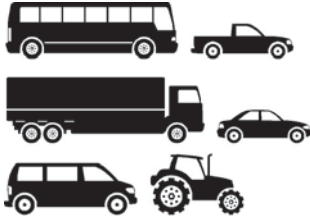

Diesel Engine

TD 121 F/G/GD,TMD 121 C,122 GB,
122 KBE
12000 cm³
243 - 283 kW (330 - 385 PS)

Vehicle

N 12, F 12,
1984...1988

6	130.18	114.20 -2.50 -27.90 175.20 MØ=79.00	55.00 114.00	9077 000 2.385D Cr 3.160K IF Cr 4.747DY Cr	2042 000 130.18 AP	4042 000	6076 000 K=143.90 L=311.00 H+F=13.53+0.80 D=157.60 FF 1 VI 145x1.5 1 VI 138x143x11 1 VI 143x5.7 1 VI 143x5.7	7167 K,S
							6077 000 K=143.90 L=311.00 H+F=10.53+0.80 D=157.60 FF 1 VI 145x1.5 2 EP 143x5.7 1 VI 143x5.7	7169 K,S
							6078 000 K=143.90 L=313.50 H+F=10.53+3.50 D=157.60 FF 1 VI 141x2.4 2 EP 143x5.7 1 VI 143x5.7	7166 K,S



Diesel Engine

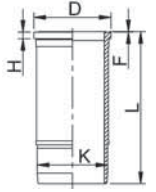
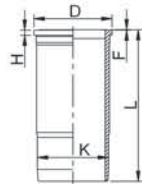
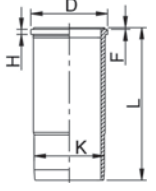
TD 120C/D/E, TAD 120 BHC, TAMD 120 B

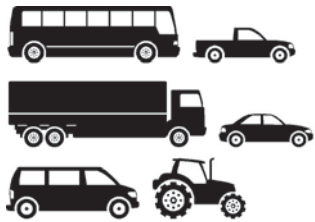
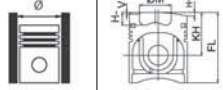
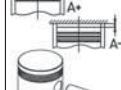
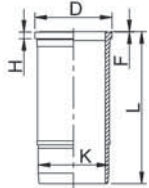
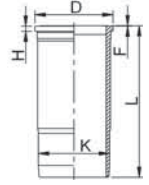
12000 cm³
225 - 273 kW (306 - 371 PS)

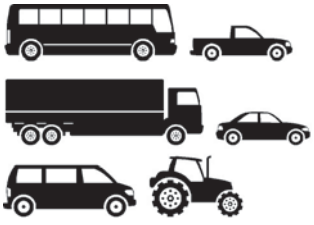
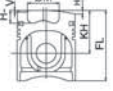
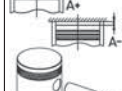
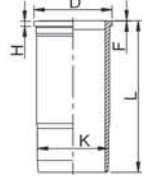
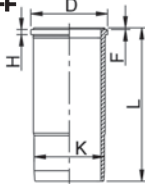
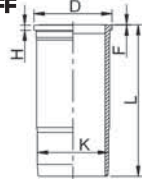
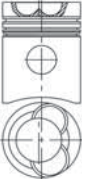
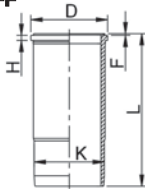
Vehicle

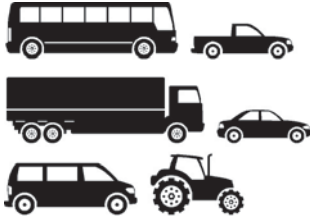
F12-46, F 12-49, F 12-52,
F 12-59, F 12-38

