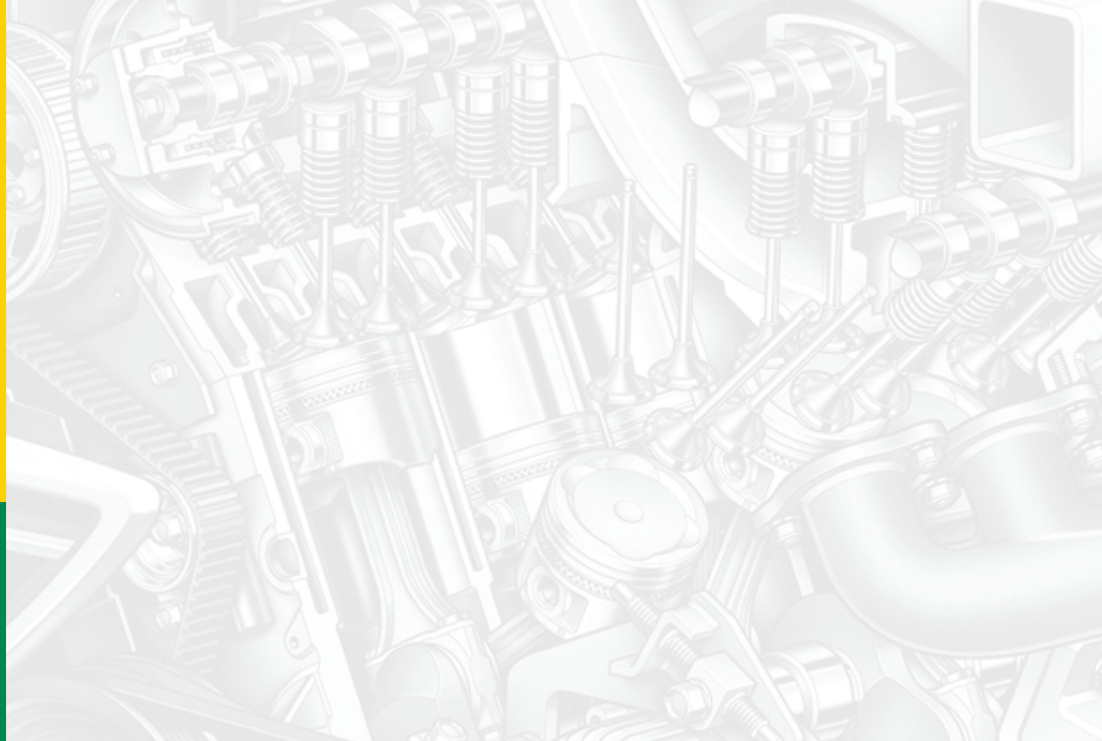




Catálogo Maestro

de aplicaciones y referencias técnicas

2006 - 2007

Master Catalogue

of applications and technical references



Producción eficiente y competitiva

Nuestro objetivo consiste en brindar a la industria automotriz los mejores cojinetes para motor, bujes de árbol de levas, arandelas de empuje y pistones, tanto para equipo original como refacciones para el mercado de repuesto.

Para ello, la planta especializada Clemex, ubicada en el Parque Industrial Lerma, Estado de México (50 km al oeste del D.F.), posee el valioso respaldo que sólo la más avanzada tecnología puede ofrecer, así como laboratorios CAD-CAM, equipos CNC, líneas de producción flexibles y una eficiente integración de procesos para adaptarse a las necesidades de cada cliente.

Efficient and Competitive Production

Our objective is to provide the automotive industry with the best engine bearings, camshaft bushings, thrust washers and pistons, for the original equipment market, as well as the spare parts market.

Clemex' specialized plant in the Lerma Industrial Park in the state of Mexico (50 km west of Mexico City) is backed by the latest technology, CAD-CAM labs, CNC equipment, flexible production lines and efficient process integration that enable it to adapt to its customer's needs.



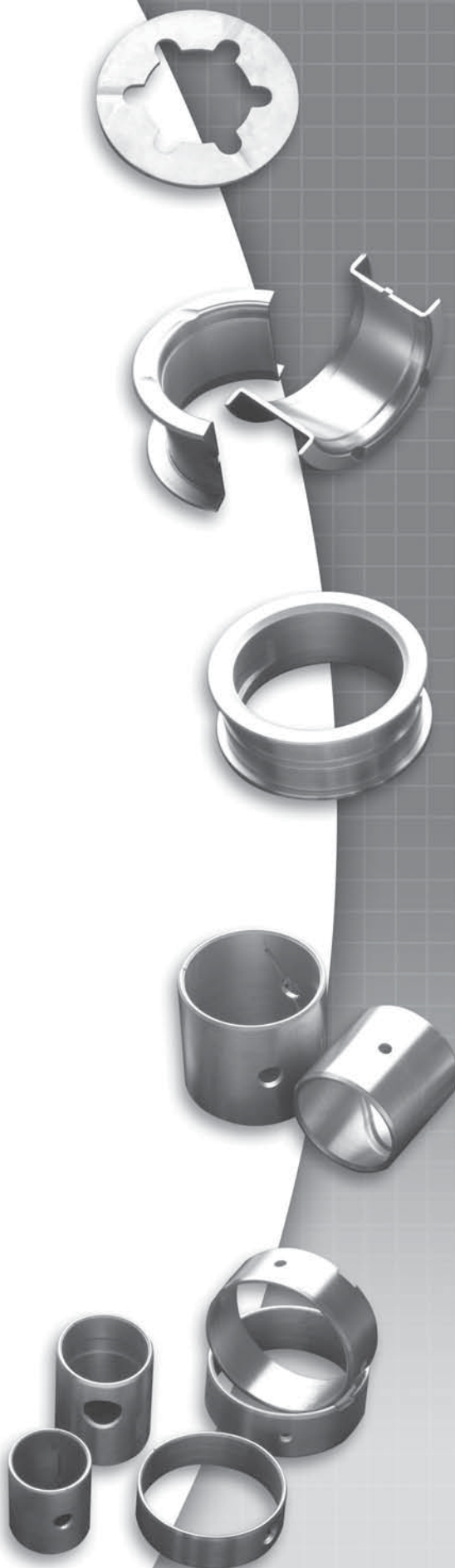
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MUY IMPORTANTE:

La información presentada a lo largo de este catálogo debe tomarse como punto de referencia. Clemex no se hace responsable por posibles malas interpretaciones de la misma ni por errores en su lectura. Para mayor información, comuníquese con nuestro Servicio Técnico al 01 800 404 0639.

VERY IMPORTANT:

The information presented displayed throughout this Catalogue must be taken datum point. Clemex does not become person in charge by possible bad interpretations of the same one nor by errors in its readings. For greater information contact our Technical Service at 01 800 404 0639.



Nuestra identidad

Clemex es considerada como una de las marcas de autopartes más importantes de nuestro país, y poco a poco está logrando obtener la aceptación y preferencia del mercado internacional, gracias a las exitosas exportaciones que continuamente realiza hacia Sudamérica, Europa y Asia.

Orgullosamente mexicana, Clemex ofrece una reconocida calidad sin margen de error en cada uno de sus productos:

- Cojinetes para motor
- Bujes de árbol de levas
- Arandelas de empuje
- Pistones

Desde sus inicios en 1959, Clemex ha consolidado su presencia como uno de los más confiables especialistas en la producción de autopartes. A lo largo de una sólida trayectoria de 46 años, más de 24 millones de motores han sido armados o beneficiados con reparaciones de primera clase, en las que los productos Clemex son los principales elementos que aseguran calidad y eficiencia óptimas.

Esta especializada línea de autopartes para motor satisface los estrictos requerimientos de fabricación que son impuestos por la exigente demanda de equipo original automotriz, sin descuidar las necesidades de los diversos clientes que conforman el mercado de repuesto.

Su planta de producción se encuentra localizada en el Parque Industrial Lerma, Estado de México, a tan sólo 50 kilómetros de la capital del país, brindándole una privilegiada ubicación geográfica que facilita en gran medida la distribución de sus productos, tanto en el mercado mexicano como en los diversos países en los que la marca se encuentra presente.

Consciente de la gran responsabilidad que adquiere con sus clientes, Clemex ha desarrollado la tecnología de punta necesaria para la fabricación de las partes para motor que comercializa, preocupándose siempre por contar con una eficiente integración vertical que abarca desde las materias primas hasta el producto terminado.

La preocupación constante por mantener los más elevados estándares de calidad ha impulsado el desarrollo y la fabricación de herramientas y maquinaria de acuerdo con las necesidades de producción, así como la adquisición de equipos de maquinado CNC. Todo ello, en conjunto, hace posible mantener líneas de producción flexibles, con el fin de satisfacer a corto plazo las necesidades específicas de cada cliente.

Este ambicioso sistema integral de producción es complementado con los más avanzados programas de diseño CAD CAM y la labor de un equipo humano altamente preparado en el propio centro de capacitación Clemex, así como en instituciones académicas y centros de desarrollo.

Our Identity

Clemex is considered one of the country's most important auto parts brand and has slowly won the acceptance and preference of international markets thanks to its successful exports to South America, Europe and Asia.

Proudly Mexican, Clemex provides renowned quality, with no margin for error, in all its products:

- Engine bearings
- Camshaft bushings
- Thrust washers
- Pistons

Established in 1959, Clemex has consolidated its position as one of the most reliable specialists in auto part manufacturing. With a solid track record, over the past 46 years more than 24 million engines have been built or subject to first class repairs in which Clemex products were the main elements that ensured optimal quality and efficiency.

Our specialized line of engine auto parts complies with the strict manufacturing requirements set by original equipment manufacturers without losing sight of the needs of our customers in the spare parts market.

Our production plant is located in the Lerma Industrial Park in the state of Mexico, just 50 kilometers from the country's capital. Our privileged geographic location greatly facilitates product distribution both on the domestic market, as well as worldwide.

Aware of the enormous responsibility it has towards its customers, Clemex has developed the cutting edge technology required to manufacture the engine parts it markets. Our company endeavors to have efficient vertical integration, from raw materials to finished product.

Our interest in meeting the highest standards of quality has lead us to develop and manufacture tools and machinery based on our production needs, as well as to purchase CNC equipment. This has enabled us to have flexible production lines in order to quickly satisfy the specific needs of all our customers.

The latest CAD CAM design software and the efforts of our staff, trained at our own training center, as well as academic institutions and development centers, complement our ambitious comprehensive production system.



A lo largo de su amplia trayectoria en la fabricación de partes para motor, Clemex ha recibido el reconocimiento de clientes e importantes instituciones del ámbito automotriz, los cuales han premiado su nivel de calidad, atención y servicio a través de diversas distinciones:

Ford Motor Company North America Operation

- Q-1 Premio de Calidad

Nissan Mexicana

- Un premio de excelencia Yushu Shoh
- Dos premios Yuryo Shoh (Maestro de Calidad)
- Cinco premios Cero Defectos

Tremec (Transmisiones Mecánicas)

- Quince premios de calidad, 11 concedidos de manera consecutiva

TSP

- Primer lugar de calidad

En la actualidad, Clemex trabaja bajo sistemas de calidad y procesos de fabricación avalados por la norma ISO TS 16949:2002, por parte de QMI (Quality Management Institute of Canada). Además, como una empresa preocupada en gran medida por el cuidado del medio ambiente, ha obtenido la certificación de la norma ISO 14001, también por parte de QMI, sin olvidar el importante reconocimiento del Gobierno Mexicano al considerarla un claro ejemplo de Industria Limpia.

Es así como Clemex adquiere y cumple el compromiso de ofrecerle la más amplia línea de partes para motor con el nivel de calidad, atención y servicio que usted se merece.

**Bienvenido a un mundo de experiencia:
el mundo de la calidad Clemex.**

Over the many years of experience in the manufacturing of engine parts, its customers, as well as important automobile industry institutions have recognized Clemex' work. Clemex has been the recipient of the following quality and service awards:

Ford Motor Company North America Operation

- Q-1 Quality Award

Nissan Mexicana

- One Yushu Shoh Excellence Award
- Two Yuryo Shoh (Quality Master) Awards
- Five Zero Defects Awards

Tremec (Mechanical Transmissions)

- Fifteen Quality Awards, 11 of them consecutively

TSP

- First place in quality

Clemex is currently working with quality systems and manufacturing processes that comply with the ISO TS 16949:2002 standard of the QMI (Quality Management Institute of Canada). In addition, in keeping with its interest to protect the environment, the company has obtained ISO 14001 certification from the QMI and was honored by the Mexican government as an example of a Clean Industry.

Clemex has taken on the commitment of offering the widest range of engine parts with the quality and service you deserve.

**Welcome to a World of Experience:
the World of Clemex Quality.**

**ISO TS 16949:2002
ISO 14001:1996**



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Información técnica relevante

Instrucciones de ajuste

Para asegurar una vida satisfactoria de los cojinetes, hay ciertas reglas simples pero necesarias que deberán observarse con atención. Dado que los cojinetes son extremadamente precisos, éstos no deberán ser limados, tallados, raspados ni maquinados de ninguna manera.

Los cojinetes son maquinados con tolerancias tan finas de hasta .00025 de pulgada (.006 mm) y ésta no podrá mejorarse por un trabajo manual, sin importar qué tan preciso pueda ser. Siga el procedimiento descrito para que el ensamble de los cojinetes sea completamente satisfactorio.

1. Desmontado

Antes de desmontar los cojinetes anteriores, marque la bancada para identificación en el rearmado. Las tapas deberán ser reinstaladas exactamente igual a como fueron desmontadas.

2. Inspección

Remueva el cigüeñal y los cojinetes para verificar el desgaste o algún otro daño. Si los muñones del cigüeñal o la superficie del cojinete se encuentran alterados o fuera de tolerancias de catálogo, en cualquiera de los dos casos se recomienda rectificar el cigüeñal. Si los cojinetes usados muestran signos de condiciones no satisfactorias del motor, el origen de este problema deberá ser localizado y corregido.

Entre las fallas más comunes que los cojinetes mostrarán se encuentran: bielas torcidas, cigüeñales desalineados, alojamientos mal alineados, muñones de cigüeñal mal rectificadas, tapas mezcladas o invertidas, suciedad en el aceite, etc.

3. Limpieza

Deberá llevar a cabo una limpieza cuidadosa del monoblock y de cada uno de sus componentes para garantizar un reemplazo exitoso de los cojinetes. Remueva todos los sellos antes de limpiar. Hay diferentes maneras de llevar a cabo la limpieza de los componentes. Por ejemplo, los métodos más comunes son el Sistema de Limpieza Térmica (horno), o bien, sumergir el motor desarmado en un baño de agitación con productos químicos (las aleaciones de aluminio y acero requieren de diferentes limpiadores químicos). En ambos casos, todas las acumulaciones de suciedad y polvo son removidas. Si no se tiene disponible un sistema de limpieza ya sea térmico o químico, un método es limpiar físicamente todas las acumulaciones de suciedad, y lavar posteriormente con agua y jabón, después de haber removido todos los sellos. Es forzoso asegurarse de que todo el sistema de lubricación esté completamente limpio y libre de obstrucciones.

Relevant Technical Information

Fitting Instructions

To ensure a satisfactory bearing life, there are certain simple but necessary rules which must be closely observed. Because extreme accuracy is built into precision bearings, they must not be filed, scraped or machined in any way.

Bearings are machined to tolerances as fine as .00025 inches (.006 mm) and cannot be improved upon by any hand work, however skillful it may be. Follow the procedure outlined for a completely satisfactory bearing assembly.

1. Dismantling

Before dismantling the old bearings, mark the bearing housings for reassembly identification. The caps must be reassembled exactly as removed.

2. Inspection

Remove the crankshaft and bearings for careful assessment of the extent of wear or other damage. If either the crankshaft journal or bearing surface are found to be altered or outside the dimensions shown in this catalog, in any of both cases re-machining is recommended. If the used bearings exhibit tell-tale signs of unsatisfactory conditions in the engine, the source of these problems must be located and rectified as well.

Common faults that old bearings will highlight include bent or twisted rods, bent crankshafts, misaligned tunnel bores, unsatisfactory journal surface, insufficient or excessive nip, poor tunnel seats, mixed or reversed caps, dirt in oil, etc.

3. Cleaning

Careful cleaning of the engine and all components must be undertaken to ensure successful bearing replacement. Remove all gallery plugs prior to cleaning. There are several ways in which the components can be thoroughly cleaned, e.g. the most commonly used methods are the Thermal Cleaning System (oven) or to allow the disassembled engine to soak in an agitated chemical bath (iron and aluminum-alloy components require different chemical cleaners). In both cases, all sludge and dirt accumulations, hidden and otherwise, are removed. If thermal or chemical cleaning facilities are unavailable, one method is to physically remove the visible dirt and wash down with soap and water after removal of all gallery plugs. It is imperative to ensure that the entire lubrication system is completely clean and obstruction free.

4. Verificar dimensiones

(a) Siempre revise antes de ensamblar las medidas de los muñones del cigüeñal y las bielas, así como la alineación de los mismos para asegurarse que estén dentro de las tolerancias requeridas, especialmente cuando se ha llevado a cabo algún rectificado. Recuerde que el diámetro del cojinete recién ensamblado sólo puede tener la precisión cuando se ensamble en su alojamiento.

(b) Asegúrese de que los cojinetes con los que va a reemplazar sean correctos en todos los detalles de los que van a sustituir, por ejemplo: agujeros de lubricación, ranuras y muescas de localización.

5. Checado de presión de ajuste y asentamiento del respaldo

Revise el ensamble a presión de los cojinetes en su tapa así como su asentamiento en la parte trasera, si al remover los cojinetes antiguos, éstos tienen en el respaldo algunas áreas brillantes o pulidas.

El procedimiento para esta operación es el siguiente:

(a) Aplique una capa de azul de prusia al alojamiento de la biela y a las dos caras de las uniones de la tapa o cuerpo de biela.

(b) Limpie y seque los cojinetes y aplique azul de prusia a las caras de unión de un cojinete. Arme los cojinetes en su alojamiento, apriete manteniendo los tornillos al torque correcto. Las cuerdas deberán ser aceitadas.

(c) Mida con cuidado y apunte las medidas de los diámetros internos de cada par de cojinetes armados, después afloje los tornillos.

(d) Desarme la unidad de cojinetes totalmente. Una inspección del alojamiento y de los cojinetes deberá revelar una transformación homogénea del azul de prusia:

- (i) Del alojamiento al respaldo del cojinete.
- (ii) Una cara de unión del cojinete a la otra.
- (iii) Una de las caras de unión de la tapa a la biela o viceversa. Una transferencia desigual del azul indica que hay una condición fuera de especificaciones y deberá ser revisada y corregida.

6. Revisión de la tolerancia del claro de lubricación

Teniendo los alojamientos de tamaño correcto a especificaciones y los muñones sin desgaste o adecuadamente rectificadas, los cojinetes en bajo medidas Clemex proveerán un claro de lubricación correcto, el cual puede verificarse rápidamente con el uso de "plastigage" al armar.

En casos especiales o cuando exista duda, el claro para aceite deberá ser revisado con medidas cuidadosas y apuntando los tamaños individuales de cada muñón y después restando esto

4. Checking dimensions

(a) Prior to assembly, always check and accurately measure all journals and connecting rod main tunnels, as well as proper alignment, to be certain they are within the required tolerances, particularly if any re-sizing has been performed. Remember, the bore of the assembled bearing can only be accurate when it is fit into the housing.

(b) Check that the replacement bearings are correct in all details according to the bearing remove, i.e.: oil holes, grooves and locating notch.

5. Checking nip and back contact

It is necessary to check the nip or crush fit of the new bearing in their housing and also the back contact if the old bearing backs have any bright or shiny areas.

The procedure of this operation is:

(a) Apply a coating of bearing "blue" to the tunnel seating and the joint faces of the case or cap.

(b) Clean and dry the bearings and apply bearing "blue" to the joint faces of one bearing. Assemble the bearings into the housings, tightening the holding bolts evenly to the correct torque. Threads should be oiled.

(c) Accurately measure and write down the assembled internal diameters of each pair of bearings, then release the bolt or bolts.

(d) Dismantle the bearing unit completely. An examination of the housings and the bearings should reveal and even transformation of "blue" from:

- (i) Tunnel bores to back of bearing.
- (ii) One bearing joint face the other.
- (iii) The cap joint face to the case joint face, or vice versa. An uneven transference of blue indicates some "off standard" condition to be investigated and corrected.

6. Checking oil clearance

With tunnel sizes correct to specification and shaft journals unworn or appropriately ground undersize, Clemex finished to size bearings will provide a correct operating clearance, which can be quickly confirmed with the use of flexigage on assembly.

Where doubt exists, or in special cases, oil clearance should be checked by accurately measuring and writing down each journal diameter and then subtracting this from the corresponding internal bearing diameters that were noted when checking the amount of nip. The difference between the two

de los correspondientes diámetros internos de los cojinetes que a su vez fueron apuntados cuando se revisó la presión de ajuste. La diferencia entre estos dos diámetros equivale a la tolerancia del claro de lubricación vertical que deberá estar dentro de las tolerancias especificadas y que se muestran junto a cada parte en las secciones de aplicación. Cuando estas tolerancias de claro de lubricación se desconocen, la siguiente información podrá asistir al rectificador para establecer cuál será la tolerancia adecuada de los muñones:

Diámetro	Localización	F770
50-70 mm 2.000-2.750 pulgadas	Bielas	0.020-0.064 mm (.0008-.0025 pulgadas)
	Principales (bancada)	0.025-0.076 mm (.0010-.0030 pulgadas)
70-90 mm 2.750-3.500 pulgadas	Bielas	0.025-0.076 mm (.0010-.0030 pulgadas)
	Principales (bancada)	0.038-0.089 mm (.0015-.0035 pulgadas)

Nota: Estas tolerancias de los claros se recomiendan para aplicaciones en un tipo de auto normal de pasajeros.

7. Ensamblado

Al ensamblar el cojinete en su alojamiento, deberá estar PERFECTAMENTE SECO; utilice una pequeña cantidad de aceite grueso o lubricante entre el cojinete y la superficie del cigüeñal. Dé un pequeño apretón a todos los tornillos, antes de apretarlos A SU TORQUE CORRECTO. Cuando finalmente queden apretados, es recomendable darles un golpe firme con un martillo SUAVE, de modo que se neutralice cualquier torsión a la que puedan haber estado sometidos.

8. Juego axial

Los claros recomendados difieren de un motor a otro, aunque las tablas que se muestran a continuación proporcionan una buena guía. Es aconsejable verificar los claros de empuje en ambas caras para asegurar medidas correctas.

A los cojinetes de empuje cobre-plomo se les deberá dar un poco más de tolerancia que a aquellos de empuje de aluminio blanco y aluminio-níquel, y las máquinas de trabajo pesado deberán tener un poco más que las de trabajo normal, pero siempre entre los límites de tolerancia mayor y menor.

Algunos de los juegos de arandelas de empuje y algunos cojinetes de cigüeñal están disponibles en sobremedida para compensar el desgaste del cigüeñal en la cara de empuje.

Consulte las secciones de aplicaciones para ver la disponibilidad de arandelas de empuje con sobremedida. Los juegos principales con cejas, con sobremedida, están anotados en la sección de aplicaciones con información sobre

diameters represents the vertical oil clearance and this must fall within the specified tolerance shown against each part number in the application sections. Where recommended oil clearances are unknown, the following information will assist the machinist in establishing a journal size that will give a safe clearance:

Diameter	Location	F770
50-70 mm 2.000-2.750 inches	Rods	0.020-0.064 mm (.0008-.0025 inches)
	Mains	0.025-0.076 mm (.0010-.0030 inches)
70-90 mm 2.750-3.500 inches	Rods	0.025-0.076 mm (.0010-.0030 inches)
	Mains	0.038-0.089 mm (.0015-.0035 inches)

Note: These clearances are recommended for a normal passenger car type applications.

7. Assembly

Assemble the bearing shells with the SHELLBACKS AND THE HOUSING PERFECTLY DRY, but use a small supply of heavy oil or suitable lubricant between the bearing metal surface and the shaft. Take a light tension on all bolts before finally tightening them EVENLY TO THE CORRECT TENSION. When they have been finally tensioned, it is advisable to give them a firm, sharp blow with a SOFT hammer to neutralize any torsion which may have been set up.

8. End/play

The recommended clearances differ from engine to engine, though the following table provides a good workable guide. It is advisable to check thrust clearances at both thrust faces to ensure an accurate measurement.

Copper-lead thrust bearings should be given slightly more clearance than whitemetal and aluminum thrust, and hard working engines should have a little more than normal duty engines, but always within the high and low clearance figures shown.

Some of the thrust washer sets and some crankshaft bearings are available oversized, in order to compensate the wearing down of the crankshaft in the thrust face.

Refer to application sections to see the availability of oversized thrust washers. The main sets with flanges, oversized, are listed in the applications section with

dimensiones para un juego de motor en particular, que se muestra al final de esta sección.

9. Advertencia

NO INTENTE DAR VUELTAS AL CIGÜEÑAL HASTA QUE LOS TORNILLOS ESTÉN FINALMENTE APRETADOS.

"Plastigage"

"Plastigage" es una tira de plástico fabricada con precisión. Está disponible en dos tamaños y se utiliza para verificar el claro existente entre los cojinetes y el muñón del cigüeñal, y se puede usar en aplicaciones automotriz, marina e industrial.

Los dos tamaños disponibles sirven para tolerancias de .001 a .006 pulg. ó .025 mm a .152 mm, como sigue:

Referencia	Claros entre cubiertas
AG-1 (RG-1) (paquete verde)	.001-.003" ó .025/.076 mm
AR-1 (RR-1) (paquete rojo)	.002-.006" ó .051/.152 mm

Las tiras "plastigage" (12 pulg. de largo) se empacan en sobres individuales, marcados con una graduación apropiada: un lado en milésimas de pulgada y el otro en milímetros. Cada caja de color apropiado contiene 10 tiras en sobres individuales.

Las instrucciones de uso están impresas en la parte posterior de cada caja para fácil referencia, y son las siguientes:

1. Quite la tapa del cojinete, limpie de aceite el muñón y la superficie del cojinete.
2. Ponga un tramo de "plastigage" perpendicular a la cara del cojinete (véase figura 1).
3. Instale la tapa del cojinete y, usando el torquímetro, apriete los tornillos al torque correcto. NO LE DÉ VUELTA AL CIGÜEÑAL NI A LOS COJINETES.
4. Remueva la tapa del cojinete. El "plastigage" se habrá adherido al cojinete o al muñón.
5. Compare el ancho del "plastigage" aplastado con las graduaciones del sobre. El número entre graduaciones indica la tolerancia en milésimas de pulgada o milímetros, dependiendo de cuál lado del sobre se esté utilizando (véase figura 2).

dimensional information of a set for one particular motor, shown at the end of that section.

9. Warning

DO NOT ATTEMPT TO REVOLVE THE CRANKSHAFT UNTIL ALL BOLTS ARE FINALLY TENSIONED.

Flexigage

Flexigage is precision manufactured plastic strip. It is available in two sizes and is used to check clearance of bearings and crankshaft journal, and is suitable for automotive, marine and industrial applications.

The two sizes available together cover clearances from .001 to .006 inches or .025 mm to .152 mm, as follows:

Reference	Covers clearance between
AG-1 (RG-1) (green pack)	.001-.003" or .025/.076 mm
AR-1 (RR-1) (red pack)	.002-.006" or .051/.152 mm

The flexigage strips (12 inches long) are packed in individual envelopes, which are marked in appropriate graduation: one side in thousands of an inch and the other side in millimeters. Ten strips in envelopes are packed in their appropriate colored carton.

Directions for use, which are printed in the outside of each carton for easy reference, are as follows:

1. Remove the bearing cap, wipe the journal and bearing shell clear of oil.
2. Place a piece of flexigage across the bearing at the crown (see figure 1).
3. Install the bearing cap and using a torque, wrench tighten the bolts to the correct tension. DO NOT REVOLVE THE SHAFT OR BEARINGS.
4. Remove bearing cap. The flexigage will be adhered either to the bearing or the journal.
5. Compare the width of the flattened flexigage with the graduation on the envelope. The figure within the graduation indicates the clearance in thousands of an inch or millimeters, depending on which side of the envelope is used (see figure 2).

6. Cuando el "plastigage" está más ancho en un lado que en otro, indica un ajuste desigual. La parte más ancha representa un área con menos tolerancia. Cuando el "plastigage" está más comprimido en el centro del cojinete, ocurre un abarilamiento del muñón.

6. When the flexigage is wider to one side, it indicates an uneven adjustment. The wider side is the area with less tolerance. When the flexigage is more compressed at the center of the bearing, it indicates the barrel has widened.

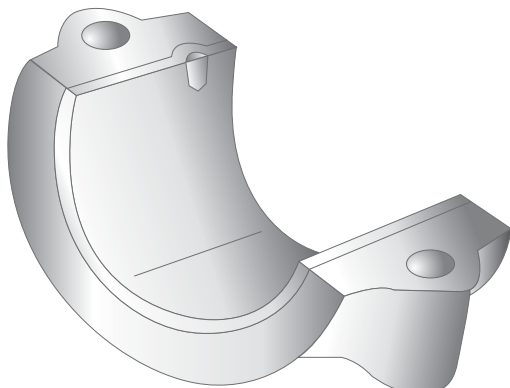


Figura 1/Figure 1

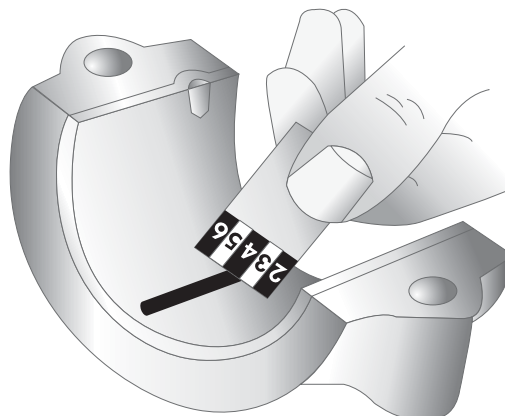


Figura 2/Figure 2

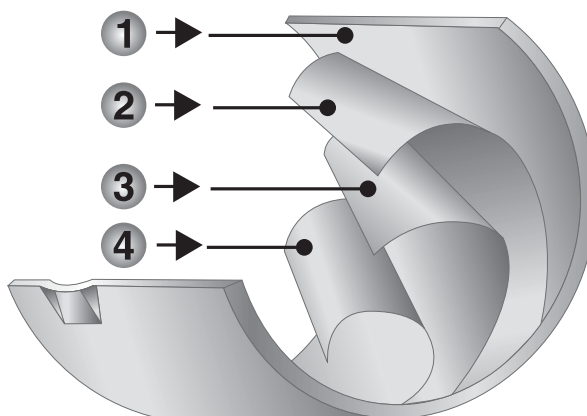
Aleaciones Clemex para cojinetes sinterizados

Clevite de México, S.A. de C.V. surte una gran variedad de cojinetes, bujes y arandelas de empuje a plantas armadoras de equipo original, mercado independiente y exportación. Clemex fabrica diferentes tipos de materiales para varias aplicaciones, el cobre-plomo trimetalico es considerado el mejor material y se utiliza en muchas aplicaciones para equipo original e independiente. Este material proporciona el rango más alto de capacidad de carga con excelente duración, siendo ideal para cojinetes de biela y cigüeñal de motores de alto rendimiento.

Clemex alloy for sinterized bearings

Clevite de México, S.A. de C.V. provides a great variety of bearings, bushings and thrust washers to original assembly equipment factories, independent market and for exportation. Clemex manufactures many different materials for several applications, the copper-lead trimetalic is considered the best material and is used in several independent market applications. This material provides the highest rank in load carrying capacity with excellent wearing duration, being ideal for high performance connecting rod and crankshaft bearings.

1. Respaldo de acero/
Steel strip
2. Aleación de cobre-plomo/
Copper-lead aleation
3. Recubrimiento de níquel/
Nickel overlay
4. Electrodeposición plomo-estaño-cobre/
Electroplated lead-tin-copper overlay



Construcción del cojinete

1. Se utiliza cinta de acero de bajo carbono en la cual se aplica la aleación de polvo metálico de cobre-plomo. La cinta es homeada y compactada para adherir la aleación al respaldo de acero.
2. Las aleaciones de cobre-plomo sinterizadas Clemex son similares en la composición química y generalmente resisten la misma carga que las aleaciones cesterizadas.
3. Para lograr el depósito de babbit a la de cobre-plomo, es necesario incluir una capa intermedia de níquel (*nickel dam*) para prevenir migración de estaño desde el electrodeposición, el cual es un fenómeno metalúrgico natural.
4. El electrodeposición de babbit usado por Clemex tiene una composición aproximada de 90% plomo, 9% estaño y 1% cobre. El espesor de este depósito es de .0007" a .0010" para aplicaciones automotrices.

Tolerancias para la instalación de cojinetes

Tolerancias del monoblock

Acabado de los alojamientos para cojinetes de cigüeñal: 60-90 micropulgadas.

Tolerancia del alojamiento: .025 mm (.001") hasta 250 mm (10.000") del barreno.

Fuera de redondez: .025 mm (.001") máximo si la horizontal es más larga que la vertical.

Alineamiento: .050 mm (.002") máximo desalineamiento. .025 mm (.001") para trabajo pesado o motores altamente cargados.

.025 mm (.001") máximo desalineamiento en barrenos adyacentes. .013 mm (.0005") para trabajo pesado o motores altamente cargados.

Tolerancias del cigüeñal cojinete principal y muñones

Acabado superficial de los muñones: 15 micropulgadas o mejor (10 micropulgadas o mejor para trabajo pesado).

Tolerancias en el diámetro: .013 mm (.0005") hasta 38 mm (1.500"). .025 mm (.001") de 38 mm (1.500") a 250 mm (10.000").

Bearing construction

1. A low carbon steel strip is used to which an alloy of copper-lead metallic powder is applied. The strip is furnace and compacted so the alloy will adhere to the back of the strip of steel.
2. The sinterized Clemex alloys are very similar in chemical composition and generally resist the same load than the cesterized alloys.
3. To get the alloy deposit of babbit to lead-copper it is necessary to apply an intermediate nickel strip (*nickel dam*) to prevent migration of the tin from the overlaid, a natural metallurgic phenomenon.
4. The babbit overlay used by Clemex is 90% lead, 9% tin and 1% copper approximately. The thickness of this deposit is .0007" to .0010" for automotive applications.

Bearing installation Tolerances

Crankcase Tolerances

Finishing of Main Bores: 60-90 micro inches.

Bore Tolerance: .025 mm (.001") up to 250 mm (10.000") bore.

Out-of-Roundness: .025 mm (.001") maximum if horizontal is larger than vertical.

Alignment: .050 mm (.002") maximum overall misalignment. .025 mm (.001") for heavy duty or highly loaded engines.

.025 mm (.001") maximum misalignment on adjacent bores. .013 mm (.0005") for heavy duty or highly loaded engines.

Crankshaft Tolerances Main Bearing and Crankpin Journals

Finishing of journals: 15 micro inches or better (10 micro or better for heavy duty or highly loaded engines).

Diameter tolerances: .013 mm (.0005") up to 38 mm (1.500"). .025 mm (.001") for 38 mm (1.500") to 250 mm (10.000").

Fuera de redondez:

.013 mm (.0005") máximo hasta 125 mm (5.000") de carrera.
.005 mm (.0002") para trabajo pesado (jamás use un muñón fuera de redondez máxima con un alojamiento fuera de redondez máxima).

Conicidad:

.005 mm (.0002") máximo hasta 25 mm (1.000") longitud del muñón.
.003 mm (.0001") para trabajo pesado.

.010 mm (.0004") máximo para 25 mm (1.000") hasta 50 mm (2.000") longitud del muñón.
.005 mm (.0002") para trabajo pesado.

.013 mm (.0005") máximo para 50 mm (2.000") o muñones más largos.
.008 mm (.0003") para trabajo pesado o motores altamente cargados.

Alineamiento:

.025 mm (.001") máximo desalineamiento en muñones adyacentes.
.013 mm (.0005") para trabajo pesado.

.050 mm (.002") máximo desalineamiento.
.025 mm (.001") para trabajo pesado.

Muñones de biela y bancada deben ser paralelos dentro:
.025 mm (.001") a .013 mm (.0005") para trabajo pesado.

Muñón forma de barril: aplicar tolerancias de conicidad.

Los agujeros de aceite deben de coincidir con la superficie del muñón.

Tolerancias del cigüeñal

Diámetro del muñón	Tolerancia
50 mm-69 mm (2.000"-2.750")	.075 mm-.175 mm (.003"-.007")
70 mm-88 mm (2.813"-3.500")	.125 mm-.225 mm (.005"-.009")
88 mm o sobre (3.500" o sobre)	.775 mm-.275 mm (.007"-.011")

Tolerancias de la biela

Acabado interior de tapas de bielas:
60-90 micropulgadas.

Tolerancia del cuerpo de la biela:
.013 mm (.0005") hasta 81 mm (3.250") diámetro.

.025 mm (.0001") de 81 mm a (3.250") a 250 mm (10.000") diámetro.

Out-of-Roundness:

.013 mm (.0005") maximum up to 125 mm (5.000") journal.
.005 mm (.0002") for heavy duty or highly loaded engines (never use a maximum out-of-roundness journal with a maximum out-of-roundness bore).

Taper:

.005 mm (.0002") maximum up to 25 mm (1.000") long journal.
.003 mm (.0001") for heavy duty or highly loaded engines.

.010 mm (.0004") maximum for 25 mm (1.000") to 50 mm (2.000") long journal.
.005 mm (.0002") for heavy duty or highly loaded engines.

.013 mm (.0005") maximum for 50 mm (2.000") or longer journal.
.008 mm (.0003") for heavy duty or highly loaded engines.

Alignment:

.025 mm (.001") maximum misalignment on adjacent journals.
.013 mm (.0005") for heavy duty or highly loaded engines.

.050 mm (.002") maximum overall misalignment.
.025 mm (.001") for heavy duty or highly loaded engines.

Crankpin and main journals should be parallel within:

.025 mm (.001") to .013 mm (.0005") for heavy duty or highly loaded engines.

Hour-Glass or barrel shape condition: Same as Taper.

Oil holes must be well blended into journal surface.

Crankshaft End Clearance

Journal Diameter	End Clearance
50 mm-69 mm (2.000"-2.750")	.075 mm-.175 mm (.003"-.007")
70 mm-88 mm (2.813"-3.500")	.125 mm-.225 mm (.005"-.009")
88 mm or over (3.500" or over)	.775 mm-.275 mm (.007"-.011")

Connecting Rod Tolerances

Finishing of Rod Bores:
60-90 micro inches.

Rod Tolerances:

.013 mm (.0005") up to 81 mm (3.250") diameter.

.025 mm (.0001") from 81 mm to (3.250") to 250 mm (10.000") diameter.

Fuera de redondez:

.025 mm (.001") máximo si la horizontal es mayor que la vertical.

Conicidad:

.005 mm (.0002") hasta 25 mm (1.000") de largo.

.003 mm (.0001") para trabajo pesado del muñón.

.010 mm (.0004") para 25 mm (1.000") a 50 mm (2.000") largo.

.005 mm (.0002") para trabajo pesado del muñón.

.013 mm (.0005") para 50 mm (2.000") o más largo.

.008 mm (.0003") para trabajo pesado del muñón.

Forma de barril: tolerancias iguales que la conicidad.

Paralelismo entre tapa biela y barreno perno: .025 mm (.001") en 150 mm (5.000").

Biela torcida máximo: .025 mm (.001") en 150 mm (6.000").

Bielas y tolerancias

Los extremos del muñón no deben mantenerse en los extremos del cojinete, .10 mm (.004") a .25 mm (.010") claro recomendado.

Cojinetes diámetro libre

Cojinetes principales: .13 mm (.005") a .50 mm (.020") de diámetro libre.

Cojinetes de la biela: 50 mm (.020") claro máximo como diámetro libre.

Claros de lubricación en cojinetes sobremedida

Los claros de lubricación mostrados en este catálogo son los tamaños de precisión de equipo original.

Cuando se instalen cojinetes sobremedida, ajuste el claro de lubricación de la siguiente manera:

Diseño de cojinete

Ajuste por compresión

Esta característica aplicada a semicojinetes se logra haciendo que cada mitad sea mayor en la longitud de su circunferencia que el medio círculo exacto. Esto se puede observar fácilmente cuando el cojinete se pone en el alojamiento.

Out-of-Roundness:

.025 mm (.001") maximum if horizontal is larger than vertical.

Taper:

.005 mm (.0002") up to 25 mm (1.000") length.

.003 mm (.0001") for heavy duty or highly loaded engines.

.010 mm (.0004") for 25 mm (1.000") to 50 mm (2.000") length.

.005 mm (.0002") for heavy duty or highly loaded engines.

.013 mm (.0005") for 50 mm (2.000") or longer.

.008 mm (.0003") for heavy duty or highly loaded engines.

Hour-Glass or Barrel Shape Condition: Same as taper.

Parallelism between rod bore and wrist pin hole: .025 mm (.001") in 150 mm (5.000").

Twist: .025 mm (.001") in 150 mm (6.000").

Connecting Rod End Clearance

Fillets at end of crankpin should not bind on ends of rod bearing, .10 mm (.004") to .25 mm (.010") recommended clearance.

Bearing spread

Main bearings: .13 mm (.005") to .50 mm (.020") in excess of crankcase bore diameter.

Connecting rod bearings: 50 mm (.020") in excess of rod bore.

Oil Clearance resized Bearings

The oil clearances shown in this catalogue are for the factory manufactured precision sizes.

When installing a resized bearing, adjust the oil clearance shown as follows:

Bearing Design

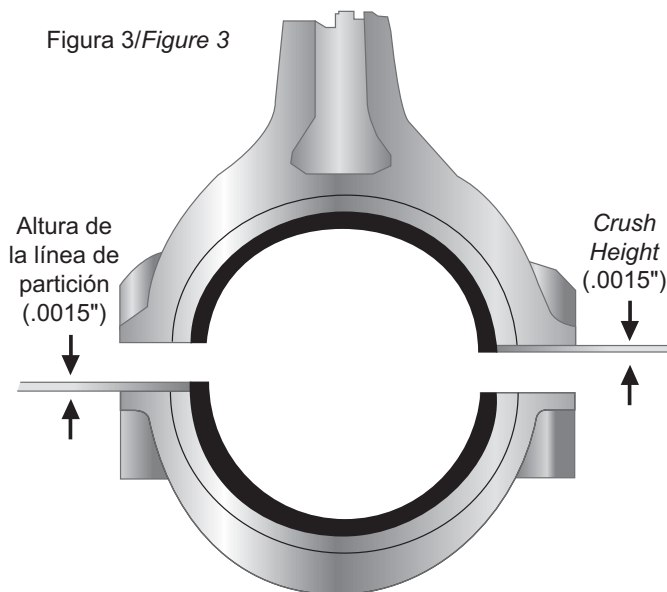
Crush

This feature as applied to half bearings is achieved by making each half slightly greater in radial length than an exact half circle. This can be seen quite easily when a half bearing is snapped into place in its housing.

Las caras divisorias se extienden un poco más allá de su asiento. A esta extensión se le llama altura de la línea de partición y produce el ajuste por compresión (véase figura 3).

The parting faces extend a little beyond the seat. This extension is called crush and produces adjustment by compression (see figure 3).

Figura 3/Figure 3



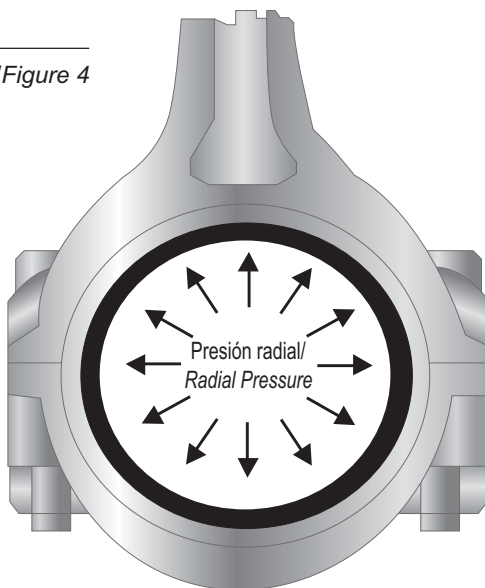
La altura de la línea de partición asegura el asentamiento de los cojinetes en su alojamiento. Cuando la tapa se aprieta, una línea de partición muy alta o muy corta podría causar problemas al cojinete.

Crush height guarantees the seating of the bearings in their housing. When the bearing cap is tightened, too much crush or too little crush will lead to bearing trouble.

Cuando se une un par de cojinetes y se ensamblan en su alojamiento, el apriete de la tapa producirá una presión radial controlada y uniforme (véase figura 4).

When two half bearing are paired and assembled into their housing, tightening of the caps bolts will produce a controlled and uniform radial pressure (see figure 4).

Figura 4/Figure 4



La altura de partición asegura el contacto entre el respaldo del cojinete y su alojamiento. Esto permite una eficiente transferencia de calor durante la operación del motor.

Provee asimismo una gran resistencia del cojinete al ser girado en el alojamiento en la dirección de la rotación de la flecha o en dirección axial.

Los bujes de árbol de levas fabricados con cinta y del tipo abierto o cerrado con unión tipo "clinch" se miden con diámetro bajo carga, hecho por el fabricante para permitir que el buje se mantenga en su posición proporcionando una adecuada interferencia con su alojamiento sin la necesidad de utilizar pernos o cualquier otro dispositivo de fijación.

La muesca de los cojinetes funciona sólo para localizar el adecuado ensamble en su alojamiento.

Pared excéntrica

La mayor parte de los cojinetes se fabrican con una excentricidad en la pared. Esto significa que el espesor de pared se hace gradualmente más delgado, desde el máximo en la corona (o línea central) y disminuyendo al mínimo en una distancia específica (véase figura A). Esta ligera excentricidad construida en la pared del cojinete, ayudará a incrementar el efecto de fijación, permitiendo que una capa de aceite se forme bajo el área de carga. También provee un claro horizontal mayor que el vertical, lo que permite un límite mayor de almacenamiento para la operación sin él. La excentricidad posibilita un menor flujo de aceite como ayuda a la disipación del calor (véase figura B).

Es importante, por tanto, que la verificación de la bajo medida del cojinete sea medida con un micrómetro solamente en la corona (pared en la línea central). Si la medición es realizada en cualquier otra parte, puede provocar errores.

Crush height ensures intimate contact between the back of the bearing and the bore of the housing, thus permitting efficient heat transfer during operation of the engine.

It provides a high resistance of the bearing towards turning or creeping within the housing in the direction of shaft rotation, or in an axial direction.

Camshaft bearings of the split construction made from strip material and having a butt seam or an inter locked clinch joint are measured with diameter under load. A crush or press fit allowance is made by the manufacturer to provide adequate interference in the housing without the need for dowels or other retaining devices.

The notch of the bearings only works to locate the suitable joint in its housing.

Eccentric Wall

Most bearings are manufactured with eccentric wall. This means that the wall thickness gradually becomes thinner tapering from a maximum at the crown (or center line) to a lesser amount at a specified distance (see figure A). This slight eccentricity built into the bearing wall will help increase the fixation effect, allowing an oil film to build under the loaded area. It also provides greater horizontal clearance than vertical clearance, thus permitting a larger storage limit for the operation without it. The eccentricity permits smaller oil flow as an aid to heat dissipation (see figure B).

Its important, therefore, that micrometer checking of bearings for undersize be done only at the crown (wall at center line) of the bearing. As a reading taken elsewhere may prove erroneous.

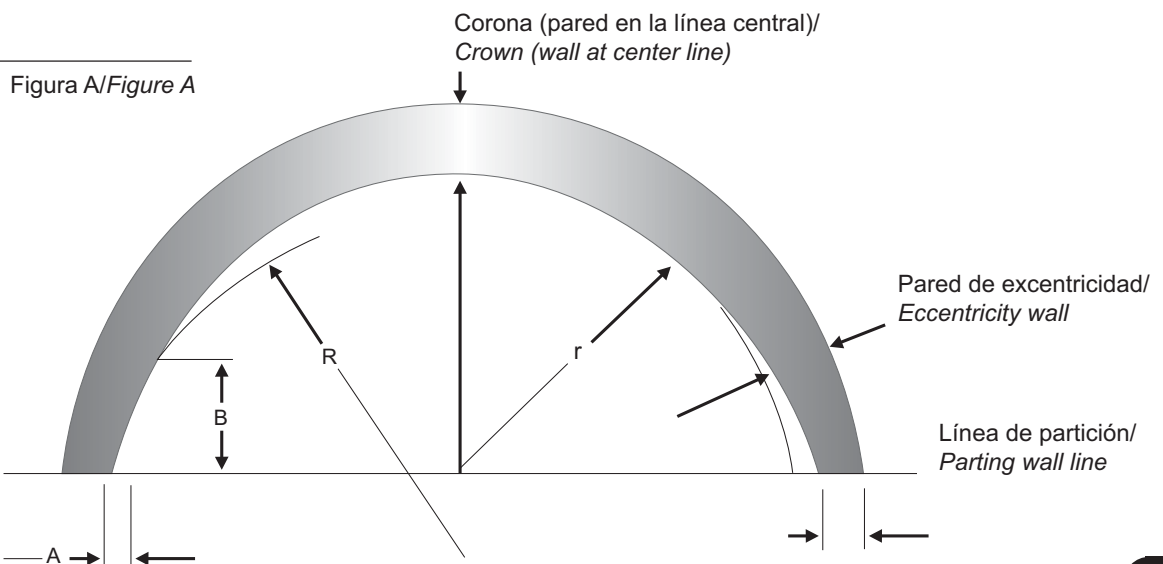
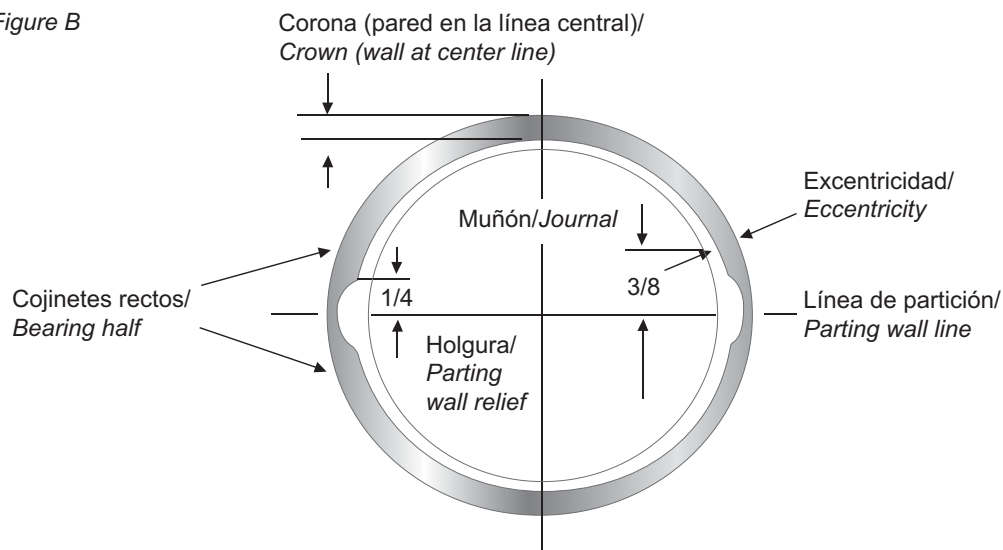
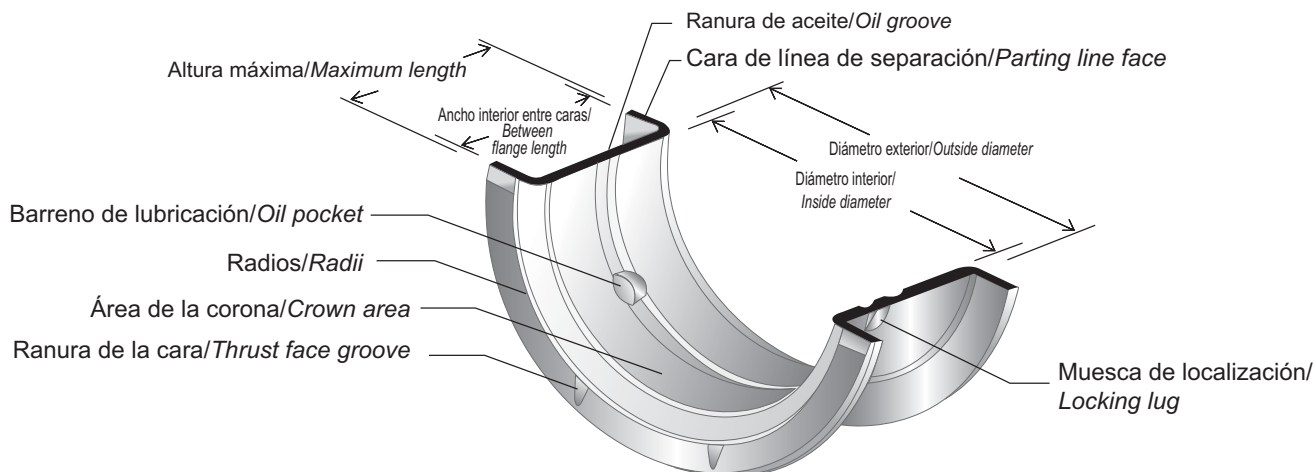
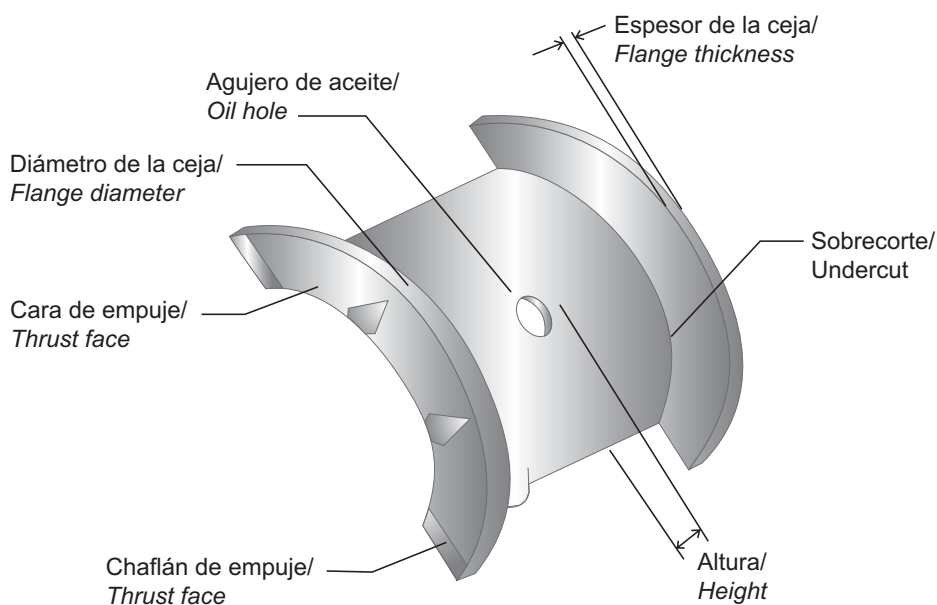


Figura A/Figure A

Figura B/ Figure B



Nomenclatura del cojinete de ceja/ Flange Bearing Nomenclature



Diseños de cigüeñal/ Crankshaft Designs



Dos cojinetes principales - 2 cilindros/
Two main bearings - 2 cylinders



Cinco cojinetes principales - 8 cilindros/
Five main bearings - 8 cylinders



Tres cojinetes principales - 4 cilindros/
Three main bearings - 4 cylinders



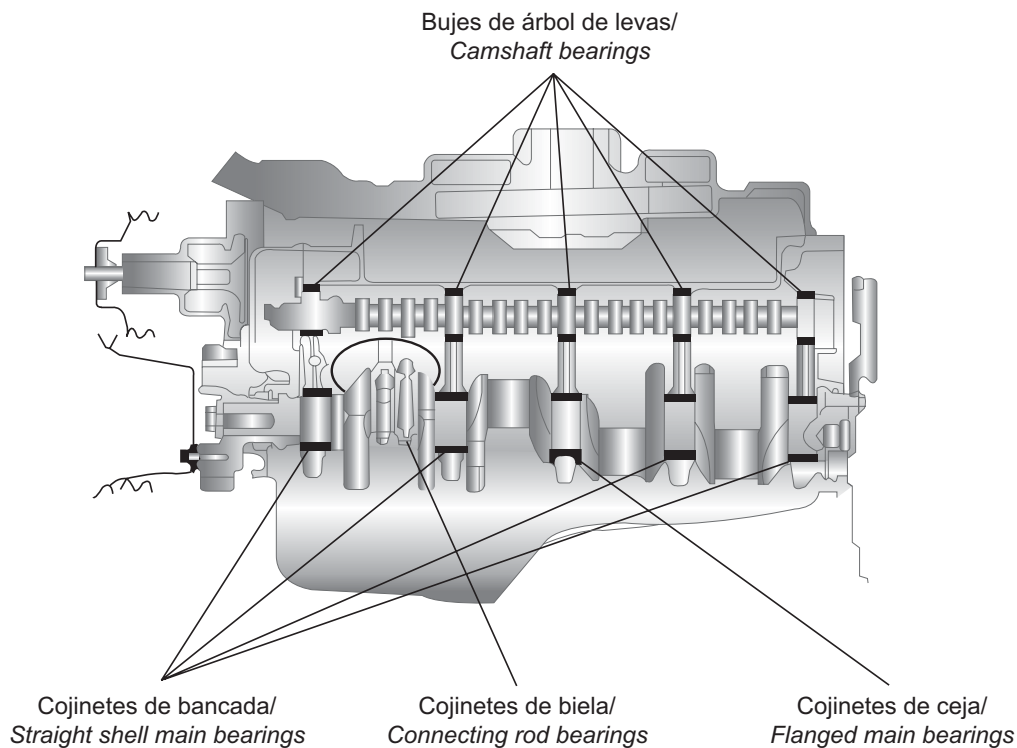
Siete cojinetes principales - 6 cilindros/
Seven main bearings - 6 cylinders



Cuatro cojinetes principales - 6 cilindros/
Four main bearings - 6 cylinders



Nueve cojinetes principales - 8 cilindros/
Nine main bearings - 8 cylinders



Traducción al español/Translation to Spanish

Los símbolos, términos y frases de abajo, utilizados en todas las publicaciones, se traducen a continuación para su conveniencia.
The symbols, terms and phrases below, used in all the publications, are here translated for your convenience.