1977...1980

6	130.18	114.20 -2.50 -27.62 175.20 MØ=83.00	55.00 114.00	9077 000 2.385D Cr 3.160K IF Cr 4.747DY Cr	2043 000 130.18 AP Pist. Ç k nt s -0.05 / +0.45	4043 000	6076 000 K=143.90 L=311.00 H+F=13.53+0.80 D=157.60 FF  1 VI 145x1.5 1 VI 138x143x11 1 VI 143x5.7 1 VI 143x5.7	7163 K,S
							6077 000 K=143.90 L=311.00 H+F=10.53+0.80 D=157.60 FF  1 VI 145x1.5 2 EP 143x5.7 1 VI 143x5.7	7164 K,S
							6078 000 K=143.90 L=313.50 H+F=10.53+3.50 D=157.60 FF  1 VI 141x2.4 2 EP 143x5.7 1 VI 143x5.7	7165 K,S

							
	Ø mm	mm	mm	Ø mm	Ø mm	mm	
Diesel Engine TD 120 A 243 kW (330 PS) Vehicle F 89, F 12 1970...1975 Diesel Engine TD 120 A ,TMD 120 A, TAMD 120 A, 12000 cm ³ 225 - 243 kW (306 - 330 PS) Vehicle N 12, CH 230 1977...1981	6	130.18 114.20 - 1.90 / -2.10 -31.55 175.20 MØ= 75.00 	55.00 114.00	9077 000 2.385D 3.160K IF 4.747DY Cr Cr Cr	2081 000 130.18 AP Pist. Ç k nt s -0.05 / +0.45	4081 000  1 VI 145x1.5 1 VI 138x143x11 1 VI 143x5.7 1 VI 143x5.7 6076 000 K=143.90 L=311.00 H+F=13.53+0.80 D=157.60 FF  1 VI 145x1.5 2 EP 143x5.7 1 VI 143x5.7	8081 K,S <

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine TD 122 F/FR/FK 12000 cm ³ 262 kW (356 PS) Vehicle F 12 1987.... Diesel Engine TD 1222 FS 12000 cm ³ 291 kW (395 PS) Vehicle FS 10, FS 12 Intercooler 1987...	6	130.18	114.20 -2.60 -24.12 175.20 MØ= 79.00	55.00 114.00	9077 000 2.385D Cr 3.160K IF Cr 4.747DY Cr	2079 000 130.18 AP Pist. Ç k nt s 0 / +0.55	4079 000	6077 000 K=143.90 L=311.00 H+F=10.53+0.80 D=157.60 FF  1 VI 145x1.5 2 EP 143x5.7 1 VI 143x5.7	7085 K,S
	6							6078 000 K=143.90 L=313.50 H+F=10.53+3.50 D=157.60 FF  1 VI 141x2.4 2 EP 143x5.7 1 VI 143x5.7	8545 K,S
			114.20 -2.60 -24.12 175.20 MØ=79,00	55.00 114.00	9541 000 3.500T Mo 3.160K IF Cr 4.747DY Cr	2544 000 130.18 AP	4544 000		
									
Diesel Engine TAMD 122 A 11980 cm ³ 247 - 331 kW (336 - 450 PS) Vehicle Marine Engine Diesel Engine TD 122 F/FK/FR/FS/GA/GH/KE 12000 cm ³ 262 - 290 kW (356 - 395 PS) Vehicle F 12, L 180 K, FS 10 1987 ... Diesel Engine TID 122 FG 12000 cm ³ Vehicle Stationary engine Diesel Engine TMD 122 A 12000 cm ³ 247 - 331kW (336 - 450 PS) Vehicle Marine engine	6	130.18	114.20 -2.60 -25.40 175.20 MØ=79.00	55.00 114.00	9077 000 2.385D Cr 3.160K IF Cr 4.747DY Cr	2082 000 130.18 AP Pist. Ç k nt s -0.05 / +0.45	4082 000	6077 000 K=143.90 L=311.00 H+F=10.53+0.80 D=157.60 FF  1 VI 145x1.5 2 EP 143x5.7 1 VI 143x5.7	7093 K,S
	6							6078 000 K=143.90 L=313.50 H+F=10.53+3.50 D=157.60 FF  1 VI 141x2.4 2 EP 143x5.7 1 VI 143x5.7	8082 K,S