Adapter	Adaptador	Floor	Piso	Plate (Pl.)	Placa
Adjustable	Ajustable	Flywheel (Fly.)	Volante	Plenum	Pleno
After	Después	From	Desde	Police Car (P/C)	Automóvil policial
Agricultural	Agricultura	Front (Frt.)	Frente	Positive (Pos.)	Positivo
Air Cleaner	Filtro de aire	Fuel Injection (FI)	Inyección de combustible	Premium (Prem.)	Superior
Air Conditioning (A/C)	Aire acondicionado	Fuel Pump	Bomba de combustible	Pump	Bomba
Alloy	Aleación	Gas	Gasolina	Push Rod Cover	Tapa de varilla de empuje
Aluminum (Alum.)	Aluminio	Gasket	Empaquetadura	Ratio	Relación
Application	Aplicación	Gear	Engranaje	Rear (Rr.)	Atrás
As Required (AR)	Como sea requerido	Governor (Gov.)	Regulador	Rear Axle Flange	Ceja de eje trasero
Assembly	Ensamblar	Head (Hd.)	Cabeza	Rear Brake Carrier Plate	Plato del portafreno trasero
Assortment	Variedad	Heat Riser	Camisa de calefacción	Rear Main Seal	Retén del cojinete de bancada trasera
Automatic	Automático	Heat Shield	Protección contra calor	Rear Wheel Backing Plate	Contraplato de la rueda trasera
Available	Disponible	Heavy Duty (H/D)	Trabajo pesado	Resonator (Res.)	Silenciador
Axle	Eje	Heavy Truck	Camión pesado	Right (RH)	Derecha
Bearing (Brg.)	Cojinete	High Output (H.O.)	Alto rendimiento	Right Bank (R.B.)	Lado derecho
Before	Antes	High Performance	Alto rendimiento	Ring Gear	Corona
Between	Entre	Hole	Agujero	Rolls	Rollos
Block (Blk.)	Monoblock	Horsepower (H.P.)	Caballos de fuerza	Rubber (Rub.)	Caucho
Body	Carrocería	Housing (Hsg.)	Barrenos alojamiento	Seal	Retén
Bolt	Perno o tornillo	Identification	Identificación	Series (Ser.)	Serie
Bore	Diámetro de la camisa	Industrial (Ind.)	Industrial	Sets	Juegos
Brakes	Frenos	Injection	Inyección	Shaft	Eje
Brass Shim Stock	Material para suplementos de latón	Inlet (Inl.)	Entrada	Sheet	Hoja
Bulk Materials	Materiales a granel	Inner	Interior	Shim	Suplemento
Camshaft (Cam.)	Árbol de levas	Inside Diameter (I.D.)	Diámetro interior	Short	Corto
Carburetor (Carb.)	Carburador	Insulator (Insul.)	Aislador	Single (Sgl.)	Sencillo
Carburetor Baffle Plate	Placa deflectora del carburador	Intake (Int.)	Admisión	Size	Tamaño
Cast Iron	Hierro fundido	Interchange	Intercambio	Small (Sm.)	Pequeño
Catalogue	Catálogo	Kit	Juego	Spacer	Espaciador
Center	Centro	Large (Lg.)	Grande	Spark Plug Tube Seal	Retén tubo bujía de encendido
Chart	Cuadro	Late	Tarde	Special (Spec.)	Especial
Choke	Estrangulador	Leaf Spring	Muelle de hoja	Speed (Spd.)	Velocidad
Clutch	Embrague	Left (LH)	Izquierdo	Standard (Std.)	Estándar
Column	Columna	Left Bank (L.B.)	Lado izquierdo	Station Wagon (S/W)	Camioneta
Commercial (Comm.)	Comercial	Light Duty (L/D)	Servicio liviano	Steel (Stl.)	Acero
Connecting Rod (C/R)	Biela	Light (Lt.) Truck	Camión liviano	Strainer	Colador
Contains	Contiene	Liquid Petroleum	Gas de petróleo líquido	Super Duty (S.D.)	Servicio superior
Continued	Continua	Gas	Gasolina	Taxi	Taxi
Converter (Conv.)	Convertidor	Long	Largo	Temperature (Temp.)	Temperatura
Cooling (Cool.)	Enfriamiento	Lower (Lwr.)	Bajo	Thermostat (Therm.)	Termostato
Cork	Corcho	Lower Set	Juego inferior	Thick (Th.)	Grueso
Cover (Cov.)	Tapa	Manifold (Mani.)	Múltiple	Thin	Delgado
Crankcase (C/C)	Bancada	Manual (Man.)	Manual	Thrustwasher (T/W)	Arandela de empuje
Crankshaft	Cigüeñal	Material (Matl.)	Material	Timing Cover	Tapa de regulación
Crossflow	Flujo transversal	Maximum (Max.)	Máximo	Timing Cover Plate	Placa de tapa de regulación
Crossover (C/O)	Cruce	Medium Duty (M/D)	Servicio mediano	Ton	Tonelada
Cylinder (Cyl.)	Cilindro	Miscellaneous (Misc.)	Varios	Tractor (Trac.)	Tractor
Cylinder Head	Cabeza de cilindros	Model	Modelo	Transaxle	Transeje
Cubic inch	Pulgada cúbica	Mounting (Mtg.)	Montaje	Transmission (Trans.)	Transmisión
Data	Información	Not Required (NR)	No requerido	Treated Paper	Papel tratado
Diameter (Dia.)	Diámetro	Number (No.)	Número	Tri-Metal (TM)	Tri-metal
Diesel	Diesel	Oil	Aceite	Turbocharger (Turbo)	Turboalimentador
Differential (Diff.)	Diferencial	Oil Cooler	Enfriador de aceite	Type	Tipo
Displacement	Desplazamiento	Oil Filter	Filtro de aceite	Typical	Típico
Distributor (Dist.)	Distribuidor	Oil Level Gauge Tube Seal	Retén tubo medidor del nivel de aceite	Upper (Upr.)	Superior
Drivetrain	Tren propulsor	Oil Pan	Carter	Valve	Válvula
Dual (Dbl.)	Doble	Oil Pump	Bomba de aceite	Valve Grind Set	Juego para rectificación de válvula
Early	Temprano	Oil Pump Release Valve Spring Cap	Válvula de destrabe de la bomba de aceite	Valve/Push Rod Cover Seal	Retén tapa varilla de empuje de válvula
Elbow (Elb.)	Codo	Optional (Opt.)	Opcional	Valve Cover	Tapa de balancines de válvula
Electronic	Electrónico	O-Rings	Aros "O" arosellos	Valve Steam Seal	Retén del vástago de la válvula
Embossed (Emb.)	En relieve	Outer	Exterior	Ventilation (Vent.)	Ventilación
Emissions (Emis.)	Emisiones	Outlet (Out.)	Salida	Vertical	Vertical
Engine (Eng.)	Motor	Outside Diameter (O.D.)	Diámetro exterior	Water Adapter	Adaptador de agua
Except (Exc.)	Excepto	Overdrive (O/D)	Sobremarcha	Water By-Pass	Derivación de agua
Exhaust (Exh.)	Escape	Overhaul Set	Juego para reacondicionamiento	Water Manifold Seal	Retén del múltiple del agua
Exhaust Gas	Recirculación de los gases del escape	Oversize (O/S)	Sobremedida	Water Outlet	Salida del agua
Recirculation (EGR)		Page	Página	Water Pump	Bomba de agua
Explanation	Explicación	Pan	Colector	With (W/)	Con
Extension (Ext.)	Extensión	Part Number	Pieza número	Without (W/O)	Sin
Felt	Fieltro	Passenger Car	Automóvil	Year	Año
Flange (Flg.)	Ceja	Pipe	Tubo		

Sistema de conversiones/ Measuring System Conversions

Fracciones (pulgadas) convertidas a decimales (pulgadas)/ Fractions (inches) converted to decimal (inches)

Fracción (pulgadas)/ Fraction (inches)	Decimal (pulgadas)/ Decimal (inches)	Fracción (pulgadas)/ Fraction (inches)	Decimal (pulgadas)/ Decimal (inches)	Fracción (pulgadas)/ Fraction (inches)	Decimal (pulgadas)/ Decimal (inches)	Fracción (pulgadas)/ Fraction (inches)	Decimal (pulgadas)/ Decimal (inches)
1/64	.016	17/64	.266	33/64	.516	49/64	.766
1/32	.031	9/32	.281	17/32	.531	25/32	.781
3/64	.047	19/64	.297	35/64	.547	51/64	.797
1/16	.063	5/16	.313	9/16	.563	13/16	.813
5/64	.078	21/64	.328	37/64	.578	53/64	.828
3/32	.094	11/32	.344	19/32	.594	27/32	.844
7/64	.109	23/64	.359	39/64	.609	55/64	.859
1/8	.125	3/8	.375	5/8	.625	7/8	.875
9/64	.141	25/64	.391	41/64	.641	57/64	.891
5/32	.156	13/32	.406	21/32	.656	29/32	.906
11/64	.172	27/64	.422	43/64	.672	59/64	.922
3/16	.188	7/16	.438	11/16	.688	15/16	.938
13/64	.203	29/64	.453	45/64	.703	61/64	.953
7/32	.219	15/32	.469	23/32	.719	31/32	.969
15/64	.234	31/64	.484	47/64	.734	63/64	.984
1/4	.250	1/2	.500	3/4	.750	1	1.000

Decimal (pulgadas) convertido a métrico (milímetros)/ Decimal (inches) converted to metric (millimeters)

Decimal (pulgadas)/ Decimal (inches)	Métrico (milímetros)/ Metric (millimeters)	Decimal (pulgadas)/ Decimal (inches)	Métrico (milímetros)/ Metric (millimeters)	Decimal (pulgadas)/ Decimal (inches)	Métrico (milímetros)/ Metric (millimeters)	Decimal (pulgadas)/ Decimal (inches)	Métrico (milímetros)/ Metric (millimeters)
.001	.25	.210	5.334	.510	12.954	.810	20.574
.002	.51	.220	5.588	.520	13.208	.820	20.828
.003	.76	.230	5.842	.530	13.462	.830	21.082
.004	.102	.240	6.096	.540	13.716	.840	21.336
.005	.127	.250	6.350	.550	13.970	.850	21.590
.006	.152	.260	6.604	.560	14.224	.860	21.844
.007	.178	.270	6.858	.570	14.478	.870	22.098
.008	.203	.280	7.112	.580	14.732	.880	22.352
.009	.229	.290	7.366	.590	14.986	.890	22.606
.010	.254	.300	7.620	.600	15.240	.900	22.860
		.310	7.874	.610	15.494	.910	23.114
.020	.508	.320	8.128	.620	15.748	.920	23.368
.030	.762	.330	8.382	.630	16.002	.930	23.622
.040	1.016	.340	8.636	.640	16.256	.940	23.876
.050	1.270	.350	8.890	.650	16.510	.950	24.130
.060	1.524	.360	9.144	.660	16.764	.960	24.384
.070	1.778	.370	9.398	.670	17.018	.970	24.638
.080	2.032	.380	9.652	.680	17.272	.980	24.892
.090	2.286	.390	9.906	.690	17.526	.990	25.146
.100	2.540	.400	10.160	.700	17.780	.1000	25.400
.110	2.794	.410	10.414	.710	18.034		
.120	3.048	.420	10.668	.720	18.288		
.130	3.302	.430	10.922	.730	18.542		
.140	3.3356	.440	11.176	.740	18.796		
.150	3.810	.450	11.430	.750	19.050		
.160	4.064	.460	11.684	.760	19.304		
.170	4.318	.470	11.938	.770	19.558		
.180	4.572	.480	12.192	.780	19.812		
.190	4.826	.490	12.446	.790	20.055		
.200	5.080	.500	12.700	.800	20.320		

Sistema de conversiones/ Measuring System Conversions

**Métrico (milímetros) convertido a decimal (pulgadas)/
Metric (millimeters) converted to decimal (inches)**

Métrico (milímetros)/ Metric (millimeters)	Decimal (pulgadas)/ Decimal (inches)	Métrico (milímetros)/ Metric (millimeters)	Decimal (pulgadas)/ Decimal (inches)	Métrico (milímetros)/ Metric (millimeters)	Decimal (pulgadas)/ Decimal (inches)	Métrico (milímetros)/ Metric (millimeters)	Decimal (pulgadas)/ Decimal (inches)
1	.039	31	1.220	61	2.402	91	3.583
2	.079	32	1.260	62	2.441	92	3.622
3	.118	33	1.299	63	2.480	93	3.661
4	.157	34	1.339	64	2.520	94	3.701
5	.197	35	1.378	65	2.559	95	3.740
6	.236	36	1.417	66	2.598	96	3.780
7	.276	37	1.457	67	2.638	97	3.819
8	.315	38	1.496	68	2.677	98	3.858
9	.354	39	1.535	69	2.717	99	3.898
10	.394	40	1.575	70	2.756	100	3.937
11	.433	41	1.614	71	2.795	101	3.976
12	.472	42	1.654	72	2.835	102	4.016
13	.512	43	1.693	73	2.874	103	4.055
14	.551	44	1.732	74	2.913	104	4.095
15	.591	45	1.772	75	2.953	105	4.134
16	.630	46	1.811	76	2.992	106	4.173
17	.669	47	1.850	77	3.032	107	4.213
18	.709	48	1.890	78	3.071	108	4.252
19	.748	49	1.929	79	3.110	109	4.291
20	.787	50	1.969	80	3.150	110	4.331
21	.827	51	2.008	81	3.189		
22	.866	52	2.047	82	3.228		
23	.906	53	2.087	83	3.268		
24	.945	54	2.126	84	3.307		
25	.984	55	2.165	85	3.346		
26	1.024	56	2.205	86	3.386		
27	1.063	57	2.244	87	3.425		
28	1.102	58	2.283	88	3.465		
29	1.142	59	2.323	89	3.504		
30	1.181	60	2.362	90	3.543		

**Torque (pie-libras) convertido a torque (newton-metros)/
Torque (foot-pounds) converted to Torque (newton-meters)**

		Columnas de unidades/Units column									
C o l u m n a T o r q u e c o n v e r t i d o	Pie-lb/Ft-Lb	0	1	2	3	4	5	6	7	8	9
		N-m	N-m	N-m	N-m	N-m	N-m	N-m	N-m	N-m	N-m
			1.3558	2.7116	4.0675	5.4233	6.77921	8.1349	9.4907	10.8465	12.2024
	10	13.5582	14.9194	16.2698	17.6256	18.9815	20.3373	21.6931	23.0489	24.4047	25.7605
	20	27.1164	28.4722	29.8280	31.1838	32.5396	33.8954	35.2513	36.6071	37.9629	39.3187
	30	40.0304	42.0304	43.3862	46.7420	46.0978	47.4536	48.8094	50.1653	51.5211	52.8769
	40	54.2327	55.5585	56.9444	58.3002	59.6560	61.0118	62.3676	63.7234	65.0793	66.4351
	50	67.7909	69.1467	70.5025	71.8584	73.2142	74.5700	75.9258	77.2815	78.6374	79.9933
	60	81.3491	82.7049	84.0607	85.4165	86.7724	88.1282	89.4840	90.8398	92.1956	93.5514
	70	94.9073	96.2631	97.6189	99.9747	100.3305	101.6863	103.0422	104.3980	105.7538	107.1096
	80	108.4654	109.8213	111.1771	112.5329	113.8887	115.2445	116.6003	117.9562	119.3120	120.6678
	90	122.0236	123.3794	124.7353	126.0911	127.4469	128.8027	130.1585	131.5143	132.8702	134.2260
	100	135.5818	136.9376	138.2934	139.6493	141.0051	142.3609	143.7167	145.0725	146.4283	147.7842

¿Cómo usar este catálogo?

En Clemex deseamos proporcionarle información útil y precisa para realizar la correcta selección de las autopartes que usted requiere. Por ello, este catálogo ha sido cuidadosamente diseñado con el fin de elegir, de manera fácil y rápida, el cojinete para motor que se adecue a sus necesidades.

Para una elección correcta, siga las instrucciones que se describen a continuación.

How to Use This Catalogue?

At Clemex we want to provide you with useful, accurate information to help you select the auto parts you require. With that in mind, this catalogue has been carefully designed to quickly help you choose the engine bearing that fits your needs.

To make the right choice, follow the instructions.

Búsqueda por catálogo de aplicaciones

1. Localice la marca o el fabricante del vehículo, como se muestra en cada página del catálogo de aplicaciones (el nombre de la marca o fabricante se observa en la parte superior de cada grupo de bloques).

Search the Catalogue According to Application

1. Find vehicle make or manufacturer on the application catalogue's pages (make or manufacturer can be found above each group of blocks).

1 MARCA/BRAND

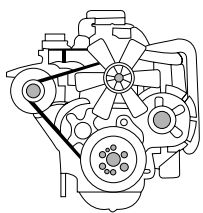


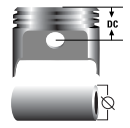
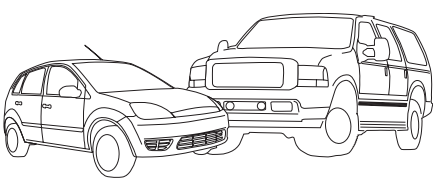
CATÁLOGO DE APLICACIONES Y REFERENCIAS TÉCNICAS/ CATALOGUE OF APPLICATIONS AND TECHNICAL REFERENCES

BLOQUE/BLOCK	X				
		1			
AMERICAN MOTORS (AMC, RAMBLER)					
1	L6	199 (3.3 L) (1965-70) 232 (3.8 L) (1964-79) 258 (4.2 L) (1971-88)	199- 3.750 in./95.3 mm 3.000 in./76.2 mm 232- 3.750 in./95.3 mm 3.500 in./88.9 mm 258- 3.750 in./95.3 mm 3.906 in./99.2 mm	AMX, AMBASSOR, AMERICAN, CONCORD, EAGLE, EAGLE SX/4, GREMLIN, HORNET, JAVELIN, MADLIN	CB 960 F MS 704 F MB 2263 MB 2264 SH 549 S SH 549 SH 550

2. En la parte superior de cada página del catálogo, encontrará una serie de viñetas con datos específicos: número de cilindros, tipo de motor, diámetro y carrera (en milímetros y pulgadas), y aplicaciones o modelos de vehículos. Considere estos datos al momento de hacer su selección.

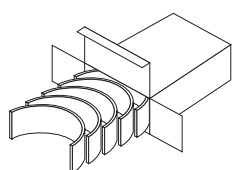
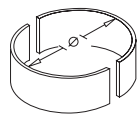
2. *Specific data is provided in the upper part of each catalogue page: number of cylinders, type of engine, diameter and stroke (in millimeters and inches) and applications or model. Bear all this in mind when making a selection.*

X  CIL./ CYL.	 MOTOR/ ENGINE
--	--

 DIÁMETRO Y CARRERA/ DIAMETER AND STROKE	 APLICACIÓN/ APPLICATION
---	--

3. Tome en cuenta el número de juegos Clemex y las medidas disponibles que corresponden a la pieza elegida.

3. *Take the number of Clemex sets and available measures for each selected part into consideration.*

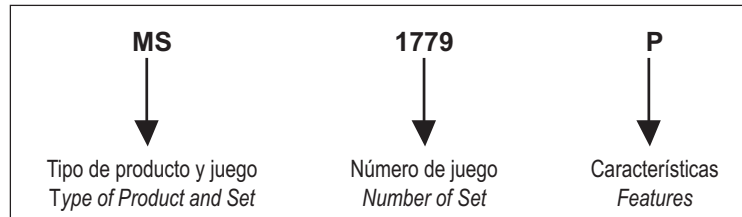
 No. JUEGO/ NUMBER OF SET	 MEDIDAS/ MEASURES
---	--

4. En la columna **Número de juego**, observará que cada referencia está conformada por conceptos distintos.

Los juegos se encuentran resaltados en negritas:

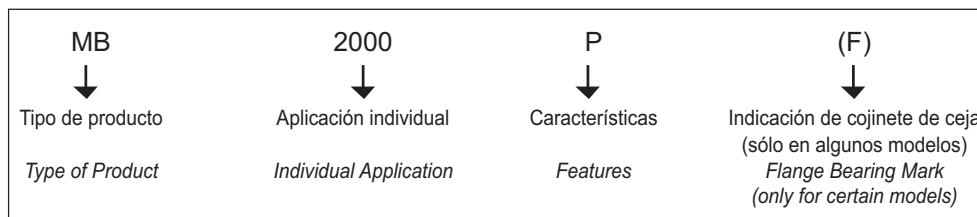
4. Note each reference in the **Number of Set** column consists of different descriptions.

Sets are highlighted in boldface:



Los componentes, por su parte, son presentados de la siguiente forma:

The components, are expressed as follows:



Algunos conceptos se refieren a claves que proporcionan información específica. Consulte las siguientes tablas para conocer el tipo y las características de la pieza seleccionada.

Some descriptions use codes that provide specific information. Consult the following tables to learn more about the type of product and features.

Tipo de producto

Type of Product

CB Cojinete de biela

Cada motor requiere un par de cojinetes por biela, y cada juego de cojinetes contiene los pares necesarios para su instalación. Por ejemplo, si un motor posee cuatro bielas, requerirá cuatro pares de cojinetes.

CB Connecting Rod Bearing

Every engine needs a pair of bearings for each connecting rod and each set of bearings has the pairs required for installation. If an engine has four connecting rods for example, it will require four pairs of bearings.

MS Juego principal o de cigüeñal (cojinetes de bancada)

Incluye la posición o localización de cada par de cojinetes en el motor, llevando la misma referencia que en los cojinetes de árbol. El juego incluye los pares para todas las posiciones.

MS Main set or crankshaft (Main Bearings)

Includes the position or location of each pair of bearings in the engine and has the same mark as the camshaft bearings. The set includes the pairs for every position.

MB Cojinetes de cigüeñal individual

MB Individual Main Bearings

SH Cojinetes de árbol de levas

Incluye la posición de cada cojinete en el motor (la posición 1 se encuentra en la parte frontal).

SH Camshaft Bearings

Includes the position of every bearing in the engine (position 1 is in the front).

TW Arandelas de empuje

Para motores en los que el cojinete de ceja no es de una pieza en el juego de cojinetes para el cigüeñal (se usan para evitar el juego axial del mismo).

TW Thrust Washers

For engines in which the flange bearing is not a single piece in the set of main bearings (used to avoid axial play).

CLV Bujes de biela

Partes individuales: se utilizan tantas piezas como bielas tenga el motor.

CLV Connecting Rod Bushings

Individual parts: use the same number of parts as connecting rods in the engine.

CA Buje para cabeza de aluminio

Incluye la posición de cada buje en el motor.

CA Bushings for Aluminium Head

Includes the position of every bushing in the engine.

Características

Features

AL Protector de aluminio sólido

Protege a los cojinetes de acero con aluminio. La precisión de los tamaños del cojinete no puede ser ajustada a otra medida.

AL Solid Aluminum Protector

Protects steel bearings with aluminum. Precision of bearing sizes cannot be adjusted to any other measurement.

P Cojinetes de acero con capa de aleación cobre-plomo

Con barrera electrodepositada de plomo-estaño-cobre. Las sobremedidas de precisión no pueden ser ajustadas a otro tamaño (material designado F-770 ó F-780).

P Steel bearings with copper-lead alloy overlay

With an electroplated lead-tin-copper overlay. Precision oversizes cannot be adjusted to other sizes (designated material F-770 or F-780).

S Número de designación

Indica el número de designación del juego.

S Designation Number

Indicates set's designation number.

W Indicación de arandela de empuje

Indica una parte que es una arandela de empuje (puede ser designada inferior o superior).

W Thrust Washer Mark

Indicates thrust washer part (can be designated as upper or lower).

5. En la columna **Medidas disponibles** se incluyen las sobremedidas existentes para cada juego. Actualmente los cojinetes se encuentran identificados con un color específico en su costado que indica sobremedida y estampado, según el siguiente código:

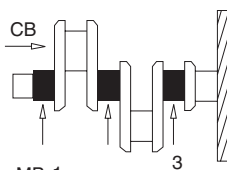
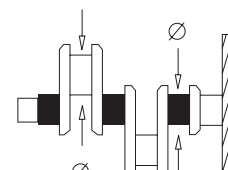
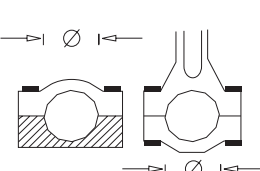
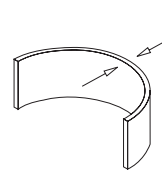
Medida	Color
STD (estándar)	Verde
0.010"/0.25 mm	Negro
0.020"/0.50 mm	Morado
0.030"/0.75 mm	Azul
0.040"/1.00 mm	Café
0.050"/1.25 mm	Naranja
0.060"/1.50 mm	Amarillo

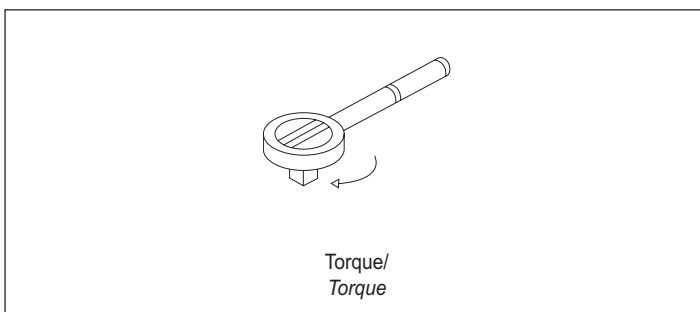
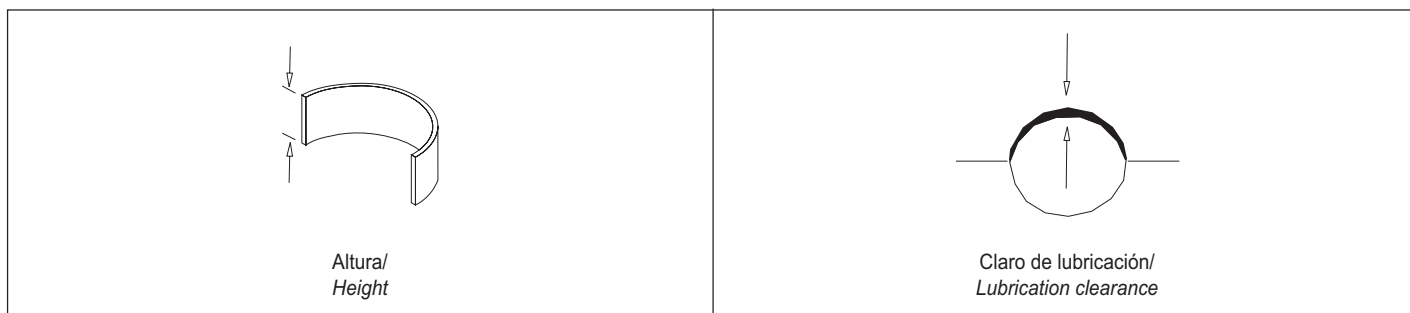
5. The **Available Measures** column includes existing oversizes for each set. Currently, bearings are identified by different colors on sides that refer to oversize and stamping according to the following code:

Measure	Color
STD (standard)	Green
0.010"/0.25 mm	Black
0.020"/0.50 mm	Purple
0.030"/0.75 mm	Blue
0.040"/1.00 mm	Brown
0.050"/1.25 mm	Orange
0.060"/1.50 mm	Yellow

6. El catálogo de aplicaciones también le ofrece una serie de datos que le serán de gran utilidad para llevar a cabo una adecuada instalación de la pieza seleccionada. Estos datos se encuentran representados por las viñetas ubicadas en la parte superior izquierda de su catálogo.

6. The applications catalogue also provides data helpful in properly installing selected parts. Data is provided in bullet points in upper left hand corner of catalogue.

 Posición o ubicación/ Position or location	 Dímetro del muñón/ Journal diameter
 Dímetro de alojamiento/ Housing diameter	 Espesor máximo de pared/ Maximum wall thickness



Búsqueda por listado numérico

Search the Catalogue According to Numeric List

1. En caso de que usted cuente con el número específico de juego Clemex del producto de su interés, podrá encontrar fácilmente sus datos a través de los listados numéricos anexados al final del catálogo de aplicaciones.

1. If you have the specific Clemex set number of the required product, find the data in the numeric lists located in the back of the applications catalogue.

2. Para ello, simplemente debe buscarlo según el prefijo: CB (cojinete de biela), MS (cojinetes de bancada), SH (cojinetes de árbol de levas), TW (arandelas de empuje) o CLV (bujes de biela), de acuerdo con el tipo de producto que se trate.

2. Search based on the following prefixes: CB (connecting rod bearing), MS (main bearings), SH (camshaft bearings), TW (thrust washers) or CLV (connecting rod bushings), depending on type of product.

1 PRODUCTO/PRODUCT

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BL BL
1 CB 481 P	STD*, 10*, 20*, 30*, 40*, 50*, 60*	V8	CHRYSLER	273 (4.5 L), 277 (4.5 L), 301 (4.9 L), 313 (5.1 L), 326 (1956-69)	
				318 (5.2 L) (1957-04), 318 (5.2 L) CNG (1992-01)	
				340 (5.6 L) OHV (1968-73)	
				360 (5.9 L) (1971-02), 360 (5.9 L) LPG (1971-93)	
				488 (8.0 L) Block de aluminio/hierro (1994-02)	
CB 481 P	STD*, 10*, 20*, 30*, 40*, 50*, 60*	V10	CHRYSLER	488 (8.0 L) Block de aluminio/hierro (1994-02)	



3. Una vez localizado el producto deseado, podrá conocer las medidas, cilindros, marcas y motores de referencia en el listado numérico.

3. After locating the part you need, refer to the measures, cylinders, makes and engines in the numeric list.

- 1 MEDIDAS/MEASURES
- 2 CIL./CYL.
- 3 MARCA/BRAND
- 4 MOTOR/ENGINE



Listado numérico de productos/Numeric List of Products
Cojinetes de biela/Connecting Rod Bearings

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK

4. Si desea mayor información, cada listado numérico le ofrece el número de bloque y página que ocupa su producto en el catálogo de aplicaciones, para localizarlo de manera ágil y oportuna.

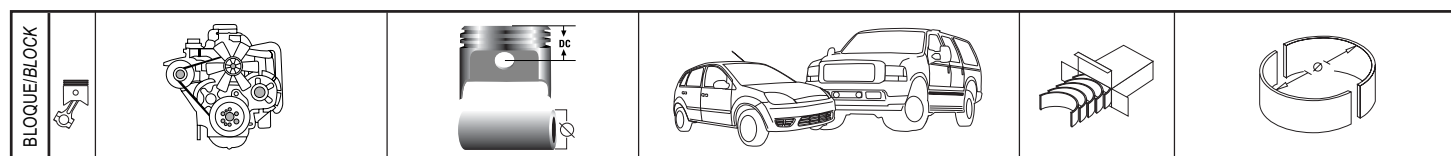
4. If you require additional information, each numeric list indicates product block and page number in the application catalogue for easy reference.

- 1 BLOQUE/BLOCK



Listado numérico de productos/Numeric List of Products
Cojinetes de biela/Connecting Rod Bearings

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CB 481 P	STD*, 10*, 20*, 30*, 40*, 50*, 60*	V8	CHRYSLER	273 (4.5 L), 277 (4.5 L), 301 (4.9 L), 313 (5.1 L), 326 (1956-69) 348 (5.2 L) (40E7 04) 348 (5.2 L) CMC (4002 04)	23 24



AMERICAN MOTORS (AMC, RAMBLER)

ÍNDICE DE MOTORES/ENGINE INDEX

6 CILINDROS/6 CYLINDERS		6 CILINDROS/6 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
199 CID (3.3 L) AMC (1965-70)	1	258 CID (4.2 L) AMC (1971-88)	1
232 CID (3.8 L) AMC (1964-79)	1		

1	L6	199 (3.3 L) (1965-70)	199- 3.750 in/95.3 mm 3.000 in/76.2 mm	AMX, AMBASSADOR, AMERICAN, CONCORD, EAGLE, EAGLE SX/4, GREMLIN, HORNET, JAVELIN, MARLIN, MATADOR, PACER, RAMBLER, REBEL, SPIRIT	CB 960 P	STD, 10, 20, 30, 40, 50, 60
		232 (3.8 L) (1964-79)	232- 3.750 in/95.3 mm 3.500 in/88.9 mm		MS 704 P	STD, 10, 20, 30, 40, 60
		258 (4.2 L) (1971-88)	258- 3.750 in/95.3 mm 3.906 in/99.2 mm		MB 2263 P MB 2264 P (F)	
					SH 549 S	STD, 10*, 20*, 30*
					SH 549 SH 550 SH 551 SH 552	
2	V8	290, 304, 343, 360 (1966-78)		AMERICAN, GREMLIN, PACER, RAMBLER	CB 960 P	STD, 10, 20, 30, 40, 50, 60

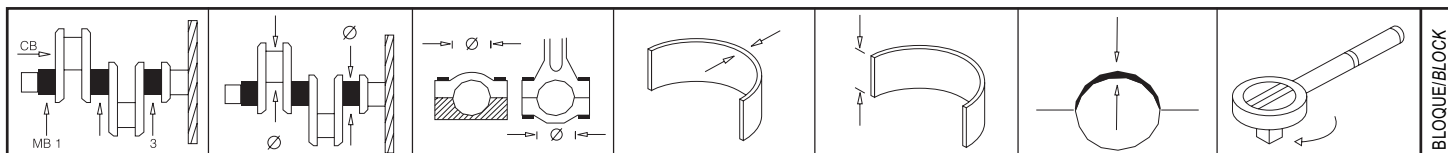
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ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1471 cc (1.5 L) SOHC (1973-74)	1	1780 cc (1.8 L) (1983-87)	2
1588 cc (1.6 L) YG, YH, YK (1975-80)	1	1984 cc (2.0 L) SOHC (1988-91)	2
1588 cc (1.6 L) CR, JK, CY (1982-83)	2		
1715 cc (1.7 L) WT (1981-84)	1		

1	L4	1471 cc (1.5 L) SOHC (1973-74)	1471- 3.012 in/76.5 mm x 3.150 in/80 mm	4000, FOX	CB 1017 P	STD, 10, 20, 30, 40, 50
		1588 cc (1.6 L) YG, YH, YK (1975-80)	1588- 3.130 in/79.5 mm x 3.150/80 mm		MS 1157 P	STD, 10, 20, 30, 40
		1715 cc (1.7 L) WT (1981-84)	1715- 3.130 in/79.5 mm x 3.386 in/86 mm		MB 692 P MB 693 P (F)	
					SH 1209 S	STD
					SH 1209 SH 1210	
					CLV 431-A	SEMI
2	L4	1588 cc (1.6 L) CR, JK, CY (1982-83)	1588- 3.012 in/76.5 mm x 3.386/86 mm	80, 4000	CB 1426 P	STD, 10, 20, 30, 40
		1780 cc (1.8 L) (1983-87)	1780- 3.189 in/81 mm x 3.386 in/86 mm		MS 1157 P	STD, 10, 20, 30, 40
		1984 cc (2.0 L) SOHC (1988-91)	1984- 3.248 in/82.5 mm x 3.650 in/92.7 mm		MB 692 P MB 693 P (F)	
					SH 1209 S	STD
					SH 1209 SH 1210	
					CLV 431-AA	SEMI

* Producto disponible hasta agotar existencias./Until existence are available.



AMERICAN MOTORS (AMC, RAMBLER)

ÍNDICE DE MOTORES/ENGINE INDEX

8 CILINDROS/8 CYLINDERS				8 CILINDROS/8 CYLINDERS			
Motor/Engine	Bloque/Block			Motor/Engine	Bloque/Block		
290 CID (4.8 L) AMC (1966-69)	2			343 CID (5.6 L) AMC (1967-69)	2		
304 CID (5.0 L) AMC (1970-79)	2			360 CID (5.9 L) AMC (1957-66)	2		

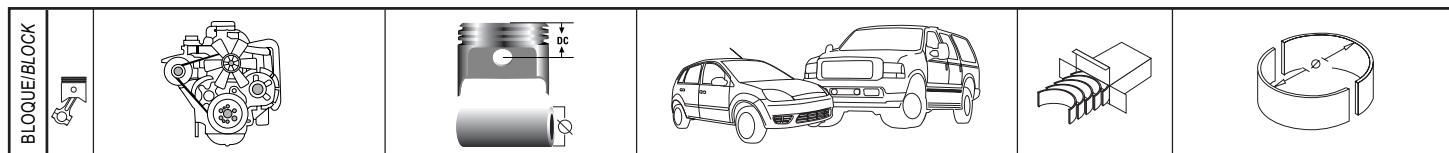
	2.0948/2.0955	2.2080/2.2085	0.0559	0.8370	0.0012/0.0034	27 a 30	1
1-2-4-5-6-7	2.4996/2.5001	2.6910/2.6920	0.0953	0.9860	0.0006/0.0031	75 a 85	
3	2.4996/2.5001	2.6910/2.6920	0.0953	1.2700	0.0006/0.0031	75 a 85	
1	2.0295/2.0305	2.1555/2.1565	0.0620	0.6950	0.0010/0.0042		
2	2.0195/2.0205	2.1455/2.1465	0.0620	0.7050	0.0010/0.0050		
3	2.0095/2.0105	2.1355/2.1365	0.0620	0.7050	0.0010/0.0050		
4	1.9995/2.0005	2.1255/2.1265	0.0620	0.7050	0.0010/0.0050		
	2.0948/2.0955	2.2080/2.2085	0.0559	0.8370	0.0012/0.0034	27 a 30	
							2

AUDI

ÍNDICE DE MOTORES/ENGINE INDEX

5 CILINDROS/5 CYLINDERS				5 CILINDROS/5 CYLINDERS			
Motor/Engine	Bloque/Block			Motor/Engine	Bloque/Block		
1986 cc (2.0 L) CN/DE SOHC (1979-85)	3			2226 cc (2.2 L) DOHC (1984-95)	3		
2144 cc (2.2 L) SOHC (1978-83)	4			2309 cc (2.3 L) SOHC (1988-92)	3		
2144 cc (2.2 L) SOHC (1984-86)	3			2309 cc (2.3 L) DOHC (1988-92)	3		
2226 cc (2.2 L) SOHC (1984-95)	3						

	1.8087/1.8094	1.9291/1.9298	0.0593	0.7480	0.0016/0.0040	33	1
1-2-4-5	2.1236/2.1244	2.3228/2.3236	0.0985	0.7280	0.0016/0.0041	47	
3	2.1236/2.1244	2.3228/2.3236	0.0985	0.9820	0.0016/0.0041		
1	1.6913/1.6919	1.8110/1.8120	0.0590	0.5900	0.0011/0.0039		
2	1.6519/1.6525	1.7716/1.7726	0.0590	0.5900	0.0011/0.0033		
		0.9843/0.9851	0.1190	0.9843			
	1.8802/1.8810	1.9921/1.9929	0.0553	0.7480	0.0009/0.0032	33	
1-2-4-5	2.1236/2.1244	2.3228/2.3236	0.0985	0.7280	0.0016/0.0041	47	
3	2.1236/2.1244	2.3228/2.3236	0.0985	0.9820	0.0016/0.0041		2
1	1.6913/1.6919	1.8110/1.8120	0.0590	0.5900	0.0011/0.0039		
2	1.6519/1.6525	1.7716/1.7726	0.0590	0.5900	0.0011/0.0033		



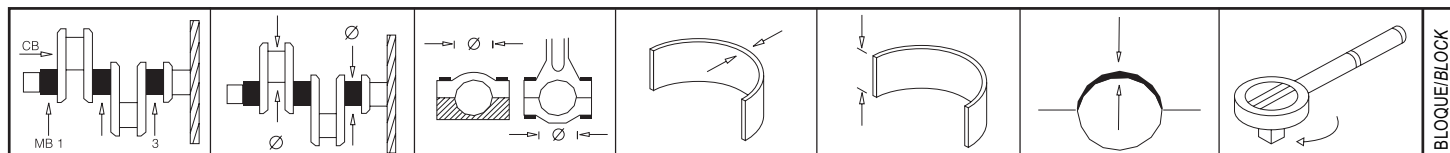
3	L5	1986 cc (2.0 L) CN/DE SOHC (1979-85) 2144 cc (2.2 L) SOHC (1984-86) 2226 cc (2.2 L) SOHC, DOHC (1984-95) 2309 cc (2.3 L) SOHC, DOHC (1988-92)	1986- 3.012 in/76.5 mm x 3.386 in/86 mm 2144- 3.130 in/79.5 x 3.386 in/86 mm 2226- 3.189 in/81 mm x 3.386 in/86 mm 2309- 3.248 in/82.5 mm x 3.386 in/86 mm	90, 100, 4000, 5000, COUPÉ, QUATTRO, S4, S6	CB 1426 P STD, 10, 20, 30, 40 CLV 431-AA SEMI
		2144 cc (2.2 L) SOHC (1978-83)	2144 cc- 3.130 in/79.5 mm x 3.386 in/86 mm	80, 4000, 5000, QUATTRO	CB 1017 P STD, 10, 20, 30, 40, 50 CLV 431-A SEMI

CHRYSLER (DODGE, JEEP)

ÍNDICE DE MOTORES /ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
999 cc (1.0 L), 1086 cc (1.1 L) SOHC 12V Hyundai (2000-05)	1	148/2429 cc (2.4 L) DOHC EDZ (1995-04)	11
86 CID (1.4 L) SOHC "J" (1979-89)	2	150 CID (2.5 L) Jeep (1996-02)	12
92 CID (1.5 L) SOHC 8V "Q" (1985-88)	2	150 CID (2.5 L) SOHC Renault (1988-90)	12
92 CID (1.5 L) SOHC 8V "Q" Turbo (1985-88)	2	153 CID (2.5 L) SOHC Turbo (1989-96)	10
92 CID (1.5 L) SOHC 12V "Q" (1991-96)	3	156 CID (2.6 L) SOHC "F" Mitsubishi Turbo (1985-89)	8
98 CID (1.6 L) SOHC K & Z (1971-84)	4	156 CID (2.6 L) SOHC "F" Mitsubishi (1978-87)	8
98 CID (1.6 L) SOHC K & Z Turbo (1984-90)	4	156 CID (2.6 L) SOHC "F" Turbo (1984-87)	8
98 CID (1.6 L) SOHC (1989-90)	4	6 CILINDROS/6 CYLINDERS	
98 CID (1.6 L) DOHC Turbo (1989-90)	4	2497 CID (2.5 L) Mitsubishi EEB (1995-00)	13
105 CID (1.7 L) VW (1978-83)	5	170 CID (2.8 L) OHV (1960-69)	14
107 CID (1.8 L) 8V 4G37 (1989-92)	6	198 CID (3.2 L) OHV (1970-74)	14
122 CID (2.0 L) SOHC (1995-02)	9	181 CID (3.0 L) SOHC (1987-00)	15
122 CID (2.0 L) DOHC (1995-99)	9	181 CID (3.0 L) DOHC (1987-00)	15
122 CID (2.0 L) DOHC 4G63 (1989-94)	7	181 CID (3.0 L) DOHC (1991-98)	15
122 CID (2.0 L) 4G63T (1990-98)	7	201 CID (3.3 L) OHV (1990-02)	16
122 CID/1997 cc (2.0 L) SOHC Mitsubishi (1974-82)	8	215 CID (3.5 L) SOHC (1993-05)	17
135 CID (2.2 L) SOHC (1981-94)	10	225 CID (3.7 L) H225, HA225, HB225, HC225 (1961-87)	19
135 CID (2.2 L) DOHC (1989-93)	10	225 CID (3.7 L) OHV (1961-87)	19
144 CID (2.4 L) SOHC 4G64 (1990-93)	7	226/3701 (3.7 L) EGK SOHC 12V (2003-05)	18

1	L4	999 cc (1.0 L) 1086 cc (1.1 L) SOHC 12V Hyundai (2000-05) Epsilon	999- 66 mm x 73 mm 1086- 67 mm x 77 mm	ATOS, ATOS PRIME	CB 7000 P STD, .25 mm, .50 mm MS 7000 P STD, .25 mm, .50 mm MB 7001 P MB 7000 W (2)
		86 (1.4 L) SOHC "J" (1979-89) 92 (1.5 L) SOHC 8V "Q" (1985-88) 92 (1.5 L) SOHC 8V "Q" Turbo (1985-88) Mitsubishi	86- 2.913 in/74 mm x 3.228 in/82 mm 92- 2.972 in/75.5 mm x 3.228 in/82 mm	CHAMP, COLT, COLT 100, COLT 200, SUMMIT	CB 1278 P STD, 10, 20, 30 MS 1668 P STD, 10, 20, 30 MB 3049 P MB 3050 P (F)



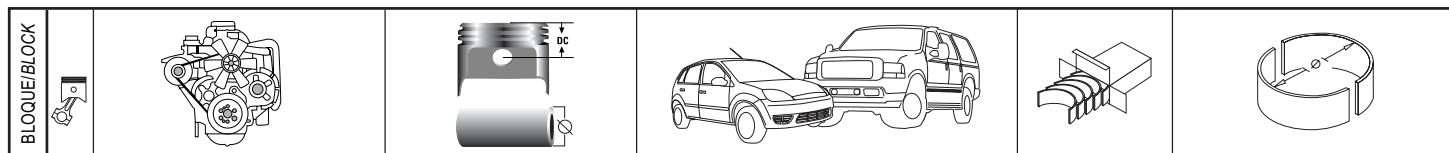
1.8802/1.8810	1.9921/1.9929	0.0553	0.7480	0.0009/0.0032	33	3
1.8087/1.8094	1.9291/1.9298	0.0593	0.7480	0.0016/0.0040	33	4
	0.9843/0.9851	0.1190	0.9843			

CHRYSLER (DODGE, JEEP)

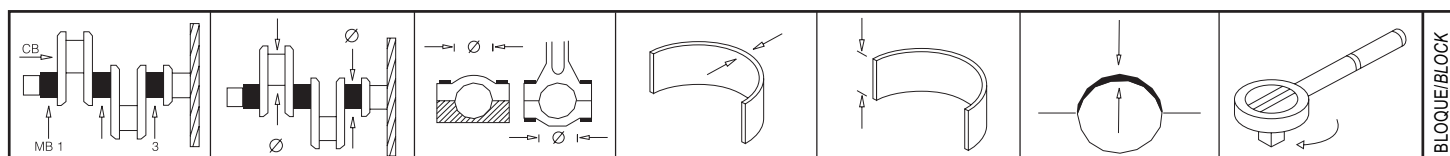
ÍNDICE DE MOTORES/ENGINE INDEX

6 CILINDROS/6 CYLINDERS		8 CILINDROS/8 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
230 CID (3.8 L) (1991-05)	16	361 CID (5.9 L) OHV (1958-77)	26
239 CID (3.9 L) OHV (1987-02)	20	383 CID (6.3 L) OHV LPG (1959-71)	26
242 CID (4.0 L) Jeep (1987-01)	21	383 CID (6.3 L) OHV (1959-60)	28
258 CID (4.2 L) Jeep (1971-88)	21	400 CID (6.6 L) OHV (1972-80)	26
		413 CID (6.8 L) OHV (1959-77)	28
		426 CID (7.0 L) (1964-71)	28
		440 CID (7.2 L) OHV (1966-80)	28
8 CILINDROS/8 CYLINDERS		10 CILINDROS/10 CYLINDERS	
273 CID (4.5 L) OHV (1964-69)	23	488 CID (8.0 L) Block de aluminio (1994-96)	29
277 CID (4.5 L) OHV (1956-57)	23	488 CID (8.0 L) Block de hierro (1994-02)	29
301 CID (4.9 L) (1956-57)	23		
287 (4.7 L) SOHC (2000-05)	22		
313 CID (5.1 L) DODGE (1958-65)	23		
318 CID (5.2 L) (1957-02)	24		
318 CID (5.2 L) CNG (1992-01)	24		
318 CID (5.2 L) H318, HA318, HB318, HC318, LH318, LT318	24		
326 CID (5.3 L) OHV (1959)	23		
340 CID (5.6 L) OHV (1968-73)	25		
350 CID (5.7 L) OHV (1958)	26		
360 CID (5.9 L) (1971-02)	27		
360 CID (5.9 L) LPG (1971-93)	27		

1.4955/1.4961	1.6128/1.6138	0.0590	0.5750	0.0004/0.0012	1
1.6522/1.6533	1.8105/1.8115	0.0786	0.6350	0.0009/0.0021	
1.8460/1.8660	2.2950/2.3150	0.0980			
1.6527/1.6535	1.7717/1.7725	0.0588	0.6940	0.0011/0.0035	24 a 25
1-2-4-5	1.8890/1.8898	2.0472/2.0480	0.0783	0.0011/0.0034	37 a 39
3	1.8890/1.8898	2.0472/2.0480	0.0793	0.0011/0.0034	37 a 39

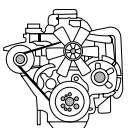
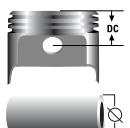
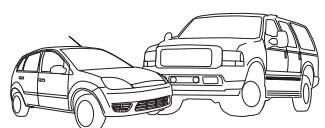
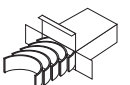
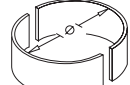


3	L4	92 (1.5 L) SOHC 12V "Q" (1991-96) Mitsubishi	92- 2.972 in/75.5 mm x 3.228 in/82 mm	COLT, COLT 100, COLT 200, SUMMIT	MS 1668 P MB 3049 P MB 3050 P (F)	STD, 10, 20, 30
4	L4	98 (1.6 L) SOHC K & Z (1971-84) 98 (1.6 L) SOHC, DOHC Turbo (1989-90) 98 (1.6 L) SOHC K & Z Turbo (1984-90) Mitsubishi	DOHC- 3.240 in/82.3 mm x 2.953 in/75 mm SOHC- 3.028 in/76.9 mm x 3.386 in/86 mm	ARROW, CHALLENGER, CHAMP, COLT, COLT 200, COLT PREMIER, SAPPORO, SUMMIT	CB 1120 P MS 1559 P MB 2869 P MB 1173 P (F) SH 1465 S SH 1465 S SH 1466 S	STD, 10, 20, 30 STD, 10, 20, 30, 40 STD
5	L4	105 (1.7 L) SOHC Volkswagen (1978-83)	3.130 in/79.5 mm x 3.386 in/86 mm	HORIZON, OMNI, RAMPAGE, TC3, TURISMO	CB 1017 P MS 1157 P MB 692 P MB 693 P (F) SH 1209 S SH 1209 SH 1210 CLV 431-A	STD, 10, 20, 30, 40, 50 STD, 10, 20, 30, 40 STD SEMI
6	L4	107 (1.8 L) 8V 4G37 (1989-92) Mitsubishi	3.173 in/80.6 mm x 3.386 in/86 mm	COLT, LASER	CB 1120 P MS 1559 P MB 2869 P MB 1173 P (F) SH 1465 S SH 1465 S SH 1466 S CA 102 S MIA-1-3 (U) MIA-1-1 (U) MIA-1-4 (L)	STD, 10, 20, 30 STD, 10, 20, 30, 40 STD STD (1978-89)
7	L4	122 CID (2.0 L) 4G63T Turbo (1990-98) 122 (2.0 L) 4G63 DOHC (1989-94) 144 (2.4 L) 4G64 SOHC (1990-93) Mitsubishi	122- 3.346 in/85 mm x 3.465 in/88 mm 144- 3.405 in/86.5 mm x 3.937 in/100 mm	2000 GTX, COLT VISTA, LASER, POWER RAM 50, RAM 50, SUMMIT, TALON, VISTA	CB 1120 P MS 1559 P MB 2869 P MB 1173 P (F) SH 1469 S SH 1468 SH 1467 SH 1469	STD, 10, 20, 30 STD, 10, 20, 30, 40 STD
8	L4	122/1997 cc (2.0 L) SOHC (1974-82) 156 CID (2.6 L) SOHC "F" Mitsubishi Turbo (1985-89) 156 (2.6 L) SOHC "F" Mitsubishi Turbo (1978-87)	122- 3.307 in/84 mm x 3.543 in/90 mm 156- 3.587 in/91.1 mm x 3.858 in/98 mm	ARIES, ARROW, CARAVAN, CARAVELLE, COLT, LEBARON, MINI RAM, RAM D50, RELIANT, SAPPORO, VOYAGER	CB 1220 P MS 1945 P MB 3053 P MB 3339 P (F) SH 1429 S SH 1760 SH 1429	STD, 10, 20, 30, 40 STD, 10, 20, 30, 40 STD



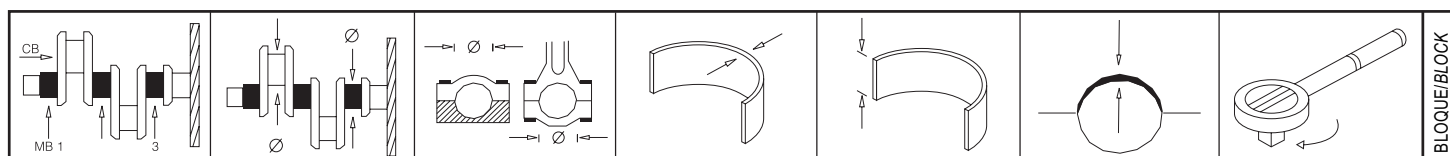
BLOQUE/BLOCK

1-2-4-5	1.8890/1.8898	2.0472/2.0480	0.0783	0.7520	0.0011/0.0034	37 a 39	3
3	1.8890/1.8898	2.0472/2.0480	0.0793	0.9430	0.0011/0.0034	37 a 39	
	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	4
3	2.2435/2.2441	2.4016/2.4024	0.0783	1.1400	0.0008/0.0032	36 a 39	
Frente/Front	1.5344	1.6545	0.0593	0.7580	0.0008/0.0030		
Posterior/Rear	1.4164	1.5364	0.0589	0.6300	0.0017/0.0039		
Flecha balanceadora/Balance Shaft							
	1.8087/1.8094	1.9291/1.9298	0.0593	0.7480	0.0016/0.0040	33	5
1-2-4-5	2.1236/2.1244	2.3228/2.3236	0.0985	0.7280	0.0016/0.0041	47	
3	2.1236/2.1244	2.3228/2.3236	0.0985	0.9820	0.0016/0.0041	47	
1	1.6913/1.6919	1.8110/1.8120	0.0590	0.5900	0.0011/0.0039		
2	1.6519/1.6525	1.7716/1.7726	0.0590	0.5900	0.0011/0.0033		
	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	6
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	
3	2.2435/2.2441	2.4016/2.4024	0.0783	1.1400	0.0008/0.0032	36 a 39	
Frente/Front	1.5344	1.6545	0.0593	0.7580	0.0008/0.0030		
Posterior/Rear	1.4164	1.5364	0.0589	0.6300	0.0017/0.0039		
Flecha balanceadora/Balance Shaft							
1		1.4225	0.0422	0.7950			
2-3-4-5		1.4225	0.0422	0.7950			
1-2-3-4-5		1.4225	0.0422	0.7950			
	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	7
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	
3	2.2435/2.2441	2.4016/2.4024	0.0783	1.1400	0.0008/0.0032	36 a 39	
	1.6129	1.7333	0.0589	0.8270	0.0010/0.0031		
	1.6526	1.7726	0.0593	0.7480	0.0010/0.0031		
	1.6129	1.7333	0.0589	0.8570	0.0010/0.0031		
Flecha balanceadora/Balance Shaft							
	2.0858/2.0866	2.2047/2.2055	0.0590	0.9840	0.0005/0.0028	33 a 34	8
1-2-4-5	2.3614/2.3622	2.5197/2.5205	0.0783	0.9890	0.0011/0.0037	55 a 61	
3	2.3614/2.3622	2.5197/2.5205	0.0783	1.2190	0.0011/0.0037	55 a 61	
Der. frontal/Right front	0.9039/0.9047	1.0236/1.0244	0.0593	0.7090	0.0008/0.0034		
Der.-izq. trasero/ L.-R. Rear	1.6933/1.6939	1.8122/1.8130	0.0585	0.7950	0.0013/0.0037		
Flecha auxiliar/Aux. Shaft							

BLOQUE/BLOCK						
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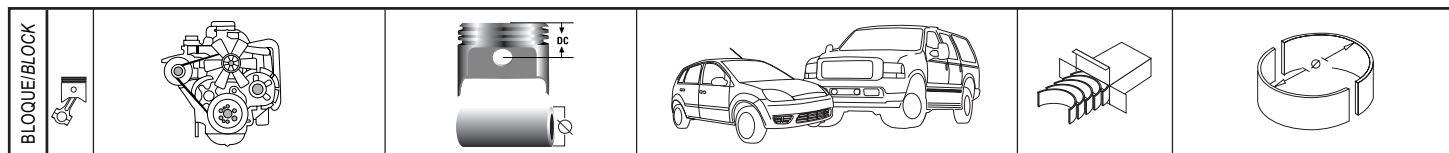
9	L4	122 (2.0 L) DOHC (1995-99) 122 (2.0 L) SOHC (1995-02)	3.445 in/87.5 mm x 3.268 in/83 mm	AVENGER, BREEZE, NEON, SEBRING, STRATUS, TALON	CB 1635 P	STD, 10, 20, 30
					MS 2028 P MB 4001 P MB 4000 P (F)	STD, 10, 20, 30
					CA 100 S PDA-3-1 PDA-3-2 PDA-3-3 PDA-3-4 PDA-3-5	STD (1994-98) SOHC
10	L4	135 (2.2 L) SOHC (1981-94) 135 (2.2 L) DOHC (1989-93) 153 (2.5 L) SOHC Turbo (1989-96)	135- 3.445 in/87.5 mm x 3.622 in/92 mm 153- 3.445 in/87.5 mm x 4.094 in/104 mm	ACCLAIM, CARAVAN, CHARGER, DAKOTA, DAYTONA, DYNASTY HORIZON, LASER, LEBARON, MINI RAM, OMNI, RAMPAGE, RELIANT, SHADOW, SPIRIT, VOYAGER, VOLARE K	CB 1269 P	STD, 10, 20, 30, 40
					MS 1533 P MB 2863 P MB 2864 P (F)	STD, 10, 20, 30, 40
					SH 1326 S SH 1326 SH 1256	STD
					SH 1403 S SH 1403	SEMI Sólo motor 153/Only 153 Engine
					CA 101 S PDA-1-2 (U) PDA-1-1 (L)	STD (1987-93) SOHC
11	L4	148/2429 cc (2.4 L) DOHC EDZ (1995-04)	3.445 in/87.5 mm x 3.976 in/101 mm	BREEZE, CARAVAN, CIRRUS, GRAND CARAVAN, PT CRUISER, SEBRING, STRATUS	CB 4565 P	STD, 10, 20, 30, 40
					MS 7313 P MB 4166 P MB 4767 P (F)	STD, 10, 20, 30, 40
12	L4	150 (2.5 L) Jeep (1996-02) 150 (2.5 L) SOHC Renault (1988-90)	3.875 in/98.4 mm x 3.190 in/81.03 mm	CHEROKEE, COMANCHE, PICK UP, SPORT WAGON, RENEGADO, WAGONEER, WRANGLER, YJ SERIES	CB 960 P	STD, 10, 20, 30, 40, 50, 60
					MS 1948 P MB 2263 PL MB 2264 PL MB 3337 P MB 3338 P (F)	STD, 10, 20, 30, 40 (1996-02)
					MS 1568 P MB 2263 P MB 2264 P (F)	STD, 10, 20, 30, 40, 50, 60 (1988-90)
					SH 549 S SH 549 SH 550 SH 551 SH 552	STD, 10*, 20*, 30*
13	V6	2497 cc (2.5 L) EEB (1995-00) Mitsubishi	3.290 in/83.5 mm x 2.992 in/76 mm	CIRRUS, SEBRING	CB 1411 P	STD, 10, 20, 30
					TW 458 S TW 3108 W (U) TW 3108 W (L)	STD

* Producto disponible hasta agotar existencias./Until existence are available.

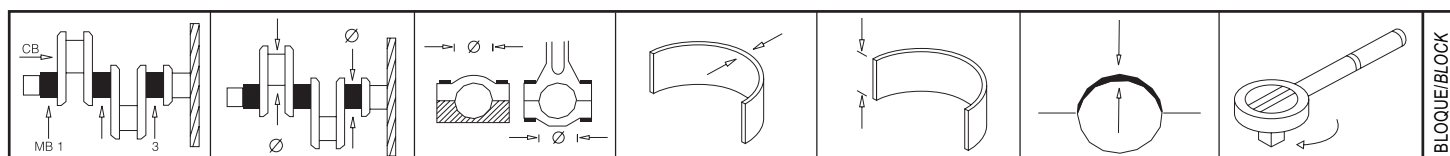


BLOQUE/BLOCK

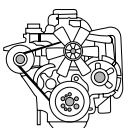
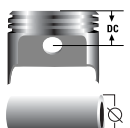
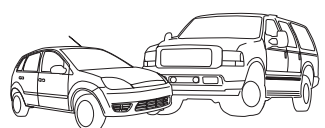
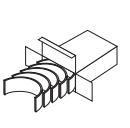
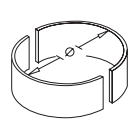
	1.8894/1.8900	2.0075/2.0081	0.0584	0.8060	0.0010/0.0023	20 + 90°	9
1-2-4-5	2.0469/2.0475	2.2046/2.2050	0.0782	0.7860	0.0008/0.0024	30 + 90°	
3	2.0469/2.0475	2.2046/2.2050	0.0784	1.0340	0.0008/0.0024	30 + 90°	
1		1.0735	0.0404	0.8150			
2		1.7195	0.0406	0.7750			
3		1.7345	0.0402	0.7750			10
4		1.7505	0.0404	0.7750			
5		1.7665	0.0404	0.7450			
	1.9677/1.9687	2.0863/2.0869	0.0584	0.7930	0.0013/0.0039	40 + 90°	
1-2-4-5	2.3617/2.3627	2.5194/2.5202	0.0781	0.8510	0.0008/0.0033	30 + 90°	
3	2.3617/2.3627	2.5194/2.5202	0.0781	1.0970	0.0008/0.0033	30 + 90°	
Frente/Front	1.6799/1.6809	1.8098/1.8122	0.0781	0.7680	0.0013/0.0031		
Posterior/Rear	0.7744/0.7753	0.9045/0.9065	0.0781	0.8740	0.0013/0.0031		
Flecha auxiliar/Aux. shaft							
2	1.6560/1.6570	1.7860/1.7870	0.0790	0.8860	0.0018/0.0025		
Flecha balanceadora/Balance Shaft							
1-2-3-4-5		1.4819	0.0522	0.6250			
1-2-3-4-5		1.4819	0.0522	0.6250			
	1.9677/1.9687	2.0863/2.0869	0.0584	0.7930	0.0008/0.0034	20 + 90°	
1-2-4-5	2.3617/2.3627	2.5194/2.5202	0.0781	0.8510	0.0005/0.0029	MII=60/M8=25	
3	2.3617/2.3627	2.5194/2.5202	0.0781	1.0970	0.0005/0.0029	MII=60/M8=25	
	2.0948/2.0955	2.2080/2.2085	0.0559	0.8370	0.0012/0.0034	33	
1-3-4-5	2.4996/2.5001	2.6910/2.6920	0.0953	0.9860	0.0006/0.0031	80	
2	2.4996/2.5001	2.6910/2.6920	0.0953	1.2700	0.0003/0.0028	80	
1-3-4-5	2.4996/2.5001	2.6910/2.6920	0.0953	0.9860	0.0006/0.0031	80	
2	2.4996/2.5001	2.6910/2.6920	0.0953	1.2700	0.0006/0.0031	80	
1	2.0295/2.0305	2.1555/2.1565	0.6200	0.6950	0.0010/0.0049		
2	2.0195/2.0205	2.1455/2.1465	0.0620	0.7050	0.0010/0.0050		
3	2.0095/2.0105	2.1355/2.1365	0.0620	0.7050	0.0010/0.0050		
4	1.9995/2.0005	2.1255/2.1265	0.0620	0.7050	0.0010/0.0050		
	1.9677/1.9685	2.0866/2.0868	0.0587	0.6120	0.0009/0.0027	38	
3	2.5984/2.6083	3.0492/3.0594		0.0778			
3	2.5984/2.6083	3.0492/3.0594		0.0778			



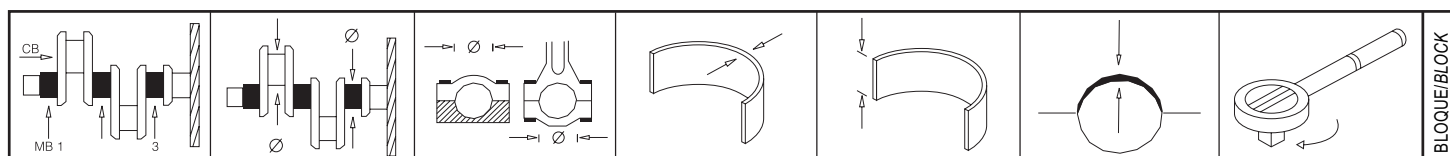
14	L6	170 (2.8 L) OHV (1960-69) 198 (3.2 L) OHV (1970-74)	170- 3.400 in/86.4 mm x 3.125 in/79.4 mm 198- 3.400 in/86.4 mm x 3.641 in/92.5 mm	A100, CHALLENGER, DART, DUSTER, RAM D100, SCAMP	CB 606 P	STD, 10, 20, 30, 40, 50, 60
					MS 517 P MB 2001 P MB 2000 P (F)	STD, 10, 20, 30, 40, 50, 60
					SH 874 S SH 874 SH 403 SH 424 SH 425	STD, 10*
15	V6	181 (3.0 L) SOHC, DOHC (1987-00) 181 (3.0 L) DOHC (1991-98)	3.587 in/91.1 mm x 2.992 in/76 mm	ACCLAIM, CARAVAN, DAYTONA, DYNASTY, GRAND VOYAGER, LEBARON, MINI RAM, NEW YORKER, RAIDER, SPIRIT, SUNDANCE, VOYAGER	CB 1411 P	STD, 10, 20, 30
					MS 1720 P MB 3108 P	STD, 10, 20, 30
					TW 458 S TW 3108 W (U) TW 3108 W (L)	STD
16	V6	201 (3.3 L) OHV (1990-02) 230 (3.8 L) (1991-05)	201- 3.661 in/93 mm x 3.189 in/81 mm 230- 3.780 in/96 mm x 3.425 in/87 mm	CARAVAN, DYNASTY IMPERIAL, INTREPID, NEW YORKER, TOWN & COUNTRY, VOYAGER	CA 110 S MIA-5-1 (U) MIA-5-2 (U) MIA-5-3 (U) MIA-5-8 (U) MIA-5-5 (L) MIA-5-6 (L) MIA-5-7 (L) MIA-5-9 (L)	STD (1987-99)
					CB 1410 P MS 1946 P MB 3340 P MB 3107 P (F)	STD, 10, 20, 30, 40 STD, 10, 20, 30, 40
					SH 1405 S SH 1405 SH 1406 SH 1407 SH 1408	STD (1990-02)
17	V6	215 (3.5 L) SOHC (1993-97)	3.780 in/96 mm x 3.189 in/81 mm	CONCORD, INTREPID, LHS, NEW YORKER	CB 1410 P	STD, 10, 20, 30, 40
					MS 2010 P MB 3340 P MB 3471 P (F)	STD, 10, 20, 30
					CB 1818 P MS 2244 P MB 3790 P	STD, .25 mm, .50 mm STD, .25 mm, .50 mm
18	V6	226/3701 (3.7 L) EGK SOHC 12V (2003-05)	3.661 in/93 mm x 3.575 in/90.8 mm	JEEP LIBERTY, RAM 1500	TW 608 S MB 3771 W	STD



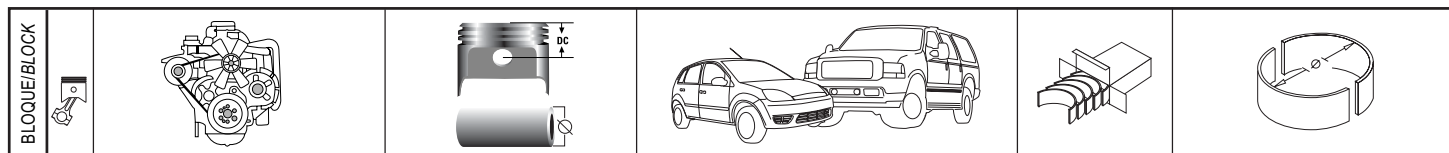
	2.1865/2.1875	2.3125/2.3130	0.0624	0.9900	0.0007/0.0028	45	14
1-2-4	2.7495/2.7505	2.9425/2.9430	0.0959	1.0390	0.0005/0.0026	85	
3	2.7495/2.7505	2.9425/2.9430	0.0959	1.2550	0.0005/0.0026	85	
1	1.9980/1.9990	2.1295/2.1305	0.0640	0.9300	0.0025/0.0065		
2	1.9820/1.9830	2.1135/2.1145	0.0645	0.7600	0.0005/0.0045		
3	1.9670/1.9680	2.0985/2.0995	0.0645	0.7600	0.0005/0.0045		15
4	1.9510/1.9520	2.0825/2.0835	0.0645	0.7600	0.0005/0.0045		
	1.9677/1.9685	2.0866/2.0868	0.0587	0.6120	0.0009/0.0027	38	
1-2-3-4	2.3614/2.3622	2.5197/2.5204	0.0784	0.7120	0.0007/0.0034	60	
3	2.5984/2.6083	3.0492/3.0594		0.0778			
3	2.5984/2.6083	3.0492/3.0594		0.0778			
1		1.4225	0.0422	0.7930			
2		1.4225	0.0422	0.7100			
3		1.4225	0.0422	0.7600			
4		1.4225	0.0422	0.9800			
1		1.4225	0.0422	0.7930			16
2		1.4225	0.0422	0.7100			
3		1.4225	0.0422	0.7600			
4		1.4225	0.0422	0.9800			
	2.2830/2.2840	2.4013/2.4018	0.0584	0.6510	0.0005/0.0022	40 + 90°	
1-3-4	2.5192/2.5202	2.6769/2.6777	0.0781	0.6940	0.0005/0.0020	30 + 90°	
2	2.5192/2.5202	2.6769/2.6777	0.0781	0.9400	0.0005/0.0020	30 + 90°	
1	1.9970/1.9990	2.1295/2.1305	0.0645	0.9400	0.0010/0.0040		
2	1.9800/1.9820	2.1135/2.1145	0.0648	0.6200	0.0010/0.0040		
3	1.9650/1.9670	2.0985/2.0995	0.0658	0.6200	0.0010/0.0040		
4	1.9500/1.9520	2.0825/2.0835	0.0648	0.6200	0.0010/0.0040		17
	2.2830/2.2840	2.4013/2.4018	0.0584	0.6510	0.0005/0.0022	40 + 90°	
1-3-4	2.5192/2.5202	2.6769/2.6777	0.0781	0.6940	0.0005/0.0020	30 + 90°	
2	2.5192/2.5202	2.6769/2.6777	0.0781	1.1300	0.0005/0.0020	30 + 90°	18
	2.2794/2.2797	2.4092/2.4096	0.0645	0.6547	0.0010/0.0027		
1-2-3-4	2.4998/2.5002	2.6927/2.6931	0.0962	0.8120	0.0002/0.0013		
3				0.0980			

BLOQUE/BLOCK						
19	L6	225 (3.7 L) OHV (1960-87) 225 (3.7 L) H225, HA225, HB225, HC225 (1961-87)	3.400 in/86.4 mm x 4.125 in/104.8 mm	5TH AVENUE, 330, 440, BELVEDERE, CHALLENGER, CHARGER, CORDOBA, CORONET, DART, DIPLOMAT, FURY, GRAN FURY, LANCER, LEBARON, MONACO, MIRADA, NEW YORKER, NEWPORT, SAVOY, SCAMP, ST. REGIS, TRAIL DUSTER, VALIANT, VOLARE, VOYAGER PB100, W500	CB 1214 P (1976-87) STD, 10, 20, 30, 40, 50, 60	
					MS 517 P STD, 10, 20, 30, 40, 50, 60 MB 2001 P (1960-76) MB 2000 P (F)	
					MS 1419 P STD, 10, 20, 30, 40 MB 2731 P (1976-87) MB 2732 P (F)	
					SH 874 S STD, 10* SH 874 (1960-78) SH 403 SH 424 SH 425	
20	V6	239 (3.9 L) OHV (1987-02)	3.910 in/99.3 mm x 3.313 in/84.2 mm	DAKOTA, DURANGO, RAM 1500, RAM D100, D350, RAM VAN 1500, 2500	CB 1387 P STD, 10, 20, 30	
					MS 1701 P STD, 10, 20, 30 MB 2035 P MB 2620 P (F) MB 2559 P	
					SH 1114 S STD SH 875 SH 1112 SH 1114 SH 329	
21	L6	242 (4.0 L) Jeep (1987-01) 258 (4.2 L) Jeep (1971-88)	242- 3.875 in/98.4 mm x 3.406 in/86.5 mm 258- 3.750 in/95.3 mm x 3.906 in/99.2 mm	CJ5, CJ6, CJ7, CJ8, CHEROKEE, COMANCHE, GLADIATOR, J20, JEEPSTER, WAGONEER, WRANGLER	CB 960 P STD, 10, 20, 30, 40, 50, 60	
					MS 704 P STD, 10, 20, 30, 40, 50, 60 MB 2263 P MB 2264 P (F)	
					MS 1947 P STD, 10, 20, 30, 40 MB 2263 PL MB 3337 P MB 2264 PL MB 3338 P (F)	
					SH 874 S STD, 10* SH 874 SH 403 SH 424 SH 425	
					SH 549 S STD, 10*, 20*, 30* SH 549 SH 550 SH 551 SH 552	
22	V8	287 (4.7 L) SOHC EDV, H.O. (2000-05)	287- 3.66 in/93 mm x 3.406 in/86.5 mm	RAM 1500, RAM 2500, DURANGO, DAKOTA	CB 1784 P STD, .25 mm, .50 mm	
					MS 2216 P STD, .25 mm, .50 mm MB 3771 P	
					TW 608 S STD MB 3771 W	
					CA 103 S STD	

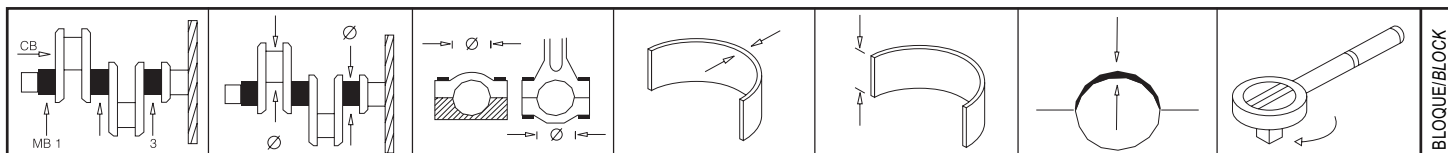
* Producto disponible hasta agotar existencias./Until existence are available.



	2.1865/2.1875	2.3125/2.3130	0.0624	0.7200	0.0007/0.0028	45	19
1-2-4	2.7495/2.7505	2.9425/2.9430	0.0959	1.0390	0.0005/0.0026	85	
3	2.7495/2.7505	2.9425/2.9430	0.0959	1.2550	0.0005/0.0026	85	
1-2-4	2.7495/2.7505	2.9425/2.9430	0.0959	0.8820	0.0005/0.0026	85	
3	2.7495/2.7505	2.9425/2.9430	0.0959	1.1080	0.0005/0.0026	85	
1	1.9980/1.9990	2.1295/2.1305	0.0640	0.9300	0.0025/0.0065		
2	1.9820/1.9830	2.1135/2.1145	0.0645	0.7600	0.0005/0.0045		
3	1.9670/1.9680	2.0985/2.0995	0.0645	0.7600	0.0005/0.0045		
4	1.9510/1.9520	2.0825/2.0835	0.0645	0.7600	0.0005/0.0045		
	2.1240/2.1250	2.2500/2.2507	0.0624	0.7350	0.0005/0.0022	45	
							20
1-2	2.4995/2.5005	2.6925/2.6930	0.0959	0.8770	0.0005/0.0025	85	
3	2.4995/2.5005	2.6925/2.6930	0.0959	1.1520	0.0005/0.0025	85	
4	2.4995/2.5005	2.6925/2.6930	0.0959	1.3270	0.0005/0.0025	85	
1	1.9980/1.9990	2.1295/2.1305	0.0645	0.9000	0.0015/0.0055		
2	1.9820/1.9830	2.1135/2.1145	0.0645	0.6300	0.0015/0.0055		
3	1.9510/1.9520	2.0825/2.0835	0.0645	0.6300	0.0015/0.0055		
4	1.5605/1.5615	1.6920/1.6930	0.0650	0.9500	0.0005/0.0045		
	2.0948/2.0955	2.2080/2.2085	0.0559	0.8370	0.0012/0.0034	33	
							21
1-2-4-5-6-7	2.4996/2.5001	2.6910/2.6920	0.0953	0.9860	0.0006/0.0031	75 a 85	
3	2.4996/2.5001	2.6910/2.6920	0.0953	1.2700	0.0006/0.0031	75 a 85	
1-2-4-5-6-7	2.4996/2.5001	2.6910/2.6920	0.0953	0.9860	0.0006/0.0031	75 a 85	
3	2.4996/2.5001	2.6910/2.6920	0.0953	1.2700	0.0003/0.0028	75 a 85	
1	2.0295/2.0305	2.1555/2.1565	0.0620	0.6950	0.0010/0.0042		
2	2.0195/2.0205	2.1455/2.1465	0.0620	0.7050	0.0010/0.0050		
3	2.0095/2.0105	2.1355/2.1365	0.0620	0.7050	0.0010/0.0050		
4	1.9995/2.0005	2.1255/2.1265	0.0620	0.7050	0.0010/0.0050		
1	2.0295/2.0305	2.1555/2.1565	0.0620	0.6950	0.0010/0.0042		
2	2.0195/2.0205	2.1455/2.1465	0.0620	0.7050	0.0010/0.0050		
3	2.0095/2.0105	2.1355/2.1365	0.0620	0.7050	0.0010/0.0050		
4	1.9995/2.0005	2.1255/2.1265	0.0620	0.7050	0.0010/0.0050		
	2.0075/2.0082	2.1257/2.1262	0.0586	0.6547	0.0008/0.0025		22
1-2-3-4-5	2.4998/2.5002	2.6927/2.6931	0.0962	0.8120	0.0002/0.0013		
3				0.0980			

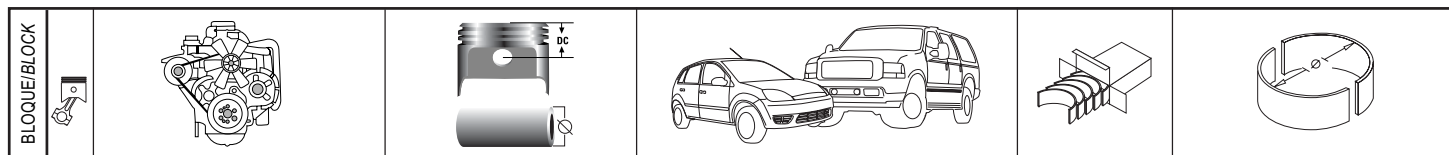


23	V8	273 (4.5 L) OHV (1964-69) 277 (4.5 L) OHV (1956-57) 301 (4.9 L) (1956-57) 313 (5.1 L) Dodge (1958-65) 326 (5.3 L) OHV (1959)	273- 3.625 in/92.1 mm x 3.313 in/84.2 mm 277- 3.750 in/95.3 mm x 3.125 in/79.4 mm 301- 3.910 in/99.3 mm x 3.125 in/79.4 mm 313- 3.875 in/98.4 mm x 3.313 in/84.2 mm	A100, BARRACUDA, BELVEDERE, CORONET, DART, FURY, PLAZA, SAVOY	CB 481 P STD, 10, 20, 30, 40, 50, 60
					MS 540 P STD, 10, 20, 30, 40, 50, 60 MB 2035 P MB 2036 P (F) MB 2559 P
					SH 875 S STD, 20* SH 875 SH 326 SH 327 SH 328 SH 329
24	V8	318 (5.2 L) (1957-02) 318 (5.2 L) CNG (1992-01) 318 (5.2 L) H318, HA318, HB318, HC318, HT318, LH318, LT318	3.910 in/99.3 mm x 3.313 in/84.2 mm	BARRACUDA, BELVEDERE, CHARGER, CORONET, DAKOTA, DIPLOMAT, DURANGO, DUSTER, FURY, LEBARON, M300, MIRADA, MONACO, NEW YORKER, P300, PLAZA, POWER RAM, RAM 1500, RAM 2500, RAM VAN 1500, 2500, RAM CHARGER, ROAD RUNNER, SUBURBAN, TRAIL DUSTER, VALIANT, VOYAGER	CB 481 P STD, 10, 20, 30, 40, 50, 60
					CB 1779 P 10, 20, 30, 40 Diám. exterior + .002"
					MS 540 P STD, 10, 20, 30, 40, 50, 60 MB 2035 P MB 2036 P (F) (1957-73) MB 2559 P
					MS 1344 P STD, 10, 20, 30, 40 MB 2035 P MB 2620 P (F) (1974-04) MB 2559 P
					SH 875 S STD, 20* SH 875 SH 326 SH 327 (1957-78) SH 328 SH 329
25	V8	340 (5.6 L) OHV (1968-73)	4.040 in/102.6 mm x 3.313 in/84.2 mm	CHALLENGER, CHARGER, CORONET, DART, FURY, ROAD RUNNER	SH 1112 S STD SH 875 SH 1112 SH 1113 (1979-02) SH 1114 SH 329
					CB 481 P STD, 10, 20, 30, 40, 50, 60
					MS 963 P STD, 10, 20, 30, 40 MB 2035 P MB 2036 P (F) MB 2559 P
25	V8	340 (5.6 L) OHV (1968-73)	4.040 in/102.6 mm x 3.313 in/84.2 mm	CHALLENGER, CHARGER, CORONET, DART, FURY, ROAD RUNNER	SH 875 S STD, 20* SH 875 SH 326 SH 327 SH 328 SH 329
					CB 481 P STD, 10, 20, 30, 40, 50, 60
					MS 963 P STD, 10, 20, 30, 40 MB 2035 P MB 2036 P (F) MB 2559 P



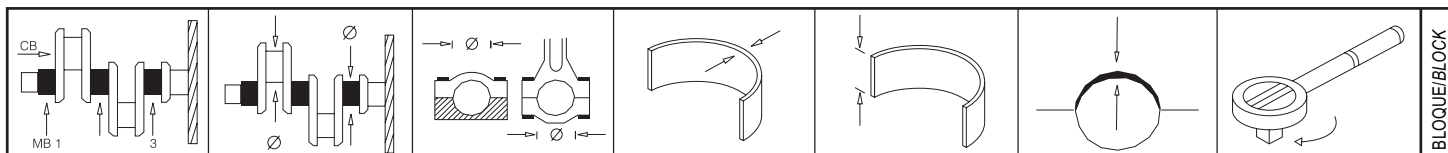
BLOQUE/BLOCK

		2.1240/2.1250	2.2500/2.2505	0.0624	0.8740	0.0007/0.0032	45 a 50	23
1-2-4		2.4995/2.5005	2.6925/2.6930	0.0959	0.8770	0.0005/0.0026	80 a 85	
3		2.4995/2.5005	2.6925/2.6930	0.0959	1.1520	0.0005/0.0026	80 a 85	
5		2.4995/2.5005	2.6925/2.6930	0.0959	1.3270	0.0005/0.0026	80 a 85	
1		1.9980/1.9990	2.1295/2.1305	0.0645	0.9000	0.0015/0.0055		
2		1.9820/1.9830	2.1135/2.1145	0.0650	0.7700	0.0005/0.0045		
3		1.9670/1.9680	2.0985/2.0995	0.0650	0.7570	0.0005/0.0045		
4		1.9510/1.9520	2.0825/2.0835	0.0650	0.7700	0.0005/0.0045		
5		1.5605/1.5615	1.6920/1.6930	0.0650	0.9500	0.0005/0.0045		
		2.1240/2.1250	2.2500/2.2505	0.0624	0.8740	0.0007/0.0032	45 a 50	
		2.1240/2.1250	2.2520/2.2525	0.0634	0.8740	0.0007/0.0032	45 a 50	
1-2-4		2.4995/2.5005	2.6925/2.6930	0.0959	0.8770	0.0005/0.0026	80 a 85	
3		2.4995/2.5005	2.6925/2.6930	0.0959	1.1520	0.0005/0.0026	80 a 85	
5		2.4995/2.5005	2.6925/2.6930	0.0959	1.3270	0.0005/0.0026	80 a 85	
1-2-4		2.4995/2.5005	2.6925/2.6930	0.0959	0.8770	0.0005/0.0026	85 a 90	
3		2.4995/2.5005	2.6925/2.6930	0.0958	1.1520	0.0004/0.0025	85 a 90	
5		2.4995/2.5005	2.6925/2.6930	0.0959	1.3270	0.0005/0.0026	85 a 90	
1		1.9980/1.9990	2.1295/2.1305	0.0645	0.9000	0.0015/0.0055		
2		1.9820/1.9830	2.1135/2.1145	0.0650	0.7700	0.0005/0.0045		
3		1.9670/1.9680	2.0985/2.0995	0.0650	0.7570	0.0005/0.0045		
4		1.9510/1.9520	2.0825/2.0835	0.0650	0.7700	0.0005/0.0045		
5		1.5605/1.5615	1.6920/1.6930	0.0650	0.9500	0.0005/0.0045		
1		1.9980/1.9990	2.1295/2.1305	0.0645	0.9000	0.0015/0.0055		
2		1.9820/1.9830	2.1135/2.1145	0.0645	0.6300	0.0015/0.0055		
3		1.9670/1.9680	2.0985/2.0995	0.0645	0.6300	0.0015/0.0055		
4		1.9510/1.9520	2.0825/2.0835	0.0645	0.6300	0.0015/0.0055		
5		1.5605/1.5615	1.6920/1.6930	0.0650	0.9500	0.0005/0.0045		
		2.1240/2.1250	2.2500/2.2505	0.0624	0.8740	0.0007/0.0032	45	25
1-2-4		2.4995/2.5005	2.6925/2.6930	0.0959	0.8770	0.0005/0.0026	85	
3		2.4995/2.5005	2.6925/2.6930	0.0959	1.1520	0.0005/0.0026	85	
5		2.4995/2.5005	2.6925/2.6930	0.0959	1.3270	0.0005/0.0026	85	
1		1.9980/1.9990	2.1295/2.1305	0.0645	0.9000	0.0015/0.0055		
2		1.9820/1.9830	2.1135/2.1145	0.0650	0.7700	0.0005/0.0045		
3		1.9670/1.9680	2.0985/2.0995	0.0650	0.7570	0.0005/0.0045		
4		1.9510/1.9520	2.0825/2.0835	0.0650	0.7700	0.0005/0.0045		
5		1.5605/1.5615	1.6920/1.6930	0.0650	0.9500	0.0005/0.0045		



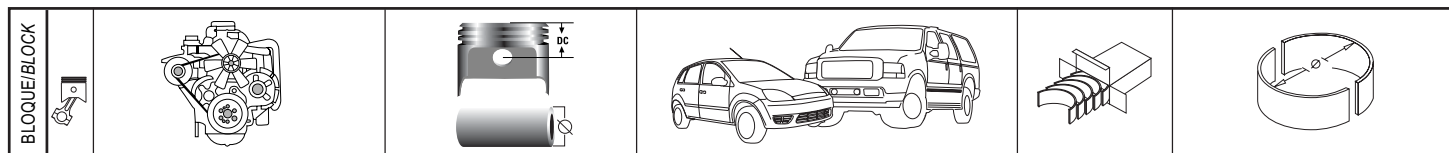
26	V8	350 (5.7 L) OHV (1958) 361 (5.9 L) OHV (1958-77) 383 (6.3 L) OHV LPG (1959-71) 400 (6.6 L) OHV (1972-80)	350- 4.063 in/103.2 mm x 3.375 in/85.7 mm 361- 4.125 in/104.8 mm x 3.375 in/85.7 mm 383- 4.250 in/108 mm x 3.375 in/85.7 mm 400- 4.342 in/110.3 mm x 3.375 in/85.7 mm	300, 440, 880, BARRACUDA, BELVEDERE, CHALLENGER, CHARGER, CORDOBA, CORONET, DART, FIREDOME, FURY, MAGNUM, POLARA, RAM SERIES, RAM VAN, RAM CHARGER, ROAD RUNNER, ROYAL, SAVOY, SUBURBAN, VIP, VOYAGER PB	CB 527 P STD*, 10*, 20*, 30*, 40* SH 876 S STD SH 876 SH 403 SH 404 SH 405 SH 406
		360 (5.9 L) (1971-02) 360 (5.9 L) LPG (1971-93)	4.000 in/101.6 mm x 3.578 in/90.8 mm	ASPEN, BARRACUDA, CHALLENGER, CORONET, DART, DIPLOMAT, DUSTER, FURY, LEBARON, MONACO, NEW YORKER, NEWPORT, POLARA, POWER RAM, RAM 1500, RAM 2500, RAM VAN, RAM CHARGER, ROAD RUNNER, ROYAL MONACO, VOYAGER PB	CB 481 P STD, 10, 20, 30, 40, 50, 60 CB 1779 P 10, 20, 30, 40 Diám. exterior + .002" MS 1051 P STD, 10, 20, 30, 40 MB 2590 P MB 2591 P (F) (1971-73) MB 2592 P MS 1266 P STD, 10, 20, 30, 40 MB 2590 P MB 2623 P (F) (1974-02) MB 2624 P SH 875 S STD, 20* SH 875 SH 326 SH 327 (1971-78) SH 328 SH 329 SH 1112 S STD SH 875 SH 1112 SH 1113 (1979-02) SH 1114 SH 329
28	V8	383 (6.3 L) OHV (1959-60) 413 (6.8 L) OHV (1959-77) 426 (7.0 L) (1964-71) 440 (7.2 L) OHV (1966-80)	383- 4.250 in/108 mm x 3.375 in/85.7 mm 413- 4.188 in/106.4 mm x 3.750 in/95.3 mm 426- 4.250 in/108 mm x 3.750 in/95.3 mm 440- 4.320 in/109.7 mm x 3.750 in/95.3 mm	300, BARRACUDA, BELVEDERE, CHALLENGER, CHARGER, CORONET, DART, FURY, IMPERIAL, LEBARON, POLARA, RAM, ROAD RUNNER, SUBURBAN	CB 527 P STD*, 10*, 20*, 30*, 40* SH 876 S STD SH 876 SH 403 SH 404 SH 405 SH 406
		488 (8.0 L) Block de aluminio (1994-96) 488 (8.0 L) Block de hierro (1994-02)	4.000 in/101.6 mm x 3.578 in/90.8 mm	VIPER, RAM 2500 HD	CB 481 P STD, 10, 20, 30, 40, 50, 60

* Producto disponible hasta agotar existencias./Until existence are available.



BLOQUE/BLOCK

	2.3740/2.3750	2.5000/2.5005	0.0623	0.9120	0.0009/0.0034	45	26
1	1.9980/1.9990	2.1295/2.1305	0.0640	0.7600	0.0025/0.0065		
2	1.9820/1.9830	2.1135/2.1145	0.0645	0.7600	0.0005/0.0045		
3	1.9670/1.9680	2.0985/2.0995	0.0645	0.6800	0.0005/0.0045		
4	1.9510/1.9520	2.0825/2.0835	0.0645	0.7600	0.0005/0.0045		
5	1.7480/1.7490	1.8795/1.8805	0.0645	0.7600	0.0005/0.0045		
	2.1240/2.1250	2.2500/2.2505	0.0624	0.8480	0.0007/0.0032	45	27
	2.1240/2.1250	2.2520/2.2525	0.0634	0.8740	0.0007/0.0032	45 a 50	
1-2-4	2.8095/2.8105	3.0025/3.0030	0.0959	0.8770	0.0005/0.0032	85	
3	2.8095/2.8105	3.0025/3.0030	0.0959	1.1520	0.0005/0.0032	85	
5	2.8095/2.8105	3.0025/3.0030	0.0959	1.2590	0.0005/0.0032	85	
1-2-4	2.8095/2.8105	3.0025/3.0030	0.0959	0.8770	0.0005/0.0032	85	
3	2.8095/2.8105	3.0025/3.0030	0.0959	1.1520	0.0005/0.0032	85	
5	2.8095/2.8105	3.0025/3.0030	0.0959	1.2590	0.0005/0.0032	85	
1	1.9980/1.9990	2.1295/2.1305	0.0645	0.9000	0.0015/0.0055		
2	1.9820/1.9830	2.1135/2.1145	0.0650	0.7700	0.0005/0.0045		
3	1.9670/1.9680	2.0985/2.0995	0.0650	0.7570	0.0005/0.0045		
4	1.9510/1.9520	2.0825/2.0835	0.0650	0.7700	0.0005/0.0045		
5	1.5605/1.5615	1.6920/1.6930	0.0650	0.9500	0.0005/0.0045		
1	1.9980/1.9990	2.1295/2.1305	0.0645	0.9000	0.0015/0.0055		
2	1.9820/1.9830	2.1135/2.1145	0.0645	0.6300	0.0015/0.0055		
3	1.9670/1.9680	2.0985/2.0995	0.0645	0.6300	0.0015/0.0055		
4	1.9510/1.9520	2.0825/2.0835	0.0645	0.6300	0.0015/0.0055		
5	1.5605/1.5615	1.6920/1.6930	0.0650	0.9500	0.0005/0.0045		
	2.3740/2.3750	2.5000/2.5005	0.0623	0.9120	0.0009/0.0034	45	28
1	1.9980/1.9990	2.1295/2.1305	0.0640	0.7600	0.0025/0.0065		
2	1.9820/1.9830	2.1135/2.1145	0.0645	0.7600	0.0005/0.0045		
3	1.9670/1.9680	2.0985/2.0995	0.0645	0.6800	0.0005/0.0045		
4	1.9510/1.9520	2.0825/2.0835	0.0645	0.7600	0.0005/0.0045		
5	1.7480/1.7490	1.8795/1.8805	0.0645	0.7600	0.0005/0.0045		
	2.1240/2.1250	2.2500/2.2505	0.0624	0.8480	0.0007/0.0032	45	29

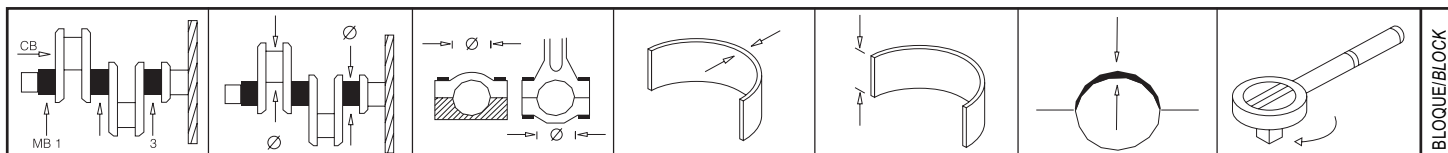


CUMMINS

ÍNDICE DE MOTORES/ENGINE INDEX

6 CILINDROS/6 CYLINDERS		8 CILINDROS/8 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
352 CID (5.8 L) V352, V6-140B, V6-140	1	470 CID (7.7 L) V470, V8-185	2
378 CID (6.2 L) V378C Big Cam I, V378, V6-155	1	504 CID (8.3 L) V504 Big Cam I	2

1	V6	352 (5.8 L) Diesel V352, V6-140B, V6-140 378 (6.2 L) Diesel V378C Big Cam I, V378, V6-155	4.625 in/117.5 mm x 3.500 in/88.9 mm	V6-140, V6-140B, V6-155, V352, V378, V378C BIG CAM FASE 5	CB 971 P STD, 10, 20, 30, 40
					MS 1060 P STD, 10, 20, 30, 40 MB 2598 P MB 2599 P
					SH 1310 S STD SH 1309 SH 1310
					TW 448 S STD, 10 MB 2598 W
					CLV 360 SEMI
					CLV 610 SEMI Buje de compresor/Compressor Drum
2	V8	470 (7.7 L) Diesel V470, V8-185 504 (8.3 L) V504 Big Cam Diesel	470- 4.625 in/117.5 mm x 3.500 in/88.9 mm 504- 4.625 in/117.5 mm x 3.750 in/95.3 mm	V8-185, V8-210, V470, V504	CB 971 P STD, 10, 20, 30, 40
					MS 1061 P STD, 10, 20, 30, 40 MB 2598 P MB 2599 P
					SH 1309 S STD SH 1309 SH 1310
					TW 448 S STD, 10 MB 2598 W
					CLV 360 SEMI
					CLV 610 SEMI Buje de compresor/Compressor Drum
3	V8	504 (8.3 L) V504 Big Cam I Diesel	504- 4.625 in/117.5 mm x 3.750 in/95.3 mm	V504C BIG CAM I	CB 971 P STD, 10, 20, 30, 40
					MS 1061 P STD, 10, 20, 30, 40 MB 2598 P MB 2599 P
					TW 448 S STD, 10 MB 2598 W
4	V8	555 (9.1 L) Diesel Small Cam	4.625 in/117.5 mm x 4.125 in/104.8 mm	V555, V555C, VT225 SMALL CAM, VT555 SMALL CAM, VT555C SMALL CAM	MS 1061 P STD, 10, 20, 30, 40 MB 2598 P MB 2599 P
					SH 1309 S STD SH 1309 SH 1310
					TW 448 S STD, 10 MB 2598 W

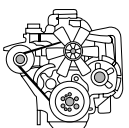
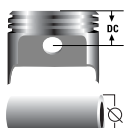
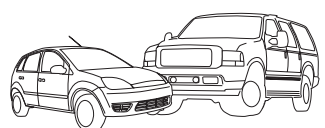
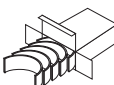
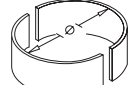


CUMMINS

ÍNDICE DE MOTORES/ENGINE INDEX

8 CILINDROS/8 CYLINDERS				8 CILINDROS/8 CYLINDERS			
Motor/Engine	Bloque/Block			Motor/Engine	Bloque/Block		
504 CID (8.3 L) V504 Big Cam I	3			555 CID (9.1 L) Big Cam	5		
555 CID (9.1 L) Small Cam	4			555 CID (9.1 L) Turbo	6		

1	2.4990/2.5000		2.6910/2.6920	0.0948	1.1750	0.0020/0.0050	20 a 25 + 60°
	1-4	3.4990/3.5000	3.7520/3.7530	0.1253	1.0520	0.0018/0.0048	175 a 185
	2-3	3.4990/3.5000	3.7520/3.7530	0.1253	1.1410	0.0018/0.0048	175 a 185
	1-4	1.9975/1.9985	2.1865/2.1875	0.0963	1.9000	0.0010/0.0045	
	2-3	1.9975/1.9985	2.1865/2.1875	0.0963	0.9000	0.0010/0.0045	
	3.8050/3.8150		4.4850/4.4950		0.1510		
			1.6250/1.6255	0.1400	1.5280		
			2.0032/2.0042	0.0651	0.8250		
2	2.4990/2.5000		2.6910/2.6920	0.0948	1.1750	0.0020/0.0050	20 a 25 + 60°
	1-5	3.4990/3.5000	3.7520/3.7530	0.1253	1.0520	0.0018/0.0048	175 a 185
	2-3-4	3.4990/3.5000	3.7520/3.7530	0.1253	1.1410	0.0018/0.0048	175 a 185
	1-5	1.9975/1.9985	2.1865/2.1875	0.0963	1.9000	0.0010/0.0045	
	2-3-4	1.9975/1.9985	2.1865/2.1875	0.0963	0.9000	0.0010/0.0045	
	3.8050/3.8150		4.4850/4.4950		0.1510		
			1.6250/1.6255	0.1400	1.5280		
			2.0032/2.0042	0.0651	0.8250		
3	2.4990/2.5000		2.6910/2.6920	0.0948	1.1750	0.0020/0.0050	20 a 25 + 60°
	1-5	3.4990/3.5000	3.7520/3.7530	0.1253	1.0520	0.0018/0.0048	175 a 185
	2-3-4	3.4990/3.5000	3.7520/3.7530	0.1253	1.1410	0.0018/0.0048	175 a 185
	3.8050/3.8150		4.4850/4.4950		0.1510		
4	1-5	3.4990/3.5000	3.7520/3.7530	0.1253	1.0520	0.0018/0.0048	175 a 185
	2-3-4	3.4990/3.5000	3.7520/3.7530	0.1253	1.1410	0.0018/0.0048	175 a 185
	1-5	1.9975/1.9985	2.1865/2.1875	0.0963	1.9000	0.0010/0.0045	
	2-3-4	1.9975/1.9985	2.1865/2.1875	0.0963	0.9000	0.0010/0.0045	
	3.8050/3.8150		4.4850/4.4950		0.1510		

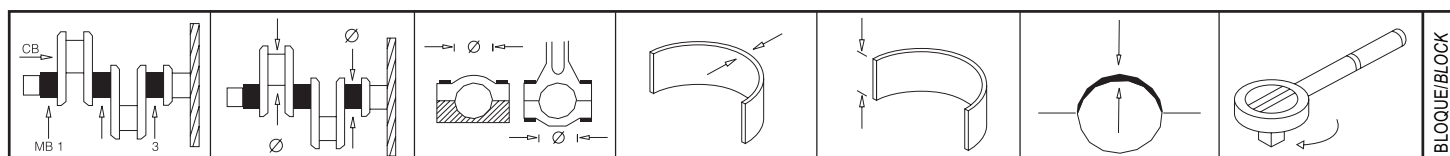
BLOQUE/BLOCK						
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5	V8	555 (9.1 L) Diesel Big Cam	4.625 in/117.5 mm x 4.125 in/104.8 mm	VT225 BIG CAM I, VT240 BIG CAM I, VT555C, VT555M	MS 1061 P MB 2598 P MB 2599 P	STD, 10, 20, 30, 40
					TW 448 S MB 2598 W	STD, 10
6	V8	555 (9.1 L) Turbo Diesel	4.625 in/117.5 mm x 4.125 in/104.8 mm	VT555 TURBO	MS 1061 P MB 2598 P MB 2599 P	STD, 10, 20, 30, 40
					SH 1309 S SH 1309 SH 1310	STD
					TW 448 S MB 2598 W	STD, 10

DAEWOO

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS				4 CILINDROS/4 CYLINDERS			
Motor/Engine		Bloque/Block		Motor/Engine		Bloque/Block	
1498 cc (1.5 L) C16LZ SOHC Opel		1		1618 cc (1.6 L) C16NZ DOHC 16V Opel		2	
1	L4	1498 cc (1.5 L) C16LZ SOHC Opel	76.50 mm x 81.50 mm	CIELO, LANOS, POINTER, RACER	CB 2372 P	STD, 10, 20, 30	
					MS 1545 P MB 2785 P MB 2786 P (F)	STD, 10, 20, 30	
					CB 2372 P	STD, 10, 20, 30	
2	L4	1618 cc (1.6 L) C16NZ DOHC 16V Opel	79.50 mm x 81.50 mm	LANOS 16V, NEXIA, NUBIRA	MS 1545 P MB 2785 P MB 2786 P (F)	STD, 10, 20, 30	
					CB 2372 P	STD, 10, 20, 30	
					MS 1545 P MB 2785 P MB 2786 P (F)	STD, 10, 20, 30	

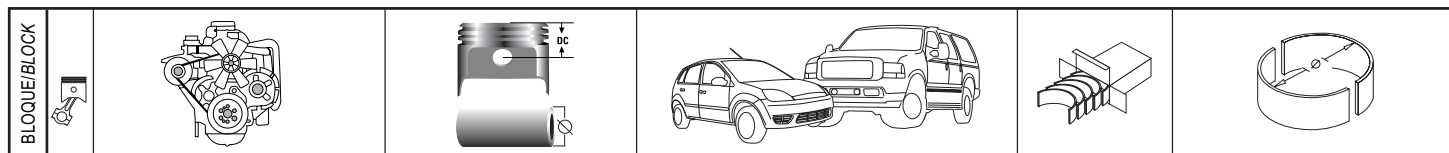


1-5	3.4990/3.5000	3.7520/3.7530	0.1253	1.0520	0.0018/0.0048	175 a 185	5
2-3-4	3.4990/3.5000	3.7520/3.7530	0.1253	1.1410	0.0018/0.0048	175 a 185	
	3.8050/3.8150	4.4850/4.4950		0.1510			
1-5	3.4990/3.5000	3.7520/3.7530	0.1253	1.0520	0.0018/0.0048	175 a 185	6
2-3-4	3.4990/3.5000	3.7520/3.7530	0.1253	1.1410	0.0018/0.0048	175 a 185	
1-5	1.9975/1.9985	2.1865/2.1875	0.0963	1.9000	0.0010/0.0045		
2-3-4	1.9975/1.9985	2.1865/2.1875	0.0963	0.9000	0.0010/0.0045		
	3.8050/3.8150	4.4850/4.4950		0.1510			

DAEWOO

ÍNDICE DE MOTORES/ENGINE INDEX

1.6918/1.6924	1.8110/1.8115	0.0590	0.6547	0.0007/0.0028	15 a 17	1
2.1643/2.1648	2.3228/2.3233	0.0783	0.7677	0.0013/0.0031	51 a 53	
2.1643/2.1648	2.3228/2.3233	0.0783	1.0205	0.0013/0.0031	51 a 53	
1.6918/1.6924	1.8110/1.8115	0.0590	0.6547	0.0007/0.0028	15 a 17	2
2.1643/2.1648	2.3228/2.3233	0.0783	0.7677	0.0013/0.0031	51 a 53	
2.1643/2.1648	2.3228/2.3233	0.0783	1.0205	0.0013/0.0031	51 a 53	



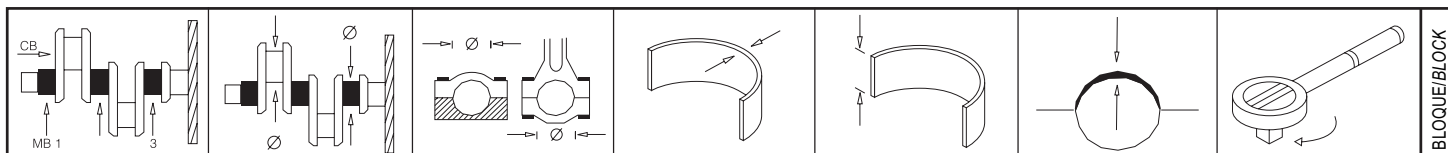
FORD

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		6 CILINDROS/6 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1.3 L, 1.4 L, 1.6 L HSC (1998-04)	1	181 CID/2967 cc (3.0 L) DOHC Duratec 24V (1996-04)	11
81 CID (1.3 L) SOHC Mazda (1988-97)	2	183 CID (3.0 L) OHV (1986-03)	15
110 CID (1.8 L) SOHC Mazda (1972-78)	3	2960 cc (3.0 L) VG30E SOHC Nissan (1993-98)	16
116 CID (1.9 L) SOHC (1987-96)	4	200 CID (3.3 L) OHV (1963-83)	17
116 CID (1.9 L) High Output (1994-96)	4	3275 cc (3.3 L) SOHC Nissan (1999-02)	18
122 CID (2.0 L) SOHC Mazda (1979-82)	3	232 CID (3.8 L) (1982-04)	19
122 CID (2.0 L) SOHC (1997-03)	4	232 CID (3.8 L) (1989-95) Súper cargado	20
121 CID (2.0 L) (1983-88)	5	240 CID (3.9 L) OHV (1965-74)	21
1989 cc (2.0 L) DOHC 16V (1995-03) Zetec	6	244 CID (4.0 L) OHV (1990-00)	22
122 CID (2.0 L) SOHC Mazda Diesel (1984-87)	7	244 CID (4.0 L) SOHC (1997-01)	22
134 CID (2.2 L) SOHC Mazda (1989-92)	8	250 CID (4.1 L) (1969-80)	23
134 CID (2.2 L) SOHC Mazda Turbo (1989-92)	8	256 CID (4.2 L) (1997-03)	24
140 CID (2.3 L) SOHC (1979-90)	5	300 CID (4.9 L) (1965-96)	21
140 CID (2.3 L) SOHC (1991-97)	10	8 CILINDROS/8 CYLINDERS	
140 CID (2.3 L) HSC (1984-94)	9	221 CID (3.6 L) (1962-63)	25
153 CID (2.5 L) (1998-01)	10	255 CID (4.2 L) (1980-82)	25
153 CID (2.5 L) (1986-91)	9	256 (4.2 L) (1997-05)	24
6 CILINDROS/6 CYLINDERS		260 CID (4.3 L) (1962-65)	25
155 CID (2.5 L) DOHC Duratec 24V (1995-02)	11	281 CID (4.6 L) DOHC (1993-04)	26
2551 cc (2.6 L) German (1970-74)	12	281 (4.6 L) SOHC VIN W Block de aluminio, Motor Romeo (2002-04)	26
159 CID (2.6 L) (1972-73)	12	281 CID (4.6 L) SOHC VIN 6, X, Motor Windsor (1996-03)	29
171 CID (2.8 L) German (1974-86) Truck	13	281 CID (4.6 L) SOHC VIN W (1991-92)	27
177 CID (2.9 L) OHV Truck (1986-92)	14	281 CID (4.6 L) SOHC LPG Motor Windsor (1997-03)	28

1	L4	1.3 L, 1.4 L, 1.6 L HSC (1998-04)	74.00 mm x 75.50 mm	FIESTA, FIESTA POPULAR, ESCORT, ORION L	CB 7001 P	STD, .25 mm, .50 mm, .75 mm
					MS 7003 P #	***
					MB 7004 P	
2	L4	81 (1.3 L) SOHC Mazda (1988-97)	2.795 in/71 mm x 3.189 in/81 mm	ASPIRE, FESTIVA	TW 7002 S #	***
					MB 7007 W	
					CB 1279 P	STD, 10, 20, 30
3	L4	110 (1.8 L) SOHC Mazda (1972-78) 122 (2.0 L) SOHC Mazda (1979-82)	110- 3.071 in/78 mm x 3.701 in/94 mm 122- 3.150 in/80 mm x 3.858 in/98 mm	COURIER	CB 1110 P	STD, 10, 20, 30, 40
					MS 1427 P	STD, 10, 20, 30
					MB 1072 P	
					MB 1073 P	
					MB 2745 P	
					SH 1066 S	STD
					SH 1066	
					SH 1067	
					TW 231 S	STD
					MB 649 W	

Producto en desarrollo, próximamente disponible. Llame para revisar disponibilidad./Product under development, soon available. Call to ask about availability.