Ø mm	mm		mm	Ø mm		mm	

Diesel Engine

TD 122
12000 cm³

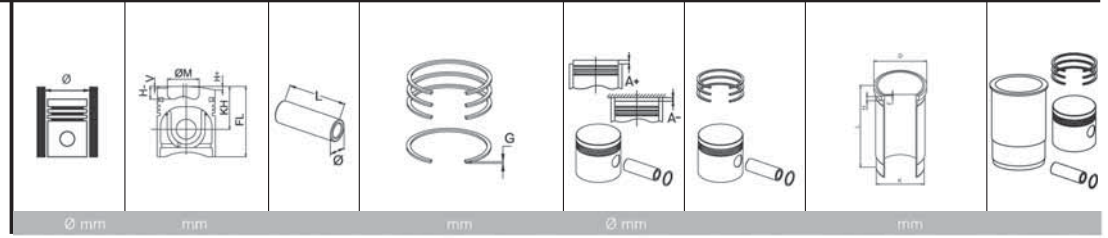
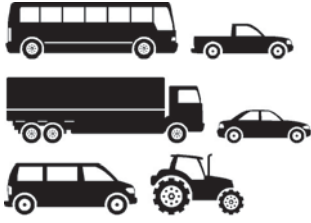
6	130.18	114.20 -2.70 -25.40 175.20 MØ=79.00	55.00 114.00	9077 000 2.385D Cr 3.160K IF Cr 4.747DY Cr	2088 000 130.18 AP	4088 000	6077 000 K=143.90 L=311.00 H+F=10.53+0.80 D=157.60 FF 1 VI 145x1.5 2 EP 143x5.7 1 VI 143x5.7	7129 K,S
							6078 000 K=143.90 L=313.50 H+F=10.53+3.50 D=157.60 FF 1 VI 141x2.4 2 EP 143x5.7 1 VI 143x5.7	8088 K,S

Diesel Engine

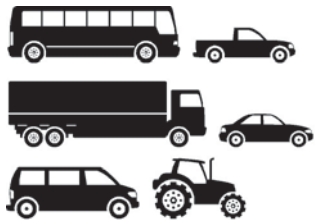
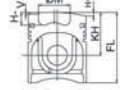
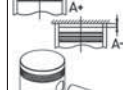
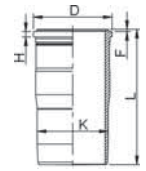
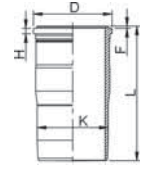
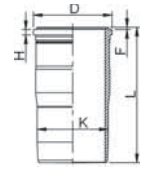
TD 123 E/ES
Turbo, Intercooled
12000 cm³

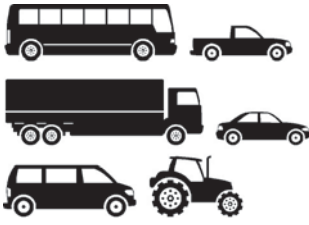
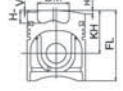
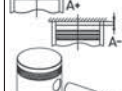
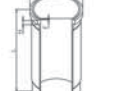
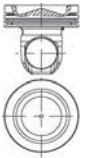
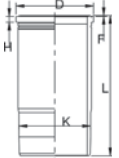
298 kW (405 PS)
Vehicle
F12, NL12, NH12
1992...1994

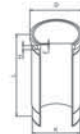
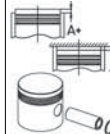
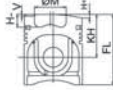
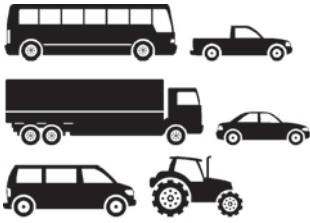
6	130.18						6080 000 K=143.90 L=313.50 H+F=10.53+3.50 D=157.55 FF 	
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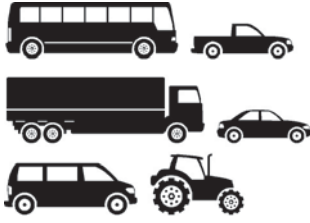