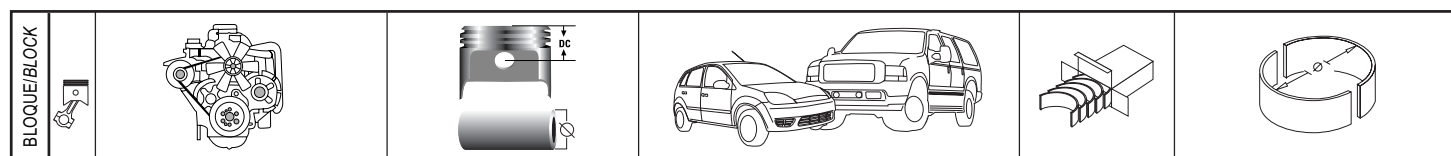


FORD

ÍNDICE DE MOTORES/ENGINE INDEX

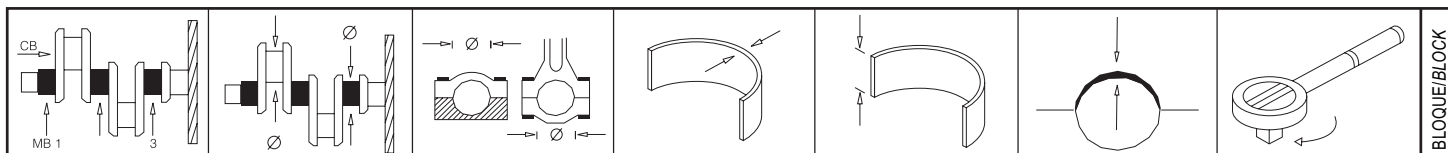
8 CILINDROS/8 CYLINDERS		8 CILINDROS/8 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
289 CID (4.7 L) (1965-68)	30	359 CID (5.9 L) OHV (1974-75)	37
302 CID (5.0 L) (1968-01)	31	360 CID (5.9 L) (1976)	37
302 CID (5.0 L) (1968-86)	31	361 CID (5.9 L) OHV (1964-78)	32
302 CID (5.0 L) High Output (1982-95)	31	370 CID (6.1 L) OHV (1979-91)	38
330 CID (5.4 L) Triton (1999-02)	33	389 CID (6.4 L) OHV (1975-78)	37
330 CID (5.4 L) Triton (1997-03)	33	390 CID (6.4 L) (1961-76)	32
330 CID (5.4 L) Súper cargado Triton (1999-03)	33	390 CID (6.4 L) OHV (1964-78)	32
330 CID (5.4 L) Triton Bi-fuel/CNG (1999-03)	33	400 CID (6.6 L) OHV (1971-82)	36
330 CID (5.4 L) Triton CNG (1997-03)	33	406 CID (6.7 L) (1962-63)	39
330 CID (5.4 L) OHV (1964-78)	32	410 CID (6.7 L) (1966-87)	37
332 CID (5.4 L) (1956-63)	32	427 CID (7.0 L) High Performance (1963-68)	39
335 CID (5.5 L) MEX (1969-86)	35	427 CID (7.0 L) Super High Output (1963-67)	39
351 CID (5.8 L) Cleveland LPG (1971-74)	34	429 CID (7.0 L) (1968-97)	38
351 CID (5.8 L) Windsor LPG (1969-94)	35	460 CID (7.5 L) (1968-98)	38
351 CID (5.8 L) Cleveland 351C (1970-74)	34	10 CILINDROS/10 CYLINDERS	
351 CID (5.8 L) Michigan (1975-82)	36	415 CID (6.8 L) SOHC Windsor Triton (1977-04)	40
351 CID (5.8 L) Michigan LPG (1975-82)	36		
351 CID (5.8 L) Windsor (1969-98)	35		
351 CID (5.8 L) Boss Cleveland (1971)	34		
351 CID (5.8 L) Cobra Jet Cleveland (1973-74)	34		
351 CID (5.8 L) High Output Cleveland (1972)	34		
351 CID (5.8 L) High performance Windsor (1963-96)	35		
352 CID (5.8 L) (1958-67)	32		

	1.6137/1.6145	1.7318/1.7326	0.0585	0.7565	0.0002/0.0023	1
	2.2437/2.2441	2.3867/2.3872	0.0711	0.7240		
	1.5724/1.5730	1.6929/1.6935	0.0596	0.6740	0.0010/0.0031	22 a 25
	2.0842/2.0848	2.2049/2.2055	0.0596	0.8710	0.0014/0.0036	31
1-2-4	2.4779/2.4785	2.6378/2.6385	0.0793	0.7140	0.0010/0.0034	63
3	2.4779/2.4785	2.6378/2.6385	0.0793	0.9500	0.0010/0.0034	63
5	2.4779/2.4785	2.6378/2.6385	0.0793	0.9500	0.0010/0.0034	63
1	1.7695/1.7701	1.9295/1.9305	0.0793	0.9500	0.0007/0.0039	
2-3	1.7695/1.7701	1.9295/1.9305	0.0793	0.7140	0.0007/0.0039	
5	2.7560/2.7760	3.3660/3.3860		0.0800		



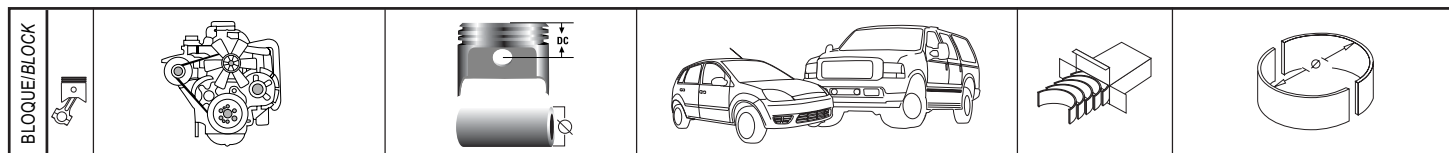
4	L4	116 (1.9 L) SOHC (1987-96) 116 (1.9 L) High Output (1994-96) 122 (2.0 L) SOHC (1997-03)	116- 3.226 in/81.94 mm x 3.460 in/87.9 mm 122- 3.339 in/84.8 mm x 3.461 in/87.9 mm	ESCORT, FOCUS, LYNX, TRACER	CB 1380 P	STD, 10, 20, 30
					MS 1706 P	STD, 10, 20, 30
					MB 3073 P MB 3074 P (F)	
					CA 104 S	STD (1987-96)
		FA-1-1				
		FA-1-2				
		FA-1-3				
		FA-1-4				
		FA-1-5				
5	L4	121 (2.0 L) (1983-88) 140 (2.3 L) SOHC (1979-90)	121- 3.516 in/89.3 mm x 3.125 in/79.4 mm 140- 3.780 in/96 mm x 3.125 in/79.4 mm	CAPRI, LTD, MARQUIS, MUSTANG, THUNDERBIRD	CB 984 P	STD, 10, 20, 30, 40
					MS 1117 P	STD, 10, 20, 30, 40
					MB 2612 P MB 2613 P (F)	
					SH 777 S	STD, 10*
		SH 777				
		SH 1095 S			STD	
		SH 1095				
		SH 1096				
6	L4	1989 cc (2.0 L) Zetec DOHC 16V (1995-03)	3.339 in/84.8 mm x 3.461 in/87.9 mm	CONTOUR, ESCAPE, ESCORT, FOCUS	CB 4121 P	STD, 10, 20, 30
					MS 3001 P	STD, 10, 20, 30
					MB 5053 P MB 5054 P (F)	
7	L4	122 (2.0 L) SOHC Mazda Diesel (1984-87)	3.386 in/86 mm x 3.386 in/86 mm	ESCORT, LYNX, TOPAZ	CB 1362 P	STD, 10, 20, 30, 40
8	L4	134 (2.2 L) SOHC Mazda (1989-92) 134 (2.2 L) SOHC Mazda Turbo (1989-92)	3.386 in/86 mm x 3.701 in/94 mm	PROBE	CB 1362 P	STD, 10, 20, 30, 40
					MS 1803 P	STD, 10, 20, 30, 40
					MB 3174 P MB 3175 P (F)	
9	L4	140 (2.3 L) HSC (1984-94) 153 (2.5 L) HSC (1986-91)	140- 3.680 in/93.5 mm x 3.125 in/79.4 mm 153- 3.680 in/93.5 mm x 3.578 in/90.8 mm	GHIA, PINTO, TEMPO, TOPAZ	CB 583 P (1984-85)	STD, 10, 20, 30, 40, 50, 60
					CB 1383 P (1986-94)	STD, 10, 20, 30, 40, 50, 60
					MS 1629 P	STD, 10, 20, 30
					MB 2986 P MB 2692 P MB 2693 P (F)	
		SH 1251 S			STD, 10*	
		SH 1251				
		SH 1252				
		SH 1253				
10	L4	140 (2.3 L) SOHC (1991-97) 153 (2.5 L) SOHC (1998-01)	140- 3.780 in/96 mm x 3.125 in/79.4 mm 153- 3.780 in/96 mm x 3.397 in/86.3 mm	AEROSTAR, MUSTANG, RANGER	CB 984 P	STD, 10, 20, 30, 40
					MS 1743 P	STD, 10, 20, 30, 40
					MB 3137 P MB 3130 P (F)	
					SH 777 S	STD, 10*
		SH 777				
		SH 1095 S			STD	
		SH 1095				
		SH 1096				
		Sólo motor 140 y algunos motores 140				

* Producto disponible hasta agotar existencias./Until existence are available.

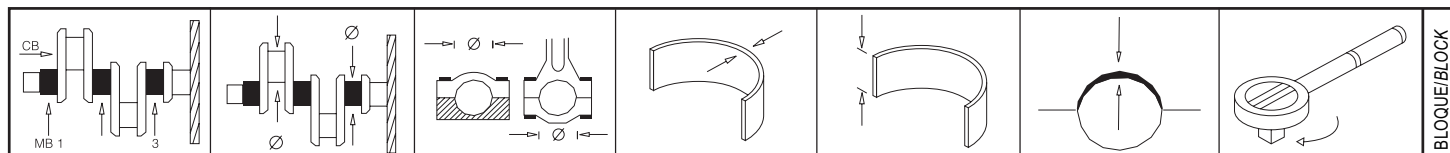


BLOQUE/BLOCK

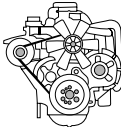
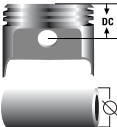
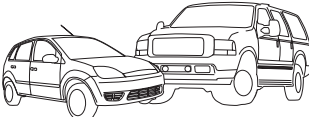
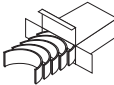
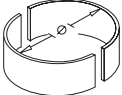
	1.7279/1.7287	1.8460/1.8468	0.0587	0.7680	0.0008/0.0025	26 a 30	4
1-2-4-5	2.2827/2.2835	2.4522/2.4528	0.0838	0.8890	0.0011/0.0035	67 a 80	
3	2.2827/2.2835	2.4522/2.4528	0.0838	1.1310	0.0011/0.0035	67 a 80	
1		1.9035	0.0503	0.9250			
2		1.8985	0.0478	0.9250			5
3		1.8935	0.0453	0.9250			
4		1.8885	0.0428	0.9250			
5		1.8835	0.0403	0.9250			
	2.0465/2.0472	2.1720/2.1728	0.0624	0.8000	0.0005/0.0030	30 a 36	5
1-2-4-5	2.3982/2.3990	2.5902/2.5910	0.0956	0.9500	0.0005/0.0031	80 a 90	
3	2.3982/2.3990	2.5902/2.5910	0.0956	1.1950	0.0005/0.0031	80 a 90	
1-2-3-4	1.7712/1.7720	1.9006/1.9016	0.0638	0.7030	0.0010/0.0045		
Frente/Front	1.6522/1.6530	1.7968/1.7980	0.0717	0.5100	0.0007/0.0045		6
Posterior/Rear	1.6522/1.6530	1.7772/1.7783	0.6190	0.5100	0.0007/0.0045		
			Flecha auxiliar/Aux. Shaft				
	1.8461/1.8468	1.9642/1.9650	0.0585	0.8020	0.0008/0.0017	17 a 19 + 90°	
1-2-4-5	2.2827/2.2834	2.4522/2.4528	0.0842	0.7710	0.0003/0.0016	13 a 16 + 90°	7
3	2.2827/2.2834	2.4522/2.4528	0.0842	0.9730	0.0007/0.0030	13 a 16 + 90°	
	2.0055/2.0061	2.1261/2.1267	0.0594	0.8320	0.0012/0.0026	51 a 54	
	2.0055/2.0061	2.1261/2.1267	0.0594	0.8320	0.0012/0.0026	48 a 51	
1-2-4-5	2.3597/2.3604	2.5197/2.5203	0.0793	0.7530	0.0007/0.0030	61 a 65	8
3	2.3597/2.3604	2.5197/2.5203	0.0793	1.1020	0.0007/0.0030	61 a 65	
	2.1232/2.1240	2.2390/2.2398	0.0575	0.8100	0.0005/0.0031	21 a 26	
	2.1232/2.1240	2.2390/2.2398	0.0574	0.8100	0.0002/0.0028	21 a 26	
1	2.2482/2.2490	2.4012/2.4020	0.0760	1.0200	0.0007/0.0033	52 a 56	9
2-4-5	2.2482/2.2490	2.4012/2.4020	0.0760	1.0200	0.0007/0.0033	52 a 56	
3	2.2482/2.2490	2.4012/2.4020	0.0760	1.2710	0.0007/0.0033	52 a 56	
1	2.0070/2.0080	2.2040/2.2055	0.0973	0.7200	0.0012/0.0047		
2-3	2.0070/2.0080	2.1885/2.1895	0.0894	0.7200	0.0015/0.0045		10
4	2.0070/2.0080	2.2040/2.2055	0.0973	0.4990	0.0012/0.0047		
	2.0465/2.0472	2.1720/2.1728	0.0624	0.8000	0.0005/0.0030	30 a 36	
1-2-4-5	2.2051/2.2059	2.3971/2.3979	0.0956	0.9500	0.0008/0.0026	80 a 90	
3	2.2051/2.2059	2.3971/2.3979	0.0956	1.1940	0.0008/0.0026	80 a 90	10
1-2-3-4	1.7712/1.7720	1.9006/1.9016	0.0638	0.7030	0.0010/0.0045		
Frente/Front	1.6522/1.6530	1.7968/1.7980	0.0717	0.5100	0.0007/0.0045		
Posterior/Rear	1.6522/1.6530	1.7772/1.7783	0.6190	0.5100	0.0007/0.0045		
			Flecha auxiliar/Aux. Shaft				



11	V6	155 (2.5 L) DOHC Duratec 24V (1995-02) 181/2967 cc (3.0 L) DOHC Duratec 24V (1996-04)	155- 3.240 in/82.3 mm x 3.130 in/79.5 mm 181- 3.504 in/89 mm x 3.130 in/79.5 mm	ESCAPE, SABLE, TAURUS, MYSTIQUE, CONTOUR	CB 6155 P	STD, 10, 20, 30
					MS 3000 P MB 5050 P MB 5051 P (F) MB 5052 W	STD, 10, 20, 30 1 pieza/1 piece 1 pieza/1 piece
12	V6	159 (2.6 L) (1972-73) 2551 cc (2.6 L) German (1970-74)	159- 3.543 in/90 mm x 2.625 in/66.7 mm 2551- 3.543 in/90 mm x 2.638 in/67 mm	CAPRI, CONSUL	CB 723 P	STD, 10, 20, 30, 40
					MS 860 P MB 2350 P MB 2351 P (F)	STD, 10, 20, 30
					MS 1983 P MB 2350 P MB 3416 P (F)	STD, 10, 20, 30, 40
13	V6	171 (2.8 L) German (1974-86) Truck	3.661 in/93 mm x 2.701 in/68.6 mm	AEROSTAR, BOBCAT, BRONCO II, CAPRI, MUSTANG, RANGER	CB 723 P	STD, 10, 20, 30, 40
					MS 860 P MB 2350 P MB 2351 P (F)	STD, 10, 20, 30
					MS 1983 P MB 2350 P MB 3416 P (F)	STD, 10, 20, 30, 40
					SH 1390 S SH 1390 SH 1391 SH 1392 SH 1393	STD
14	V6	177 (2.9 L) OHV Truck (1986-92)	3.661 in/93 mm x 2.831 in/71.9 mm	BRONCO II, RANGER	CB 723 P	STD, 10, 20, 30, 40
					MS 860 P MB 2350 P MB 2351 P (F)	STD, 10, 20, 30 (1986-89)
					MS 1983 P MB 2350 P MB 3416 P (F)	STD, 10, 20, 30, 40 (1986-89)
					MS 2006 P MB 2350 P MB 3416 P (F)	(1990-92)
					SH 1390 S SH 1390 SH 1391 SH 1392 SH 1393	STD
15	V6	183 (3.0 L) OHV (1986-03)	183- 3.504 in/89 mm x 3.150 in/80 mm	RANCH WAGON, RANGER, SABLE, TAURUS, TEMPO, TOPAZ, WINDSTAR	CB 1385 P	STD, 10, 20, 30
					MS 1702 P MB 3093 P MB 3094 P (F) MB 3095 P	STD, 10, 20, 30
					SH 1789 S SH 1334 SH 1335 SH 1789	STD

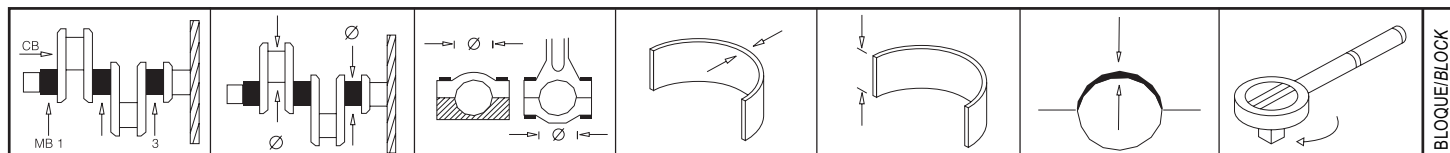


	1.9674/1.9681	2.0872/2.0880	0.0591	0.7090	0.0010/0.0025	26 a 36 + 90°	11
1-2-3-4	2.4791/2.4800	2.6771/2.6780	0.0981	0.7070	0.0009/0.0019		
4	2.4791/2.4800	2.6771/2.6780	0.0981	0.8780	0.0009/0.0019		
4			0.0767				
	2.1251/2.1260	2.2370/2.2378	0.0553	0.6490	0.0009/0.0035	21 a 25	12
1-2-4	2.2433/2.2441	2.3866/2.3874	0.0711	0.8500	0.0006/0.0032	65 a 75	
3	2.2433/2.2441	2.3866/2.3874	0.0711	1.0350	0.0006/0.0032	65 a 75	
Cojinetes de ceja contiene sobremedida axial .010"/Flange Bearing with a .010" axial oversize							
1-2-4	2.2433/2.2441	2.3866/2.3874	0.0711	0.8500	0.0006/0.0032	65 a 75	
3	2.2433/2.2441	2.3866/2.3874	0.0711	1.0350	0.0006/0.0032	65 a 75	
	2.1251/2.1260	2.2370/2.2378	0.0553	0.6490	0.0009/0.0035	21 a 25	13
1-2-4	2.2433/2.2441	2.3866/2.3874	0.0711	0.8500	0.0006/0.0032	65 a 75	
3	2.2433/2.2441	2.3866/2.3874	0.0711	1.0350	0.0006/0.0032	65 a 75	
1-2-4	2.2433/2.2441	2.3866/2.3874	0.0711	0.8500	0.0006/0.0032	65 a 75	
3	2.2433/2.2441	2.3866/2.3874	0.0711	1.0350	0.0006/0.0032	65 a 75	
1	1.7284/1.7293	1.8514/1.8528	0.0603	0.7800	0.0012/0.0041		
2	1.7135/1.7143	1.8364/1.8378	0.0603	0.7010	0.0012/0.0041		
3	1.6985/1.6993	1.8215/1.8228	0.0603	0.7010	0.0012/0.0041		
4	1.6835/1.6843	1.8065/1.8079	0.0603	0.5980	0.0012/0.0041		
	2.1251/2.1260	2.2370/2.2378	0.0553	0.6490	0.0009/0.0035	21 a 25	14
1-2-4	2.2433/2.2441	2.3866/2.3874	0.0711	0.8500	0.0006/0.0032	65 a 75	
3	2.2433/2.2441	2.3866/2.3874	0.0711	1.0350	0.0006/0.0032	65 a 75	
Cojinetes de ceja contiene sobremedida axial .010"/Flange Bearing with a .010" axial oversize							
1-2-4	2.2433/2.2441	2.3866/2.3874	0.0711	0.8500	0.0006/0.0032	65 a 75	
3	2.2433/2.2441	2.3866/2.3874	0.0711	1.0350	0.0006/0.0032	65 a 75	
1-2-4	2.2433/2.2441	2.3866/2.3874	0.0711	0.8500	0.0006/0.0032	65 a 75	
3	2.2433/2.2441	2.3866/2.3874	0.0711	1.0350	0.0006/0.0032	65 a 75	
1	1.7284/1.7293	1.8514/1.8528	0.0603	0.7800	0.0012/0.0041		
2	1.7135/1.7143	1.8364/1.8378	0.0603	0.7010	0.0012/0.0041		
3	1.6985/1.6993	1.8215/1.8228	0.0603	0.7010	0.0012/0.0041		
4	1.6835/1.6843	1.8065/1.8079	0.0603	0.5980	0.0012/0.0041		
	2.1253/2.1261	2.2500/2.2508	0.0618	0.7630	0.0010/0.0027	23 a 29	15
1-2	2.5190/2.5198	2.7120/2.7128	0.0962	0.7420	0.0010/0.0023	63 a 69	
3	2.5190/2.5198	2.7120/2.7128	0.0960	1.0110	0.0010/0.0023	63 a 69	
4	2.5190/2.5198	2.7120/2.7128	0.0962	1.0690	0.0010/0.0023	63 a 69	
1	2.0074/2.0084	2.1531/2.1541	0.0713	0.9650	0.0010/0.0030		
2-3	2.0074/2.0084	2.1334/2.1344	0.0614	0.5420	0.0010/0.0030		
4	2.0074/2.0084	2.1531/2.1541	0.0713	0.5470	0.0010/0.0030		

BLOQUE/BLOCK						
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16	V6	2960 cc (3.0 L) VG30E SOHC Nissan (1993-98)	3.425 in/87 mm x 3.268 in/83 mm	VILLAGER	CB 1591 P	STD, 10, 20, 30, 40
					MS 1951 P	STD, 10, 20, 30, 40
					MB 3344 P	
					MB 3345 P	
					MB 3346 P (F)	
					CLV 4569	SEMI
17	L6	200 (3.3 L) OHV (1963-83)	3.680 in/93.5 mm x 3.125 in/79.4 mm	BRONCO, CALIENTA, CAPRI, COMET, COUGAR, FAIRLANE, FAIRMONT, FALCON, GRANADA, LTD, MARQUIS, MAVERICK, METEOR, MONARCH, MONTEGO, MUSTANG, THUNDERBIRD, TORINO, VILLAGER	CA 114 S	STD
					NIA-2-1	
					NIA-3-2	
					CA 115 S	STD
					NIA-3-1	
					NIA-2-1	
18	V6	3275 cc (3.3 L) SOHC Nissan (1999-02)	3.602 in/91.5 mm x 3.268 in/83 mm	VILLAGER	CB 583 P	STD, 10, 20, 30, 40, 50, 60
					MS 771 P	STD, 10, 20, 30, 40 (1965-74)
					MB 2692 P	
					MB 2693 P (F)	
					MS 1389 P	STD, 10, 20, 30 (1975-83)
					MB 2692 P	
19	V6	232 (3.8 L) (1982-04)	3.811 in/96.8 mm x 3.386 in/86 mm	CAPRI, CONTINENTAL, COUGAR, F100, GRANADA, LTD, MARQUIS, MUSTANG, THUNDERBIRD	MB 2693 P (F)	
					CB 1591 P	STD, 10, 20, 30, 40
					MS 1951 P	STD, 10, 20, 30, 40
					MB 3344 P	
					MB 3345 P	
					MB 3346 P (F)	
19	V6	232 (3.8 L) (1982-04)	3.811 in/96.8 mm x 3.386 in/86 mm	CAPRI, CONTINENTAL, COUGAR, F100, GRANADA, LTD, MARQUIS, MUSTANG, THUNDERBIRD	CLV 4569	SEMI
					CB 1283 P (1982-95)	STD, 10, 20, 30, 40
					CB 1667 P (1996-03)	STD, 10, 20, 30, 40
					MS 1561 P	STD, 10, 20, 30, 40 (1982-88)
					MB 2871 P	
					MB 2872 P (F)	
					MS 1812 P	STD, 10, 20, 30 (1989-98)
					MB 3187 P	
					MB 3188 P (F)	
					SH 1197 S	STD, 10* (1982-87)
					SH 1197	
					SH 1198	
19	V6	232 (3.8 L) (1982-04)	3.811 in/96.8 mm x 3.386 in/86 mm	CAPRI, CONTINENTAL, COUGAR, F100, GRANADA, LTD, MARQUIS, MUSTANG, THUNDERBIRD	SH 1447 S	STD (1988-04)
					SH 1447	
					SH 1446	
					SH 1526 S	STD (1988-04)
19	V6	232 (3.8 L) (1982-04)	3.811 in/96.8 mm x 3.386 in/86 mm	CAPRI, CONTINENTAL, COUGAR, F100, GRANADA, LTD, MARQUIS, MUSTANG, THUNDERBIRD	SH 1526	

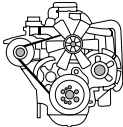
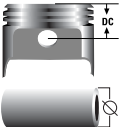
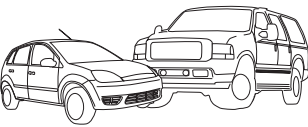
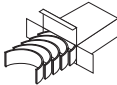
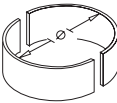
* Producto disponible hasta agotar existencias./Until existence are available.



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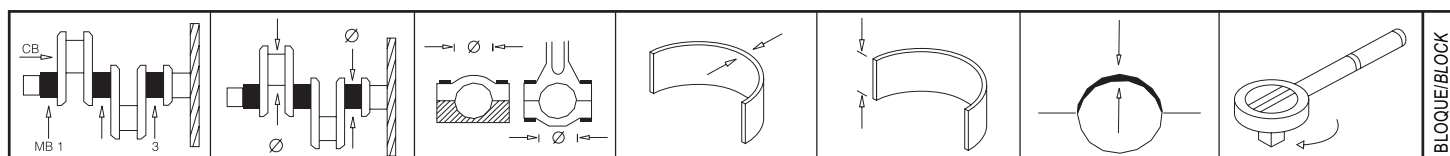
	1.9669/1.9675	2.0866/2.0871	0.0594	0.6690	0.0004/0.0024	33 a 40	16
1	2.4784/2.4793	2.6238/2.6249	0.0720	0.8860	0.0004/0.0034		
2-3	2.4784/2.4793	2.6238/2.6249	0.0720	0.7480	0.0004/0.0034		
4	2.4784/2.4793	2.6238/2.6249	0.0720	1.1340	0.0004/0.0034		
		0.9500/0.9510	0.0680	0.8250			
1-2-3		1.9309	0.4030	0.7350			
4		1.7538	0.4030	0.7350			
1		1.9702	0.4030	1.2350			
2-3-4		1.9309	0.4030	0.7350			
5		1.7538	0.4030	0.7350			
	2.1232/2.1240	2.2390/2.2398	0.0574	0.8100	0.0002/0.0028	19 a 24	17
1-2-3-4-6-7	2.2482/2.2490	2.4012/2.4020	0.0759	1.0200	0.0007/0.0033	60 a 70	
5	2.2482/2.2490	2.4012/2.4020	0.0759	1.2710	0.0007/0.0033	60 a 70	
1-2-3-4-6-7	2.2482/2.2490	2.4012/2.4020	0.0759	1.0200	0.0007/0.0033	60 a 70	
5	2.2482/2.2490	2.4012/2.4020	0.0759	1.2710	0.0007/0.0033	60 a 70	
	1.9669/1.9675	2.0866/2.0871	0.0594	0.6690	0.0004/0.0024	33 a 40	18
1	2.4784/2.4793	2.6238/2.6249	0.0720	0.8860	0.0004/0.0034		
2-3	2.4784/2.4793	2.6238/2.6249	0.0720	0.7480	0.0004/0.0034		
4	2.4784/2.4793	2.6238/2.6249	0.0720	1.1340	0.0004/0.0034		
		0.9500/0.9510	0.0680	0.8250			
	2.3099/2.3110	2.4266/2.4274	0.0577	0.6660	0.0007/0.0036	31 a 36	19
	2.3099/2.3110	2.4266/2.4274	0.0576	0.7840	0.0002/0.0031	31 a 36	
1-2-4	2.5186/2.5198	2.7122/2.7130	0.0962	0.8580	0.0005/0.0035	65 a 81	
3	2.5186/2.5198	2.7122/2.7130	0.0962	1.1660	0.0005/0.0035	65 a 81	
1-2-4	2.5190/2.5198	2.7122/2.7130	0.0965	0.8580	0.0005/0.0023	65 a 81	
3	2.5190/2.5198	2.7122/2.7130	0.0965	1.1660	0.0005/0.0023	65 a 81	
1-4	2.0505/2.0515	2.1915/2.1925	0.0698	0.6500	0.0008/0.0040		
2-3	2.0505/2.0515	2.1765/2.1775	0.0622	0.5690	0.0008/0.0040		
1-4	2.0505/2.0515	2.1915/2.1925	0.0698	0.6500	0.0009/0.0039		
2-3	2.0505/2.0515	2.1765/2.1775	0.0622	0.5500	0.0009/0.0039		
Frente-Posterior/ Front-Rear	2.0505/2.0515	2.1915/2.1925	0.0698	0.6600	0.0009/0.0039		

Flecha balanceadora/Balance Shaft

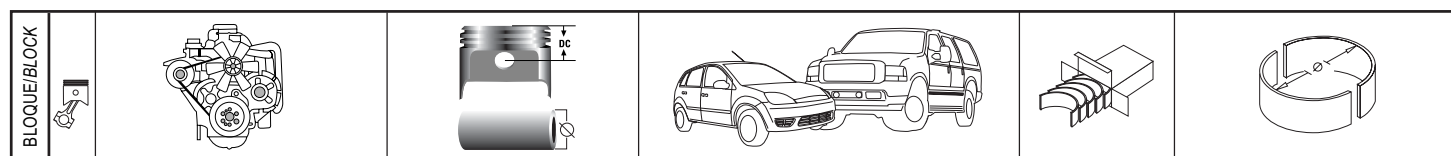
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20	V6	232 (3.8 L) Súper cargado (1989-95)	3.811 in/96.8 mm x 3.386 in/86 mm	COUGAR, THUNDERBIRD	CB 1283 P	STD, 10, 20, 30, 40
					MS 1782 P	STD, 10, 20, 30
					MB 3187 P MB 3188 P (F) MB 3138 P	
					SH 1447 S	STD
21	L6	240 (4.0 L) OHV (1965-74) 300 (4.9 L) (1965-96) 300 (4.9 L) LPG (1965-96)	240- 4.000 in/101.6 mm x 3.188 in/80.98 mm 300- 4.000 in/101.6 mm x 3.980 in/101.1 mm	B500, B600, BRONCO, CLUB WAGON, CUSTOM, ECONOLINE, F100, F250, F350, F500, F600, P100, P350	SH 1446	
					SH 1526 S	STD
					SH 1526	
22	V6	244 (4.0 L) OHV (1990-00) 244 (4.0 L) SOHC (1997-01)	3.953 in/100.4 mm x 3.307 in/84 mm	AEROSTAR, BRONCO II, CAPRI, RANGER, EXPLORER MOUNTAINER	CB 699 P	STD, 10, 20, 30, 40
					MS 979 P	STD, 10, 20, 30, 40
					MB 2553 P MB 2554 P (F)	
					SH 567 S	STD, 10* (1965-85)
23	L6	250 (4.1 L) (1969-80)	3.680 in/93.5 mm x 3.906 in/99.2 mm	COMET, FAIRLANE, MAVERICK, MONARCH, MONTEGO, RANCHERO, TORINO	SH 1254 S	STD (1985-96)
					SH 1254 SH 567	
24	V6	244 (4.0 L) OHV (1990-00) 244 (4.0 L) SOHC (1997-01)	3.953 in/100.4 mm x 3.307 in/84 mm	AEROSTAR, BRONCO II, CAPRI, RANGER, EXPLORER MOUNTAINER	CB 723 P	STD, 10, 20, 30, 40
					MS 2006 P	STD, 10, 20, 30, 40
					MB 2350 P MB 3416 P (F)	
					SH 1441 S	STD OHV
25	L6	250 (4.1 L) (1969-80)	3.680 in/93.5 mm x 3.906 in/99.2 mm	COMET, FAIRLANE, MAVERICK, MONARCH, MONTEGO, RANCHERO, TORINO	SH 1442 SH 1443 SH 1444	
					SH 1977 S	STD SOHC
					SH 1977 SH 1978	
					CA 105 S	STD SOHC
26	V6	244 (4.0 L) OHV (1990-00) 244 (4.0 L) SOHC (1997-01)	3.953 in/100.4 mm x 3.307 in/84 mm	AEROSTAR, BRONCO II, CAPRI, RANGER, EXPLORER MOUNTAINER	CB 583 P	STD, 10, 20, 30, 40, 50, 60
					MS 979 P	STD, 10, 20, 30, 40
					MB 2553 P MB 2554 P (F)	

* Producto disponible hasta agotar existencias./Until existence are available.



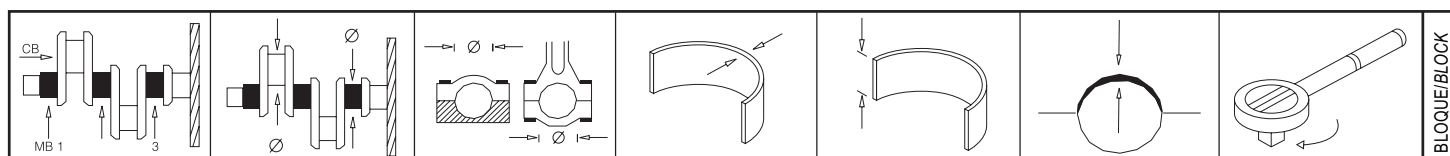
	2.3099/2.3110	2.4266/2.4274	0.0577	0.6660	0.0007/0.0036	31 a 36	20
1-2	2.5190/2.5198	2.7122/2.7130	0.0965	0.8580	0.0005/0.0023	65 a 81	
3	2.5190/2.5198	2.7122/2.7130	0.0965	1.1660	0.0005/0.0023	65 a 81	
4	2.5096/2.5104	2.7122/2.7130	0.1003	0.8580	0.0010/0.0028	65 a 81	
1-4	2.0505/2.0515	2.1915/2.1925	0.0698	0.6500	0.0009/0.0039		
2-3	2.0505/2.0515	2.1765/2.1775	0.0622	0.5500	0.0009/0.0039		
Frente-Posterior/ Front-Rear	2.0505/2.0515	2.1915/2.1925	0.0698	0.6600	0.0009/0.0039		
Flecha balanceadora/Balance Shaft							
	2.1228/2.1236	2.2750/2.2758	0.0756	0.8000	0.0005/0.0031	40 a 45	
1-2-3-4-6-7	2.3982/2.3990	2.5902/2.5910	0.0955	0.9700	0.0005/0.0031	60 a 70	
5	2.3982/2.3990	2.5902/2.5910	0.0955	1.1950	0.0005/0.0031	60 a 70	
1-2-3-4	2.0170/2.0180	2.1440/2.1450	0.0625	0.8700	0.0010/0.0050		
1-4	2.0170/2.0180	2.1580/2.1589	0.0695	0.8700	0.0010/0.0050		
2-3	2.0170/2.0180	2.1440/2.1450	0.0625	0.8700	0.0010/0.0050		
	2.1251/2.1260	2.2370/2.2375	0.0553	0.6490	0.0009/0.0035	21 a 25	
1-2-4	2.2433/2.2441	2.3866/2.3874	0.0711	0.8500	0.0006/0.0032	66 a 77	
3	2.2433/2.2441	2.3866/2.3874	0.0711	1.0350	0.0006/0.0032	66 a 77	
1	1.9510/1.9520	2.0768/2.0784	0.0619	0.7800	0.0010/0.0045		
2	1.9370/1.9380	2.0618/2.0634	0.0616	0.7000	0.0007/0.0043		
3	1.9220/1.9230	2.0468/2.0484	0.0616	0.7000	0.0007/0.0043		
4	1.9070/1.9080	2.0319/2.0335	0.0616	0.5900	0.0007/0.0043		
Frente/Front		1.8522	0.0610	1.1420			
Posterior/Rear		1.8072	0.0610	0.9050			
Flecha auxiliar/Aux. Shaft							
1		1.1875	0.0422	0.9600			
2-3-4		1.1875	0.0422	0.6800			
1		1.1875	0.0422	0.9600			
2-3-4		1.1875	0.0422	0.6800			
	2.1232/2.1240	2.2390/2.2398	0.0575	0.8100	0.0005/0.0031	21 a 26	
1-2-3-4-6-7	2.3982/2.3990	2.5902/2.5910	0.0955	0.9700	0.0005/0.0031	60 a 70	
5	2.3982/2.3990	2.5902/2.5910	0.0955	1.1950	0.0005/0.0031	60 a 70	



24	V6	256 (4.2 L) (1997-05)	3.811 in/96.8 mm x 3.740 in/96 mm	CLUB WAGON, ECONOLINE, F150	CB 1667 P STD, 10, 20, 30, 40
					MS 1812 P STD, 10, 20, 30 MB 3187 P MB 3188 P (F)
					SH 1447 S STD SH 1447 SH 1446
					SH 1526 S STD SH 1526
25	V8	221 (3.6 L) (1962-63) 255 (4.2 L) (1980-82) 260 (4.3 L) (1962-65)	221- 3.500 in/88.9 mm x 2.875 in/73 mm 255- 3.680 in/93.5 mm x 3.000 in/76.2 mm 260- 3.800 in/96.5 mm x 2.870 in/72.9 mm	CALIENTA, COMET, COUGAR, F100, FAIRLANE, FAIRMONT, FALCON, GRANADA, MARQUIS, METEOR, MONARCH, MUSTANG	CB 634 P STD, 10, 20, 30, 40, 50, 60
					MS 590 P STD, 10, 20, 30, 40, 50, 60 MB 2121 P MB 2122 P (F)
					SH 510 S STD, 10*, 30* SH 510 SH 511 SH 512 SH 513 SH 514
26	V8	281 (4.6 L) DOHC (1993-04) 281 (4.6 L) SOHC VIN W Block de aluminio, Motor Romeo (2002-04)	3.551 in/90.2 mm x 3.542 in/90 mm	MUSTANG	CB 1442 P STD, 10, 20, 30
					CB 1634 P 10, 20, 30 Diám. exterior + .002"
					MS 2198 P # *** MB 3772 P MB 3139 W MB 3773 P (F)
					CLV 3620 SEMI
					CA 108 S STD FA-4-3 (U) DOHC FA-4-4 (U) FA-5-1 (L) FA-4-1 (L) FA-4-2 (L)
27	V8	281 (4.6 L) SOHC VIN W (1991-92)	3.551 in/90.2 mm x 3.542 in/90 mm	TOWN CAR, GRAND MARQUIS, CROWN VICTORIA	CB 1442 P STD - 030
					CB 1634 P 10, 20, 30 Diám. exterior + .002"
					MS 7141 P STD, 10, 20, 30 MB 3139 P MB 3140 P (F)
					CLV 3620 SEMI
					CA 107 S STD FA-4-3 (U) FA-4-4 (U) FA-3-2 (L) FA-4-1 (L) FA-4-2 (L)

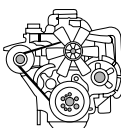
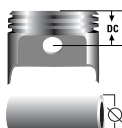
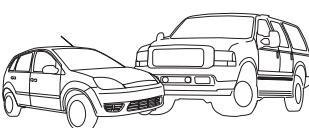
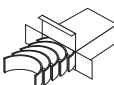
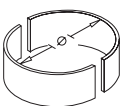
* Producto disponible hasta agotar existencias./Until existence are available.

Producto en desarrollo, próximamente disponible. Llame para revisar disponibilidad./Product under development, soon available. Call to ask about availability.

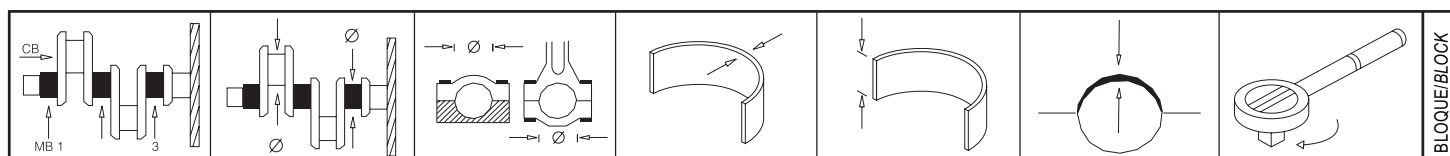


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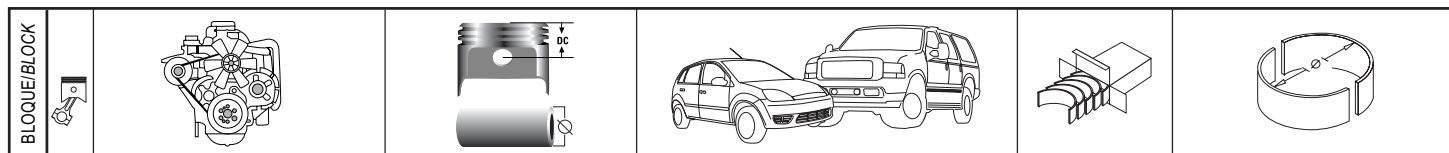
	2.3099/2.3110	2.4266/2.4274	0.0576	0.7840	0.0002/0.0031		24
1-2-4	2.5190/2.5198	2.7122/2.7130	0.0965	0.8580	0.0005/0.0023	37 - 120°	
3	2.5190/2.5198	2.7122/2.7130	0.0965	1.1660	0.0005/0.0023	37 - 120°	
1-4	2.0505/2.0515	2.1915/2.1925	0.0698	0.6500	0.0009/0.0039		
2-3	2.0505/2.0515	2.1765/2.1775	0.0622	0.5500	0.0009/0.0039		
Frente-Posterior/ Front-Rear	2.0505/2.0515	2.1915/2.1925	0.0698	0.6600	0.0009/0.0039		
	2.1228/2.1236	2.2390/2.2398	0.0576	0.7260	0.0007/0.0033	19 a 24	
1-2-4-5	2.2482/2.2490	2.4412/2.4420	0.0960	0.8900	0.0005/0.0029	60 a 70	
3	2.2482/2.2490	2.4412/2.4420	0.0960	1.1330	0.0005/0.0029	60 a 70	
1	2.0805/2.0815	2.2041/2.2051	0.0608	0.6700	0.0010/0.0050		
2	2.0655/2.0665	2.1890/2.1900	0.0608	0.6700	0.0010/0.0050		
3	2.0505/2.0515	2.1740/2.1750	0.0608	0.6700	0.0010/0.0050		
4	2.0355/2.0365	2.1590/2.1600	0.0608	0.6700	0.0010/0.0050		
5	2.0205/2.0215	2.1440/2.1450	0.0608	0.6700	0.0010/0.0050		
	2.0859/2.0867	2.2388/2.2396	0.0759	0.8270	0.0011/0.0023	23 + 90°	
	2.0859/2.0867	2.2408/2.2416	0.7690	0.8270	0.0011/0.0023	23 + 90°	
1-2-4	2.6578/2.6598	2.8505/2.8512	0.0984	0.7220	0.0005/0.0025	24 + 90°	
3							
5	2.6568/2.6576	2.8505/2.8512	0.0962	0.8870	0.0005/0.0025	24 + 90°	
		0.8664/0.8668	0.0525	0.9350			
1-6-7-12		1.1469	0.0420	0.5700			
2-3-4-5-8-9-10-11		1.1469	0.0420	0.4550			
1-6-7-12		1.1469	0.0422	0.5700			
2-3-4-5		1.1469	0.0420	0.4550			
8-9-10-11		1.1469	0.0420	0.4550			
	2.0859/2.0867	2.2388/2.2396	0.0759	0.8270	0.0011/0.0023	23 + 90°	
	2.0859/2.0867	2.2408/2.2416	0.7690	0.8270	0.0011/0.0023	23 + 90°	
1-2-3-4	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0005/0.0026	24 + 90°	
5	2.6567/2.6577	2.8504/2.8513	0.0962	0.8890	0.0005/0.0026	24 + 90°	
		0.8664/0.8668	0.0525	0.9350			
1-6-7-12		1.1469	0.0420	0.5700			
2-3-4-5-8-9-10-11		1.1469	0.0420	0.4550			
1-6-7-12		1.1469	0.0420	0.5700			
2-3-4-5		1.1469	0.0420	0.4550			
8-9-10-11		1.1469	0.0420	0.4550			

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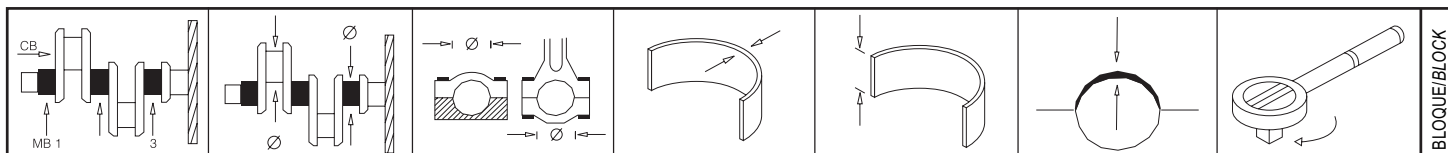
28	V8	281 (4.6 L) SOHC VIN W (1993-04) 281 (4.6 L) SOHC CNG (1995-03) 281 (4.6 L) SOHC LPG (1997-03)	3.551 in/90.2 mm x 3.542 in/90 mm	COUGAR, CROWN VICTORIA, GRAND MARQUIS, MUSTANG	CB 1442 P	STD, 10, 20, 30
					CB 1634 P	10, 20, 30 Diám. exterior + .002"
					MS 2007 P	STD, 10, 20, 30, 40
					MB 3139 P MB 4509 P (F) MB 3139 W	
29	V8	281 (4.6 L) SOHC VIN 6, X, Motor Windsor (1996-03)	3.551 in/90.2 mm x 3.542 in/90 mm	CLUB WAGON, CROWN VICTORIA, ECONOLINE, F150, F250, TOWN CAR	CLV 3620	SEMI
					CB 1442 P	STD, 10, 20, 30
					CB 1634 P	10, 20, 30 Diám. exterior + .002"
					MS 7296 P	STD, 10, 20, 30
30	V8	289 (4.7 L) (1965-68)	4.000 in/101.6 mm x 2.870 in/72.9 mm	BRONCO, CALIENTA, CAPRI, COMET, COUGAR, CUSTOM, CYCLONE, FALCON, GALAXIE, LTD, RANCHERO, MUSTANG, TORINO, VILLAGER	MB 4506 P MB 4507 P MB 3139 P MB 4507 W	
					CLV 3620	SEMI
					CA 106 S	STD
					FA-3-2 (U) FA-3-1 (L)	
					CB 634 P	STD, 10, 20, 30, 40, 50, 60
					CB 1778 P	10, 20, 30, 40 Diám. exterior + .002"
					MS 590 P	STD, 10, 20, 30, 40, 50, 60
					MB 2121 P MB 2122 P	
					SH 510 S	STD, 10*, 30*
					SH 510	
					SH 511	
					SH 512	
					SH 513	
					SH 514	



	2.0859/2.0867	2.2388/2.2396	0.0759	0.8270	0.0011/0.0023	23 + 90°	28
	2.0859/2.0867	2.2408/2.2416	0.7690	0.8270	0.0011/0.0023	23 + 90°	
2-3-4-5	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0005/0.0025	24 + 90°	
1	2.6567/2.6577	2.8504/2.8513	0.0962	0.8900	0.0003/0.0032	24 + 90°	
5				0.1151			
		0.8664/0.8668	0.0525	0.9350			
	2.0859/2.0867	2.2388/2.2396	0.0759	0.8270	0.0011/0.0023	23 + 90°	29
	2.0859/2.0867	2.2408/2.2416	0.7690	0.8270	0.0011/0.0023	23 + 90°	
1	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0003/0.0032	24 + 90°	
2-3-4-5	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0003/0.0032	24 + 90°	
1-2-3-4-5	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0005/0.0025	24 + 90°	
5				0.1151			
		0.8664/0.8668	0.0525	0.9350			
1-2-3-4-5-6		1.1469	0.0422	0.5700			
1-2-3-4-5-6		1.1469	0.0422	0.5700			
	2.1232/2.1240	2.2390/2.2398	0.0576	0.7260	0.0005/0.0029	19 a 24	30
	2.1228/2.1236	2.2410/2.2418	0.0586	0.7260	0.0007/0.0033	19 a 24	
1-2-4-5	2.2482/2.2490	2.4412/2.4420	0.0960	0.8900	0.0005/0.0029	60 a 70	
3	2.2482/2.2490	2.4412/2.4420	0.0960	1.1390	0.0005/0.0029	60 a 70	
1	2.0805/2.0815	2.2041/2.2051	0.0608	0.6700	0.0010/0.0050		
2	2.0655/2.0665	2.1890/2.1900	0.0608	0.6700	0.0010/0.0050		
3	2.0505/2.0515	2.1740/2.1750	0.0608	0.6700	0.0010/0.0050		
4	2.0355/2.0365	2.1590/2.1600	0.0608	0.6700	0.0010/0.0050		
5	2.0205/2.0215	2.1440/2.1450	0.0608	0.6700	0.0010/0.0050		

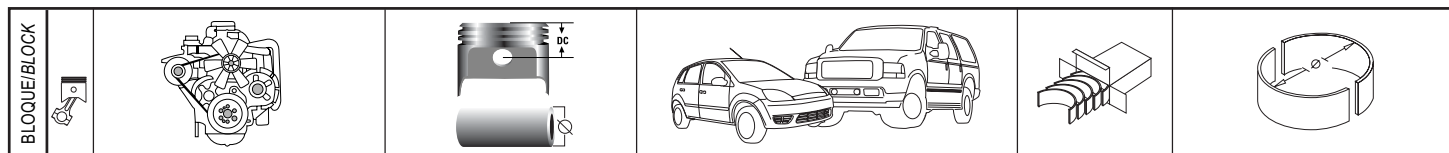


31	V8	302 (5.0 L) (1968-01)	4.000 in/101.6 mm x 3.000 in/76.2 mm	CLUB WAGON, COMET, CONTINENTAL, COUGAR, CROWN VICTORIA, CUSTOM, CYCLONE, ECONOLINE, EXPLORER, GRANADA, LTD, MONTEGO, MUSTANG, RANCHERO, THUNDERBIRD, TORINO, TOWN CAR	CB 634 P STD, 10, 20, 30, 40, 50, 60
		302 (5.0 L) LPG (1968-86)			CB 1778 P 10, 20, 30, 40
		302 (5.0 L) High Output (1982-95)			Diám. exterior + .002"
					MS 590 P STD, 10, 20, 30, 40, 50, 60
					MB 2121 P MB 2122 P (F)
					MS 1746 P 10, 20, 30, 40
					MB 2121 P MB 3124 P (F)
32	V8	330 (5.4 L) OHV (1964-78)	330- 3.875 in/98.4 mm x 3.500 in/88.9 mm 332- 4.000 in/101.6 mm x 3.297 in/83.8 mm 352- 4.000 in/101.6 mm x 3.500 in/88.9 mm 361- 4.050 in/102.9 mm x 3.500 in/88.9 mm 390/391- 4.050 in/102.9 mm x 3.781 in/96 mm	B500, B600, B700, C600, C700, C800, CAPRI, CYCLONE, F250, F350, F600, F700, F750, F800, FAIRLANE, GALAXIE, MARQUIS, MONTEGO MX, MONTERREY, THUNDERBIRD, TORINO, VILLAGER	CB 760 P STD, 10, 20, 30, 40, 50, 60
		332 (5.4 L) (1958-59)			MS 685 P STD, 10, 20, 30, 40
		352 (5.8 L) (1958-67)			MB 2441 P (1964-65)
		361 (5.9 L) OHV (1964-78)			MS 863 P STD, 10, 20, 30, 40
		390 (6.4 L) (1961-76)			MB 2441 P (1966-78)
33	V8	391 (6.4 L) OHV (1964-78)			SH 781 S STD, 10*, 20*, 30*
					SH 781 SH 377 SH 378 SH 379 SH 380
					CB 1442 P STD, 10, 20, 30
					CB 1634 P 10, 20, 30
					Diám. exterior + .002"
33	V8	330 (5.4 L) DOHC Triton (1999-02)	DOHC- 3.550 in/90.1 mm x 4.165 in/105.8 mm SOHC- 3.551 in/90.2 mm x 4.161 in/105.7 mm	CLUB WAGON E350, ECONOLINE E150, E250, E350, EXPEDITION, F150, F250, NAVIGATOR, WAGON E350	MS 7296 P STD, 10, 20, 30
		330 (5.4 L) SOHC Triton (1997-03)			MB 4506 P
		330 (5.4 L) SOHC Triton SC (1999-03)			MB 4507 P
		330 (5.4 L) SOHC Triton CNG (1999-03) Windsor			MB 3139 P MB 4507 W
					CLV 3620 SEMI

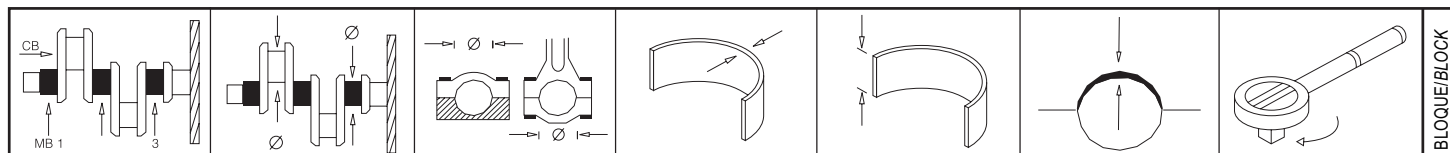


BLOQUE/BLOCK

	2.1228/2.1236	2.2482/2.2490	0.0576	0.7260	0.0003/0.0029	19 a 24	31
	2.1228/2.1236	2.2410/2.2418	0.0586	0.7260	0.0007/0.0033	19 a 24	
1-2-4-5	2.2482/2.2490	2.4412/2.4420	0.0960	0.8900	0.0005/0.0029	60 a 70	
3	2.2482/2.2490	2.4412/2.4420	0.0960	1.1330	0.0005/0.0029	60 a 70	
1-2-4-5	2.2482/2.2490	2.4412/2.4420	0.0960	0.8900	0.0005/0.0029	60 a 70	
3	2.2482/2.2490	2.4412/2.4420	0.0960		0.0005/0.0029	60 a 70	
Cojinete de ceja contiene sobremedida axial .010"/Flange Bearing with a .010" axial oversize							
1-2-4-5	2.2482/2.2490	2.4412/2.4420	0.0960	0.8900	0.0005/0.0029	60 a 70	
3	2.2482/2.2490	2.4412/2.4420	0.0960		0.0005/0.0029	60 a 70	
Cojinete de ceja contiene sobremedida axial .020"/Flange Bearing with a .020" axial oversize							
1-2-4-5	2.2482/2.2490	2.4412/2.4420	0.0960	0.8900	0.0005/0.0029	60 a 70	
3	2.2482/2.2490	2.4412/2.4420	0.0960		0.0005/0.0029	60 a 70	
Cojinete de ceja contiene sobremedida axial .030"/Flange Bearing with a .030" axial oversize							
1	2.0805/2.0815	2.2041/2.2051	0.0608	0.6700	0.0010/0.0050		
2	2.0655/2.0665	2.1890/2.1900	0.0608	0.6700	0.0010/0.0050		
3	2.0505/2.0515	2.1740/2.1750	0.0608	0.6700	0.0010/0.0050		
4	2.0355/2.0365	2.1590/2.1600	0.0608	0.6700	0.0010/0.0050		
5	2.0205/2.0215	2.1440/2.1450	0.0608	0.6700	0.0010/0.0050		
	2.4380/2.4388	2.5907/2.5915	0.0760	0.7340	0.0005/0.0030	45 a 50	32
1-2-4-5	2.7484/2.7492	2.9412/2.9420	0.0961	0.9120	0.0005/0.0032	95 a 105	
3	2.7484/2.7492	2.9412/2.9420	0.0957	1.1180	0.0009/0.0035	95 a 105	
1-2-4-5	2.7484/2.7492	2.9412/2.9420	0.0961	0.9120	0.0005/0.0032	95 a 105	
3	2.7484/2.7492	2.9412/2.9420	0.0961	1.1180	0.0005/0.0032	95 a 105	
1	2.1238/2.1248	2.3095/2.3105	0.0919	0.6300	0.0010/0.0050		
2	2.1238/2.1248	2.2945/2.2955	0.0844	0.6300	0.0010/0.0050		
3	2.1238/2.1248	2.2795/2.2805	0.0769	0.6300	0.0010/0.0050		
4	2.1238/2.1248	2.2645/2.2655	0.0694	0.6300	0.0010/0.0050		
5	2.1238/2.1248	2.2495/2.2505	0.0619	0.5700	0.0010/0.0050		
	2.0859/2.0867	2.2388/2.2396	0.0759	0.8270	0.0011/0.0023	23 + 90°	33
	2.0859/2.0867	2.2408/2.2416	0.7690	0.8270	0.0011/0.0023	23 + 90°	
1	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0003/0.0032	24 + 90°	
2-3-4-5	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0003/0.0032	24 + 90°	
1-2-3-4-5	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0005/0.0025	24 + 90°	
5				0.1151			
		0.8664/0.8668	0.0525	0.9350			

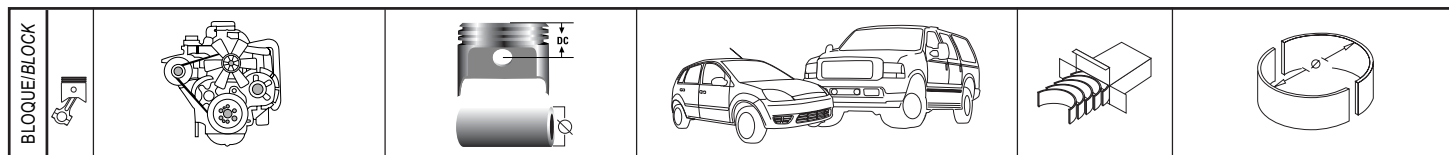


34	V8	351 (5.8 L) Cleveland LPG (1971-74) 351 (5.8 L) 351C Cleveland (1970-74) 351 (5.8 L) Boss Cleveland (1971) 351 (5.8 L) Cobra Jet (1973-74) 351 (5.8 L) High Output (1972)	4.000 in/101.6 mm x 3.500 in/88.9 mm	COUGAR, CUSTOM, CYCLONE, GALAXIE, MONTEGO, MONTERREY, MUSTANG	CB 927 P STD, 10, 20, 30, 40
					SH 710 S STD, 10*, 20*, 30* SH 710 SH 511 SH 512 SH 513 SH 514
35	V8	351 (5.8 L) Windsor LPG (1969-94) 351 (5.8 L) 351W Windsor (1969-98) 351 (5.8 L) High Output (1995) 351 (5.8 L) High Performance (1963-96) 335 (5.5 L) Mex (1969-86)	351- 4.000 in/101.6 mm x 3.500 in/88.9 mm	CLUB WAGON E100, E200, E350, CUSTOM 500, CONTINENTAL, COUGAR, CROWN VICTORIA, CYCLONE, ECONOLINE, F100, F150, F250, F350, GALAXIE, GRANADA, LTD, MARQUIS, MONTEGO, MONTERREY, MUSTANG, RANCHERO	CB 831 P STD, 10, 20, 30, 40, 50, 60
					MS 981 P STD, 10, 20, 30, 40, 50, 60 MB 2557 P (1969-76) MB 2558 P (F)
					MS 1432 P STD, 10, 20, 30, 40 MB 2754 P (1977-98) MB 2558 P (F)
					MS 5189 P 10, 20, 30, 40 MB 2754 P MB 5055 P (F)
					MS 5190 P 10, 20, 30, 40 MB 2754 P MB 5056 P (F)
					MS 5191 P 10, 20, 30, 40 MB 2754 P MB 5057 P (F)
					SH 510 S STD, 10*, 30* SH 510 SH 511 SH 512 SH 513 SH 514
36	V8	351 (5.8 L) 351M (1975-82) 351 (5.8 L) 351M LPG (1975-82) 400 (6.6 L) LPG (1972-82) 400 (6.6 L) OHV (1971-82)	351- 4.000 in/101.6 mm x 3.500 in/88.9 mm 400- 4.000 in/101.6 mm x 4.000 in/101.6 mm	CLUB WAGON E100, E200, CONTINENTAL, COUGAR, CUSTOM, ECONOLINE E100, E150, E250, E350, F100, F150, F350, GRAN TORINO, MONTEGO, MONTERREY, SUPER WAGON, TORINO	CB 927 P STD, 10, 20, 30, 40
					MS 981 P STD, 10, 20, 30, 40, 50, 60 MB 2557 P (1971-76) MB 2558 P (F)
					MS 1432 P STD, 10, 20, 30, 40 MB 2754 P (1977-82) MB 2558 P (F)
					SH 710 S STD, 10*, 20*, 30* SH 710 SH 511 SH 512 SH 513 SH 514

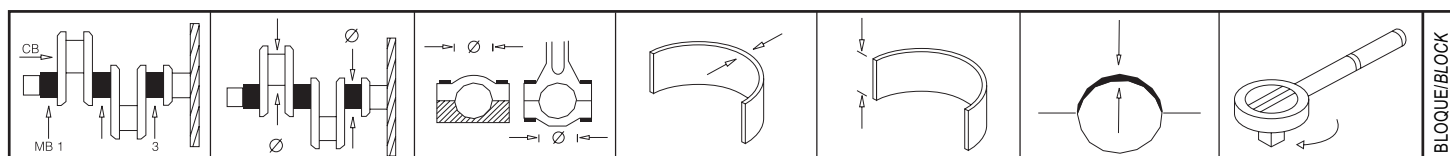


BLOQUE/BLOCK

	2.3103/3.3111	2.4361/2.4369	0.0625	0.7260	0.0005/0.0031	40 a 45	34
1	2.1240/2.1250	2.2495/2.2505	0.0619	0.6700	0.0005/0.0045		
2	2.0655/2.0665	2.1890/2.1900	0.0608	0.6700	0.0010/0.0050		
3	2.0505/2.0515	2.1740/2.1750	0.0608	0.6700	0.0010/0.0050		
4	2.0355/2.0365	2.1590/2.1600	0.0608	0.6700	0.0010/0.0050		
5	2.0205/2.0215	2.1440/2.1450	0.0608	0.6700	0.0010/0.0050		
	2.3103/3.3111	2.4265/2.4273	0.0577	0.7260	0.0005/0.0031	40 a 45	35
1-2-4-5	2.2994/3.0002	3.1922/3.1930	0.0960	0.8400	0.0005/0.0029	95 a 105	
3	2.2994/3.0002	3.1922/3.1930	0.0960	1.1330	0.0005/0.0029	95 a 105	
1-2-4-5	2.2994/3.0002	3.1922/3.1930	0.0960	0.8400	0.0005/0.0029	95 a 105	
3	2.2994/3.0002	3.1922/3.1930	0.0960	1.1330	0.0005/0.0029	95 a 105	
1-2-4-5	2.2994/3.0002	3.1922/3.1930	0.0960	0.8400	0.0005/0.0029	95 a 105	
3	2.2994/3.0002	3.1922/3.1930	0.0960	0.8400	0.0005/0.0029	95 a 105	
Cojinete de ceja contiene sobremedida axial .010"/Flange Bearing with a .010" axial oversize							
1-2-4-5	2.2994/3.0002	3.1922/3.1930	0.0960	0.8400	0.0005/0.0029	95 a 105	
3	2.2994/3.0002	3.1922/3.1930	0.0960	0.8400	0.0005/0.0029	95 a 105	
Cojinete de ceja contiene sobremedida axial .020"/Flange Bearing with a .020" axial oversize							
1-2-4-5	2.2994/3.0002	3.1922/3.1930	0.0960	0.8400	0.0005/0.0029	95 a 105	
3	2.2994/3.0002	3.1922/3.1930	0.0960	0.8400	0.0005/0.0029	95 a 105	
Cojinete de ceja contiene sobremedida axial .030"/Flange Bearing with a .030" axial oversize							
1	2.0805/2.0815	2.2041/2.2051	0.0608	0.6700	0.0010/0.0050		
2	2.0655/2.0665	2.1890/2.1900	0.0608	0.6700	0.0010/0.0050		
3	2.0505/2.0515	2.1740/2.1750	0.0608	0.6700	0.0010/0.0050		
4	2.0355/2.0365	2.1590/2.1600	0.0608	0.6700	0.0010/0.0050		
5	2.0205/2.0215	2.1440/2.1450	0.0608	0.6700	0.0010/0.0050		
	2.3103/3.3111	2.4361/2.4369	0.0625	0.7260	0.0005/0.0031	40 a 45	36
1-2-4-5	2.2994/3.0002	3.1922/3.1930	0.0960	0.8400	0.0005/0.0029	95 a 105	
3	2.2994/3.0002	3.1922/3.1930	0.0960	1.1330	0.0005/0.0029	95 a 105	
1-2-4-5	2.2994/3.0002	3.1922/3.1930	0.0960	0.8400	0.0005/0.0029	95 a 105	
3	2.2994/3.0002	3.1922/3.1930	0.0960	1.1330	0.0005/0.0029	95 a 105	
1	2.1240/2.1250	2.2495/2.2505	0.0619	0.6700	0.0005/0.0045		
2	2.0655/2.0665	2.1890/2.1900	0.0608	0.6700	0.0010/0.0050		
3	2.0505/2.0515	2.1740/2.1750	0.0608	0.6700	0.0010/0.0050		
4	2.0355/2.0365	2.1590/2.1600	0.0608	0.6700	0.0010/0.0050		
5	2.0205/2.0215	2.1440/2.1450	0.0608	0.6700	0.0010/0.0050		

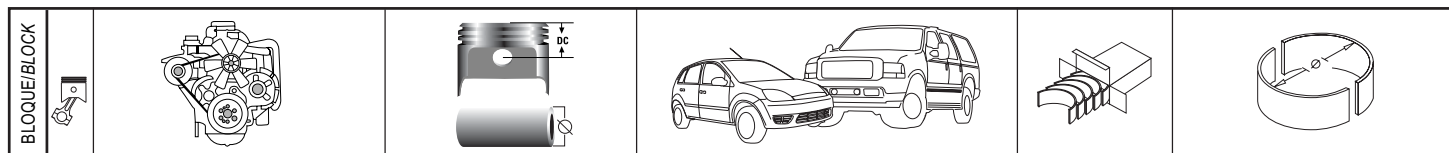


37	V8	359 (5.9 L) OHV (1974-75)	359- 4.050 in/102.9 mm x 3.500 in/88.9 mm	B600, B750, C600, C750, C800, COLONY PARK, COMMUTER, COUGAR, COUNTRY SEDÁN, CYCLONE, F250, F350, F500, F600, F700, F750, F800, GALAXIE 500, L800, LN600, LT800, M450, MARQUIS, MONTEGO, MONTERREY, MUSTANG, P450, RANCHERO, THUNDEBIRD, TORINO	CB 760 P	STD, 10, 20, 30, 40, 50, 60
		360 (5.9 L) (1976)	360- 4.050 in/102.9 mm x 3.500 in/88.9 mm		MS 863 P	STD, 10, 20, 30, 40
		389 (6.4 L) (1975-78)	389- 4.050 in/102.9 mm x 3.781 in/96 mm		MB 2441 P	
		410 (6.7 L) (1966-67)	410- 4.050 in/102.9 mm x 3.984 in/101.2 mm		MB 2442 P (F)	
38	V8	428 (7.0 L) (1966-70)	428- 4.130 in/104.9 mm x 3.984 in/101.2 mm	B600, B750, C800, CLUB WAGON E250, E350, COUGAR, CUSTOM 300, CYCLONE, ECONOLINE E250, E350, F100, F150, F250, F350, F600, F700, F800, FT800, MONTEGO, MONTERREY, MUSTANG, THUNDERBIRD, TORINO	SH 781 S	STD, 10*, 20*, 30*
					SH 781	
					SH 377	
					SH 378	
39	V8	370 (6.1 L) OHV (1979-91)	370- 4.046 in/102.8 mm x 3.590 in/91.2 mm	MARAUDER, MONTERREY, MUSTANG, PARK LANE, THUNDERBIRD	SH 379	
		429 (7.0 L) (1968-97)	429- 4.360 in/110.7 mm x 3.590 in/91.2 mm		SH 380	
		460 (7.5 L) (1968-98)	460- 4.360 in/110.7 mm x 3.850 in/97.8 mm		CB 818 P	STD, 10, 20, 30, 40
					MS 1039 P	STD, 10, 20, 30, 40
40	V10	406 (6.7 L) (1962-63)	406- 4.130 in/104 mm x 3.781 in/96 mm	CLUB WAGON E350, ECONOLINE E350, F350, F450, F550, SUPER DUTY, EXCURSION	MB 2564 P	
		427 (7.0 L) High Performance (1963-68)	427- 4.223 in/107.5 mm x 3.781 in/96 mm		MB 2565 P (F)	
		427 (7.0 L) Super High Output (1963-67)			SH 1111 S	STD
					SH 1111	
41	V10	415 (6.8 L) SOHC Windsor (1997-04) Triton	3.551 in/90.2 mm x 4.161 in/105.7 mm		CB 760 P (1968)	STD, 10, 20, 30, 40, 50, 60
		281 (4.6 L) SOHC VIN W Block de aluminio, Motor Romeo (2002-04) Triton			MS 685 P	STD, 10, 20, 30, 40 (1964-65)
					MB 2441 P	
					MB 2235 P (F)	
42	V10				MS 863 P	STD, 10, 20, 30, 40 (1966-68)
					MB 2441 P	
					MB 2442 P (F)	
					SH 781 S	STD, 10*, 20*, 30*
43	V10				SH 781	
					SH 377	
					SH 378	(1963-65)
					SH 379	
44	V10				SH 380	
					CB 1442 P	STD, 10, 20, 30
					CB 1634 P	10, 20, 30
					Diám. exterior + .002"	
45	V10				MS 7297 P	STD, 10, 20, 30
					MB 4506 P	
					MB 4507 P	
					MB 3139 P	
46	V10				MB 4507 W	
					CLV 3620	SEMI



BLOQUE/BLOCK

	2.4380/2.4388	2.5907/2.5915	0.0760	0.0734	0.0005/0.0030	40 a 45	37
1-2-4-5	2.7484/2.7492	2.9412/2.9420	0.0961	0.9120	0.0005/0.0032	95 a 105	
3	2.7484/2.7492	2.9412/2.9420	0.0961	1.1180	0.0005/0.0032	95 a 105	
1	2.1238/2.1248	2.3095/2.3105	0.0919	0.6300	0.0010/0.0050		
2	2.1238/2.1248	2.2945/2.2955	0.0844	0.6300	0.0010/0.0050		
3	2.1238/2.1248	2.2795/2.2805	0.0769	0.6300	0.0010/0.0050		
4	2.1238/2.1248	2.2645/2.2655	0.0694	0.6300	0.0010/0.0050		
5	2.1238/2.1248	2.2495/2.2505	0.0619	0.6300	0.0010/0.0050		
	2.4992/2.5000	2.6522/2.6530	0.0761	0.8660	0.0005/0.0031	40 a 45	38
1-2-4-5	2.2994/3.0002	3.1922/3.1930	0.0958	0.9500	0.0007/0.0033	95 a 105	
3	2.2994/3.0002	3.1922/3.1930	0.0958	1.1200	0.0007/0.0033	95 a 105	
1-2-3-4-5	2.1238/2.1248	2.2495/2.2505	0.0619	0.6000	0.0010/0.0050		
	2.4380/2.4388	2.5907/2.5915	0.0760	0.0734	0.0005/0.0030	40 a 45	39
1-2-4-5	2.7484/2.7492	2.9412/2.9420	0.0961	0.9120	0.0005/0.0032	95 a 105	
3	2.7484/2.7492	2.9412/2.9420	0.0957	1.1180	0.0009/0.0035	95 a 105	
1-2-4-5	2.7484/2.7492	2.9412/2.9420	0.0961	0.9120	0.0005/0.0032	95 a 105	
3	2.7484/2.7492	2.9412/2.9420	0.0961	1.1180	0.0005/0.0032	95 a 105	
1	2.1238/2.1248	2.3095/2.3105	0.0919	0.6300	0.0010/0.0050		
2	2.1238/2.1348	2.2945/2.2955	0.0844	0.6300	0.0010/0.0050		
3	2.1238/2.1348	2.2795/2.2805	0.0769	0.6300	0.0010/0.0050		
4	2.1238/2.1348	2.2645/2.2655	0.0694	0.6300	0.0010/0.0050		
5	2.1238/2.1348	2.2495/2.2505	0.0619	0.6300	0.0010/0.0050		
	2.0859/2.0867	2.2388/2.2396	0.0759	0.8270	0.0011/0.0023	33 + 90°	
	2.0859/2.0867	2.2408/2.2416	0.7690	0.8270	0.0011/0.0023	33 + 90°	
1	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0003/0.0032		40
2-3-4-5-6	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0003/0.0032		
1-2-3-4-5-6	2.6567/2.6577	2.8504/2.8513	0.0962	0.7580	0.0005/0.0025		
6				0.1151			
		0.8664/0.8668	0.0525	0.9350			

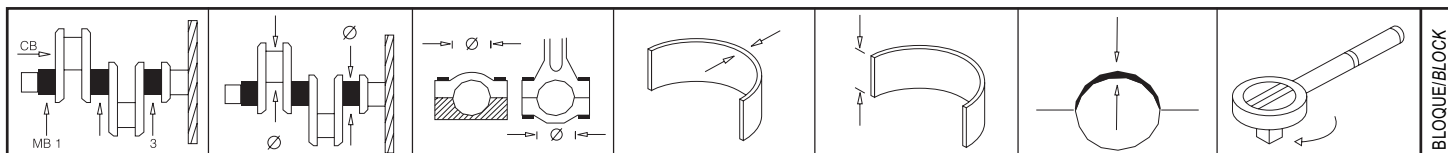


GENERAL MOTORS (BUICK, CADILLAC, CHEVROLET, OLDSMOBILE, PONTIAC)

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
61 CID (1.0 L) LP2 Suzuki (1989-00)	1	134 CID (2.2 L) OHV Chevrolet (1998-02)	12
61 CID (1.0 L) LS2 Suzuki Turbo (1987-93)	1	2254 cc (2.3 L) 4ZD1 SOHC Isuzu (1986-95)	14
61 CID (1.0 L) LY9 Suzuki 3 Cyl. (1985-88)	1	138 CID (2.3 L) DOHC Oldsmobile (1987-96)	13
79 CID (1.3 L) L72 Suzuki (1992-97)	2	138 CID (2.3 L) L40 SOHC Oldsmobile (1992-94)	13
79 CID (1.3 L) LY9 Suzuki (1998)	2	140 CID (2.3 L) (1971-77)	8
1196 cc (1.2 L) Opel (1983-03)	3	146 CID (2.4 L) DOHC Oldsmobile LD9 (1996-02)	15
1296 cc (1.3 L) Opel (1979-03)	3	151 CID (2.5 L) Pontiac VIN 2, A, E, R (1982-93)	16
1389 cc (1.4 L) Opel (1990-03)	3	151 CID (2.5 L) Pontiac (1977-84)	17
1598 cc (1.6 L) Opel (1987-03)	3	153 CID (2.5 L) (1962-70)	18
85 CID (1.4 L) LX3 (1976-77)	4	1817 cc (1.8 L) SOHC Isuzu (1972-82)	9
98 CID (1.6 L) (1976-87)	4	173 CID (2.8 L) (1980-93)	19
98 CID (1.6 L) L73 Daewoo (1988-93)	5	173 CID (2.8 L) LPG (1980-85)	20
98 CID (1.6 L) LC9 SOHC Toyota (1985-88)	6	173 CID (2.8 L) Meth (1987-89)	20
98 CID (1.6 L) LO1 DOHC Toyota (1976-87)	7	181 CID (3.0 L) Buick (1982-88)	21
98 CID (1.6 L) LWO DOHC (1988-92)	7	189 CID (3.1 L) (1988-04)	22
1817 cc (1.8 L) SOHC Isuzu (1972-82)	9	189 CID (3.1 L) Turbo (1989-90)	22
112 CID (1.8 L) L46 (1982)	8	189 CID (3.1 L) LPG (1988-93)	22
119 CID (1.9 L) LR1 SOHC Isuzu (1982-85)	9	194 CID (3.2 L) (1962-67)	23
121 CID (2.0 L) OHV (1987-89)	8	196 CID (3.2 L) LC9 Buick (1978-79)	24
121 CID (2.0 L) LQ2 (1983-84)	8	198 CID (3.2 L) Buick (1962-63)	25
122 CID (2.0 L) (1975-89)	8	200 CID (3.3 L) L26 (1978-79)	26
2200 cc (2.2 L) OHC Pontiac (1987-00)	10	204 CID (3.3 L) LG7 Buick (1989-93)	27
122 CID (2.0 L) OHC Pontiac (1987-94)	10	207 CID (3.4 L) LA1 (1996-03)	22
122 CID (2.0 L) OHC Pontiac Turbo (1987-90)	10	207 CID (3.4 L) LQ1 DOHC (1991-97)	28
134 CID (2.2 L) LM3 (1990-91)	11	215 CID (3.5 L) Pontiac (1964-65)	23
134 CID (2.2 L) OHV (1992-97)	11	225 CID (3.7 L) Buick (1964-67)	29

1	L3	61 (1.0 L) LP2 Suzuki (1989-00)	2.913 in/74 mm x	FIREFLY, METRO, SPRINT	CB 1401 P	STD, 10, 20, 30
		61 (1.0 L) LS2 Suzuki Turbo (1987-93)	3.031 in/77 mm		MS 1708 P	STD, 10, 20, 30
		61 (1.0 L) LY9 Suzuki 3 Cyl. (1985-88)			MB 3172 P	
2	L4	79 (1.3 L) L72 Suzuki (1992-97)	2.913 in/74 mm x	FIREFLY, METRO	TW 455 S	STD
		79 (1.3 L) LY9 Suzuki (1998)	2.913 in/75.5 mm		MB 3172 W	
					CB 1401 P	STD, 10, 20, 30
3	L4	1196 cc (1.2 L) Opel (1983-03)	1196- 72 mm x 73.4 mm	CHEVY, CHEVY 2, CHEVY PICK UP, CORSA, ASTRA, ZAFIRA, VECTRA, KADETT	MS 1779 P	STD, 10, 20, 30
		1296 cc (1.3 L) Opel (1979-03)	1296- 75 mm x 73.4 mm		MB 3172 P	
		1389 cc (1.4 L) Opel (1990-03)	1389- 77.6 mm x 73.4 mm		TW 455 S	STD
		1598 cc (1.6 L) Opel (1987-03)	1598- 79 mm x 81.5 mm		MB 3172 W	
					CB 1451 P	STD, 10, 20, 30
					MS 1545 P	STD, 10, 20, 30
					MB 2785 P	
					MB 2786 P (F)	

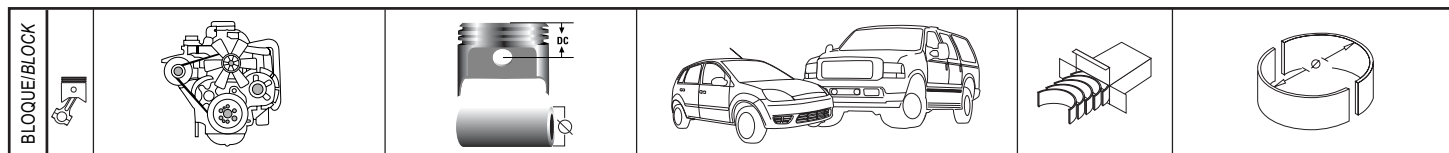


GENERAL MOTORS (BUICK, CADILLAC, CHEVROLET, OLDSMOBILE, PONTIAC)

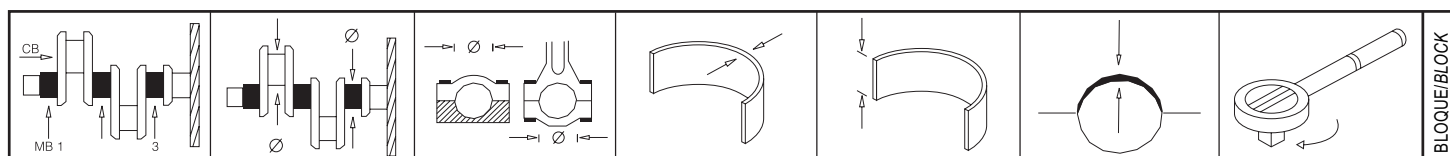
ÍNDICE DE MOTORES/ENGINE INDEX

6 CILINDROS/6 CYLINDERS		8 CILINDROS/8 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
229 CID (3.8 L) (1980)	26	294 CID (4.8 L) Vortec LRA (1999-03)	42
229 CID (3.8 L) LC3 (1980-84)	26	325 CID (5.3 L) Vortec L59, LM7, LS1 (1997-02)	42
231 CID (3.8 L) Carbureted Buick (1975-87)	31	300 CID (4.9 L) L26 Cadillac (1991-95)	36
231 CID (3.8 L) Súper cargado Buick (1991-03)	31	300 CID (4.9 L) Buick (1964-67)	41
230 CID (3.8 L) OHC Pontiac (1966-67)	30	301 CID (4.9 L) Pontiac (1997-81)	40
231 CID (3.8 L) Buick (1995-03)	23	302 CID (5.0 L) (1967-69)	39
231 CID (3.8 L) Buick Turbo (1978-89)	21	305 CID (5.0 L) (1976-02)	38
252 CID (4.1 L) LC4 Buick (1980-84)	24	307 CID (5.0 L) (1980-90)	37
262 CID (4.3 L) (1985-96)	33	327 CID (5.4 L) (1962-69)	39
262 CID (4.3 L) LB4 ZR9/Z79 Turbo (1991-93)	33	327 CID (5.4 L) LPG (1962-69)	39
265 CID (4.3 L) (1955-57)	39	327 CID (5.4 L) (1962-69)	39
265 CID (4.3 L) LSS Pontiac (1980-81)	40	330 CID (5.4 L) OHV Oldsmobile (1964-67)	43
262 CID (4.3 L) Vortec 4300 (1992-03)	33	340 CID (5.6 L) Buick (1966-67)	40
283 CID (4.6 L) (1957-67)	39	350 CID (5.7 L) Oldsmobile (1968-80)	43
292 CID (4.8 L) (1963-89)	34	350 CID (5.7 L) Buick (1968-81)	44
8 CILINDROS/8 CYLINDERS		366 CID (6.0 L) (1966-98)	45
215 CID (3.5 L) Buick (1961-63)	35	396 CID (6.6 L) (1965-71)	45
250 CID (4.1 L) (1966-84)	32	400 CID (6.6 L) (1970-80)	46
250 CID (4.1 L) (1995-05)	32	402 CID (6.6 L) L47, LS3 (1970-72)	47
252 CID (4.1 L) Cadillac (1982-88)	36	403 CID (6.6 L) L80 Oldsmobile (1977-79)	43
260 CID (4.3 L) LF8 Oldsmobile (1975-82)	37	425 CID (7.0 L) LPG (1966-89)	45
262 CID (4.3 L) (1975-76)	38	427 CID (7.0 L) (1966-98)	45
265 CID (4.3 L) L99 (1994-96)	38	454 CID (7.4 L) (1970-00)	47
267 CID (4.4 L) (1980)	38	454 CID (7.4 L) LPG (1970-76)	47
267 CID (4.4 L) L39 (1979-82)	38	454 CID (7.4 L) LP4 LPG (1999-00)	47
273 CID (4.5 L) Cadillac (1988-92)	36	496 CID/8135 cc (8.1 L) Vortec L18 OHV (2001-02)	48

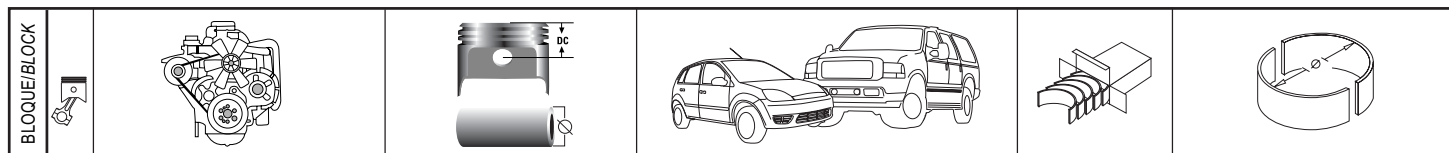
	1.6535/1.6543	1.7717/1.7724	0.0587	0.7130	0.0008/0.0027	24 a 27	1
1-2-3-4	1.7717/1.7724	1.9291/1.9298	0.0787	0.7080	0.0008/0.0027	36 a 41	
3	2.0472	2.6772		0.0990			
	1.6535/1.6543	1.7717/1.7724	0.0587	0.7130	0.0008/0.0027	24 a 27	2
1-2-3-4-5	1.7717/1.7724	1.9291/1.9298	0.0787	0.7080	0.0008/0.0027	36 a 41	
3	2.0472	2.6772		0.0990			
	1.6918/1.6924	1.8110/1.8115	0.0589	0.6530	0.0005/0.0025	15 a 17	3
1-2-4-5	2.1643/2.1648	2.3228/2.3233	0.0788	0.7677	0.0010/0.0025	51 a 53	
3	2.1643/2.1648	2.3228/2.3233	0.0788	1.0197	0.0010/0.0025	51 a 53	



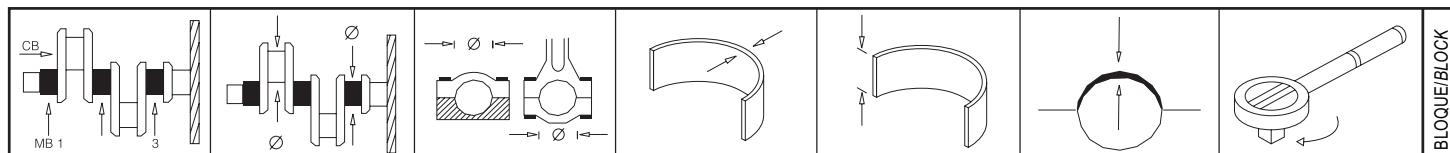
4	L4	85 (1.4 L) LX3 (1976-77) 98 (1.6 L) (1976-87)	85- 3.228 in/82 mm x 2.598 in/66 mm 98- 3.228 in/82 mm x 2.992 in/76 mm	ACADIAN, CHEVETTE, T1000	CB 1216 P STD, 10, 20, 30, 40	
					MS 1424 P STD, 10, 20, 30 MB 2737 P MB 2738 P (F)	
5	L4	98 (1.6 L) L73 Daewoo (1988-93)	3.110 in/79 mm x 3.228 in/82 mm	LE MANS	CB 1451 P STD, 10, 20, 30	
6	L4	98 (1.6 L) LC9 SOHC Toyota (1985-88)	3.189 in/81 mm x 3.031 in/77 mm	NOVA	CB 1361 P STD, 10, 20, 30	
					MS 1638 P STD, 10, 20, 30 MB 2998 P	
					TW 401 S STD MB 2965 W	
7	L4	98 (1.6 L) LO1 DOHC Toyota (1989-97) 98 (1.6 L) LW0 DOHC Toyota (1988-92)	3.189 in/81 mm x 3.031 in/77 mm	NOVA, PRIZM	CB 1474 P STD, 10, 20, 30	
					MS 1638 P STD, 10, 20, 30 MB 2998 P	
					TW 401 S STD MB 2965 W	
8	L4	112 (1.8 L) L46 (1982) 121 (2.0 L) LQ2 (1983-84) 122 (2.0 L) (1975-89) 140 (2.3 L) (1971-77)	3.504 in/89 mm x 3.150 in/80 mm	CAVALIER, CIMARRON, MONZA, BERETTA, FIRENZE, S10, S15, SUNBIRD, CORSICA, TEMPEST, VEGA, SKYHAWK	CB 745 P STD, 10, 20, 30, 40, 50, 60	
					SH 1365 S STD SH 1365 SH 1364 SH 1363	
9	L4	1817 cc (1.8 L) SOHC Isuzu (1972-82) 119 (1.9 L) LR1 SOHC Isuzu (1982-85)	1817- 3.504 in/89 mm x 2.913 in/74 mm 119- 3.425 in/87 mm x 3.228 in/82 mm	LUV, S10, S15	CB 1654 P STD, 10, 20, 30, 40	
					MS 1298 P STD, 10, 20, 30 MB 974 P MB 975 P	
					TW 451 S STD MB 3061 P	
					CA 102 S STD MIA-1-3 (U) MIA-1-1 (U) MIA-1-4 (L)	
10	L4	122 CID (2.0 L) OHC Pontiac (1987-94) 122 CID (2.0 L) OHC Pontiac Turbo (1987-90) 2200 cc (2.2 L) OHC Pontiac (1987-02)	3.386 in/86 mm x 3.385 in/86 mm	LUV, LE MANS, OPTIMA, SKYHAWK, SUNBIRD	CB 1408 P STD, .25 mm, .50 mm, .75 mm	
					MS 2068 P STD, .25 mm, .50 mm MB 2791 P MB 3565 P (F)	
11	L4	134 (2.2 L) LM3 (1990-91) 134 (2.2 L) OHV (1992-97)	3.504 in/89 mm x 3.465 in/88 mm	BERETTA, CAVALIER, CORSICA, TEMPEST, CUTLASS, S10, SONOMA, SUNFIRE	CB 745 P STD, 10, 20, 30, 40, 50, 60	
					MS 1704 P STD, 10, 20, 30 MB 2854 P MB 2883 P (F)	
					SH 1365 S STD SH 1365 SH 1364 SH 1363	



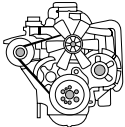
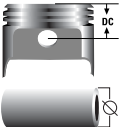
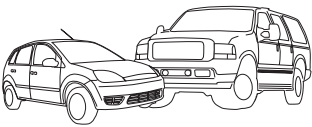
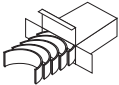
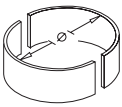
	1.8094/1.8104	1.9290/1.9296	0.0589	0.7500	0.0014/0.0035	40	4
1-2-3-4	2.0078/2.0088	2.1648/2.1658	0.0777	0.7080	0.0009/0.0035	50	
5	2.0074/2.0084	2.1648/2.1658	0.0778	0.9410	0.0016/0.0042	50	5
	1.6918/1.6924	1.8110/1.8115	0.0590	0.6550	0.0005/0.0020	18 + 30°	
	1.5742/1.5748	1.6928/1.6938	0.0586	0.6730	0.0007/0.0032	36	6
1-2-3-4-5	1.8892/1.8898	2.0482/2.0492	0.0789	0.7830	0.0006/0.0032	44	
	2.1102/2.1220	2.5827/2.5945		0.0980			7
	1.6529/1.6535	1.7717/1.7726	0.0587	0.6690	0.0008/0.0032	36	
1-2-3-4-5	1.8892/1.8898	2.0482/2.0492	0.0789	0.7830	0.0006/0.0032	44	8
	2.1102/2.1220	2.5827/2.5945		0.0980			
	1.9990/2.0000	2.1247/2.1252	0.0621	0.8420	0.0010/0.0035	34 a 40	9
1	1.8677/1.8697	2.0190/2.0200	0.0742	0.6340	0.0015/0.0041		
2-5	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		10
3-4	1.8677/1.8697	1.9990/2.0010	0.0640	0.6340	0.0015/0.0041		
	1.9262/1.9268	2.0466/2.0472	0.0596	0.8460	0.0005/0.0021	43	11
1-3-5	2.2016/2.2022	2.3220/2.3228	0.0596	1.2600	0.0009/0.0039	72	
2-4	2.2016/2.2022	2.3220/2.3228	0.0596	0.8270	0.0009/0.0039	72	12
	2.5197	3.1575		0.0930			
1		1.4225	0.0422	0.7950			13
2-3-4-5		1.4225	0.0422	0.7950			
1-2-3-4-5		1.4225	0.0422	0.7950			14
	1.9279/1.9286	2.0472/2.0477	0.0590	0.7600	0.0006/0.0028	26	
1-2-4-5	2.2828/2.2833	2.4409/2.4415	0.0780	0.7580	0.0009/0.0025	44	15
3	2.2828/2.2833	2.4409/2.4415	0.0780	0.7580	0.0009/0.0025	44	
	1.9990/2.0000	2.1247/2.1252	0.0621	0.8420	0.0010/0.0035	38	16
1-2-3-5	2.4944/2.4954	2.6870/2.6880	0.0955	0.7420	0.0009/0.0039	70	
4	2.4944/2.4954	2.6870/2.6880	0.0955	0.9420	0.0009/0.0039	70	17
1	1.8677/1.8697	2.0190/2.0200	0.0742	0.6340	0.0015/0.0041		
2-5	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		18
3-4	1.8677/1.8697	1.9990/2.0010	0.0640	0.6340	0.0015/0.0041		



12	L4	134 (2.2 L) OHV Chevrolet (1998-02)	3.504 in/89 mm x 3.465 in/88 mm	S10, SUNFIRE	CB 745 P	STD, 10, 20, 30, 40, 50, 60
					MS 2205 P MB 2854 P MB 3749 P MB 2883 P (F)	STD, 10, 20
13	L4	138 (2.3 L) DOHC Oldsmobile (1987-96) 138 (2.3 L) L40 SOHC Oldsmobile (1992-94)	3.662 in/92 mm x 3.346 in/85 mm	ACHIEVA, BERETTA, CALAIS, CORSICA, GRAND AM, GRAND PRIX, SILHOUETTE, SOMERSET, SUNFIRE	SH 1365 S	STD
					SH 1365 SH 1364 SH 1363	
14	L4	2254 cc (2.3 L) 4ZD1 SOHC Isuzu (1986-95)	3.516 in/88 mm x 3.543 in/90 mm	LUV	CB 1388 P	STD, 10, 20, 30, 40
					MS 1703 P MB 3084 P MB 3085 P (F)	STD, 10, 20, 30
15	L4	146 (2.4 L) DOHC Oldsmobile LD9 (1996-02)	3.543 in/90 mm x 3.701 in/94 mm	CAVALIER, SUNFIRE, ACHIEVA, GRAND AM, SKYLARK	CB 1654 P	STD, 10, 20, 30, 40
					MS 1775 P MB 3061 P	STD, 10, 20, 30
16	L4	151 (2.5 L) Pontiac VIN 2, A, E, R (1982-93)	4.000 in/101.6 mm x 3.000 in/76.2 mm	ASTRO, CALAIS, CAMARO, CELEBRITY, CENTURY, CITATION, CUTLASS, GRAND AM, FIREBIRD, OMEGA, LUMINA, SONOMA, SAFARI PHOENIX, SKYLARK, S10, S15	TW 451 S MB 3061 P	STD
					CB 1647 P MS 2056 P MB 3514 P MB 3515 P (F)	STD, .25 mm, .50 mm, .75 mm STD, .25 mm, .50 mm, .75 mm
17	L4	151 (2.5 L) Pontiac (1977-84)	4.000 in/101.6 mm x 3.000 in/76.2 mm	ASTRO, CAMARO, CELEBRITY, CENTURY, CITATION, FIREBIRD, MONZA, OMEGA, PHOENIX, SKYLARK, STARFIRE	CB 610 P	STD, 10, 20, 30, 40
					MS 1733 P MB 3135 P MB 2588 P (F)	STD, 10, 20, 30
18	L4	153 (2.5 L) (1962-70)	3.875 in/98.4 mm x 3.250 in/82.6 mm	CHEVY II, G10, NOVA, P1000	SH 1030 S SH 400	STD, 10*, 20*, 30*
					CB 610 P MS 616 P MB 2159 P MB 2160 P (F)	STD, 10, 20, 30, 40 STD, 10, 20, 30, 40, 50, 60
19	L4	153 (2.5 L) (1962-70)	3.875 in/98.4 mm x 3.250 in/82.6 mm	CHEVY II, G10, NOVA, P1000	SH 1030 S SH 400	STD, 10*, 20*, 30*
					CB 745 P MS 616 P MB 2159 P MB 2160 P (F)	STD, 10, 20, 30, 40, 50, 60 STD, 10, 20, 30, 40, 50, 60
20	L4	153 (2.5 L) (1962-70)	3.875 in/98.4 mm x 3.250 in/82.6 mm	CHEVY II, G10, NOVA, P1000	SH 400 S SH 399 SH 400	STD

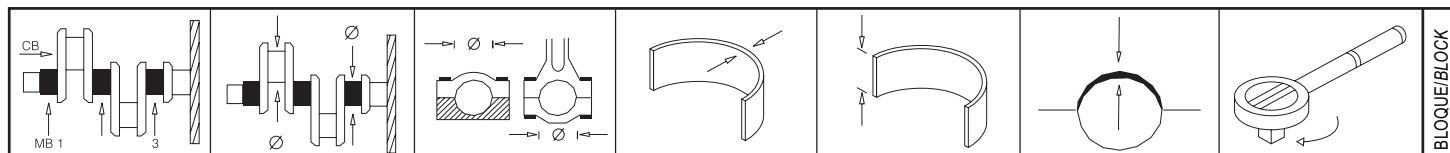


	1.9990/2.0000	2.1247/2.1252	0.0621	0.8420	0.0010/0.0035	38	12
1-2-3	2.4944/2.4954	2.6870/2.6880	0.0955	0.7420	0.0009/0.0039	70	
3							
4	2.4944/2.4954	2.6870/2.6880	0.0955	0.7420	0.0009/0.0039	70	
1	1.8677/1.8697	2.0190/2.0200	0.0742	0.6340	0.0015/0.0041		
2-5	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		13
3-4	1.8677/1.8697	1.9990/2.0010	0.0640	0.6340	0.0015/0.0041		
	1.8887/1.8897	2.0144/2.0154	0.0623	0.8960	0.0005/0.0020	18 + 90°	
1-2-4-5	2.0470/2.2.0480	2.2352/2.2362	0.0936	0.8370	0.0005/0.0020	15 + 90°	
3	2.0470/2.2.0480	2.2352/2.2362	0.0936	1.0930	0.0005/0.0020	15 + 90°	
	1.9262/1.9268	2.0466/2.0472	0.0596	0.8460	0.0012/0.0040	33	14
1-3-4-5	2.2016/2.2020	2.3612/2.3622	0.0596	0.8660	0.0013/0.0028	72	
3	2.5197	3.1575		0.0930			
	1.8871/1.8897	2.0147/2.0152	0.0623	0.7200	0.0009/0.0034		
1-2-4-5	2.3626/2.3634	2.5502/2.5512	0.0936	0.7870	0.0004/0.0029		
3	2.3626/2.3634	2.5502/2.5512	0.0936	1.0920	0.0004/0.0029		16
	1.9995/2.0005	2.1247/2.1252	0.0620	0.7420	0.0007/0.0032	30	
1-2-3-4	2.2983/2.2993	2.4906/2.4916	0.0955	0.8070	0.0006/0.0036	65	
5	2.2983/2.2993	2.4906/2.4916	0.0955	1.0090	0.0006/0.0036	65	
1-2-3	1.8682/1.8692	1.9990/2.0010	0.0647	0.8700	0.0005/0.0050		
	1.9995/2.0005	2.1247/2.1252	0.0620	0.7420	0.0007/0.0032	30	17
1-2-3	2.2983/2.2993	2.4906/2.4916	0.0955	0.8070	0.0006/0.0036	45 a 55	
5	2.2983/2.2993	2.4906/2.4916	0.0955	1.0090	0.0006/0.0036	45 a 55	
1-2-3	1.8682/1.8692	1.9990/2.0010	0.0647	0.8700	0.0005/0.0050		
	1.9990/2.0000	2.1247/2.1252	0.0621	0.8420	0.0010/0.0035	30 a 35	
1-2-3	2.2983/2.2993	2.4906/2.4916	0.0955	0.8070	0.0006/0.0036	45 a 55	18
5	2.2983/2.2993	2.4906/2.4916	0.0955	1.0090	0.0006/0.0036	45 a 55	
1-2	1.8682/1.8692	1.9990/2.0010	0.0647	0.8700	0.0005/0.0050		
3	1.8682/1.8692	2.0090/2.0110	0.0697	0.8700	0.0005/0.0050		

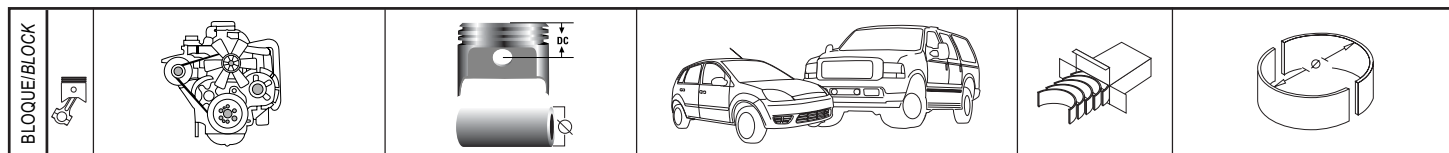
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19	V6	173 (2.8 L) (1980-93) Muñón de 67 mm	3.504 in/89 mm x 2.992 in/76 mm	6000, CAVALIER, CELEBRITY, CENTURY, CITATION, CORSICA, CUTLASS, FIERO, FIREBIRD, FIRENZE, GRAND PRIX, PHOENIX, S10, S15, SKYLARK, SONOMA, TEMPEST	CB 1238 P	STD, 10, 20, 30, 40
					MS 2037 P	STD, 10, 20, 30
					MB 3511 P MB 3512 P MB 3143 P (F)	
					SH 1102 S	STD, 10*
20	V6	173 (2.8 L) (1980-85) Muñón de 63.3 mm	3.504 in/89 mm x 2.992 in/76 mm	6000, CAVALIER, CELEBRITY, CENTURY, CITATION, CORSICA, CUTLASS, FIERO, FIREBIRD, FIRENZE, GRAND PRIX, PHOENIX, S10, S15, SKYLARK, SONOMA, TEMPEST	SH 1102 SH 1103 SH 1104	
					SH 1364 S	STD
					SH 1362 SH 1363 SH 1364	
					CB 1238 P	STD, 10, 20, 30, 40
21	V6	181 (3.0 L) Buick (1982-88) 231 (3.8 L) Buick (1978-89)	181- 3.800 in/96.5 mm x 2.660 in/67.6 mm 231- 3.800 in/96.5 mm x 3.400 in/86.4 mm	CALAIS, CENTURY, CUTLASS, ELECTRA, FIREBIRD, GRAND AM, LESABRE, MONTE CARLO, NINETY EIGHT, SKYLARK, SOMERSET	MS 1494 P	STD, 10, 20, 30, 40
					MB 2806 P MB 2807 P MB 2808 P (F) MB 2809 P	
					SH 1102 S	STD, 10*
					SH 1102 SH 1103 SH 1104	
21	V6	181 (3.0 L) Buick (1982-88) 231 (3.8 L) Buick (1978-89)	181- 3.800 in/96.5 mm x 2.660 in/67.6 mm 231- 3.800 in/96.5 mm x 3.400 in/86.4 mm	CALAIS, CENTURY, CUTLASS, ELECTRA, FIREBIRD, GRAND AM, LESABRE, MONTE CARLO, NINETY EIGHT, SKYLARK, SOMERSET	SH 1364 S	STD
					SH 1362 SH 1363 SH 1364	
					CB 1228 P	STD, 10, 20, 30, 40
					MS 960 P	STD, 10, 20, 30, 40
21	V6	181 (3.0 L) Buick (1982-88) 231 (3.8 L) Buick (1978-89)	181- 3.800 in/96.5 mm x 2.660 in/67.6 mm 231- 3.800 in/96.5 mm x 3.400 in/86.4 mm	CALAIS, CENTURY, CUTLASS, ELECTRA, FIREBIRD, GRAND AM, LESABRE, MONTE CARLO, NINETY EIGHT, SKYLARK, SOMERSET	MB 2433 P MB 2434 P (F) MB 2491 P	
					SH 1031 S	STD, 10* (1978-85)
					SH 679 SH 680	
					SH 1385 S	STD (1978-85) (14 tornillos)
21	V6	181 (3.0 L) Buick (1982-88) 231 (3.8 L) Buick (1978-89)	181- 3.800 in/96.5 mm x 2.660 in/67.6 mm 231- 3.800 in/96.5 mm x 3.400 in/86.4 mm	CALAIS, CENTURY, CUTLASS, ELECTRA, FIREBIRD, GRAND AM, LESABRE, MONTE CARLO, NINETY EIGHT, SKYLARK, SOMERSET	SH 1448 S	STD (1986-89) (20 tornillos)
					SH 1448 SH 1361	

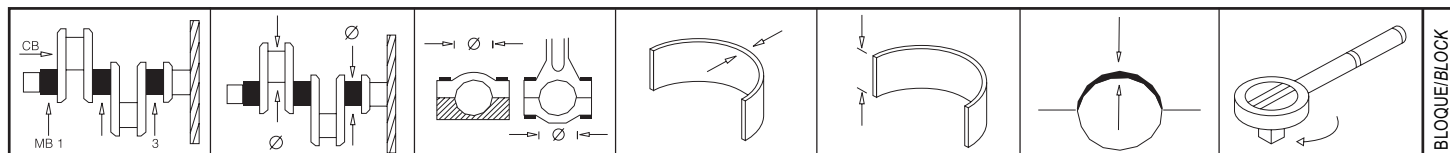
* Producto disponible hasta agotar existencias./Until existence are available.