Diesel Engine TAD 120 BHC, TAMD 120B, TD 120 D 12000 cm ³ 225-273 kW (306-371 PS) Vehicle F12-46, F12-49, F12-52, F12-59, F12-38 00.1977...00.1980 Diesel Engine TD 120C, TD 120E 12000 cm ³ 225-273 kW (306-371 PS) Vehicle F12 1988... F12-38, F12-46, F12-49, F12-52, F12-59 1977...1980	6	130.18	114.20 -2.50 -27.62 175.20 MØ=83.00 	55.00 114.00	9077 000 2.385D Mo 3.160K IF Cr 4.747DY Cr	2076 000 130.18 AP	4076 000	6076 000 K=143.90 L=311.00 H+F=13.53+0.80 D=157.60 FF 1 VI 145x1.5 1 VI 138x143x11 1 VI 143x5.7 1 VI 143x5.7 6077 000 K=143.90 L=311.00 H+F=10.53+0.80 D=157.60 FF 1 VI 145x1.5 2 EP 143x5.7 1 VI 143x5.7	8076 7160
Diesel Engine TD 121 F/G/GD, TMD121C, 122GB, 122KBE 12000 cm ³ Vehicle N12, F12	6	130.18	88.45 - -26.20 141.05 	45.00 85.80	9056 000 2.385D CrP 3.160K IF P 3.160K IF P 4.747DY CrP	1151 000 104.775 AP	3151 000		
Diesel Engine D 12 A Euro/JSA D 12 A Euro 2 12100 cm ³ Vehicle FH 12 1995...	6	131.00						6082 000 K=143.90 L=276.40 H+F=11.20+4.45 D=159.60 FF 1 VI 145x2.4 2 EP 143x5.7 1 VI 143x5.7	

									
	Ø mm	mm		mm	Ø mm		mm		
Diesel Engine D 12 B, D 12 C Euro 3 D 12 D Euro 3, D 12 Euro2, DH 12 D Euro3 12100 cm ³ 309 - 368 kW (420 - 500 PS) Vehicle FH 12 Stationary engine 1997...	6	131.00					6083 000 K=144.00 L=272.80 H+F=11.20+0.90 D=159.60 FF  1 VI 145x2.4 2 EP 143x5.7 1 VI 143x5.7		
Diesel Engine D 12 B R 6 Diesel, 18.5:1 Turbo, Intercooler 12100 cm ³ 330 kW (449 PS) Vehicle FH 12, Stationary engine 1997...	6	131.00	87.40 - -17.14 137.40 MØ=89.00 	55.00 107.00	9005 000 4.000T IF 3.000K IFU 4.000DY	2546 000 131.00 AP HA	4546 000	6083 000 K=144.00 L=272.80 H+F=11.20+0.90 D=159.60 FF  1 VI 145x2.4 2 EP 143x5.7 1 VI 143x5.7	8546 K,S
Diesel Engine D 12, Euro 2 R 6 Diesel, 18:1 Turbo, Intercooler 12100 cm ³ 310 kW (422 PS) Vehicle FH 12, Stationary engine 1997...	6								
Diesel Engine D 12 C, D 12 D, DH 12 D, Euro 3 R 6 Diesel, 18.5:1 Turbo, Intercooler 12100 cm ³ 309 - 368 kW (420 - 500 PS) Vehicle FH 12, Stationary engine 1997...	6								
Diesel Engine D 13 A 440 Euro 4/5 18.1 : 1 Charge intercooling, Pump-nozzle-injection 24 Valves 12800 cm ³ 324 kW (440 PS) Vehicle Volvo FH 440 09/2005... Volvo FM 440 09/2007...	6	131.00	84.20 - -18.28 130.70 MØ=89.00 	58.00 104.00	9089 000 3.500T IF NtPv 2.500K dSt 3.000DY NtSt	2089 000 131.00 AP YS	4089 000	6088 000 K=144.00 L=262.00 H+F=11.20+0.90 D=159.60 FF 	8548 K,S