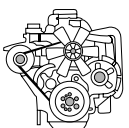
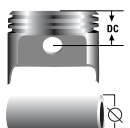
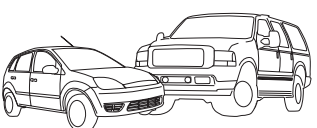
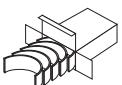
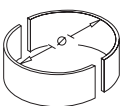
	1.9984/1.9994	2.1245/2.1255	0.0623	0.7210	0.0010/0.0036	34 a 40	19
1-4	2.6473/2.6479	2.8407/2.8412	0.0958	0.9770	0.0015/0.0036	63 a 74	
2	2.6473/2.6479	2.8407/2.8412	0.0958	0.7380	0.0015/0.0036	63 a 74	
3	2.6473/2.6479	2.8407/2.8412	0.0958	0.9420	0.0015/0.0036	63 a 74	
1	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		
2-3	1.8677/1.8697	1.9990/2.0010	0.0690	0.6340	0.0015/0.0041		
4	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		
1	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		
2-3	1.8677/1.8697	1.9990/2.0010	0.0640	0.6940	0.0015/0.0041		
4	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		
	1.9984/1.9994	2.1245/2.1255	0.0623	0.7210	0.0010/0.0036	34 a 40	20
1	2.4937/2.4946	2.6870/2.6880	0.0958	0.9700	0.0011/0.0040	63 a 74	
2	2.4937/2.4946	2.6870/2.6880	0.0958	0.7420	0.0011/0.0040	63 a 74	
3	2.4937/2.4946	2.6870/2.6880	0.0958	0.9420	0.0011/0.0040	63 a 74	
4	2.4937/2.4946	2.6870/2.6880	0.0958	1.2480	0.0011/0.0040	63 a 74	
1	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		
2-3	1.8677/1.8697	1.9990/2.0010	0.0690	0.6340	0.0015/0.0041		
4	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		
1	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		
2-3	1.8677/1.8697	1.9990/2.0010	0.0640	0.6940	0.0015/0.0041		
4	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		
	2.2487/2.2495	2.3738/2.3745	0.0619	0.6590	0.0010/0.0035	40	
1-3	2.4990/2.5000	2.6870/2.6880	0.0935	0.8690	0.0005/0.0034	110	
2	2.4990/2.5000	2.6870/2.6880	0.0935	1.0580	0.0005/0.0034	110	
4	2.4990/2.5000	2.6870/2.6880	0.0935	0.8690	0.0005/0.0034	110	
1	1.7850/1.7860	1.9155/1.9175	0.0645	0.7600	0.0005/0.0055		
2-3-4	1.7850/1.7860	1.9155/1.9175	0.0645	0.6300	0.0005/0.0055		
1	1.7850/1.7860	1.9155/1.9175	0.0643	0.7600	0.0005/0.0055		
2-3-4	1.7850/1.7860	1.9155/1.9175	0.0643	0.6300	0.0005/0.0055		
1-4	1.7850/1.7860	1.9355/1.9375	0.0745	0.7500	0.0005/0.0055		
2-3	1.7850/1.7860	1.9155/1.9175	0.0643	0.6300	0.0005/0.0055		



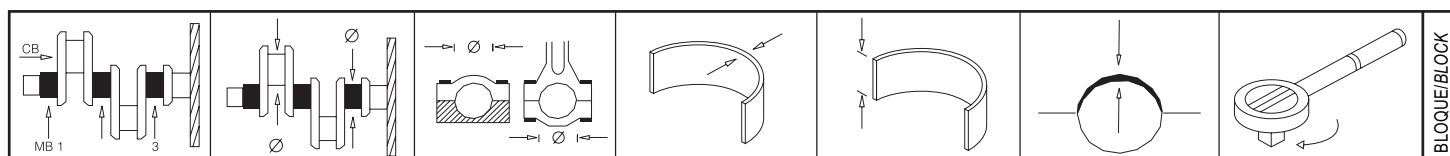
22	V6	189 (3.1 L) (1988-04) 189 CID (3.1 L) Turbo (1989-90) 189 CID (3.1 L) LPG (1988-93) 207 (3.4 L) LA1 (1996-03)	189- 3.504 in/89 mm x 3.307 in/84 mm 207- 3.662 in/92 mm x 3.307 in/84 mm	ACHIEVA, ALERO, AZTEK, BERETTA, CAMARO, CAVALIER, CELEBRITY, CORSICA, CUTLASS, FIREBIRD, GRAND AM, GRAND PRIX, IMPALA, LUMINA, MALIBU, MONTANA, REGAL, SILHOUETTE, SKYLARK, SUNBIRD, TEMPEST, VENTURE, CENTURY	CB 1238 P STD, 10, 20, 30, 40
					MS 2037 P STD, 10, 20, 30 MB 3511 P MB 3512 P MB 3143 P (F)
					SH 1102 S STD, 10* SH 1102 SH 1103 SH 1104
					SH 1364 S STD SH 1362 SH 1363 SH 1364
23	L6	194 (3.2 L) (1962-67) 215 (3.5 L) Pontiac (1964-65) 230 (3.8 L) (1966-67)	194- 3.563 in/90.5 mm x 3.250 in/82.6 mm 215- 3.750 in/95.3 mm x 3.250 in/82.6 mm 230- 3.875 in/98.4 mm x 3.250 in/82.6 mm	1000, 1500, 2500, BEL AIR, C10 SUBURBAN, CAMARO, CHEVELLE, CHEVY II, EL CAMINO, G10, G20, IMPALA, K10, NOVA, P10, P20, P30, P50, P1000, T50, P3500, TEMPEST	CB 745 P STD, 10, 20, 30, 40, 50, 60
					MS 617 P STD, 10, 20, 30, 40, 50, 60 MB 2159 P MB 2160 P (F)
					SH 399 S STD, 10*, 20*, 30* SH 399 SH 400
24	V6	196 (3.2 L) LC9 Buick (1978-79) 252 (4.1 L) LC4 Buick (1980-84)	196- 3.500 in/88.9 mm x 3.400 in/86.4 mm 252- 3.965 in/100.7 mm x 3.400 in/86.4 mm	CENTURY, EL DORADO, FLEETWOOD, LESABRE, MONZA, NINETY EIGHT, REGAL, RIVIERA, SEVILLE, TORNAO	CB 1228 P STD, 10, 20, 30, 40
					MS 960 P STD, 10, 20, 30, 40 MB 2433 P MB 2434 P (F) MB 2491 P
					SH 1031 S STD, 10* SH 679 SH 680
					SH 1385 S STD SH 1360 SH 1361
25	V6	198 (3.2 L) Buick (1962-63)	3.625 in/92.1 mm x 3.200 in/81.3 mm	SPECIAL	CB 610 P STD, 10, 20, 30, 40
26	V6	200 (3.3 L) L26 (1978-79) 229 (3.8 L) (1980) 229 (3.8 L) LC3 (1980-84)	200- 3.500 in/88.9 mm x 3.484 in/88.5 mm 229- 3.736 in/95 mm x 3.484 in/88.5 mm	CABALLERO, CAMARO, CAPRICE, EL CAMINO, IMPALA, LAURENTIN, LE MANS, MALIBU, MONTE CARLO	CB 1227 P STD, 10, 20, 30
					MS 1454 P STD, 10, 20, 30, 40, 50, 60 MB 2508 P MB 2509 P (F)
					SH 1089 S STD (1985-91) SH 290 SH 288 SH 287



	1.9984/1.9994	2.1245/2.1255	0.0623	0.7210	0.0010/0.0036	34 a 40	22	
1-4	2.6473/2.6479	2.8407/2.8412	0.0958	0.9770	0.0015/0.0036	63 a 74		
2	2.6473/2.6479	2.8407/2.8412	0.0958	0.7380	0.0015/0.0036	63 a 74		
3	2.6473/2.6479	2.8407/2.8412	0.0958	0.9420	0.0015/0.0036	63 a 74		
1	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041			
2-3	1.8677/1.8697	1.9990/2.0010	0.0690	0.6340	0.0015/0.0041			
4	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041			
1	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041			
2-3	1.8677/1.8697	1.9990/2.0010	0.0640	0.6940	0.0015/0.0041			
4	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041			
	1.9990/2.0000	2.1247/2.1252	0.0621	0.8420	0.0010/0.0035	30 a 35	23	
1-2-3-4-5-6	2.2983/2.2993	2.4906/2.4916	0.0955	0.8070	0.0006/0.0036	60 a 70		
7	2.2983/2.2993	2.4906/2.4916	0.0955	1.0090	0.0006/0.0036	60 a 70		
1-4	1.8682/1.8692	2.0090/2.0110	0.0697	0.8700	0.0005/0.0050			
2-3	1.8682/1.8692	1.9990/2.0010	0.0647	0.8700	0.0005/0.0050			
	2.2487/2.2495	2.3738/2.3745	0.0619	0.6590	0.0010/0.0035	40	24	
1-3	2.4990/2.5000	2.6870/2.6880	0.0935	0.8690	0.0005/0.0034	110		
2	2.4990/2.5000	2.6870/2.6880	0.0935	1.0580	0.0005/0.0034	110		
4	2.4990/2.5000	2.6870/2.6880	0.0935	0.8690	0.0005/0.0034	110		
1	1.7850/1.7860	1.9155/1.9175	0.0645	0.7600	0.0005/0.0055			
2-3-4	1.7850/1.7860	1.9155/1.9175	0.0645	0.6300	0.0005/0.0055			
1	1.7850/1.7860	1.9155/1.9175	0.0643	0.7600	0.0005/0.0055			
2-3-4	1.7850/1.7860	1.9155/1.9175	0.0643	0.6300	0.0005/0.0055			
	1.9995/2.0005	2.1247/2.1252	0.0620	0.7420	0.0007/0.0032	30 a 45		25
	2.0990/2.1000	2.2247/2.2257	0.0622	0.7130	0.0008/0.0038	45		
							26	
1-2-3	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	70		
4	2.4478/2.4488	2.6406/2.6416	0.0955	1.7180	0.0011/0.0041	70		
1	1.8682/1.8692	2.0190/2.0210	0.0744	0.7500	0.0010/0.0050			
2-4	1.8682/1.8692	1.9990/2.0010	0.0694	0.7500	0.0010/0.0050			
3	1.8682/1.8692	2.6090/2.0110	0.0644	0.7500	0.0010/0.0050			

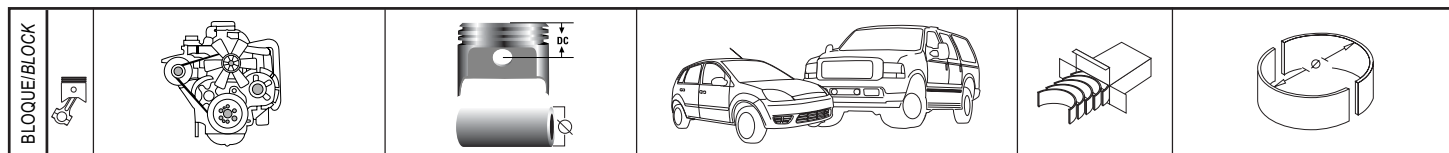
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27	V6	204 (3.3 L) LG7 (1989-93)	3.701 in/94 mm x 3.160 in/80.3 mm	ACHIEVA, CALAIS, CENTURY, CUTLASS, GRAND AM, SKYLARK, SOMERSET	CB 1228 P (1989-90)	STD, 10, 20, 30, 40
					CB 1443 P (1991-93)	STD, 10, 20, 30
					MS 960 P	STD, 10, 20, 30, 40
					MB 2433 P	
					MB 2434 P (F)	(1989-90)
					MB 2491 P	
28	V6	207 (3.4 L) LQ1 DOHC (1991-97)	3.662 in/92 mm x 3.307 in/84 mm	CUTLASS SUPREME, GRAND PRIX, LUMINA, MONTE CARLO	MS 1822 P	STD, 10, 20, 30
					MB 3213 P	(1991-93)
					MB 3214 P (F)	
					MB 3215 P	
					SH 1448 S	STD
					SH 1448 SH 1361	
29	V6	225 (3.7 L) Buick (1964-67)	3.750 in/95.3 mm x 3.400 in/86.4 mm	F85, SKYLARK, SPECIAL	CB 1238 P	STD, 10, 20, 30, 40
					MS 2037 P	STD, 10, 20, 30
					MB 3511 P	
					MB 3512 P	
					MB 3143 P (F)	
					SH 1780 S	STD
30	L6	230 (3.8 L) OHC Pontiac (1966-67) 250 (4.1 L) OHC Pontiac (1968-69)	230- 3.875 in/98.4 mm x 3.250 in/82.6 mm 250- 3.875 in/98.4 mm x 3.531 in/89.7 mm	FIREBIRD, TEMPEST	SH 1780 SH 1363 SH 1364	
					CB 610 P	STD, 10, 20, 30, 40
					MS 960 P	STD, 10, 20, 30, 40
					MB 2433 P	
					MB 2434 P (F)	
					MB 2491 P	
30	L6	230 (3.8 L) OHC Pontiac (1966-67) 250 (4.1 L) OHC Pontiac (1968-69)	230- 3.875 in/98.4 mm x 3.250 in/82.6 mm 250- 3.875 in/98.4 mm x 3.531 in/89.7 mm	FIREBIRD, TEMPEST	CB 745 P	STD, 10, 20, 30, 40, 50, 60
					MS 617 P	STD, 10, 20, 30, 40, 50, 60
					MB 2159 P	
					MB 2160 P (F)	

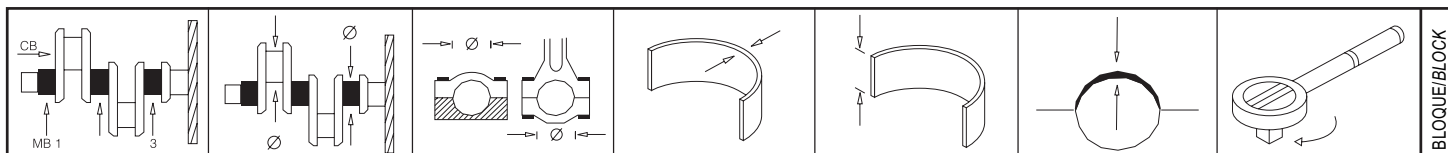


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	2.2487/2.2495	2.2738/2.3745	0.0619	0.6590	0.0010/0.0035	20 + 50°	27
	2.2487/2.2499	2.2738/2.3745	0.0619	0.6590	0.0010/0.0035	20 + 50°	
1-3	2.4990/2.5000	2.6870/2.6880	0.0935	0.8690	0.0005/0.0034	26 + 50°	
2	2.4990/2.5000	2.6870/2.6880	0.0935	1.0580	0.0005/0.0034	26 + 50°	
4	2.4990/2.5000	2.6870/2.6880	0.0935	0.8690	0.0005/0.0034	26 + 50°	
1-3	2.4988/2.4998	2.6870/2.6880	0.0936	0.8690	0.0005/0.0034	26 + 50°	
2	2.4988/2.4998	2.6870/2.6880	0.0936	1.0580	0.0005/0.0034	26 + 50°	
4	2.4988/2.4998	2.6870/2.6880	0.0936	0.8690	0.0005/0.0034	26 + 50°	
1-4	1.7850/1.7860	1.9355/1.9375	0.0745	0.7500	0.0005/0.0055		
2-3	1.7850/1.7860	1.9155/1.9175	0.0643	0.6300	0.0005/0.0055		
	1.9984/1.9994	2.1245/2.1255	0.0623	0.7210	0.0010/0.0036	39	28
1-4	2.6473/2.6479	2.8407/2.8412	0.0958	0.9770	0.0015/0.0036	37 + 75°	
2	2.6473/2.6479	2.8407/2.8412	0.0958	0.7380	0.0015/0.0036	Tomillos	
3	2.6473/2.6479	2.8407/2.8412	0.0958	0.9420	0.0015/0.0036	39 tuercas	
1	1.8677/1.8697	2.0090/2.0110	0.0690	1.1810	0.0015/0.0035		
2-3	1.8677/1.8697	1.9990/2.0010	0.0640	0.6940	0.0015/0.0041		
4	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		29
	1.9995/2.0005	2.1247/2.1252	0.0620	0.7420	0.0007/0.0032	40	
1-3	2.4990/2.5000	2.6870/2.6880	0.0935	0.8690	0.0005/0.0034	95 a 120	
2	2.4990/2.5000	2.6870/2.6880	0.0935	1.0580	0.0005/0.0034	95 a 120	
4	2.4990/2.5000	2.6870/2.6880	0.0935	0.8690	0.0005/0.0034	95 a 120	
	1.9990/2.0000	2.1247/2.1252	0.0621	0.8420	0.0010/0.0035	35 a 45	30
1-2-3-4-5-6	2.2983/2.2993	2.4906/2.4916	0.0955	0.8070	0.0006/0.0036	60 a 70	
7	2.2983/2.2993	2.4906/2.4916	0.0955	1.0090	0.0006/0.0036	60 a 70	

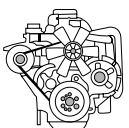
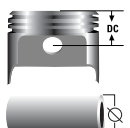
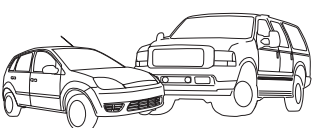
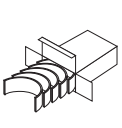
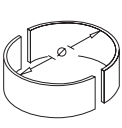


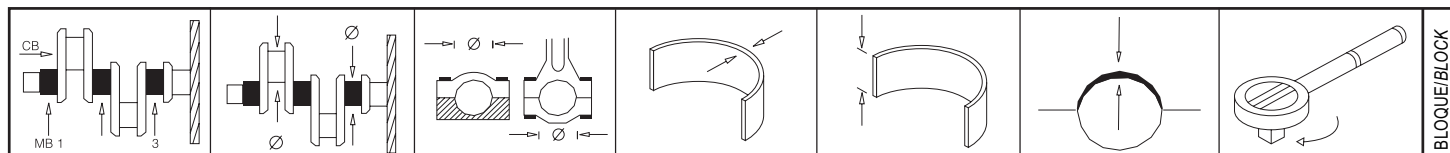
31	V6	231 (3.8 L) Carbureted Buick (1975-87) 231 (3.8 L) Fuel Injected Buick (1984-03) 231 (3.8 L) Súper cargado Buick (1991-03)	Cd- 3.800 in/96.5 mm x 3.400 in/86.4 mm FI- 3.800 in/96.5 mm x 3.397 in/86.3 mm	BONNEVILLE, CABALLERO, CAMARO, CAPRICE, CATALINA, CENTURY, CUTLASS, DELTA 88, EL CAMINO, ELECTRA, FIREBIRD, GRAND AM, GRAND PRIX, IMPALA, LE MANS, MALIBU, MONTECARLO, MONZA, NOVA, PHOENIX, REGAL, RIVIERA, SKYHAWK, SKYLARK, STARFIRE, SUNBIRD, VENTURA	CB 610 P (1975-77) STD, 10, 20, 30, 40 CB 1228 P (1977-90) STD, 10, 20, 30, 40 CB 1443 P (1991-03) STD, 10, 20, 30 MS 960 P STD, 10, 20, 30, 40 MB 2433 P MB 2434 P (F) (1975-90) MB 2491 P MS 1822 P STD, 10, 20, 30 MB 3213 P MB 3214 P (F) (1991-93) MB 3215 P MS 2022 P STD, 10, 20, 30 MB 3213 P (1995-03) MB 3214 P (F) MB 3494 P MB 3494 P SH 1448 S STD SH 1448 (1986-95) SH 1361 (20 tornillos) SH 1812 S STD SH 1812 (1995-03) SH 1813 SH 1385 S STD SH 1360 (1978-85) SH 1361 (14 tornillos)
		250 (4.1 L) (1966-84) 250 (4.1 L) (1995-05)	250- 3.875 in/98.4 mm x 3.531 in/89.7 mm		CB 745 P STD, 10, 20, 30, 40, 50, 60 (1966-84) CB 1238 P STD, 10, 20, 30, 40 (1995-05) MS 617 P STD, 10, 20, 30, 40, 50, 60 MB 2159 P MB 2160 P (F) SH 399 S STD, 10*, 20*, 30* (1966-70) SH 399 SH 400 SH 718 S STD, 10*, 30* (1971-05) SH 400
32	L6	250 (4.1 L) (1966-84) 250 (4.1 L) (1995-05)	250- 3.875 in/98.4 mm x 3.531 in/89.7 mm	APOLLO, BEL AIR, BISCAYNE, BLAZER, C10, C20, C30, C1500, 2500, 3500, CAMARO, CAPRICE, CHEVELLE, CHEVY II, CUTLASS, EL CAMINO, IMPALA, JIMMY, K10, LS50 LAURENTIAN, LE MANS, NOVA, OMEGA, VENTURA	CB 745 P STD, 10, 20, 30, 40, 50, 60 (1966-84) CB 1238 P STD, 10, 20, 30, 40 (1995-05) MS 617 P STD, 10, 20, 30, 40, 50, 60 MB 2159 P MB 2160 P (F) SH 399 S STD, 10*, 20*, 30* (1966-70) SH 399 SH 400 SH 718 S STD, 10*, 30* (1971-05) SH 400



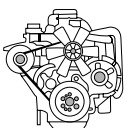
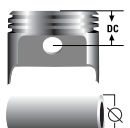
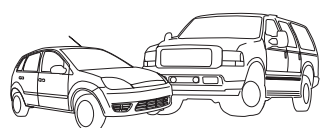
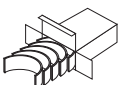
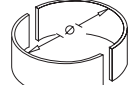
BLOQUE/BLOCK

	1.9995/2.0005	2.1247/2.1252	0.0620	0.7420	0.0007/0.0032	40	31
	2.2487/2.2495	2.3738/2.3745	0.0619	0.6590	0.0010/0.0035	20 + 50°	
	2.2487/2.2499	2.3738/2.3745	0.0619	0.7210	0.0010/0.0035	20 + 50°	
1-3	2.4990/2.5000	2.6870/2.6880	0.0935	0.8690	0.0005/0.0034	26 + 50°	
2	2.4990/2.5000	2.6870/2.6880	0.0935	1.0580	0.0005/0.0034	26 + 50°	
4	2.4990/2.5000	2.6870/2.6880	0.0935	0.8690	0.0005/0.0034	26 + 50°	
1-3	2.4988/2.4998	2.6870/2.6880	0.0936	0.8690	0.0005/0.0032	26 + 50°	
2	2.4988/2.4998	2.6870/2.6880	0.0936	1.0780	0.0005/0.0032	26 + 50°	
4	2.4988/2.4998	2.6870/2.6880	0.0936	0.8690	0.0005/0.0032	26 + 50°	
1	2.4990/2.5000	2.6870/2.6880	0.0936	0.8690	0.0005/0.0022	26 + 50°	
2	2.4988/2.4998	2.6870/2.6880	0.0936	1.0580	0.0005/0.0022	26 + 50°	
3	2.4988/2.4998	2.6870/2.6880	0.0936	0.8690	0.0005/0.0022	26 + 50°	
4	2.4988/2.4998	2.6870/2.6880	0.0936	0.8690	0.0005/0.0022	26 + 50°	
1-4	1.7850/1.7860	1.9355/1.9375	0.0745	0.7500	0.0005/0.0055		32
2-3	1.7850/1.7860	1.9155/1.9175	0.0643	0.6300	0.0005/0.0055		
1-4	1.8448/1.8462	1.9755/1.9775	0.0744	0.7600	0.0005/0.0055		
2-3	1.8448/1.8462	1.9755/1.9775	0.0644	0.6300	0.0005/0.0055		
1	1.7850/1.7860	1.9155/1.9175	0.0643	0.7600	0.0005/0.0055		
2-3-4	1.7850/1.7860	1.9155/1.9175	0.0643	0.6300	0.0005/0.0055		
	1.9990/2.0000	2.1247/2.1252	0.0621	0.8420	0.0010/0.0035	35 a 45	
	1.9984/1.9994	2.1245/2.1255	0.0623	0.7210	0.0010/0.0036	34 a 40	
1-2-3-4-5-6	2.2983/2.2993	2.4906/2.4916	0.0955	0.8070	0.0006/0.0036	60 a 70	
7	2.2983/2.2993	2.4906/2.4916	0.0955	1.0090	0.0006/0.0036	60 a 70	
1-4	1.8682/1.8692	2.0090/2.0110	0.0697	0.8700	0.0005/0.0050		
2-3	1.8682/1.8692	1.9990/2.0010	0.0647	0.8700	0.0005/0.0050		
1-2-3-4	1.8682/1.8692	1.9990/2.0010	0.0647	0.8700	0.0005/0.0050		

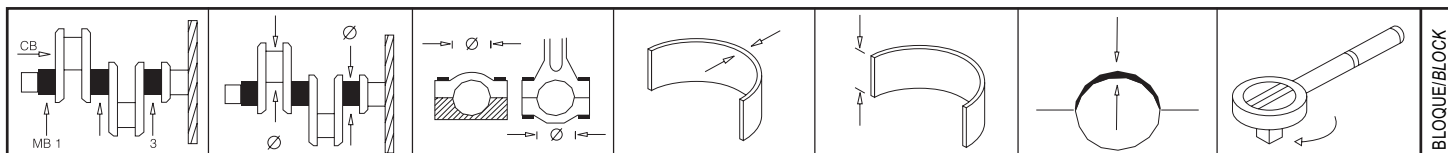
BLOQUE/BLOCK						
						
33	V6	262 (4.3 L) (1985-96) 262 (4.3 L) LB4 (ZR9/Z79) Turbo (1991-93) 262 (4.3 L) Vortec 4300 (1992-03)	4.000 in/101.6 mm x 3.484 in/88.5 mm	ASTRO, BLAZER, BONNEVILLE, BRAVADA, C10, 20, 1500, 2500, 3500, CABALLERO, EL CAMINO, ENVOY, EXPRESS 1500, 2500, JIMMY, MONTE CARLO, P30, PARISIENNE, R10, R20, REGAL, S10, S15, SAFARI, SAVANA, SONOMA, TYPHOON, V20, 1500, 2500, SILVERADO 1500	CB 1358 P STD, 10, 20, 30, 40	
					CB 3202 P 10, 20, 30, 40 Diám. exterior + .002"	
					MS 1454 P STD, 10, 20, 30, 40, 50, 60 MB 2508 P MB 2509 P (F)	
					MS 2215 P 10, 20, 30, 40 MB 2508 P MB 3119 P (F)	
					MS 1628 P 10, 20, 30, 40 MB 2508 P MB 2981 P (F)	
					MS 5184 P 10, 20, 30, 40 MB 2508 P MB 3120 P (F)	
					SH 1089 S STD SH 290 (1992-04) SH 288 SH 287 Excepto motores estampados con letra "T" al frente del block (1992-04)	
					SH 1351 S STD SH 290 SH 288 SH 287 Motores estampados con letra "T" al frente del block (1992-04)	
					SH 1798 S SH 1798 (1992-04)	
34	L6	292 (4.8 L) (1963-89)	230- 3.875 in/98.4 mm x 4.125 in/104.8 mm	C10, 20, 30, C1500, 2500, 3500, 4500, CS4500, G30, G1500, G2500, G3500, HI4000, JIMMY, K10, K20, K1500, K2500, P10, 20, 30, 1500, 2500, 3500, R20, R30, 2500, 3500, SS5500, 40, 50, TG31303, V2500	CB 663 P STD, 10, 20, 30, 40, 50, 60	
					MS 617 P STD, 10, 20, 30, 40, 50, 60 MB 2159 P MB 2160 P (F)	
					SH 399 S STD, 10*, 20*, 30* SH 399 (1963-70) SH 400	
					SH 718 S STD, 10*, 30* SH 400 (1971-89)	
35	V8	215 (3.5 L) (1961-63)	3.500 in/88.9 mm x 2.800 in/71.1 mm	BONNEVILLE, CENTURY, ELECTRA, GRAND PRIX, SKYLARK, SPECIAL	CB 610 P STD, 10, 20, 30, 40	



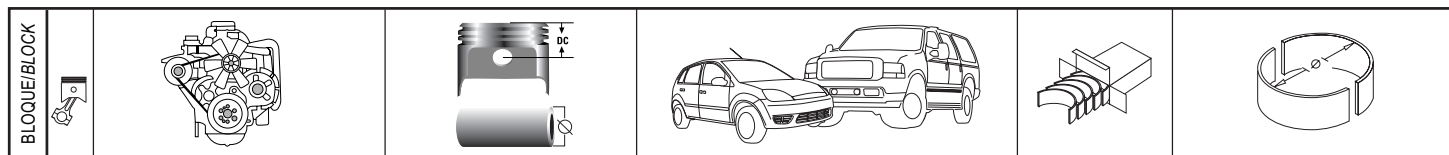
	2.2487/2.2498	2.3747/2.3757	0.0622	0.7450	0.0010/0.0036	45	33
	2.2487/2.2498	2.3767/2.3777	0.0632	0.7450	0.0010/0.0036		
1-2-3	2.4483/2.4493	2.4606/2.6416	0.0955	0.8070	0.0006/0.0036	70	
4	2.4478/2.4488	2.4606/2.4616	0.0955	1.7180	0.0011/0.0041	70	
1-2-3	2.4483/2.4493	2.4606/2.6416	0.0955	0.8070	0.0006/0.0036	70	
4	2.4478/2.4488	2.4606/2.4616	0.0955	1.7280	0.0011/0.0041	70	
Cojinete de ceja contiene sobremedida axial .010"/Flange Bearing with a .010" axial oversize							
1-2-3	2.4483/2.4493	2.4606/2.6416	0.0955	0.8070	0.0006/0.0036	70	
4	2.4478/2.4488	2.4606/2.4616	0.0955	1.7380	0.0011/0.0041	70	
Cojinete de ceja contiene sobremedida axial .020"/Flange Bearing with a .020" axial oversize							
1-2-3	2.4483/2.4493	2.4606/2.6416	0.0955	0.8070	0.0006/0.0036	70	
4	2.4478/2.4488	2.4606/2.4616	0.0955	1.7480	0.0011/0.0041	70	
Cojinete de ceja contiene sobremedida axial .030"/Flange Bearing with a .030" axial oversize							
1	1.8682/1.8692	2.0190/2.0210	0.0744	0.7500	0.0010/0.0050		
2-4	1.8682/1.8692	1.9990/2.0010	0.0694	0.7500	0.0010/0.0050		
3	1.8682/1.8692	2.0090/2.0110	0.0644	0.7500	0.0010/0.0050		
1- 4	1.8682/1.8692	2.0190/2.0210	0.0744	0.7500	0.0010/0.0050		
2	1.8682/1.8692	1.9990/2.0010	0.0694	0.7500	0.0010/0.0050		
3	1.8682/1.8692	2.0090/2.0110	0.0644	0.7500	0.0010/0.0050		
Posterior/Rear	1.4986/1.5000	1.8375/1.8745	0.1866	0.8400	0.0005/0.0051		
Flecha balanceadora/Balance Shaft							
	2.0992/2.1000	2.2247/2.2252	0.0620	0.8420	0.0012/0.0037	35 a 35	34
1-2-3-4-5-6	2.2983/2.2993	2.4906/2.4916	0.0955	0.8070	0.0006/0.0036	60 a 70	
7	2.2983/2.2993	2.4906/2.4916	0.0955	1.0090	0.0006/0.0036	60 a 70	
1-4	1.8682/1.8692	2.0090/2.0110	0.0697	0.8700	0.0005/0.0050		
2-3	1.8682/1.8692	1.9990/2.0010	0.0647	0.8700	0.0005/0.0050		
1-2-3-4	1.8682/1.8692	1.9990/2.0010	0.0647	0.8700	0.0005/0.0050		
	1.9995/2.0005	2.1247/2.1252	0.0620	0.7420	0.0007/0.0032	30 a 45	35

BLOQUE/BLOCK						
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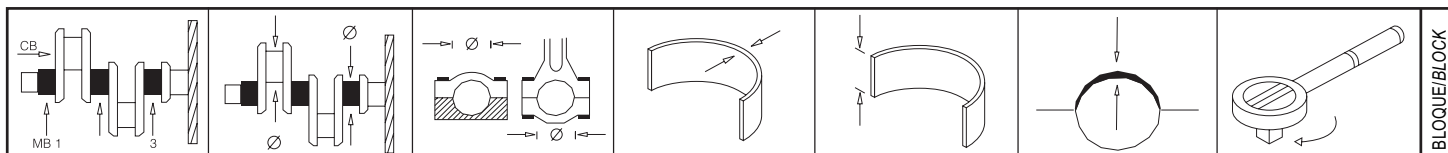
36	V8	252 (4.1 L) Cadillac (1982-88) 273 (4.5 L) Cadillac (1988-92) 300 (4.9 L) Cadillac (1991-95)	252- 2.465 in/88 mm x 3.307 in/84 mm 273- 3.622 in/92 mm x 3.307 in/84 mm 300- 3.622 in/92 mm x 3.622 in/92 mm	CHASIS COMERCIAL, DEVILLE, EL DORADO, FLEETWOOD	CB 1351 P STD, 10, 20, 30
					MS 1705 P STD, 10, 20, 30 MB 2960 P MB 2961 P MB 2962 P (F) MB 3103 P
					SH 1371 S STD SH 1371 SH 1372 SH 1373 SH 1374 SH 1375
37	V8	260 (4.3 L) LV8 Oldsmobile (1975-82) 307 (5.0 L) Oldsmobile (1980-90)	260- 3.500 in/88.9 mm x 3.385 in/86 mm 307- 3.800 in/96.5 mm x 3.385 in/86 mm	CUTLASS, CUTLASS SUPREME, DELTA 88, LE MANS, OMEGA, SKYLARK, VENTURA	CB 684 P STD, 10, 20, 30
					MS 805 P STD, 10, 20, 30, 40 MB 2365 P MB 2252 P (F) MB 2253 P
					SH 1355 S STD SH 1359 SH 1355 SH 1356 (1977-1990) SH 1357 SH 1358
38	V8	262 (4.3 L) (1975-76) 265 (4.3 L) L99 (1994-96) 267 (4.4 L) L39 (1979-82) 305 (5.0 L) (1976-02) 307 (5.0 L) (1968-73) 350 (5.7 L) (1967-02) 350 (5.7 L) LPG (1967-85)	265- 3.750 in/95.3 mm x 3.000 in/76.2 mm 267- 3.500 in/88.9 mm x 3.484 in/88.5 mm 305- 3.736 in/95 mm x 3.484 in/88.5 mm 307- 3.875 in/98.4 mm x 3.250 in/82.6 mm 350- 4.000 in/101.6 mm x 3.484 in/88.5 mm	BLAZER, C SERIES, CAPRICE, CENTURY, CHEVELLE, CUSTOM, CUTLASS, EL CAMINO, EL DORADO, EXPRESS, FIREBIRD, G SERIES, GRAND AM, GRAND PRIX, K SERIES, LESABRE, LE MANS, MALIBU, MONTE CARLO, MONZA, NOVA, OMEGA, SAVANA, SKYLARK, SPRINT, SUNBIRD, SUBURBAN, TAHOE	CB 663 P STD, 10, 20, 30, 40, 50, 60
					CB 1776 P 10, 20, 30, 40 Diám. exterior + .002"
					MS 909 P STD, 10, 20, 30, 40, 50, 60 MB 2508 P MB 2509 P (F)
					MS 1744 P 10, 20, 30, 40 MB 2508 P MB 3119 P (F)
					MS 1626 P 10, 20, 30, 40 MB 2508 P MB 2981 P (F)
					MS 5183 P 10, 20, 30, 40 MB 2508 P MB 3120 P (F)
					SH 290 S STD SH 290 SH 288 SH 287



	1.9269-1.9279	2.0524/2.0530	0.0620	0.6640	0.0008/0.0034	22	36
1	2.6354/2.6364	2.8276/2.8283	0.0962	0.9500	0.0005/0.0032	85	
2-4	2.6354/2.6364	2.8276/2.8283	0.0962	0.9500	0.0009/0.0036	85	
3	2.6354/2.6364	2.8276/2.8283	0.0962	1.2920	0.0016/0.0043	85	
5	2.6354/2.6364	2.8276/2.8283	0.0962	0.9820	0.0009/0.0036	85	
1	2.0358/2.0366	2.1680/2.1695	0.0652	0.5960	0.0010/0.0055		
2	2.0157/2.0165	2.1480/2.1495	0.0652	0.5960	0.0010/0.0055		
3	1.9957/1.9965	2.1280/2.1292	0.0652	0.5960	0.0010/0.0055		
4	1.9756/1.9765	2.1080/2.1095	0.0652	0.5960	0.0010/0.0055		
5	1.9559/1.9567	2.0880/2.0895	0.0652	0.5960	0.0010/0.0055		
	2.1238/2.1248	2.2495/2.2500	0.0619	0.8310	0.0014/0.0039	42	37
2-1-4	2.4985/2.4995	2.6870/2.6880	0.0936	0.9800	0.0006/0.0036	80	
3	2.4985/2.4995	2.6870/2.6880	0.0936	1.1950	0.0006/0.0036	80	
5	2.4985/2.4995	2.6870/2.6880	0.0932	1.6290	0.0014/0.0044	80	
1	2.0357/2.0365	2.1680/2.1695	0.0648	0.6980	0.0020/0.0060		
2	2.0157/0.0165	2.1480/2.1495	0.0648	0.6980	0.0020/0.0060		
3	1.9957/1.9965	2.1280/2.1295	0.0648	0.6980	0.0020/0.0060		
4	1.9757/1.9765	2.1080/2.1095	0.0648	0.6980	0.0020/0.0060		
5	1.9557/1.9565	2.0880/2.0895	0.0648	0.6980	0.0020/0.0060		
	2.0992/2.1000	2.2247/2.2252	0.0620	0.8420	0.0012/0.0037	35 (11/32")	
	2.0992/2.1000			0.8420	0.0012/0.0037	45 (3/8") (Tornillos)	
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.6406/2.6416	0.0955	1.7180	0.0011/0.0041	75	
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.4606/2.4616	0.0955	1.7280	0.0011/0.0041	75	
Cojinete de ceja contiene sobremedida axial .010"/Flange Bearing with a .010" axial oversize							
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.4606/2.4616	0.0955	1.7380	0.0011/0.0041	75	
Cojinete de ceja contiene sobremedida axial .020"/Flange Bearing with a .020" axial oversize							
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.4606/2.4616	0.0955	1.7480	0.0011/0.0041	75	
Cojinete de ceja contiene sobremedida axial .030"/Flange Bearing with a .030" axial oversize							
1	1.8682/1.8692	2.0190/2.0210	0.0744	0.7500	0.0010/0.0050		
2-5	1.8682/1.8692	2.0090/2.0120	0.0694	0.7500	0.0010/0.0050		
3-4	1.8682/1.8692	1.9990/2.0010	0.0644	0.7500	0.0010/0.0050		

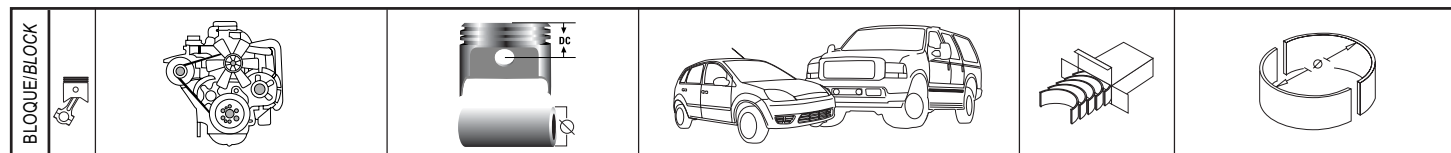


39	V8	265 (4.3 L) (1955-57) 283 (4.6 L) (1957-67) 302 (5.0 L) (1967-69) 327 (5.4 L) (1962-69) 327 (5.4 L) LPG (1962-69)	265- 3.750 in/95.3 mm x 3.000 in/76.2 mm 283- 3.875 in/98.4 mm x 3.000 in/76.2 mm 302- 4.000 in/101.6 mm x 3.000 in/76.2 mm 327- 4.000 in/101.6 mm x 3.250 in/82.6 mm	3100, 3200, 3600, 3800, 4100, 4400, 4500, 5700, 6100, 6400, 6500, 6700, 6800, 7100, 7200, 7300, 8200, 8400, 8500, 8700, 8800, BEL AIR, CORVETTE, DELUX, SPECIAL, TOWNSMAN, BONNEVILLE, BISCAYNE, CHEVELLE, IMPALA, CAMARO, C SERIES, K SERIES, SUBURBAN	CB 745 P (1955-67) STD, 10, 20, 30, 40, 50, 60 CB 663 P (1968-69) STD, 10, 20, 30, 40, 50, 60 MS 909 P STD, 10, 20, 30, 40, 50, 60 MB 2508 P (1968-69) MB 2509 P (F) MS 1744 P 10, 20, 30, 40 MB 2508 P (1968-69) MB 3119 P (F) MS 1626 P 10, 20, 30, 40 MB 2508 P (1968-69) MB 2981 P (F) MS 5183 P 10, 20, 30, 40 MB 2508 P (1968-69) MB 3120 P (F) SH 290 S STD SH 290 (1964-69) SH 288 SH 287
		265 (4.3 L) LS5 Pontiac (1980-81) 301 (4.9 L) Pontiac (1977-81) 340 (5.6 L) Buick (1966-67)		BONNEVILLE, CATALINA, CENTURY, DELTA, FIREBIRD, GRAND PRIX, LAURENTIAN, LESABRE, LE MANS, RIVIERA	CB 610 P STD, 10, 20, 30, 40
		300 (4.9 L) Buick (1964-67)	3.750 in/95.3 mm x 3.400 in/86.4 mm	LESABRE, RIVIERA, SKYLARK, SPECIAL, F85, JET STAR 1	CB 610 P STD, 10, 20, 30, 40
		294 (4.8 L) Vortec LR4 (1999-03), 325 (5.3 L) Vortec L59, LM7, LS1, LS6 (1997-02), 365 (6.0 L) Vortec LQ4 KL6, KL8 CNG (2003)	294- 3.780 in/96 mm x 3.268 in/83 mm 325- 3.780 in/96 mm x 3.622 in/92 mm 3.46- 3.398 in/99 mm x 3.622 in/92 mm	SUBURBAN, 1500, SILVERADO, 2500, 3500, SAVANA, ESCALADE	CB 663 P STD, 10, 20, 30, 40, 50, 60 CB 1776 P 10, 20, 30, 40 Diám. exterior + .002" MS 2199 P STD, 10, 20 MB 3591 P MB 3592 P (F) SH 1814 S # STD SH 1814 (1997-03) SH 1815 SH 1816 SH 1995 S # STD SH 1995 (2003-06) SH 1814 SH 1816



BLOQUE/BLOCK

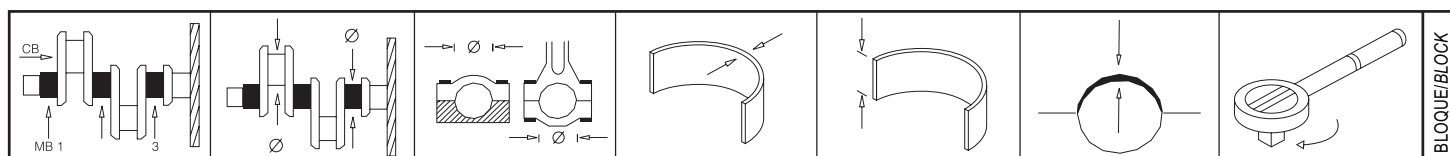
	1.9990/2.000	2.1247/2.1252	0.0621	0.8420	0.0010/0.0035	35 (11/32") 45 (3/8") (Tornillos)	39
	2.0992/2.1000	2.2247/2.2252	0.0620	0.8420	0.0012/0.0037	45 (3/8")	
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.6406/2.6416	0.0955	1.7180	0.0011/0.0041	75	
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.4606/2.4616	0.0955	1.7280	0.0011/0.0041	75	
Cojinete de ceja contiene sobremedida axial .010"/Flange Bearing with a .010" axial oversize							
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.4606/2.4616	0.0955	1.7380	0.0011/0.0041	75	
Cojinete de ceja contiene sobremedida axial .020"/Flange Bearing with a .020" axial oversize							
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.4606/2.4616	0.0955	1.7480	0.0011/0.0041	75	
Cojinete de ceja contiene sobremedida axial .030"/Flange Bearing with a .030" axial oversize							
1	1.8682/1.8692	2.0190/2.0210	0.0744	0.7500	0.0010/0.0050	35	
2-5	1.8682/1.8692	2.0090/2.0120	0.0694	0.7500	0.0010/0.0050		
3-4	1.8682/1.8692	1.9990/2.0010	0.0644	0.7500	0.0010/0.0050		
	1.9995/2.0005	2.1247/2.1252	0.0620	0.7420	0.0007/0.0032		
	1.9995/2.0005	2.1247/2.1252	0.0620	0.7420	0.0007/0.0032	30 a 40	40
	2.0990/2.1000	2.2247/2.2252	0.0620	0.8420	0.0012/0.0037	35 (11/32")	41
	2.0990/2.1000	2.2267/2.2272	0.0630	0.8420	0.0012/0.0037	45 (3/8") (Tornillos)	
1-2-4-5	2.5588/2.5593	2.7509/2.7515	0.0957	0.8050	0.0002/0.0018		42
3							
1-5	2.1650/2.1670	2.3260/2.3280	0.0790	0.6350	0.0011/0.0063		
2-4	2.1650/2.1670	2.3161/2.3181	0.0740	0.6350	0.0011/0.0063		
3	2.1650/2.1670	2.3063/2.3083	0.0692	0.6350	0.0011/0.0063		
1er diseño designa la posición 1 y 5 del alojamiento es de 2.3260"/2.3280"							
1-5	2.1650/2.1670	2.3460/2.3480	0.0890	0.6350	0.0011/0.0063		
2-4	2.1650/2.1670	2.3260/2.3280	0.0790	0.6350	0.0011/0.0063		
3	2.1650/2.1670	2.3063/2.3083	0.0692	0.6350	0.0011/0.0063		
2do diseño designa la posición 1 y 5 del alojamiento es de 2.3460"/2.3480"							



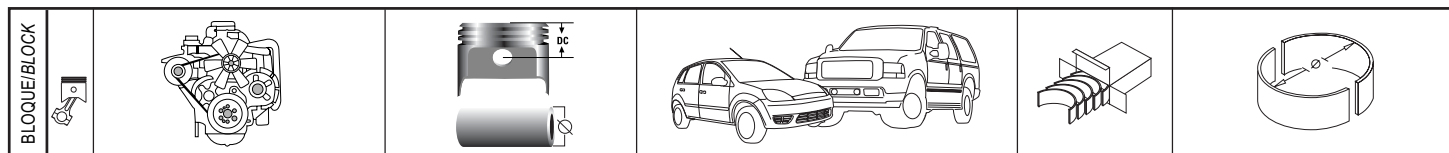
43	V8	330 (5.4 L) OHV Oldsmobile (1964-67) 350 (5.7 L) Oldsmobile (1968-80) 403 (6.6 L) L80 Oldsmobile (1977-79)	330- 3.938 in/100 mm x 3.385 in/86 mm 350- 4.057 in/103 mm x 3.385 in/86 mm 403- 4.351 in/110.5 mm x 3.385 in/86 mm	CUTLASS, DELMONT, EIGHTY EIGHT, FLEETWOOD, GRAND PRIX, LESABRE, NINETY EIGHT, REGAL, RIVIERA, SEVILLE, TORNADO, VENTURA, VISTA CRUISER	CB 684 P STD, 10, 20, 30 MS 805 P STD, 10, 20, 30, 40 MB 2365 P MB 2251 P MB 2252 P (F) MB 2253 P SH 1355 S STD SH 1359 SH 1355 SH 1356 (1977-80) SH 1357 SH 1358
44	V8	350 (5.7 L) Buick (1968-81)	3.800 in/96.5 mm x 3.850 in/97.8 mm	BONNEVILLE, CENTURION, CENTURY, ELECTRA, ESTATE WAGON, LESABRE, LE MANS, OMEGA, SKYLARK	CB 610 P STD, 10, 20, 30, 40 SH 680 S STD, 10* SH 679 SH 680
45	V8	366 (6.0 L) (1966-98) 396 (6.6 L) (1965-71) 427 (7.0 L) (1966-98) 427 (7.0 L) LPG (1966-69)	366- 3.938 in/100 mm x 3.766 in/95.7 mm 396- 4.094 in/104 mm x 3.766 in/95.7 mm 427- 4.250 in/108 mm x 3.766 in/95.7 m	C SERIES, CAMARO, CAPRICE, CORVETTE, EL CAMINO, IMPALA, K SERIES, NOVA, T SERIES	CB 743 P STD, 10, 20, 30, 40 MS 829 P STD, 10, 20, 30, 40 MB 2403 P MB 2404 P (F) SH 616 S STD (1967-98) SH 615 SH 616 SH 617
46	V8	400 (6.6 L) (1970-80)	4.125 in/104.8 mm x 3.750 in/95.3 mm	BEL AIR, BISCAYNE, BLAZER, BONNEVILLE, CHEVELLE, EL CAMINO, G SERIES, IMPALA, K SERIES, MONTE CARLO	CB 663 P STD, 10, 20, 30, 40, 50, 60 MS 1038 P STD, 10, 20, 30, 40 MB 2562 P MB 2563 P (F) SH 290 S STD SH 290 SH 288 SH 287
47	V8	402 (6.6 L) L47, LS3 (1970-72) 454 (7.4 L) (1970-00) 454 (7.4 L) LPG (1970-76) 454 (7.4 L) LP4, LPG (1999-00)	402- 4.125 in/104.8 mm x 3.766 in/95.7 mm 454- 4.250 in/108 mm x 4.000 in/101.6 mm	BEL AIR, BISCAYNE, BLAZER, C SERIES, CAPRICE, CHEVELLE, EL CAMINO, EXPRESS, G SERIES, IMPALA, K SERIES, MONTE CARLO, P SERIES, SAVANA, SPRINT, V SERIES	CB 743 P STD, 10, 20, 30, 40 MS 829 P STD, 10, 20, 30, 40 MB 2403 P MB 2404 P (F) SH 616 S STD SH 615 SH 616 SH 617
48	V8	496 (8.1 L)/8135 cc Vortec 8100 L18 OHV (2001-02)	4.252 in/108 mm x 4.370 in/111 mm	AVALANCHE 2500, C3500 HD, C5500, C6500, C7500, C8500, CLASSIC SIERRA 3500 HD, SABANA 3500, SILVERADO 3500 HD, YUKON XL 2500	CB 743 P STD, 10, 20, 30, 40 SH 616 S STD SH 615 SH 616 SH 617 MS 2235 P # *** MB 3774 AL MB 3775 AL (F)

* Producto disponible hasta agotar existencias./Until existence are available.

Producto en desarrollo, próximamente disponible. Llame para revisar disponibilidad./Product under development, soon available. Call to ask about availability.



	2.1238/2.1248	2.2495/2.2500	0.0619	0.8310	0.0014/0.0039	42	43
1	2.4985/2.4995	2.6870/2.6880	0.0936	0.9800	0.0006/0.0036	80	
2-4	2.4985/2.4995	2.6870/2.6880	0.0936	0.9800	0.0006/0.0036	80	
3	2.4985/2.4995	2.6870/2.6880	0.0936	1.1950	0.0006/0.0036	80	
5	2.4985/2.4995	2.6870/2.6880	0.0932	1.6290	0.0014/0.0044	80	
1	2.0357/2.0365	2.1680/2.1695	0.0648	0.6980	0.0020/0.0060		44
2	2.0157/0.0165	2.1480/2.1495	0.0648	0.6980	0.0020/0.0060		
3	1.9957/1.9965	2.1280/2.1295	0.0648	0.6980	0.0020/0.0060		
4	1.9757/1.9765	2.1080/2.1095	0.0648	0.6980	0.0020/0.0060		
5	1.9557/1.9565	2.0880/2.0895	0.0648	0.6980	0.0020/0.0060		
	1.9995/2.0005	2.1247/2.1252	0.0620	0.7420	0.0007/0.0032	35	45
1	1.7850/1.7860	1.9155/1.9175	0.0645	0.7600	0.0005/0.0055		
2-3-4-5	1.7850/1.7860	1.9155/1.9175	0.0645	0.6300	0.0005/0.0055		
	2.1990/2.2000	2.3247/2.3252	0.0620	0.8920	0.0012/0.0037	45 a 55	46
1-2-3-4	2.7482/2.7492	2.9370/2.9380	0.0934	1.0440	0.0007/0.0032	90 a 100	
5	2.7478/2.7488	2.9370/2.9380	0.0934	1.8110	0.0012/0.0038	90 a 100	
1	1.9485/1.9495	2.1395/2.1405	0.0947	0.8700	0.0006/0.0046		
2-5	1.9485/1.9495	2.1295/2.1305	0.0897	0.9900	0.0006/0.0046		
3-4	1.9485/1.9495	2.1195/2.1205	0.0847	0.9900	0.0006/0.0046		47
	2.0990/2.1000	2.2247/2.2252	0.0620	0.8420	0.0012/0.0037	45	
1-2-3-4	2.6484/2.6493	2.8406/2.8415	0.0955	0.8700	0.0006/0.0034	75	
5	2.6479/2.6488	2.8406/2.8415	0.0955	1.7180	0.0011/0.0039	75	
1	1.8682/1.8692	2.0190/2.0210	0.0744	0.7500	0.0010/0.0050		
2-5	1.8682/1.8692	2.0090/2.0120	0.0694	0.7500	0.0010/0.0050		48
3-4	1.8682/1.8692	1.9990/2.0010	0.0644	0.7500	0.0010/0.0050		
	2.1990/2.2000	2.3247/2.3252	0.0620	0.8920	0.0012/0.0037	45 a 55	
1-2-3-4	2.7482/2.7492	2.9370/2.9380	0.0934	1.0440	0.0007/0.0032	90 a 100	
5	2.7478/2.7488	2.9370/2.9380	0.0934	1.8110	0.0012/0.0038	90 a 100	
1	1.9485/1.9495	2.1395/2.1405	0.0947	0.8700	0.0006/0.0046		49
2-5	1.9485/1.9495	2.1295/2.1305	0.0897	0.9900	0.0006/0.0046		
3-4	1.9485/1.9495	2.1195/2.1205	0.0847	0.9900	0.0006/0.0046		
	2.1990/2.2000	2.3247/2.3252	0.0620	0.8920	0.0012/0.0037	45 a 55	
1	1.9485/1.9495	2.1395/2.1405	0.0947	0.8700	0.0006/0.0046		
2-5	1.9485/1.9495	2.1295/2.1305	0.0897	0.9900	0.0006/0.0046		50
3-4	1.9485/1.9495	2.1195/2.1205	0.0847	0.9900	0.0006/0.0046		
1-2-3-4	2.7482/2.7489	2.9370/2.9380	0.0937	1.0470	0.0010/0.0033		
5	2.7482/2.7489	2.9373/2.9378	0.0940	1.8110	0.0005/0.0022		



HOLDEN

ÍNDICE DE MOTORES/ENGINE INDEX

8 CILINDROS/8 CYLINDERS		8 CILINDROS/8 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
253 CID/4146 cc (4.1 L) (1969-84)	1	308 CID/5047 cc (5.0 L) HG, HQ, HJ, HX, HZ, VC, VH, VR (1969-90)	1

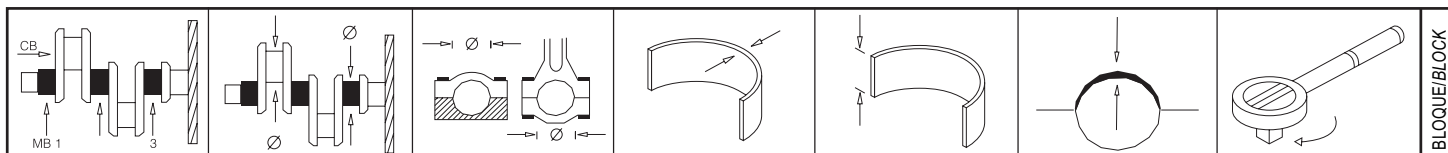
1	V8	253/4146 cc (4.1 L) (1969-84)	253- 3.625 in x 3.062 in 308- 4.000 in x 3.062 in	BROUGHAM, LR 5000, TORANA, COMMODORE, STATESMAN	CB 2356 P	STD, 10, 20, 30, 40
		308/5047 cc (5.0 L) (1969-90) HG, HQ, HJ, HX, HZ, VC, VH, VR			MS 2357 P	STD, 10, 20, 30, 40
					MB 2357 P	
					MB 2358 P (F)	

HONDA

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1169 cc (1.2 L) EB1 SOHC (1972-73)	1	1488 cc (1.5 L) ED3/ED4 (1976-79)	3
1237 cc (1.2 L) EB2, EB3 SOHC (1974-79)	1	1488 cc (1.5 L) EC (1975-79)	3
1335 cc (1.3 L) EJ1 SOHC (1980-83)	1	1488 cc (1.5 L) EM1 SOHC (1980-83)	3
1342 cc (1.3 L) EV2 (1984-86)	2	1488 cc (1.5 L) EW1, EW3, EW4 SOHC (1984-86)	2
1488 cc (1.5 L) ED1/ED2 (1975)	3	1488 cc (1.5 L) EW3 SOHC (1985)	2

1	L4	1169 cc (1.2 L) EB1 SOHC (1972-73)	1169- 2.756 in/70 mm x 2.992 in/76 mm 1237- 2.835 in/72 mm x 2.992 in/76 mm 1335- 2.835 in/72 mm x 3.228 in/82 mm	CIVIC	CB 1222 P	STD, 10, 20, 30
		1237 cc (1.2 L) EB2, EB3 SOHC (1974-79)			MS 1431 P	STD, 10, 20, 30
		1237 cc (1.2 L) EB3 SOHC (1978-79)			MB 2753 P	
		1335 cc (1.3 L) EJ1 SOHC (1980-83)			TW 327 S	STD
					MB 3176 W	
2	L4	1342 cc (1.3 L) EV2 (1984-86)	1342- 2.913 in/74 mm x 3.071 in/78 mm 1488- 2.913 in/74 mm x 3.386 in/86 mm	CRX, CIVIC	MS 1431 P	STD, 10, 20, 30
		1488 cc (1.5 L) EW1, EW3, EW4 SOHC (1984-86)			MB 2753 P	
					TW 327 S	STD
					MB 3176 W	
3	L4	1488 cc (1.5 L) EC, ED1, ED2, ED3, ED4, EM1 SOHC (1975-83)	1488- 2.913 in/74 mm x 3.386 in/86 mm 1599- 2.913 in/74 mm x 3.661 in/93 mm 1751- 3.031 in/77 mm x 3.701 in/94 mm	ACCORD, CIVIC, PRELUDE	CB 1223 P	STD, 10, 20, 30
		1599 cc (1.6 L) EF1 SOHC, EG (1976-78)			MS 1431 P	STD - 030
		1751 cc (1.8 L) EK1 SOHC (1979-83)			MB 2753 P	
		1602 cc (1.6 L) EL1 (1982-83)			TW 327 S	STD
					MB 3176 W	
4	L4	1590 cc (1.6 L) D16A6 SOHC (1988-91)	2.953 in/75 mm x 3.543 in/90 mm	CRX, CIVIC, DEL SOL	CB 1461 P	STD, 10, 20, 30
		1590 cc (1.6 L) D16Z6 V-TEC SOHC (1992-95)			MS 1804 P	STD, 10, 20, 30
					MB 3176 P	
					TW 473 S	STD
					MB 3176 W	



HOLDEN

ÍNDICE DE MOTORES/ENGINE INDEX

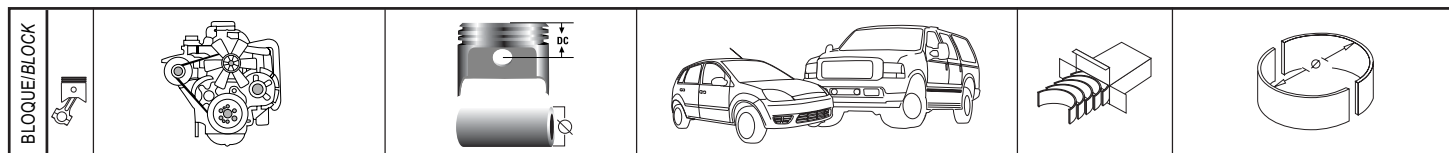
	2.1240/2.1250	2.2497/2.2502	0.0620	0.7780	0.0007/0.0032	1
1-2-3-4	2.3978/2.3988	2.5906/2.5916	0.0955	0.8950	0.0005/0.0034	
5	2.3978/2.3988	2.5906/2.5916	0.0955	1.0910	0.0005/0.0034	

HONDA

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1488 cc (1.5 L) EW4 (1986)	2	1602 cc (1.6 L) EL1 (1982-83)	3
1590 cc (1.6 L) D16A6 SOHC (1988-91)	4	1751 cc (1.8 L) EK1 SOHC (1979-83)	3
1590 cc (1.6 L) D16Z6 V-TEC SOHC (1992-95)	4	1958 cc (2.0 L) B2A3 SOHC, B20A5 DOHC (1988-91)	5
1599 cc (1.6 L) EF1 (1976-78)	3	2056 cc (2.1 L) B21A1 DOHC (1990-91)	5
1599 cc (1.6 L) EG (1978-79)	3	2559 cc (2.6 L) 4ZE1 SOHC (1994-97)	6

	1.5739/1.5748	1.6929/1.6939	0.0591	0.6890	0.0005/0.0034	18 a 21	1
1-2-3-4-5	1.9676/1.9685	2.1260/2.1269	0.0791	0.7870	0.0005/0.0034	27 a 31	
1	2.1850/2.2440	3.0510/3.0710		0.0970			
1-2-3-4-5	1.9676/1.9685	2.1260/2.1269	0.0791	0.7870	0.0005/0.0034	30 a 35	2
1	2.1850/2.2440	3.0510/3.0710		0.0970			
	1.6526/1.6535	1.7717/1.7726	0.0591	0.6890	0.0005/0.0034	18 a 21	3
1-2-3-4-5	1.9676/1.9685	2.1260/2.1269	0.0791	0.7870	0.0005/0.0034	30 a 35	
1	2.1850/2.2440	3.0510/3.0710		0.0970			
	1.7707/1.7717	1.8898/1.8907	0.0592	0.7280	0.0008/0.0015	23	4
1-2-3-4-5	2.1644/2.1654	2.3228/2.3237	0.0790	0.7870	0.0010/0.0019	47	
4	2.4114/2.4213	3.2185/3.2283		0.0980			



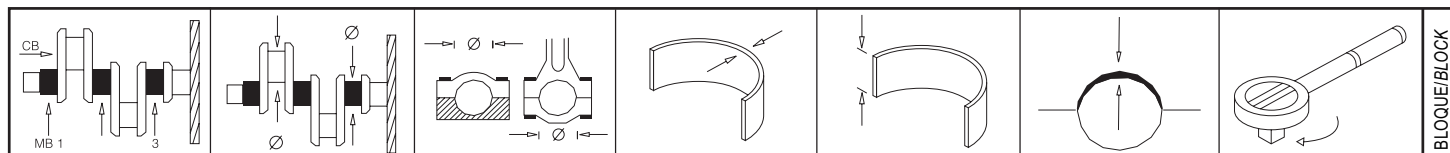
5	L4	1958 cc (2.0 L) B20A3 SOHC, B20A5 DOHC (1988-91) 2056 cc (2.1 L) B21A1 DOHC (1990-91)	1958- 3.189 in/81 mm x 3.740 in/95 mm 2056- 3.268 in/83 mm x 3.740 in/95 mm	PRELUDE	MS 1804 P MB 3176 P	STD, 10, 20, 30
					TW 473 S MB 3176 W	STD
6	L4	2559 cc (2.6 L) 4ZE1 SOHC Isuzu (1994-97)	3.646 in/92.6 mm x 3.736 in/95 mm	PASSPORT	CB 1480 P	STD, 10, 20, 30, 40
					MS 1821 P MB 3210 P	STD, 10, 20, 30, 40
					TW 451 S MB 3061 W	STD

HYUNDAI

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1439 cc (1.4 L) 4G33 Mitsubishi (1984-87)	1	1495 cc (1.5 L) G4EK SOHC 12V Mitsubishi Turbo (1993-95)	3
1468 cc (1.5 L) G4AJ 8V Mitsubishi (1986-94)	2	1797 cc (2.0 L) G63B SOHC (1985-89)	5
1495 cc (1.5 L) G4EK DOHC Mitsubishi (1996-98)	3	2350 cc (2.4 L) G4CS SOHC (1989-91)	5
1495 cc (1.5 L) G4EK SOHC 12V Mitsubishi (1993-98)	3	2351 cc (2.4 L) G64B SOHC (1989-91)	5

1	L4	1439 cc (1.4 L) 4G33 Mitsubishi (1984-87)	2.874 in/73 mm x 3.386 in/86 mm	PONY	CB 1120 P	STD, 10, 20, 30
					MS 1559 P MB 2869 P MB 1173 P (F)	STD, 10, 20, 30, 40
2	L4	1468 cc (1.5 L) G4AJ, G4DJ, 8V Mitsubishi (1986-94)	2.972 in/75.5 mm x 3.228 in/82 mm	EXCEL, SCOUPE	CB 1278 P	STD, 10, 20, 30
					MS 1668 P MB 3049 P MB 3050 P (F)	STD, 10, 20, 30
3	L4	1495 cc (1.5 L) G4EK, SOHC, DOHC 12V Mitsubishi (1993-98) 1495 cc (1.5 L) G4EK SOHC 12V Mitsubishi Turbo (1993-95)	2.972 in/75.5 mm x 3.287 in/83.5 mm	ACCENT, SCOUPE	MS 1668 P MB 3049 P MB 30501 P (F)	STD, 10, 20, 30
4	L5	1595 cc (1.6 L) DOHC Mitsubishi (1992-95) 1597 cc (1.6 L) 4G32 SOHC Mitsubishi (1985-90)	1595- 3.240 in/82.3 mm x 2.953 in/75 mm 1597- 3.028 in/76.9 mm x 3.386 in/86 mm	ELANTRA, PONY, STELLER	CB 1120 P	STD, 10, 20, 30
					MS 1559 P MB 2869 P MB 1173 P (F)	STD, 10, 20, 30
5	L4	1997 cc (2.0 L) G63B SOHC (1985-89) 2350 cc (2.4 L) G4CS SOHC (1989-91) 2351 cc (2.4 L) G64B SOHC Mitsubishi (1989-91)	1997- 3.346 in/85 mm x 3.465 in/88 mm 2350- 3.405 in/86.5 mm x 3.937 in/100 mm 2351- 3.405 in/86.5 mm x 3.937 in/100 mm	SONATA, STELLER	CB 1120 P	STD, 10, 20, 30
					MS 1559 P MB 2869 P MB 1173 P (F)	STD, 10, 20, 30
6	V6	2972 cc (3.0 L) 6G72 SOHC (1990-98) 2972 cc (3.0 L) G6AT Mitsubishi (1989-98)	3.587 in/91.1 mm x 2.992 in/76 mm	SONATA	CB 1411 P	STD, 10, 20, 30
					MS 1720 P MB 3108 P TW 458 S TW 3108 W (U) TW 3108 W (L)	STD, 10, 20, 30 STD



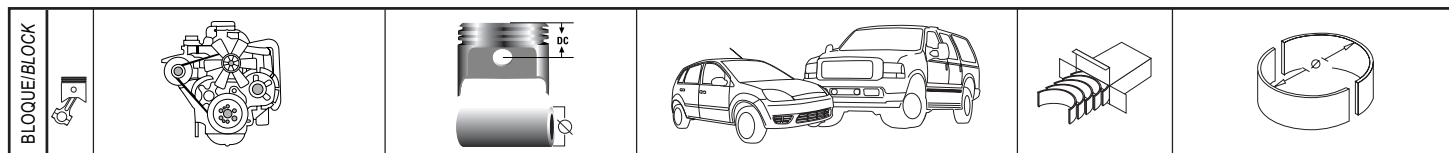
1-2-3-4-5	2.1644/2.1654	2.3228/2.3237	0.0790	0.7870	0.0010/0.0019	47	5
4	2.4114/2.4213	3.2185/3.2283		0.0980			
	1.9262/1.9268	2.0466/2.0474	0.0596	0.8320	0.0010/0.0026	43	6
1-2-3-4-5	2.2016/2.2022	2.3614/2.3622	0.0791	0.8610	0.0012/0.0028	72	
3	2.5197	3.1575		0.0930			

HYUNDAI

ÍNDICE DE MOTORES/ENGINE INDEX

5 CILINDROS/5 CYLINDERS		6 CILINDROS/6 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1595 cc (1.6 L) DOHC Mitsubishi (1992-95)	4	2972 cc (3.0 L) 6G72 SOHC Mitsubishi (1990-98)	6
1597 cc (1.6 L) 4G32 SOHC Mitsubishi (1985-90)	4	2972 cc (3.0 L) G6AT Mitsubishi (1989-98)	6

	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	1
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	
	1.6527/1.6535	1.7717/1.7725	0.0588	0.6940	0.0011/0.0035	24 a 25	2
1-2-4-5	1.8890/1.8898	2.0472/2.0480	0.0783	0.7520	0.0011/0.0034	37 a 39	
3	1.8890/1.8898	2.0472/2.0480	0.0793	0.9430	0.0011/0.0034	37 a 39	3
1-2-4-5	1.8890/1.8898	2.0472/2.0480	0.0783	0.7520	0.0011/0.0034	37 a 39	
3	1.8890/1.8898	2.0472/2.0480	0.0793	0.9430	0.0011/0.0034	37 a 39	4
	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	5
3	2.2435/2.2441	2.4016/2.4024	0.0783	1.1400	0.0008/0.0032	36 a 39	
	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	6
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	
3	2.2435/2.2441	2.4016/2.4024	0.0783	1.1400	0.0008/0.0032	36 a 39	6
	1.9677/1.9685	2.0866/2.0868	0.0587	0.6120	0.0009/0.0027	38	
1-2-3-4	2.3614/2.3622	2.5197/2.5204	0.0784	0.7120	0.0007/0.0034	60	6
3	2.5984/2.6083	3.0492/3.0594		0.0778			
3	2.5984/2.6083	3.0492/3.0594		0.0778			

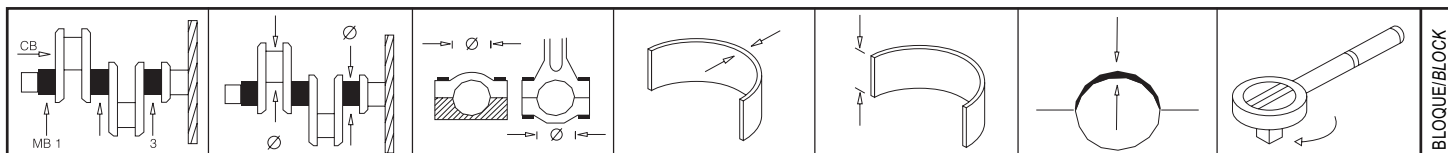


ISUZU

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1817 cc (1.8 L) G180Z SOHC (1981-85)	1	2775 cc (2.8 L) 4BA1 Diesel (1973-90)	6
1949 cc (1.9 L) G200Z SOHC (1983-87)	2	3268 cc (3.3 L) 4BC1 Diesel (1979-84)	6
1994 cc (1.9 L) 4ZC1 SOHC Turbo (1985-89)	3	3595 cc (3.6 L) 4BB1 Diesel (1973-90)	6
2254 cc (2.3 L) 4ZD1 SOHC (1986-95)	3	3856 cc (3.9 L) 4BD1 OHV (1985-90)	7
134 CID (2.2 L) OHV Chevrolet (1996-03)	4	3856 cc (3.9 L) 4BD1T OHV Turbo (1986-91)	7
2559 cc (2.6 L) 4ZE1 SOHC (1988-97)	5	3856 cc (3.9 L) 4BD2TC OHV Turbo (1992-99)	7

1	L4	1817 cc (1.8 L) G180Z SOHC (1981-85)	3.307 in/84 mm x 3.228 in/82 mm	I-MARK, PICK UP	CB 1654 P	STD, 10, 20, 30, 40
					MS 1298 P	STD, 10, 20, 30
					MB 974 P MB 975 P	
					TW 451 S	STD
2	L4	1949 cc (1.9 L) G200Z SOHC (1983-87)	3.425 in/87 mm x 3.228 in/82 mm	IMPULSE, PICK UP, TROOPER II	MB 3061 W	
					CA 102 S	STD
					MIA-1-3 (U) MIA-1-1 (U) MIA-1-4 (L)	
					CB 1654 P	STD, 10, 20, 30, 40
3	L4	1994 cc (2.0 L) 4ZC1 SOHC Turbo (1985-89) 2254 cc (2.3 L) 4ZD1 SOHC (1986-95)	1994- 3.465 in/88 mm x 3.228 in/82 mm 2254- 3.516 in/89.3 mm x 3.543 in/90 mm	AMIGO, IMPULSE, PICK UP, TROOPER II	MS 1298 P	STD, 10, 20, 30 (1983-85)
					MB 974 P MB 975 P	
					MS 1775 P	STD, 10, 20, 30 (1986-87)
					MB 3061 P	
4	L4	134 (2.2 L) OHV Chevrolet (1996-03)	3.504 in/89 mm x 3.465 in/88 mm	HOMBRE	TW 451 S	STD
					MB 3061 W	
					CB 745 P	STD, 10, 20, 30, 40, 50, 60
					MS 1704 P	STD, 10, 20, 30
5	L4	134 (2.2 L) OHV Chevrolet (1996-03)	3.504 in/89 mm x 3.465 in/88 mm	HOMBRE	MB 2854 P MB 2883 P (F)	
					SH 1365 S	STD
					SH 1365 SH 1364 SH 1363	

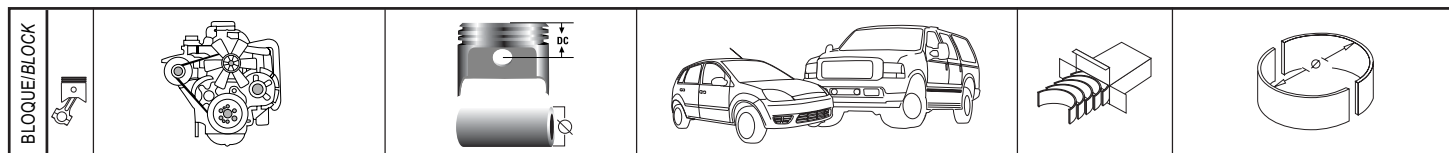


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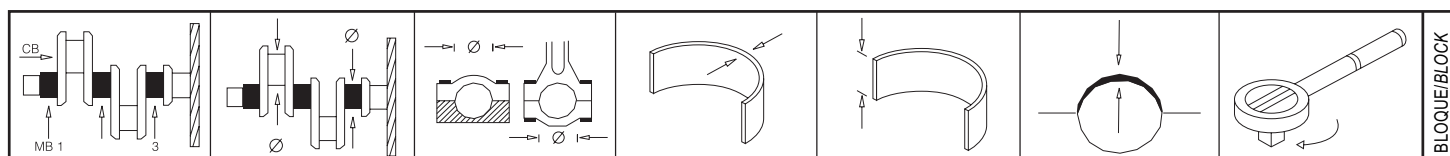
ÍNDICE DE MOTORES/ENGINE INDEX

6 CILINDROS/6 CYLINDERS		8 CILINDROS/8 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
2827 cc (2.8 L) LL2 Chevrolet (1989-91)	8	350 CID (5.7 L) Chevrolet (1993-02)	10
3137 cc (3.1 L) CPC, LG6 Chevrolet (1991-94)	8		
262 cc (4.3 L) Vortec 4300 Chevrolet (1997-00)	9		

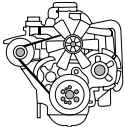
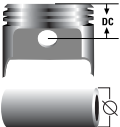
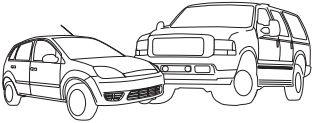
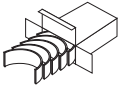
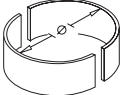
	1.9262/1.9268	2.0466/2.0472	0.0596	0.8460	0.0005/0.0021	43	1
1-3-5	2.2016/2.2022	2.3220/2.3228	0.0596	1.2600	0.0009/0.0039	72	
2-4	2.2016/2.2022	2.3220/2.3228	0.0596	0.8270	0.0009/0.0039	72	
	2.5197	3.1575		0.0930			
1		1.4225	0.0422	0.7950			
2-3-4-5		1.4225	0.0422	0.7950			
1-2-3-4-5		1.4225	0.0422	0.7950			2
	1.9262/1.9268	2.0466/2.0472	0.0596	0.8460	0.0005/0.0021	43	
1-3-5	2.2016/2.2022	2.3220/2.3228	0.0596	1.2600	0.0009/0.0039	72	
2-4	2.2016/2.2022	2.3220/2.3228	0.0596	0.8270	0.0009/0.0039	72	
1-3-4-5	2.2016/2.2020	2.3612/2.3622	0.0596	0.8660	0.0013/0.0028	72	
3	2.5197	3.1575		0.0930			
1		1.4225	0.0422	0.7950			3
2-3-4-5		1.4225	0.0422	0.7950			
1-2-3-4-5		1.4225	0.0422	0.7950			
	1.9262/1.9268	2.0466/2.0472	0.0596	0.8460	0.0005/0.0021	43	
1-3-4-5	2.2016/2.2020	2.3612/2.3622	0.0596	0.8660	0.0013/0.0028	72	
3	2.5197	3.1575		0.0930			
	1.9990/2.0000	2.1247/2.1252	0.0621	0.8420	0.0010/0.0035	38	4
1-2-3-5	2.4944/2.4954	2.6870/2.6880	0.0955	0.7420	0.0009/0.0039	70	
4	2.4944/2.4954	2.6870/2.6880	0.0955	0.9420	0.0009/0.0039	70	
1	1.8677/1.8697	2.0190/2.0200	0.0742	0.6340	0.0015/0.0041		
2-5	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		
3-4	1.8677/1.8697	1.9990/2.0010	0.0640	0.6340	0.0015/0.0041		



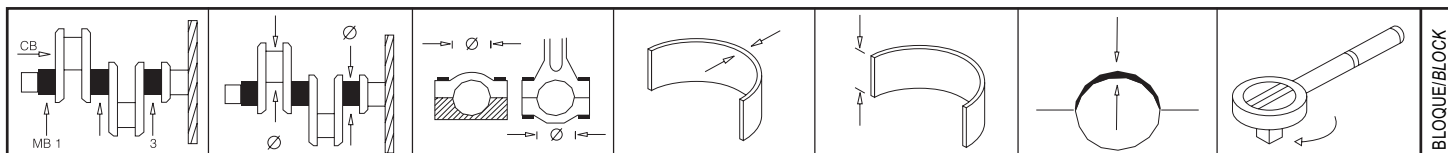
5	L4	2559 cc (2.6 L) 4ZE1 SOHC (1988-97)	3.646 in/92.6 mm x 3.736 in/95 mm	PICK UP, TROOPER II	CB 1480 P	STD, 10, 20, 30, 40
					MS 1821 P MB 3161 P	STD, 10, 20, 30, 40
					TW 451 S MB 3061 W	STD
6	L4	2775 cc (2.8 L) 4BA1 Diesel (1973-90) 3268 cc (3.3 L) 4BC1 Diesel (1979-84) 3595 cc (3.6 L) 4BB1 Diesel (1973-90)		INDUSTRIAL	CB 1095 P	STD, 10, 20, 30
					TW 368 S MB 2851 W (U) MB 2851 W (L)	STD
7	L4	3856 cc (3.9 L) 4BD1 OHV Diesel (1985-90) 3856 cc (3.9 L) 4BD1, 4BD2TC OHV Turbo Diesel (1986-99)	4.016 in/102 mm x 4.646 in/118 mm	NPR	CB 1095 P	STD, 10, 20, 30
					MS 1752 P MB 3148 P MB 3149 P	STD, 10, 20, 30
					TW 368 S MB 2851 W (U) MB 2851 W (L)	STD
8	V6	2827 cc (2.8 L) (1989-91) 3137 cc (3.1 L) CPC (LG6) (1991-94) Chevrolet	2827- 3.500 in/88.9 mm x 2.992 in/76 mm 3137- 3.504 in/89 mm x 3.307 in/84 mm	PICK UP, RODEO, TROOPER II	CB 1238 P	STD, 10, 20, 30, 40
					MS 2037 P MB 3511 P MB 3512 P MB 3143 P (F)	STD, 10, 20, 30,
					SH 1102 S SH 1102 SH 1103 SH 1104	STD, 10*



	1.9262/1.9268	2.0466/2.0474	0.05960	0.8320	0.0010/0.0026	43	5
1-2-3-4-5	2.2016/2.2022	2.3614/2.3622	0.0791	0.8610	0.0012/0.0028	72	
3	2.5197	3.1575		0.0930			
	2.5165/2.5175	2.6770/2.6778	0.0793	1.1730	0.0012/0.0029	76	6
4	3.4646	3.9764		0.0980			
4	3.4646	3.9764		0.0980			
	2.5165/2.5175	2.6770/2.6778	0.0793	1.1730	0.0012/0.0029	76	7
1-2-4-5	3.1464/3.1471	3.3464/3.3472	0.0991	1.0500	0.0013/0.0034	180	
3	3.1464/3.1471	3.3464/3.3472	0.0991	1.0500	0.0013/0.0034	180	
4	3.4646	3.9764		0.0980			
4	3.4646	3.9764		0.0980			
	1.9984/1.9994	2.1245/2.1255	0.0623	0.7210	0.0010/0.0036	34 a 40	8
1-4	2.6473/2.6479	2.8407/2.8412	0.0958	0.9770	0.0015/0.0036	63 a 74	
2	2.6473/2.6479	2.8407/2.8412	0.0958	0.7380	0.0015/0.0036	63 a 74	
3	2.6473/2.6479	2.8407/2.8412	0.0958	0.9420	0.0015/0.0036	63 a 74	
1	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		
2-3	1.8677/1.8697	1.9990/2.0010	0.0690	0.6340	0.0015/0.0041		
4	1.8677/1.8697	2.0090/2.0110	0.0690	0.6340	0.0015/0.0041		

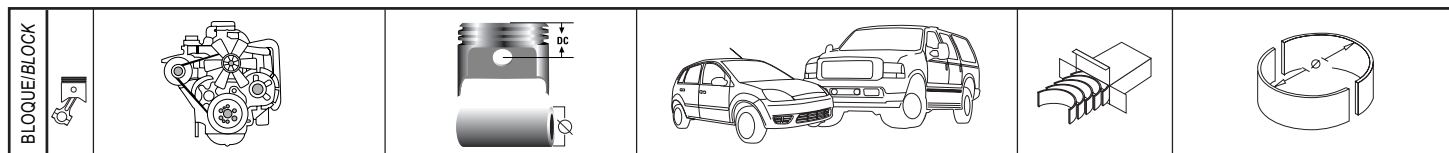
BLOQUE/BLOCK						
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9	V6	262 (4.3 L) Vortec 4300 (1997-00)	4.000 in/101.6 mm x 3.484 in/88.5 mm	HOMBRE	CB 1358 P	STD, 10, 20, 30, 40
					CB 3202 P	10, 20, 30, 40 Diám. exterior + .002"
					MS 1454 P	STD, 10, 20, 30, 40, 50, 60
					MB 2508 P MB 2509 P (F)	
					MS 2215 P	10, 20, 30, 40
					MB 2508 P MB 3119 P (F)	
					MS 1628 P	10, 20, 30, 40
					MB 2508 P MB 2981 P (F)	
					MS 5184 P	10, 20, 30, 40
					MB 2508 P MB 3120 P (F)	
					SH 1089 S	STD
					SH 290 SH 288 SH 287	
					SH 1798 S	STD
					SH 1798	
					SH 1351 S	STD
					SH 290 SH 288 SH 287	
					Motores estampados con letra "T" al frente del block (1992-04)	



BLOQUE/BLOCK

	2.2487/2.2498	2.3747/2.3757	0.0622	0.7450	0.0010/0.0036	45	9
	2.2487/2.2498		0.0632	0.7450	0.0010/0.0036		
1-2-3	2.4483/2.4493	2.4606/2.6416	0.0955	0.8070	0.0006/0.0036	70	
4	2.4478/2.4488	2.4606/2.4616	0.0955	1.7180	0.0011/0.0041	70	
1-2-3	2.4483/2.4493	2.4606/2.6416	0.0955	0.8070	0.0006/0.0036	70	
4	2.4478/2.4488	2.4606/2.4616	0.0955	1.7280	0.0011/0.0041	70	
Cojinete de ceja contiene sobremedida axial .010"/Flange Bearing with a .010" axial oversize							
1-2-3	2.4483/2.4493	2.4606/2.6416	0.0955	0.8070	0.0006/0.0036	70	
4	2.4478/2.4488	2.4606/2.4616	0.0955	1.7380	0.0011/0.0041	70	
Cojinete de ceja contiene sobremedida axial .020"/Flange Bearing with a .020" axial oversize							
1-2-3	2.4483/2.4493	2.4606/2.6416	0.0955	0.8070	0.0006/0.0036	70	
4	2.4478/2.4488	2.4606/2.4616	0.0955	1.7480	0.0011/0.0041	70	
Cojinete de ceja contiene sobremedida axial .030"/Flange Bearing with a .030" axial oversize							
1	1.8682/1.8692	2.0190/2.0210	0.0744	0.7500	0.0010/0.0050		
2-4	1.8682/1.8692	1.9990/2.0010	0.0694	0.7500	0.0010/0.0050		
3	1.8682/1.8692	2.0090/2.0110	0.0644	0.7500	0.0010/0.0050		
Posterior/Rear	1.4986/1.5000	1.8375/1.8745	0.1866	0.8400	0.0005/0.0051		
Flecha balanceadora/Balance Shaft							
1- 4	1.8682/1.8692	2.0190/2.0210	0.0744	0.7500	0.0010/0.0050		
2	1.8682/1.8692	1.9990/2.0010	0.0694	0.7500	0.0010/0.0050		
3	1.8682/1.8692	2.0090/2.0110	0.0644	0.7500	0.0010/0.0050		



10	V8	350 (5.7 L) (1993-02) Chevrolet	4.000 in/101.6 mm x 3.484 in/88.5 mm	NPR	CB 663 P STD, 10, 20, 30, 40, 50, 60 CB 1776 P 10, 20, 30, 40 Diám. exterior + .002" MS 909 P STD, 10, 20, 30, 40, 50, 60 MB 2508 P MB 2509 P (F) MS 1744 P 10, 20, 30, 40 MB 2508 P MB 3119 P (F) MS 1626 P 10, 20, 30, 40 MB 2508 P MB 2981 P (F) MS 5183 P 10, 20, 30, 40 MB 2508 P MB 3120 P (F) SH 290 S STD SH 290 SH 288 SH 287
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KIA

ÍNDICE DE MOTORES/ENGINE INDEX

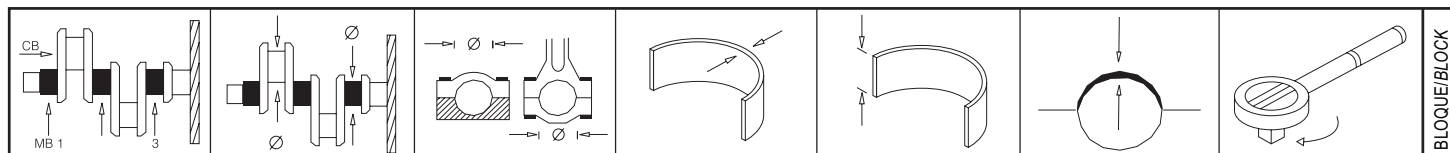
4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
122 CID (2.0 L) SOHC Mazda (1995)	1	122 CID (2.0 L) DOHC Mazda 16V (1989-92)	1

1	L4	122 (2.0 L) SOHC Mazda (1995) 122 (2.0 L) DOHC Mazda 16V (1989-92)	3.386 in/86 mm x 3.701 in/94 mm	SPORTAGE	CB 1362 P (1995) STD, 10, 20, 30, 40 MS 1803 P STD, 10, 20, 30, 40 MB 3174 P MB 3175 P (F)
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LADA

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1198 cc (1.2 L) 1200 (1964-85)	1	1451 cc (1.5 L) 1500 Vaz 2103/2104 (1978-90)	2
1294 cc (1.3 L) 1300 (1974-90)	1	1568 cc (1.6 L) 1600 Vaz 2106 4x4 (1977-85)	2



	2.0992/2.1000	2.2247/2.2252	0.0620	0.8420	0.0012/0.0037	35 (11/32")	10
	2.0992/2.1000			0.8420	0.0012/0.0037	45 (3/8") (Tornillos)	
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.6406/2.6416	0.0955	1.7180	0.0011/0.0041	75	
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.4606/2.4616	0.0955	1.7280	0.0011/0.0041	75	
Cojinete de ceja contiene sobremedida axial .010"/Flange Bearing with a .010" axial oversize							
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.4606/2.4616	0.0955	1.7380	0.0011/0.0041	75	
Cojinete de ceja contiene sobremedida axial .020"/Flange Bearing with a .020" axial oversize							
1-2-3-4	2.4483/2.4493	2.6406/2.6416	0.0955	0.8070	0.0006/0.0036	75	
5	2.4478/2.4488	2.4606/2.4616	0.0955	1.7480	0.0011/0.0041	75	
Cojinete de ceja contiene sobremedida axial .030"/Flange Bearing with a .030" axial oversize							
1	1.8682/1.8692	2.0190/2.0210	0.0744	0.7500	0.0010/0.0050		
2-5	1.8682/1.8692	2.0090/2.0120	0.0694	0.7500	0.0010/0.0050		
3-4	1.8682/1.8692	1.9990/2.0010	0.0644	0.7500	0.0010/0.0050		

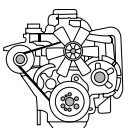
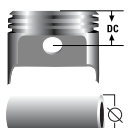
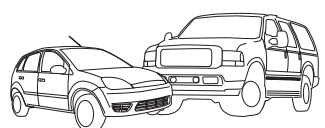
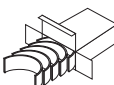
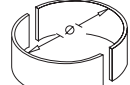
KIA

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	2.0055/2.0061	2.1261/2.1267	0.0594	0.8320	0.0012/0.0026	37 a 41	1
1-2-4-5	2.3597/2.3604	2.5197/2.5203	0.0793	0.7530	0.0007/0.0030	61 a 68	
3	2.3597/2.3604	2.5197/2.5203	0.0793	1.1020	0.0007/0.0030	61 a 68	

LADA

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BLOQUE/BLOCK						
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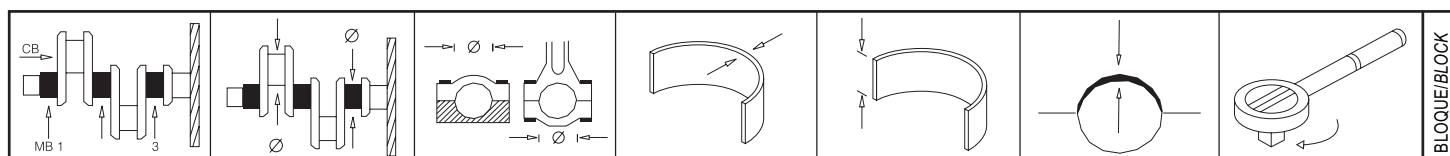
1	L4	1198 cc (1.2 L) 1200 (1964-85) 1294 cc (1.3 L) 1300 (1974-90)	1189- 76 mm x 66 mm 1294- 79 mm x 66 mm	LADA 1200, 1300, COMBI	CB 3201 P	STD, 10, 20, 30
					MS 3501 P	STD, 10, 20, 30
					MB 3553 P MB 3554 P	
2	L4	1451 cc (1.5 L) 1500 Vaz 2103/2104 (1978-90) 1568 cc (1.6 L) 1600 Vaz 2106 4x4 (1977-85)	1451- 76 mm x 80 mm 1568- 79 mm x 80 mm	LADA 1500, 1600, COMBI, NIVA	TW 177 S	STD
					MB 2485 W	
					CB 3201 P	STD, 10, 20, 30
					MS 3501 P	STD, 10, 20, 30
					MB 3553 P MB 3554 P	
					TW 177 S	STD
					MB 2485 W	

MAZDA

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4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1272 cc (1.3 L) TC SOHC (1976-77)	1	1989 cc (2.0 L) Zetec DOHC 16V (2001-03)	5
1415 cc (1.4 L) UC SOHC (1979-80)	1	1970 cc (2.0 L) MA SOHC (1979-84)	3
1490 cc (1.5 L) Z5-DE DOHC (1995-98)	1	1985 cc (2.0 L) VA (1971-79)	4
1490 cc (1.5 L) E5 SOHC (1981-85)	1	1998 cc (2.0 L) FE SOHC (1983-87)	6
1586 cc (1.6 L) NA SOHC (1970-77)	2	1998 cc (2.0 L) FE SOHC Turbo (1986-87)	6
1796 cc (1.8 L) VB Car SOHC (1972-73)	3	2184 cc (2.2 L) F2 SOHC (1987-93)	6
1796 cc (1.8 L) VB Truck SOHC (1977-78)	3		

1	L4	1272 cc (1.3 L) TC SOHC (1976-77) 1415 cc (1.4 L) UC SOHC (1979-80) 1490 cc (1.5 L) E5 SOHC (1981-85)	1272- 2.874 in/73 mm x 2.992 in/76 mm 1415- 3.031 in/77 mm x 2.992 in/76 mm 1490- 3.031 in/77 mm x 3.150 in/80 mm	1300, GLC	CB 1279 P	STD, 10, 20, 30
					MS 1560 P	STD, 10, 20, 30
					MB 2870 P	
2	L4	1586 cc (1.6 L) NA SOHC (1970-77)	3.071 in/78 mm x 3.268 in/83 mm	616, 808, B1600	TW 370 S	STD
					MB 2870 W (L) MB 2870 W (U)	
					CB 1250 P	STD, 10, 20, 30
					MS 1427 P	STD, 10, 20, 30
					MB 1072 P MB 1073 P MB 2745 P	
					SH 1066 S	STD
					SH 1066 SH 1067	
					TW 231 S	STD
					MB 649 W (L) MB 649 W (U)	
					CA 109 S	STD
					MZA-2-3 (U) MZA-2-1 (U) MZA-2-2 (L)	



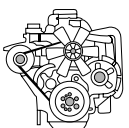
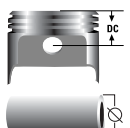
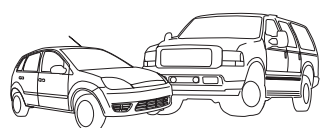
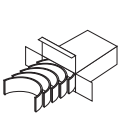
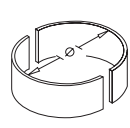
	1.8824/1.8832	2.0209/2.0215	0.0678	0.8070	0.0021/0.0041	34 a 36	1
1-2-4-5	1.9990/1.9990	2.1459/2.1465	0.0720	0.8370	0.0021/0.0041	54 a 56	
3	1.9990/1.9990	2.1459/2.1465	0.0720	0.8960	0.0019/0.0037	54 a 56	
	2.2290/2.2390	2.7040/2.7500	0.0930				
	1.8824/1.8832	2.0209/2.0215	0.0678	0.8070	0.0021/0.0041	34 a 36	2
1-2-4-5	1.9990/1.9990	2.1459/2.1465	0.0720	0.8370	0.0021/0.0041	54 a 56	
3	1.9990/1.9990	2.1459/2.1465	0.0720	0.8960	0.0019/0.0037	54 a 56	
	2.2290/2.2390	2.7040/2.7500	0.0930				

MAZDA

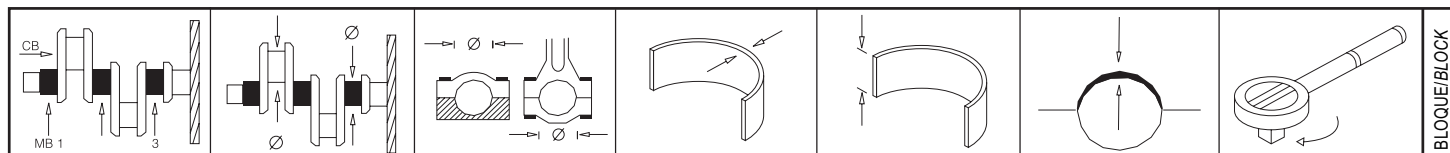
ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		6 CILINDROS/6 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1998 cc (2.0 L) RF SOHC Diesel (1984-85)	7	2554 cc (2.6 L) KJ DOHC Súper cargado (1995-96)	10
2184 cc (2.2 L) F2 SOHC Turbo (1988-92)	6	181 CID/2967 cc (3.0 L) DOHC Duratec 24V Ford (2001-03)	11
140 CID (2.3 L) SOHC Turbo (1994-97)	8	183 CID (3.0 L) OHV Ford (1994-03)	12
153 CID (2.5 L) SOHC Ford (1998-01)	8	244 CID (4.0 L) SOHC Ford (2001)	13
2555 cc (2.6 L) AM1 SOHC (1987-88)	9	4016 cc (4.0 L) OHV Ford (1991-00)	13

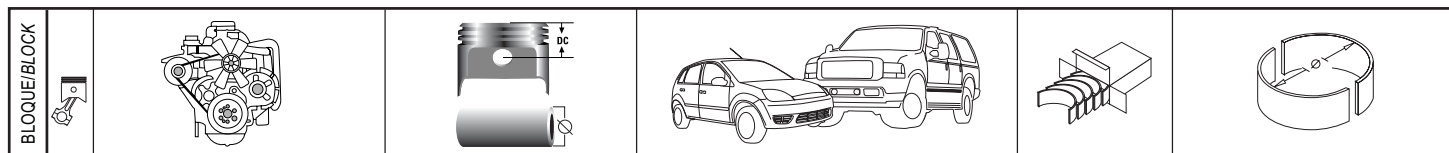
	1.5724/1.5730	1.6929/1.6935	0.0596	0.6740	0.0010/0.0031	22 a 25	1
1-2-3-4-5	1.9661/1.9667	2.1260/2.1265	0.0793	0.7530	0.0010/0.0031	48 a 51	
	2.2440/2.2559	2.7047/2.7165		0.0790			
	2.2440/2.2559	2.7047/2.7165		0.0790			
	2.0842/2.0848	2.2048/2.2054	0.0594	0.8240	0.0017/0.0039	31	2
1-2-4	2.4779/2.4785	2.6378/2.6385	0.0793	0.7140	0.0010/0.0034	63	
3	2.4779/2.4785	2.6378/2.6385	0.0793	0.9500	0.0010/0.0034	63	
5	2.4779/2.4785	2.6378/2.6385	0.0793	0.9500	0.0010/0.0034	63	
1	1.7695/1.7701	1.9295/1.9305	0.0793	0.9500	0.0007/0.0039		
2-3	1.7695/1.7701	1.9295/1.9305	0.0793	0.7140	0.0007/0.0039		
5	2.7560/2.7760	3.3660/3.3860		0.0800			
5	2.7560/2.7760	3.3660/3.3860		0.0800			
1-5		1.3439	0.0422	0.8300			
2-3-4		1.3439	0.0422	0.7000			
1-2-3-4-5		1.3439	0.0422	0.8300			

BLOQUE/BLOCK						
3	L4	1796 cc (1.8 L) VB Car SOHC (1972-73) 1970 cc (2.0 L) MA SOHC (1979-84)	3.071 in/78 mm x 3.268 in/83 mm	618, 626, B1800	CB 1110 P	STD, 10, 20, 30, 40
					MS 1427 P	STD, 10, 20, 30
					MB 1072 P MB 1073 P MB 2745 P	
					SH 1066 S	STD
					SH 1066 SH 1067	
					TW 231 S	STD
4	L4	1985 cc (2.0 L) VA (1971-79)	3.228 in/82 mm x 3.701 in/94 mm	1300	MB 649 W (L) MB 649 W (U)	
					CA 109 S	STD
5	L4	1989 cc (2.0 L) Zetec DOHC 16V Ford (2001-03)	3.339 in/84.8 mm x 3.461 in/87.9 mm	TRIBUTE	MZA-2-3 (U) MZA-2-1 (U) MZA-2-2 (L)	
6	L4	1998 cc (2.0 L) FE SOHC (1983-87) 1998 cc (2.0 L) FE SOHC Turbo (1986-87) 2184 cc (2.2 L) F2 SOHC (1987-93)	1998- 3.386 in/86 mm x 3.701 in/94 mm 2184- 3.386 in/86 mm x 3.701 in/94 mm	626, B2000, B2200, MX6	CB 1250 P	STD, 10, 20, 30
					CB 4121 P	STD, 10, 20, 30
					MS 3001 P	STD, 10, 20, 30
7	L4	1989 cc (2.0 L) Zetec DOHC 16V Ford (2001-03)	3.339 in/84.8 mm x 3.461 in/87.9 mm	TRIBUTE	MB 5053 P MB 5054 P (F)	
8	L4	1998 cc (2.0 L) RF SOHC Diesel (1984-85)	3.386 in/86 mm x 3.386 in/86 mm	626	CB 1362 P	STD, 10, 20, 30, 40
					MS 1803 P	STD, 10, 20, 30, 40
					MB 3174 P MB 3175 P (F)	
9	L4	140 (2.3 L) SOHC (1994-97) 153 (2.5 L) SOHC (1998-01) Ford	140- 3.780 in/96 mm x 3.125 in/79.4 mm 153- 3.780 in/96 mm x 3.397 in/86.3 mm	B2300	CA 109 S	STD
					CAZ-2-3 (U) CAZ-2-1 (U) CAZ-2-2 (L)	
10	V6	2555 cc (2.6 L) AM1 SOHC (1987-88)	3.587 in/91.1 mm x 3.858 in/98 mm	B2600	SH 777 S	STD, 10*
					SH 777	
11	L4	2254 cc (2.3 L) KJ DOHC Súper cargado (1995-96)	3.160 in/80.3 mm x 2.921 in/74.2 mm	MILLENNIA	CB 1362 P	STD, 10, 20, 30, 40
					MS 1945 P	STD, 10, 20, 30, 40
					MB 3053 P MB 3339 P (F)	
12	L4	2254 cc (2.3 L) KJ DOHC Súper cargado (1995-96)	3.160 in/80.3 mm x 2.921 in/74.2 mm	MILLENNIA	SH 1429 S	STD
					SH 1760 SH 1429	
13	V6	2254 cc (2.3 L) KJ DOHC Súper cargado (1995-96)	3.160 in/80.3 mm x 2.921 in/74.2 mm	MILLENNIA	CB 1635 P	STD, 10, 20, 30

* Producto disponible hasta agotar existencias./Until existence are available.