									
		Ø mm	mm	mm	mm	Ø mm	mm	mm	mm
Diesel Engine D 12B 12100 cm ³ 330 kW (449 PS) Vehicle TRUCK Diesel Engine D 12D 12100 cm ³ 250 - 309 - 338 - 368 kW (340 - 420 - 460 - 500 PS) Vehicle TRUCK Diesel Engine D 12 12100 cm ³ 310 kW (422 PS) Vehicle TRUCK	6	131.00	87.40 - -17.14 129.40 MØ=89.00	55.00 107.00	9005 000 4.000T IF MoP 3.000K IFU Nt 4.000DY	2085 000 131.00	4085 000		
	6								
	6								
Diesel Engine DH12. DE340 11967 cm ³ 287 kW (390 PS) Vehicle Buses 8700 / 9700 / B12	6	131.00			9005 000	2651 000 131.00	4651 000		
Diesel Engine TD 162 F/FL/FS 4 V TAMD 162 C 16120 cm ³ Vehicle F 16 Intercooler 1991... Marinemotor 1988...	6	144.00						6084 000 K=158.95 L=316.00 H+F=13.08+2.00 D=172.00 FF  1 VI 168x2.4 1 R 155x2.4 2 R 157.6x5.8 1 VI 157.6x5.8	

[illegible]



Ø mm	mm	mm	mm	Ø mm	mm	mm	mm

Diesel Engine

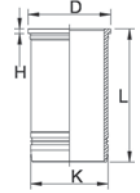
D 155

4 92.08

6100 000

K=102.35
L=179.40
H+F=6.37
D=109.45

FF



Benzin Engine

188 HC, 188LP, LP GAS Engines

Diesel Engine

188D

Whell Tractor-88D

Benzin Engine

166 HC

Distillate Engine

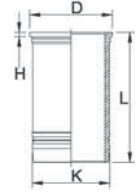
Whell Tractor-66 KD

6
6
4 95.25

6101 000

K=108.70
L=185.75
H+F=6.35
D=115.80

FF



Diesel Engine

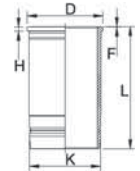
VRD310

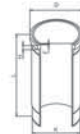
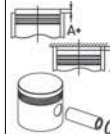
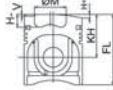
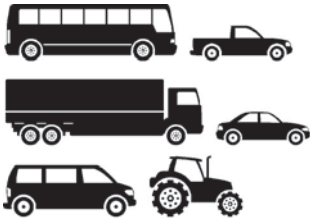
6 98.43

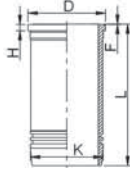
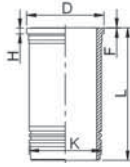
6102 000

K=108.70
L=190.00
H+F=6.37
D=115.80

FF





Diesel Engine 5201 Vehicle 5211,5245 Motor Nr.024976 Diesel Engine 4901 2696 cm³ Vehicle 4911,4945 Diesel Engine 7201 Vehicle 7011,7045 Motor Nr.041868 Diesel Engine 6901 3595 cm³ 42 - 45.5 kW (57 - 62 PS) Vehicle 6911,6945	3	102.00	66.50 - -22.50 116.50 MØ=47.50 	35.00 86.00	9091 000 3.000D CrP 3.000K IF P 3.000TN IF P 5.000DY CrP	2091 000 102.000	4091 000	6091 000 K=115.95 L=225.70 H+F=10.05+0.70 D=123.80 FF  2 R 105x4.5	8091 K,S
Diesel Engine GM01 3421 cm³ 37.5 kW (51 PS) Vehicle 8001,8401 Diesel Engine GZ 01 4562 cm³ 55 - 56 kW (75 - 76 PS) Vehicle 8011,8045 Diesel Engine 8601 6842 cm³ 87 kW (118 PS) Vehicle 8611,12011,12045,12145 1969...	3	110.00	76.00 - -21.50 128.00 MØ=55.00 	40.00 93.00	9092 000 3.000D CrP 3.000K P 3.000TN P 6.000DY P	2092 000 110.00	4092 000	6092 000 K=126.95 L=234.50 H+F=10.07+0.70 D=135.27 FF  2 SI 116x4	8092 K,S