	2.0842/2.0848	2.2049/2.2055	0.0596	0.8710	0.0014/0.0036	31	3
1-2-4	2.4779/2.4785	2.6378/2.6385	0.0793	0.7140	0.0010/0.0034	63	
3	2.4779/2.4785	2.6378/2.6385	0.0793	0.9500	0.0010/0.0034	63	
5	2.4779/2.4785	2.6378/2.6385	0.0793	0.9500	0.0010/0.0034	63	
1	1.7695/1.7701	1.9295/1.9305	0.0793	0.9500	0.0007/0.0039		
2-3	1.7695/1.7701	1.9295/1.9305	0.0793	0.7140	0.0007/0.0039		
5	2.7560/2.7760	3.3660/3.3860		0.0800			4
5	2.7560/2.7760	3.3660/3.3860		0.0800			
1-5		1.3439	0.0422	0.8300			
2-3-4		1.3439	0.0422	0.7000			
1-2-3-4-5		1.3439	0.0422	0.8300			
	2.0842/2.0848	2.2048/2.2054	0.0594	0.8240	0.0017/0.0039	30 a 38	
	1.8461/1.8468	1.9642/1.9650	0.0585	0.8020	0.0008/0.0017	17 a 19 + 90°	5
1-2-4-5	2.2827/2.2834	2.4522/2.4528	0.0842	0.7710	0.0003/0.0016	13 a 16 + 90°	
3	2.2827/2.2834	2.4522/2.4528	0.0842	0.9730	0.0007/0.0030	13 a 16 + 90°	
	2.0055/2.0061	2.1261/2.1267	0.0594	0.8320	0.0012/0.0026	37 a 41 (FE)	
1-2-4-5	2.3597/2.3604	2.5197/2.5203	0.0793	0.7530	0.0007/0.0030	48 a 51 (F2)	
3	2.3597/2.3604	2.5197/2.5203	0.0793	1.1020	0.0007/0.0030	61 a 65	
1-5		1.3439	0.0422	0.8300			6
2-3-4		1.3439	0.0422	0.7000			
1-2-3-4-5		1.3439	0.0422	0.8300			
	2.0055/2.0061	2.1261/2.1267	0.0594	0.8320	0.0012/0.0026	51 a 54	
	2.0465/2.0472	2.1720/2.1728	0.0624	0.8000	0.0005/0.0030	30 a 36	
1-2-4-5	2.2051/2.2059	2.3971/2.3979	0.0956	0.9500	0.0008/0.0026	80 a 90	
3	2.2051/2.2059	2.3971/2.3979	0.0956	1.1940	0.0008/0.0026	80 a 90	7
1-2-3-4	1.7712/1.7720	1.9006/1.9016	0.0638	0.7030	0.0010/0.0045		
	2.0858/2.0866	2.2047/2.2055	0.0590	0.9840	0.0005/0.0028	33 a 34	
1-2-4-5	2.3614/2.3622	2.5197/2.5205	0.0783	0.9890	0.0011/0.0037	55 a 61	
3	2.3614/2.3622	2.5197/2.5205	0.0783	1.2190	0.0011/0.0037	55 a 61	
Der. frontal/Right Front	0.9039/0.9047	1.0236/1.0244	0.0593	0.7090	0.0008/0.0034		
Der.-izq. trasero/ L.-R. Rear	1.6933/1.6939	1.8122/1.8130	0.0585	0.7950	0.0013/0.0037		9
	1.8894/1.8900	2.0075/2.0081	0.0584	0.8060	0.0010/0.0023	20 + 90°	10



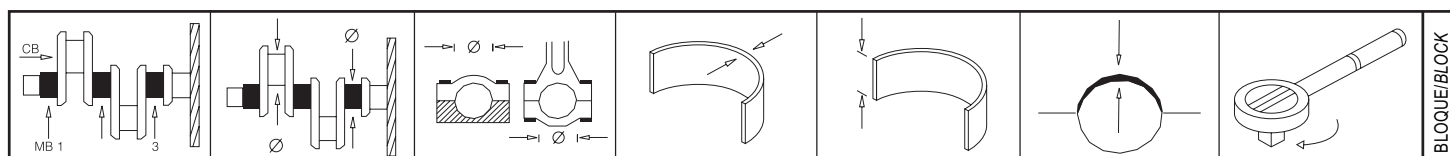
11	V6	181/2967 cc (3.0 L) DOHC Duratec 24V Ford (2001-03)	3.504 in/89 mm x 3.130 in/79.5 mm	TRIBUTE	CB 6155 P	STD, 10, 20, 30
					MS 3000 P MB 5050 P MB 5051 P (F) MB 5052 W	STD, 10, 20, 30
12	V6	183 (3.0 L) OHV Ford (1994-03)	3.504 in/89 mm x 3.150 in/80 mm	B3000	CB 1385 P	STD, 10, 20, 30
					MS 1702 P MB 3093 P MB 3094 P (F) MB 3095 P	STD, 10, 20, 30
					SH 1789 S SH 1334 SH 1335 SH 1789	STD
13	V6	4016 cc (4.0 L) OHV (1991-00) 244 (4.0 L) SOHC (2001) Ford	3.953 in/100.4 mm x 3.307 in/84 mm	B4000	CB 723 P	STD, 10, 20, 30, 40
					MS 2006 P MB 2350 P MB 3416 P (F)	STD, 10, 20, 30, 40
					SH 1441 S SH 1441 SH 1442 SH 1443 SH 1444	STD OHV
					SH 1977 S SH 1977 SH 1978	STD SOHC

MERCEDES-BENZ

ÍNDICE DE MOTORES/ENGINE INDEX

6 CILINDROS/6 CYLINDERS		
Motor/Engine	Bloque/Block	
OM 352, OM 366, OM 366-A, OM 366-LA (5.7 L) (1965-90)	1	

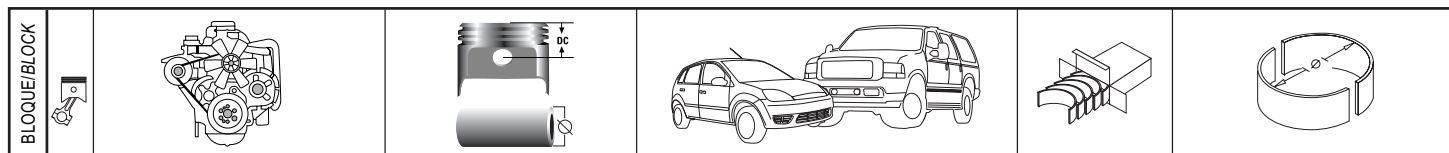
1	L6	OM 352, OM 366, OM 366-A, OM 366-LA (5.7 L) (1965-90)	3.819 in/97 mm x 5.039 in/128 mm	OM 352, OM 366, OM 366-A, OM 366-LA (5.7 L)	CB 1117 P	STD, 10, 20, 30
					MS 1581 P MB 282 P MB 2915 P (F)	STD, 10, 20, 30, 40
					SH 1011 S SH 1228 SH 607 SH 608 SH 609	STD, 10
					CLV 050 Buje de balancín/Balance Beam Bushing	SEMI
					CLV 150	SEMI



	1.9674/1.9681	2.0872/2.0880	0.0591	0.7090	0.0010/0.0025	26 a 36 + 90°	11
1-2-3-4	2.4791/2.4800	2.6771/2.6780	0.0981	0.7070	0.0009/0.0019		
4	2.4791/2.4800	2.6771/2.6780	0.0981	0.8780	0.0009/0.0019		
4			0.0767				
	2.1253/2.1261	2.2500/2.2508	0.0618	0.7630	0.0010/0.0027	23 a 29	12
1-2	2.5190/2.5198	2.7120/2.7128	0.0962	0.7420	0.0010/0.0023	63 a 69	
3	2.5190/2.5198	2.7120/2.7128	0.0960	1.0110	0.0010/0.0023	63 a 69	
4	2.5190/2.5198	2.7120/2.7128	0.0962	1.0690	0.0010/0.0023	63 a 69	
1	2.0074/2.0084	2.1531/2.1541	0.0713	0.9650	0.0010/0.0030		13
2-3	2.0074/2.0084	2.1334/2.1344	0.0614	0.5420	0.0010/0.0030		
4	2.0074/2.0084	2.1531/2.1541	0.0713	0.5470	0.0010/0.0030		
	2.1251/2.1260	2.2370/2.2375	0.0553	0.6490	0.0009/0.0035	21 a 25	
1-2-4	2.2433/2.2441	2.3866/2.3874	0.0711	0.8500	0.0006/0.0032	66 a 77	
3	2.2433/2.2441	2.3866/2.3874	0.0711	1.0350	0.0006/0.0032	66 a 77	
1	1.9510/1.9520	2.0768/2.0784	0.0619	0.7800	0.0010/0.0045		
2	1.9370/1.9380	2.0618/2.0634	0.0616	0.7000	0.0007/0.0043		
3	1.9220/1.9230	2.0468/2.0484	0.0616	0.7000	0.0007/0.0043		
4	1.9070/1.9080	2.0319/2.0335	0.0616	0.5900	0.0007/0.0043		
Frente/Front		1.8522	0.0610	1.1420			
Posterior/Rear		1.8072	0.0610	0.9050			
Flecha auxiliar/Aux. Shaft							

MERCEDES-BENZ

	2.3618/2.3628	2.5590/2.5598	0.0973	1.1580	0.0021/0.0049	1
	3.4642/3.4650	3.6614/3.6623	0.0975	0.9488	0.0014/0.0040	
	3.4642/3.4650	3.6614/3.6623	0.0974	1.2524	0.0014/0.0040	
1	2.2024/2.2031	2.3622/2.3634	0.0792	1.0236	0.0012/0.0031	
2	2.1926/2.1933	2.3622/2.3634	0.0841	1.0236	0.0012/0.0031	
3	2.1827/2.1835	2.3622/2.3634	0.0891	1.0236	0.0012/0.0031	
4	2.1729/2.1736	2.3622/2.3634	0.0940	1.0236	0.0012/0.0031	
		0.8700/0.8710	0.0470	0.9050		
	1.4173	1.5370/1.5380	0.0800	1.3580		

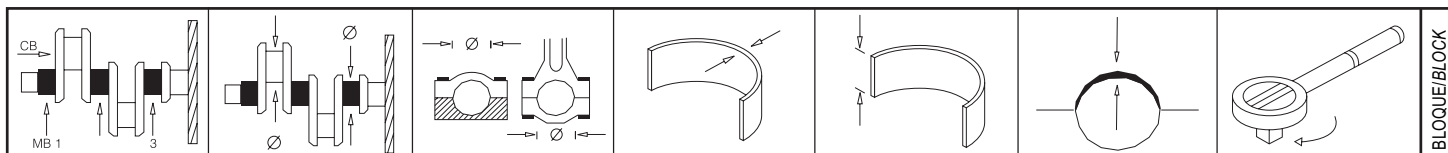


MITSUBISHI

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1468 cc (1.5 L) G15B (1985-88)	1	122 CID (2.0 L) DOHC Chrysler (1995-99)	4
1468 cc (1.5 L) G1AJ 8V (1987-89)	1	1997 cc (2.0 L) 4G63 DOHC (1989-92)	5
1595 cc (1.6 L) 4G61 DOHC (1991-92)	2	1997 cc (2.0 L) 4G63 SOHC 8V (1989-92)	5
1595 cc (1.6 L) 4G61 DOHC Turbo (1989-90)	2	1997 cc (2.0 L) 4G63T DOHC Turbo (1989-92)	5
1597 cc (1.6 L) G32B SOHC Turbo (1985-88)	2	1997 cc (2.0 L) 4G63 SOHC (1985-89)	6
1755 cc (1.8 L) 4G37 (1989-94)	3	2351 cc (2.5 L) G64B SOHC (1985-88)	6
1794 cc (1.8 L) G62B (1983)	3	2346 cc (2.3 L) 4D55 Turbo Diesel (1983-85)	7
1794 cc (1.8 L) G62B Turbo (1984-88)	3	2351 cc (2.5 L) 4G64 DOHC (1994-95)	8

1	L4	1468 cc (1.5 L) G15B (1985-88)	2.972 in/75.5 mm x	PRECIS	CB 1278 P	STD, 10, 20, 30
		1468 cc (1.5 L) G4AJ (1987-89)	3.228 in/82 mm		MS 1668 P	STD, 10, 20, 30
2	L4	1595 cc (1.6 L) 4G61 DOHC (1991-92)	1595- 3.240 in/82.3 mm x 2.953 in/75 mm	MIRAGE	CB 1120 P	STD, 10, 20, 30
		1595 cc (1.6 L) 4G61 Turbo (1989-90)	1597- 3.028 in/76.9 mm x 3.386 in/86 mm		MS 1559 P	STD, 10, 20, 30, 40
3	L4	1597 cc (1.6 L) G32B SOHC Turbo (1985-88)		CORDIA, ECLIPSE, TREDIA	MB 2869 P	
		1755 cc (1.8 L) 4G37 (1989-94)	1755- 3.173 in/80.6 mm x 3.386 in/86 mm		MB 1173 P (F)	
4	L4	1794 cc (1.8 L) G62B (1983)	1794- 3.173 in/80.6 mm x 3.465 in/88 mm	ECLIPSE	CB 1120 P	STD, 10, 20, 30
		1794 cc (1.8 L) G62B Turbo (1984-88)			MS 1559 P	STD, 10, 20, 30, 40
5	L4	122 (2.0 L) DOHC Chrysler (1995-99)	3.445 in/87.5 mm x 3.268 in/83 mm	ECLIPSE, GALANT	MB 2869 P	
		1997 cc (2.0 L) 4G63 DOHC (1989-92)	3.346 in/85 mm x 3.465 in/88 mm		MB 1173 P (F)	
6	L4	1997 cc (2.0 L) 4G63 SOHC (1989-92)		CORDIA, GALANT, MIGHTY MAX, TREDIA, WAGON	CB 1635 P	STD, 10, 20, 30
		1997 cc (2.0 L) 4G63T DOHC Turbo (1989-92)			MS 2028 P	STD, 10, 20, 30
7	L4	1997 cc (2.0 L) G63B SOHC (1985-89)	1997- 3.346 in/85 mm x 3.465 in/88 mm	2300	MB 4001 P	
		2351 cc (2.4 L) G64B SOHC (1985-88)	2351- 3.406 in/86.5 mm x 3.937 in/100 mm		MB 4000 P (F)	
8	L4	2346 cc (2.3 L) 4D55 Turbo Diesel (1983-85)	3.587 in/91.1 mm x 3.543 in/90 mm		CB 1120 P	STD, 10, 20, 30
					MS 1559 P	STD, 10, 20, 30, 40
9	L4				MB 2869 P	
					MB 1173 P (F)	
10	L4				CB 1220 P	STD, 10, 20, 30

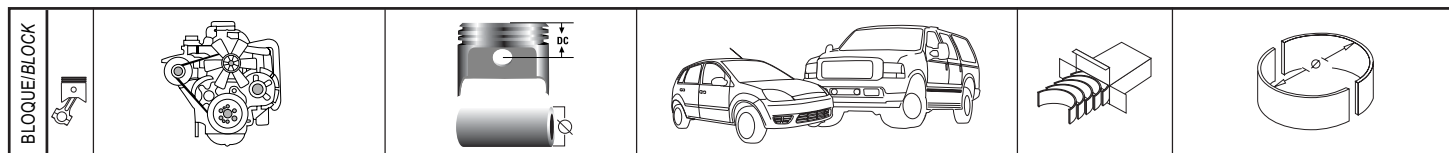


MITSUBISHI

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		6 CILINDROS/6 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
2351 cc (2.5 L) 4G64 SOHC 16V (1993-99)	8	2497 cc (2.5 L) 6G73 (1995)	10
2351 cc (2.5 L) 4G64 SOHC 8V (1989-99)	8	2972 cc (3.0 L) 6G72 SOHC 12V (1988-96)	11
2555 cc (2.5 L) G54B (1983-90)	9	2972 cc (3.0 L) 6G72 SOHC 24V (1988-96)	11
2555 cc (2.5 L) G54B Turbo (1983-90)	9	2972 cc (3.0 L) 6G72 DOHC (1991-99)	11
		2972 cc (3.0 L) 6G72 DOHC Twin Turbo (1991-99)	11
		2972 cc (3.0 L) 6G72 SOHC 12V (1988-98)	11
		2972 cc (3.0 L) 6G72 SOHC 24V (1994-01)	11

	1.6527/1.6535	1.7717/1.7725	0.0588	0.6940	0.0011/0.0035	24 a 25	1
1-2-4-5	1.8890/1.8898	2.0472/2.0480	0.0783	0.7520	0.0011/0.0034	37 a 39	
3	1.8890/1.8898	2.0472/2.0480	0.0793	0.9430	0.0011/0.0034	37 a 39	
	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	2
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	
3	2.2435/2.2441	2.4016/2.4024	0.0783	1.1400	0.0008/0.0032	36 a 39	
	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	3
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	
3	2.2435/2.2441	2.4016/2.4024	0.0783	1.1400	0.0008/0.0032	36 a 39	
	1.8894/1.8900	2.0075/2.0081	0.0584	0.8060	0.0010/0.0023	20 + 90°	4
1-2-4-5	2.0469/2.0475	2.2046/2.2050	0.0782	0.7860	0.0008/0.0024	30 + 90°	
3	2.0469/2.0475	2.2046/2.2050	0.0784	1.0340	0.0008/0.0024	30 + 90°	
	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	5
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	
3	2.2435/2.2441	2.4016/2.4024	0.0783	1.1400	0.0008/0.0032	36 a 39	
	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	6
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	
3	2.2435/2.2441	2.4016/2.4024	0.0783	1.1400	0.0008/0.0032	36 a 39	
	2.0858/2.0866	2.2047/2.2055	0.0590	0.9840	0.0005/0.0028	33 a 34	7

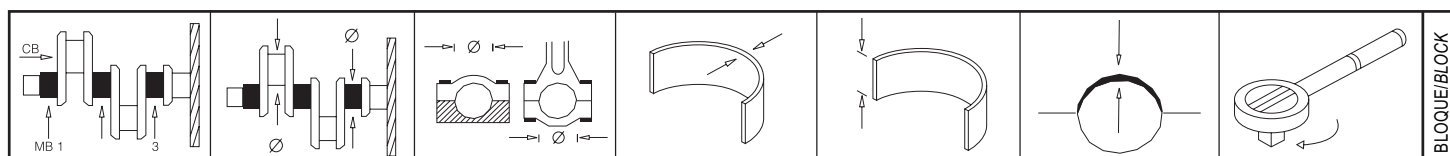


8	L4	2351 cc (2.4 L) 4G64 DOHC (1994-95)	3.406 in/86.5 mm x 3.937 in/100 mm	ECLIPSE, EXPO, EXPO LRV, GALANT, MIGHTY MAX, MONTERO SPORT, VAN, WAGON	CB 1120 P	STD, 10, 20, 30
		2351 cc (2.4 L) 4G64 SOHC 16V (1993-99)			MS 1559 P	STD, 10, 20, 30, 40
		2351 cc (2.4 L) 4G64 SOHC 8V (1989-99)			MB 2869 P MB 1173 P (F)	
9	L4	2555 cc (2.6 L) G54B (1983-90) 2555 cc (2.6 L) G54B Turbo (1983-90)	3.587 in/91.1 mm x 3.858 in/98 mm	2600, MIGHTY MAX, MONTERO, SPX	CA 102 S	STD
					MIA-1-3 (U) MIA-1-1 (U) MIA-1-4 (L)	
					CB 1220 P	STD, 10, 20, 30
					MS 1945 P	STD, 10, 20, 30, 40
10	V6	2497 cc (2.5 L) 6G73 (1995)	3.290 in/83.5 mm x 2.992 in/76 mm	GALANT	MB 3053 P MB 3339 P (F)	
					SH 1429 S	STD
					SH 1760 SH 1429	
11	V6	2972 cc (3.0 L) 6G72 DOHC (1991-99) 2972 cc (3.0 L) 6G72 DOHC Twin Turbo (1991-99) 2972 cc (3.0 L) SOHC 12V (1988-98) 2972 cc (3.0 L) SOHC 24V (1994-01)	3.587 in/91.1 mm x 2.992 in/76 mm	3000 GT, DIAMANTE, ECLIPSE, GALANT, MONTERO, MONTERO SPORT, SIGMA	CA 102 S	STD
					MIA-1-3 (U) MIA-1-1 (U) MIA-1-4 (L)	
					CB 1411 P	STD, 10, 20, 30
12	V6	2972 cc (3.0 L) 6G72 DOHC (1991-99) 2972 cc (3.0 L) 6G72 DOHC Twin Turbo (1991-99) 2972 cc (3.0 L) SOHC 12V (1988-98) 2972 cc (3.0 L) SOHC 24V (1994-01)	3.587 in/91.1 mm x 2.992 in/76 mm	3000 GT, DIAMANTE, ECLIPSE, GALANT, MONTERO, MONTERO SPORT, SIGMA	TW 458 S	STD
					TW 3108 W (U) TW 3108 W (L)	
					CB 1411 P	STD, 10, 20, 30
13	V6	2972 cc (3.0 L) 6G72 DOHC (1991-99) 2972 cc (3.0 L) 6G72 DOHC Twin Turbo (1991-99) 2972 cc (3.0 L) SOHC 12V (1988-98) 2972 cc (3.0 L) SOHC 24V (1994-01)	3.587 in/91.1 mm x 2.992 in/76 mm	3000 GT, DIAMANTE, ECLIPSE, GALANT, MONTERO, MONTERO SPORT, SIGMA	MS 1720 P	STD, 10, 20, 30
					MB 3108 P	
					TW 458 S	STD
14	V6	2972 cc (3.0 L) 6G72 DOHC (1991-99) 2972 cc (3.0 L) 6G72 DOHC Twin Turbo (1991-99) 2972 cc (3.0 L) SOHC 12V (1988-98) 2972 cc (3.0 L) SOHC 24V (1994-01)	3.587 in/91.1 mm x 2.992 in/76 mm	3000 GT, DIAMANTE, ECLIPSE, GALANT, MONTERO, MONTERO SPORT, SIGMA	TW 3108 W (U) TW 3108 W (L)	

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4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
988 cc (1.0 L) A10 (1965-71)	1	1595 cc (1.6 L) L16 (1968-73)	6
1171 cc (1.2 L) A12 (1971-73)	2	1597 cc (1.6 L) E16 (1983-86)	4
1189 cc (1.2 L) E1 (1961-66)	3	1597 cc (1.6 L) E16/E16 S (1968-88)	4
1237 cc (1.2 L) A12A (1980-82)	2	1597 cc (1.6 L) GA16I SOHC (1989-90)	7
1288 cc (1.3 L) A13 (1972-74)	2	1597 cc (1.6 L) GA16DE (1991-98)	7
1299 cc (1.3 L) J13 (1965-72)	3	1770 cc (1.8 L) L18 (1972-74)	6
1397 cc (1.4 L) A14 (1974-82)	2	1751 cc (1.8 L) J18 (1981-93)	9
1488 cc (1.5 L) A15 (1979-82)	2	1952 cc (2.0 L) L20B (1974-80)	10
1483 cc (1.5 L) J15 (1971-89)	5	1952 cc (2.0 L) Z20 (1983-86)	10
1567 cc (1.6 L) J16 (1972-84)	5	1952 cc (2.0 L) Z20E/Z20S (1980-81)	10
1488 cc (1.5 L) E15/E15S (1982-84)	4	1998 cc (2.0 L) SR20DE DOHC (1991-98)	11
1488 cc (1.5 L) E15T Turbo (1983-84)	4	2164 cc (2.2 L) SD22 OHV Diesel (1981-83)	12
1596 cc (1.6 L) DOHC K4M (2002-06)	8		

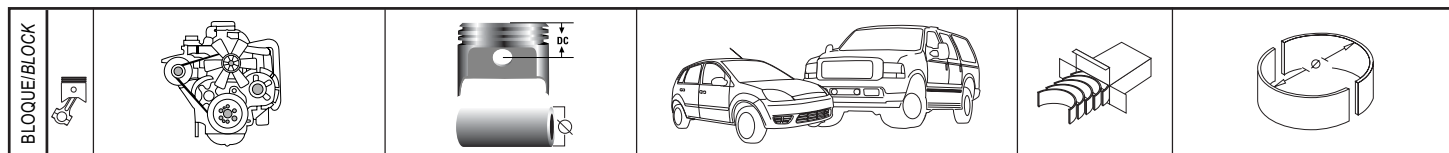


	1.7710/1.7717	1.8897/1.8905	0.0588	0.9250	0.0006/0.0030	23 a 25	8
1-2-4-5	2.2435/2.2441	2.4016/2.4024	0.0783	0.9060	0.0008/0.0032	36 a 39	
3	2.2435/2.2441	2.4016/2.4024	0.0783	1.1400	0.0008/0.0032	36 a 39	
1		1.4225	0.0422	0.7950			
2-3-4-5		1.4225	0.0422	0.7950			9
1-2-3-4-5		1.4225	0.0422	0.7950			
	2.0858/2.0866	2.2047/2.2055	0.0590	0.9840	0.0005/0.0028	33 a 34	
1-2-4-5	2.3614/2.3622	2.5197/2.5205	0.0783	0.9890	0.0011/0.0037	55 a 61	
3	2.3614/2.3622	2.5197/2.5205	0.0783	1.2190	0.0011/0.0037	55 a 61	
Der. frontal/Right Front	0.9039/0.9047	1.0236/1.0244	0.0593	0.7090	0.0008/0.0034		
Der. izq. trasero/ L.-R. Rear	1.6933/1.6939	1.8122/1.8130	0.0585	0.7950	0.0013/0.0037		
			Flecha auxiliar/Aux. Shaft				
1		1.4225	0.0422	0.7950			10
2-3-4-5		1.4225	0.0422	0.7950			
1-2-3-4-5		1.4225	0.0422	0.7950			
	1.9677/1.9685	2.0866/2.0868	0.0587	0.6120	0.0009/0.0027	38	
3	2.5984/2.6083	3.0492/3.0594		0.0778			11
3	2.5984/2.6083	3.0492/3.0594		0.0778			
	1.9677/1.9685	2.0866/2.0868	0.0587	0.6120	0.0009/0.0027	38	
1-2-3-4	2.3614/2.3622	2.5197/2.5204	0.0784	0.7120	0.0007/0.0034	60	
3	2.5984/2.6083	3.0492/3.0594		0.0778			
3	2.5984/2.6083	3.0492/3.0594		0.0778			

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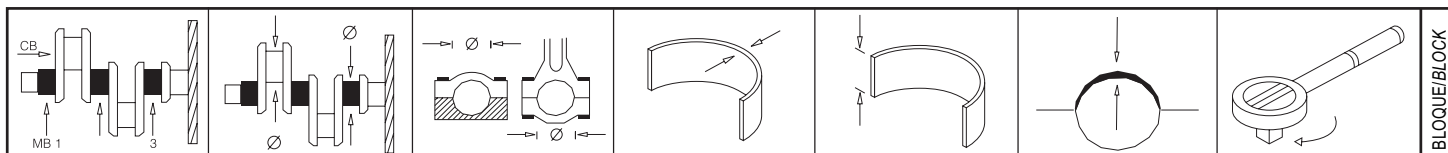
ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		6 CILINDROS/6 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
2187 cc (2.2 L) Z22E, Z22S (1981-83)	10	2960 cc (3.0 L) V30DE DOHC (1992-94)	15
2389 cc (2.4 L) Z24, Z24i, Z24 S (1983-89)	10	2960 cc (3.0 L) VG30 SOHC (1984-89)	16
2389 cc (2.4 L) KA24E SOHC (1989-95)	13	2960 cc (3.0 L) VD30D DOHC (1990-96)	15
2389 cc (2.4 L) KA24DE DOHC (1991-95)	13	2960 cc (3.0 L) VG30DETT DOHC Turbo (1990-96)	15
2488 cc (2.5 L) SD25 OHV Diesel (1983-86)	12	2960 cc (3.0 L) VG30DE SOHC (1984-98)	15
6 CILINDROS/6 CYLINDERS		2960 cc (3.0 L) VG30T SOHC Turbo (1984-89)	16
2393 cc (2.4 L) L24E SOHC (1977-82)	14	3275 cc (3.3 L) VG33E SOHC (1996-00)	17
2293 cc (2.4 L) L24 SOHC (1970-73)	14	3246 cc (3.2 L) SD33 (1966-90)	18
2565 cc (2.6 L) L26 (1974)	14		
2753 cc (2.8 L) L28E SOHC (1975-83)	14		
2753 cc (2.8 L) L28ET SOHC Turbo (1981-83)	14		
2793 cc (2.8 L) LD28 SOHC Diesel (1981-84)	14		

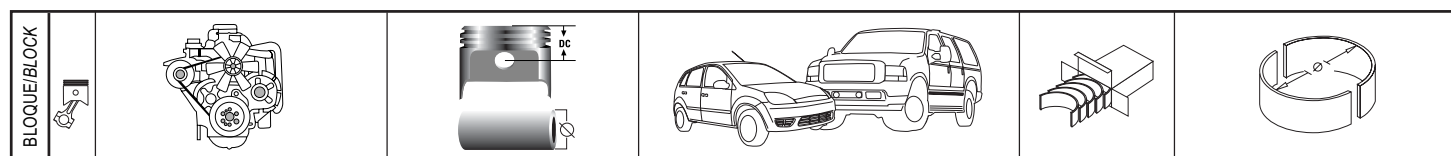


1	L4	998 cc (1.0 L) A10 (1965-71)	2.874 in/73 mm x 2.323 in/59 mm	FORKLIFT	CB 980 P STD, 10, 20, 30
					SH 767 S STD, 10* SH 767 SH 768 SH 769 SH 770 SH 771
2	L4	1171 cc (1.2 L) A12 (1971-73) 1237 cc (1.2 L) A12A (1980-82) 1288 cc (1.3 L) A13 (1972-74) 1397 cc (1.4 L) A14 (1974-82) 1488 cc (1.5 L) A15 (1979-82)	1171- 2.874 in/73 mm x 2.756 in/70 mm 1237- 2953 in/75 mm x 2.756 in/70 mm 1288- 2.874 in/73 mm x 3.031 in/77 mm 1397- 2.992 in/76 mm x 3.031 in/77 mm 1488- 2.992 in/76 mm x 3.228 in/82 mm	210, 310, B110, B210	CB 980 P STD, 10, 20, 30
					MS 1107 P STD, 10, 20, 30 MB 634 P MB 635 P MB 636 P (F)
3	L4	1189 cc (1.2 L) E1 (1961-66) 1299 cc (1.3 L) J13 (1965-72)	1189- 2.874 in/73 mm x 2.795 in/71 mm 1299- 2.874 in/73 mm x 3.071 in/78 mm	311, 312, 410, 411, 520, 521	SH 767 S STD, 10*
					SH 764 S STD, 10* SH 764 SH 765 SH 766
4	L4	1488 cc (1.5 L) E15, E15S (1982-84) 1488 cc (1.5 L) E15T (1983-84) 1597 cc (1.6 L) E16 (1983-86) 1597 cc (1.6 L) E16I, E16S (1968-88)	1488- 2.992 in/76 mm x 3.228 in/82 mm 1597- 2.992 in/76 mm x 3.465 in/88 mm	310, PULSAR, PULSAR NX, SENTRA, TSURU	TW 105 S STD, 10 MB 1730 WA MB 1730 WB
					CB 1326 P STD, 10, 20, 30 MS 1595 P STD, 10, 20, 30 MB 2931 P MB 2932 P MB 2933 P (F)
5	L4	1483 cc (1.5 L) J15 (1971-89) 1567 cc (1.6 L) J16 (1972-84)	1483- 78 mm x 77.6 mm 1567- 78 mm x 82 mm	DATSUN, J15, J16, SENTRA, TSURU	SH 1212 S STD, 10* SH 1212 SH 1213
					CA 111 S STD (1996-00) NIA-1-1
5	L4	1483 cc (1.5 L) J15 (1971-89) 1567 cc (1.6 L) J16 (1972-84)	1483- 78 mm x 77.6 mm 1567- 78 mm x 82 mm	DATSUN, J15, J16, SENTRA, TSURU	CB 967 P STD, 10, 20, 30, 40, 50, 60
					MS 1329 P STD, 10, 20, 30, 40, 50, 60 MBX 68
5	L4	1483 cc (1.5 L) J15 (1971-89) 1567 cc (1.6 L) J16 (1972-84)	1483- 78 mm x 77.6 mm 1567- 78 mm x 82 mm	DATSUN, J15, J16, SENTRA, TSURU	SH 764 S STD, 10* SH 764 SH 765 SH 766
					TW 105 S STD, 10 MB 1730 WA MB 1730 WB

* Producto disponible hasta agotar existencias./Until existence are available.



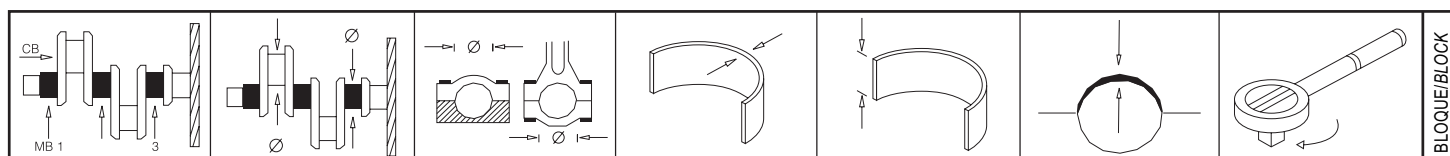
	1.7701/1.7706	1.8898/1.8902	0.0594	0.7720	0.0009/0.0024	23 a 27	1
1	1.7237/1.7242	1.8504/1.8514	0.0624	0.9350	0.0014/0.0045		
2	1.7041/1.7046	1.8307/1.8317	0.0624	0.5610	0.0013/0.0044		
3	1.6844/1.6849	1.8110/1.8120	0.0624	0.5610	0.0013/0.0044		
4	1.6647/1.6652	1.7913/1.7923	0.0624	0.5610	0.0013/0.0044		
5	1.6224/1.6229	1.7490/1.7500	0.0624	0.5610	0.0013/0.0044		
	1.7701/1.7706	1.8898/1.8902	0.0594	0.7720	0.0009/0.0024	23 a 27	2
1-5	1.9666/1.9671	2.1120/2.1129	0.0722	0.8710	0.0008/0.0032	36 a 43	
2-4	1.9666/1.9671	2.1120/2.1129	0.0722	0.7130	0.0008/0.0032	36 a 43	
3	1.9666/1.9671	2.1120/2.1129	0.0722	1.0610	0.0008/0.0032	36 a 43	
1	1.7237/1.7242	1.8504/1.8514	0.0624	0.9350	0.0014/0.0045		
2	1.7041/1.7046	1.8307/1.8317	0.0624	0.5610	0.0013/0.0044		
3	1.6844/1.6849	1.8110/1.8120	0.0624	0.5610	0.0013/0.0044		
4	1.6647/1.6652	1.7913/1.7923	0.0624	0.5610	0.0013/0.0044		
5	1.6224/1.6229	1.7490/1.7500	0.0624	0.5610	0.0013/0.0044		
	1.8756/1.8761	2.0210/2.0215	0.0722	0.8660	0.0009/0.0029	22 a 25	3
1	1.7886/1.7890	1.9150/1.9160	0.0624	1.4920	0.0012/0.0042		
2	1.7282/1.7287	1.8550/1.8560	0.0624	0.8760	0.0015/0.0045		
3	1.6228/1.6232	1.7490/1.7500	0.0624	0.8210	0.0010/0.0040		
2	2.2150/2.2250	2.7400/2.7500		0.0930			
2	2.2150/2.2250	2.7400/2.7500		0.0930			
	1.5730/1.5738	1.6929/1.6934	0.0592	0.6750	0.0008/0.0033	23 a 27	4
1-5	1.9661/1.9673	2.1119/2.1129	0.0720	0.8720	0.0007/0.0038	36 a 43	
2-4	1.9661/1.9673	2.1119/2.1129	0.0720	0.7090	0.0007/0.0038	36 a 43	
3	1.9661/1.9673	2.1119/2.1129	0.0720	1.0610	0.0007/0.0038	36 a 43	
		1.3780/1.3790	0.0588	0.8560			
		1.2440/1.2450	0.0588	0.6400			
1-2-3-4-5		1.7340	0.0403	0.8050			
	1.8756/1.8761	2.0210/2.0215	0.0722	0.8660	0.0009/0.0029	22 a 25	5
1-2-3	2.0005/2.0010	2.1460/2.1465	0.0722	1.1070	0.0008/0.0028	36 a 43	
1	1.7886/1.7890	1.9150/1.9160	0.0624	1.4920	0.0012/0.0042		
2	1.7282/1.7287	1.8550/1.8560	0.0624	0.8760	0.0015/0.0045		
3	1.6228/1.6232	1.7490/1.7500	0.0624	0.8210	0.0010/0.0040		
2	2.2150/2.2250	2.7400/2.7500		0.0930			
2	2.2150/2.2250	2.7400/2.7500		0.0930			



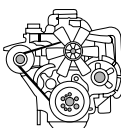
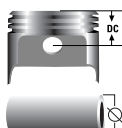
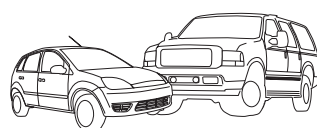
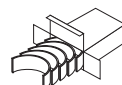
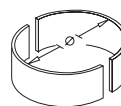
6	L4	1595 cc (1.6 L) L16 (1968-73) 1770 cc (1.8 L) L18 (1972-74)	1595- 3.268 in/83 mm x 2.886 in/73.3 mm 1770- 3.346 in/85 mm 3.071 in/78 mm	510, 521, 610, 620	CB 966 P STD, 10, 20, 30, 40 MS 1054 P STD, 10, 20, 30, 40 MB 631 P MB 632 P MB 633 P MB 609 P (F)
7	L4	1597 cc (1.6 L) GA16DE (1991-98) 1597 cc (1.6 L) GA16I (1989-90)	2.992 in/76 mm x 3.465 in/88 mm	200SX, NX, PULSAR, PULSAR NX, SENTRA, TSURU	CB 1590 P STD, 10, 20, 30, 40 MS 1950 P STD, 10, 20, 30, 40 MB 3343 P TW 551 S STD MB 3343 W CLV 4561 SEMI CA 112 S STD (1985-95) NIA-1-1 NIA-1-2 NIA-1-3
8	L4	1596 cc (1.6 L) DOHC K4M (2002-06)	3.1299 in/79 mm x 3.1692 in/80.5 mm	PLATINA	CB 7002 P STD, .25 mm, .50 mm MS 7004 P STD, .25 mm, .50 mm MB 7005 P TW 7001 S # *** MB 7006 W (2)
9	L4	1751 cc (1.8 L) J18 (1981-93)	80.5 mm x 86 mm	DATSUN J18, PICK UP, SAKURA, ESTAQUITAS	CBX 832 P STD, 10, 20, 30, 40 MS 1329 P STD, 10, 20, 30, 40, 50, 60 MBX 68 SH 764 S STD, 10* SH 764 SH 765 SH 766 TW 105 S STD, 10 MB 1730 WA MB 1730 WB
10	L4	1952 cc (2.0 L) L20B (1974-80) 1952 cc (2.0 L) Z20 (1983-86) 1952 cc (2.0 L) Z20E, Z20S (1980-81) 2187 cc (2.2 L) Z22E/Z22S SOHC (1981-83) 187 cc (2.2 L) Z22E SOHC (1981-83) 2389 cc (2.4 L) Z24, Z24i (1983-89)	1952- 3.346 in/85 mm x 3.386 in/86 mm 2187- 3.425 in/87 mm x 3.622 in/92 mm 2389- 3.504 in/89 mm x 3.780 in/96 mm	200 SX, 510, 610, 620, 720, 720, D21, PATHFINDER, VAN	CB 966 P STD, 10, 20, 30, 40 MS 1570 P STD, 10, 20, 30, 40 MB 2885 P MB 2886 P MB 2887 P (F) MB 2888 P CA 113 S STD (1980-90) TOA-1-1 (U) TOA-1-2 (L)
11	L4	1998 cc (2.0 L) SR20DE DOHC (1991-98)	3.386 in/86 mm x 3.386 in/86 mm	NX, SENTRA, LUCINO	CB 1629 P STD, 10, 20, 30 MS 2015 P STD, 10, 20, 30 MB 3478 P TW 590 S STD MB 3478 W

* Producto disponible hasta agotar existencias./Until existence are available.

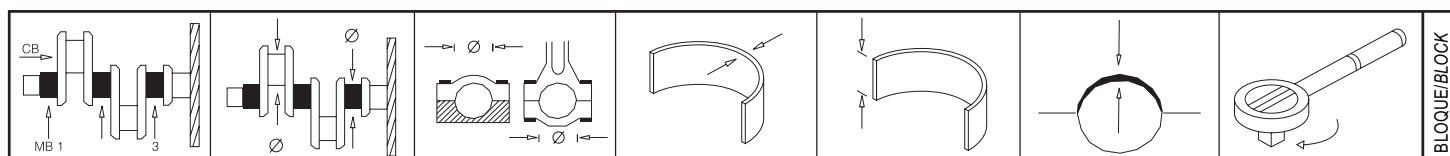
Producto en desarrollo, próximamente disponible. Llame para revisar disponibilidad./Product under development, soon available. Call to ask about availability.



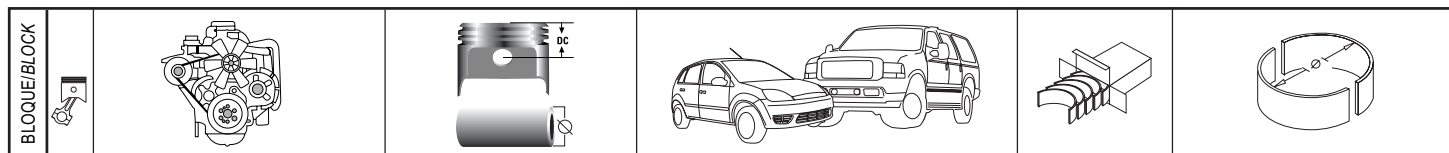
	1.9670/1.9675	2.0866/2.0871	0.0593	0.8660	0.0006/0.0026	23 a 27 (L16) 33 a 40 (L18)	6
1	2.1631/2.1636	2.3089/2.3094	0.0722	1.0280	0.0012/0.0032	33 a 40	
2-4	2.1631/2.1636	2.3089/2.3094	0.0722	0.9490	0.0012/0.0032	33 a 40	
3	2.1631/2.1636	2.3089/2.3094	0.0724	1.2580	0.0008/0.0028	33 a 40	
5	2.1631/2.1636	2.3089/2.3094	0.0722	1.0280	0.0012/0.0032	33 a 40	
	1.5731/1.5738	1.6929/1.6934	0.0594	0.6690	0.0004/0.0024	23 a 27	
1-2-3-4-5	1.9667/1.9671	2.1119/2.1129	0.0720	0.6690	0.0008/0.0037	34 a 38	7
3	2.2057	2.7953 0.8677/0.8687	0.0680	0.0780 0.8600			
1-2-4		1.7340	0.0403	0.8050			
3		1.7340	0.0403	0.8050			
5		1.7340	0.0403	1.1200			
	1.7307/1.7315	1.8744/1.8751	0.0710	0.6990	0.0002/0.0012		
	1.8899/1.8902	2.0447/2.0450	0.0767	0.7680			8
	2.0750/2.0950	2.8900/2.9100	0.1122				
	1.8754/1.8758	1.9950/1.9955			0.0010/0.0026	20 a 25	
1-2-3	2.0005/2.0010	2.1460/2.1465	0.0722	1.1070	0.0008/0.0028	36 a 43	
1	1.7886/1.7890	1.9150/1.9160	0.0624	1.4920	0.0012/0.0042		
2	1.7282/1.7287	1.8550/1.8560	0.0624	0.8760	0.0015/0.0045		
3	1.6228/1.6232	1.7490/1.7500	0.0624	0.8210	0.0010/0.0040		
2	2.2150/2.2250	2.7400/2.7500		0.0930			
2	2.2150/2.2250	2.7400/2.7500		0.0930			
	1.9670/1.9675	2.0866/2.0871	0.0593	0.8660	0.0006/0.0026	33 a 40	
1	2.3599/2.3604	2.5057/2.5062	0.0722	1.0240	0.0007/0.0024	33 a 40	
2-4	2.3599/2.3604	2.5057/2.5062	0.0722	0.9450	0.0007/0.0024	33 a 40	
3	2.3599/2.3604	2.5057/2.5062	0.0722	1.2580	0.0007/0.0024	33 a 40	
5	2.3599/2.3604	2.5057/2.5062	0.0722	1.0240	0.0007/0.0024	33 a 40	
1-2-3-4-5		1.3841	0.0422	0.8000			
1-2-3-4-5		1.3841	0.0422	0.8000			
	1.8880/1.8890	2.0079/2.0084	0.0595	0.6690	0.0008/0.0018	28 a 33	11
1-2-3-4-5	2.1636/2.1646	2.3206/2.3216	0.0779	0.7480	0.0005/0.0022	54 a 61	
3	2.4314	3.2878		0.0770			

BLOQUE/BLOCK						
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12	L4	2164 cc (2.2 L) SD22 OHV Diesel (1981-83) 2488 cc (2.5 L) SD25 OHV Diesel (1983-86)	2164- 3.268 in/83 mm x 3.937 in/100 mm 2488- 3.504 in/89 mm x 3.937 in/100 mm	720, FORKLIFT	CB 988 P STD, 10, 20, 30
					MS 1711 P STD, 10, 20, 30 MB 3116 P
					TW 230 S STD MB 648 W (U) MB 648 W (L)
13	L4	2389 cc (2.4 L) KA24DE DOHC (1989-95) 2389 cc (2.4 L) KA24E SOHC (1991-95)	3.504 in/89 mm x 3.780 in/96 mm	240SX, ALTIMA, AXXESS, D21, FRONTIER, SENTRA, PICK UP	CB 1589 P STD, 10, 20, 30
					MS 1949 P STD, 10, 20, 30 MB 3341 P MB 3342 P (F)
					CLV 4105 SEMI
14	L6	2293 cc (2.4 L) L24 SOHC (1970-73) 2565 cc (2.6 L) L26 (1974) 2753 cc (2.8 L) L28E SOHC (1975-83) 2753 cc (2.8 L) L28ET Turbo (1981-83) 2793 cc (2.8 L) LD28 Diesel (1981-84)	2293- 3.268 in/83 mm x 2.913 in/74 mm 2565- 3.268 in/83 mm x 3.110 in/79 mm 2753- 3.386 in/86 mm x 3.110 in/79 mm 2793- 3.327 in/84.5 mm x 3.268 in/83 mm	240Z, 260Z, 280Z, 280ZX, 810, MAXIMA	CB 966 P STD, 10, 20, 30, 40
					MS 1106 P STD, 10, 20, 30 MB 631 P MB 632 P MB 633 P (F)
15	V6	2960 cc (3.0 L) VE30DE DOHC (1992-94) 2960 cc (3.0 L) VG30DE DOHC (1990-96) 2960 cc (3.0 L) VG30E SOHC (1984-98) 2960 cc (3.0 L) VG30DETT DOHC Turbo (1990-96)	3.425 in/87 mm x 3.268 in/83 mm	200SX, 300ZX, D21, MAXIMA, PATHFINDER, QUEST	CB 1591 P STD, 10, 20, 30, 40
					MS 1951 P STD, 10, 20, 30, 40 MB 3344 P MB 3345 P MB 3346 P (F)
					CLV 4569 SEMI
16	V6	2960 cc (3.0 L) VG30 SOHC (1984-89) 2960 cc (3.0 L) VG30T SOHC Turbo (1984-89)	3.425 in/87 mm x 3.268 in/83 mm	300ZX	CA 114 S STD NIA-2-1 NIA-3-2
					CA 115 S STD NIA-3-1 NIA-2-1 NIA-3-2
17	V6	3275 cc (3.3 L) VG33E SOHC (1996-00)	3.602 in/91 mm x 3.268 in/83 mm	FRONTIER, QUEST, X-TERRA	CB 1591 P STD, 10, 20, 30, 40
					MS 1951 P STD, 10, 20, 30, 40 MB 3344 P MB 3345 P MB 3346 P (F)
					CLV 4569 SEMI
18	L6	3246 cc (3.2 L) SD33 Diesel (1966-90)	3.268 in/83 mm x 3.937 in/100 mm	INDUSTRIAL	CB 988 P STD, 10, 20, 30
					TW 230 S STD MB 648 W (U) MB 648 W (L)



	2.0832/2.0837	2.2042/2.2047	0.0590	1.0230	0.0014/0.0034	36 a 40	12
1-2-3-4-5	2.7916/2.7921	2.9520/2.9528	0.0790	1.0240	0.0014/0.0034	108 a 116	
2	3.0950/3.1050	3.6830/3.6930		0.0910			
2	3.0950/3.1050	3.6830/3.6930		0.0910			13
	1.9670/1.9675	2.0866/2.0871	0.0594	0.7870	0.0004/0.0024	33	
1-2-4-5	2.3606/2.3615	2.5063/2.5068	0.0722	0.7480	0.0005/0.0038	38	
3	2.3606/2.3615	2.5063/2.5068	0.0722	1.0610	0.0005/0.0038	38	14
		0.9445/0.9453	0.0680	0.9700			
	1.9670/1.9675	2.0866/2.0871	0.0593	0.8660	0.0006/0.0026	33 a 40	
1-7	2.1631/2.1636	2.3089/2.3094	0.0722	1.0280	0.0012/0.0032	39	15
2-3-5-6	2.1631/2.1636	2.3089/2.3094	0.0722	0.9490	0.0012/0.0032	39	
4	2.1631/2.1636	2.3089/2.3094	0.0724	1.2580	0.0012/0.0032	39	
	1.9669/1.9675	2.0866/2.0871	0.0594	0.6690	0.0004/0.0024	43 a 48	16
1	2.4784/2.4793	2.6238/2.6249	0.0720	0.8860	0.0004/0.0034		
2-3	2.4784/2.4793	2.6238/2.6249	0.0720	0.7480	0.0004/0.0034		
4	2.4784/2.4793	2.6238/2.6249	0.0720	1.1340	0.0004/0.0034		17
		0.9500/0.9510	0.0680	0.8250			
1-2-3		1.9309	0.4030	0.7350			
4		1.7538	0.4030	0.7350			18
1		1.9702	0.4030	1.2350			
2-3-4		1.9309	0.4030	0.7350			
5		1.7538	0.4030	0.7350			19
	1.9669/1.9675	2.0866/2.0871	0.0594	0.6690	0.0004/0.0024	43 a 48	
1	2.4784/2.4793	2.6238/2.6249	0.0720	0.8860	0.0004/0.0034		20
2-3	2.4784/2.4793	2.6238/2.6249	0.0720	0.7480	0.0004/0.0034		
4	2.4784/2.4793	2.6238/2.6249	0.0720	1.1340	0.0004/0.0034		
		0.9500/0.9510	0.0680	0.8250			21
	1.9669/1.9675	2.0866/2.0871	0.0594	0.6690	0.0004/0.0024	43 a 48	
1	2.4784/2.4793	2.6238/2.6249	0.0720	0.8860	0.0004/0.0034		
2-3	2.4784/2.4793	2.6238/2.6249	0.0720	0.7480	0.0004/0.0034		22
4	2.4784/2.4793	2.6238/2.6249	0.0720	1.1340	0.0004/0.0034		
		0.9500/0.9510	0.0680	0.8250			
	1.9669/1.9675	2.0866/2.0871	0.0594	0.6690	0.0004/0.0024	43 a 48	23
4	3.0950/3.1050	3.6830/3.6930		0.0910			
4	3.0950/3.1050	3.6830/3.6930		0.0910			



OPEL

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block		
1817 cc (1.8 L) SOHC Isuzu (1976-79)	1		

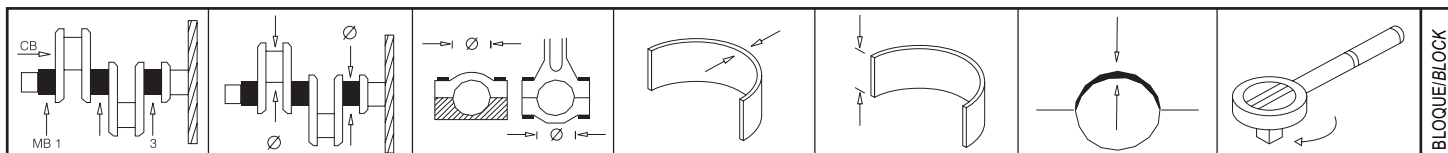
1	L4	1817 cc (1.8 L) SOHC Isuzu (1976-79)	3.504 in/89 mm x 2.913 in/74 mm	77, T77, W77, Y69, Y77	CB 1654 P	STD, 10, 20, 30, 40
					MS 1298 P	STD, 10, 20, 30
					MB 974 P	
					MB 975 P	
					TW 451 S	STD
					MB 3061 P	

PERKINS

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
212 CID (3.5 L) 4.212, A4-212, AG4-212 Diesel	1	270 CID (4.4 L) 4.270, A4.270, D4.270 Diesel	2
236 CID (3.9 L) 4.236, A4.236, AG4236	1	301 CID (4.9 L) 4.300 Diesel	2
248 CID (4.1 L) 4.248, A4.248	1	318 CID/5215 cc (5.2 L) 4.318, A4.318 Diesel	3

1	L4	212 (3.5 L) 4-212, A4-212, AG4-212 236 (3.9 L) 4-236, A4-236, AG4-236 248 (4.1 L) 4-248, A4-248 Diesel	212- 3.661 in/93 mm x 5.000 in/127 mm 236- 3.875 in/98.4 mm x 5.000 in/127 mm 248- 3.9756 in/101 mm x 5.000 in/127 mm	4-212, A4-212, AG4-212, 4-236, A4-236, AG4-236, 4-248, A4-248 "PHASER"	CB 667 P	STD, 10, 20, 30, 40, 50, 60
					MS 830 P	STD, 10, 20, 30, 40, 50, 60
					MB 2221 P	
					MB 2222 P	
					TW 316 S	STD, 005
					MB 2636 W (U)	
					MB 2636 W (L)	
					CLV 131	SEMI
					CLV 123	SEMI
					CLV 2947 S	SEMI
2	L4	270 (4.4 L) 4-270, A4-270, D4-270 301 (4.9 L) 4-300 Diesel	270- 4.252 in/108 mm x 4.764 in/121 mm 310- 4.488 in/114 mm x 4.764 in/121 mm	4-270, A4-270, D4-270, 4-300		
					MS 956 P	STD, 10, 20, 30, 40, 50, 60
					MB 2221 P	
					MB 2222 P	



OPEL

ÍNDICE DE MOTORES/ENGINE INDEX

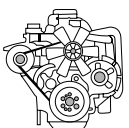
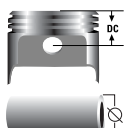
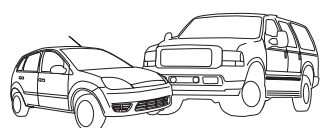
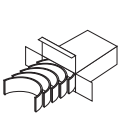
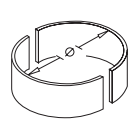
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1-3-5	2.2016/2.2022	2.3220/2.3228	0.0596	1.2600	0.0009/0.0039	72	
2-4	2.2016/2.2022	2.3220/2.3228	0.0596	0.8270	0.0009/0.0039	72	
	2.5197	3.1575		0.0930			

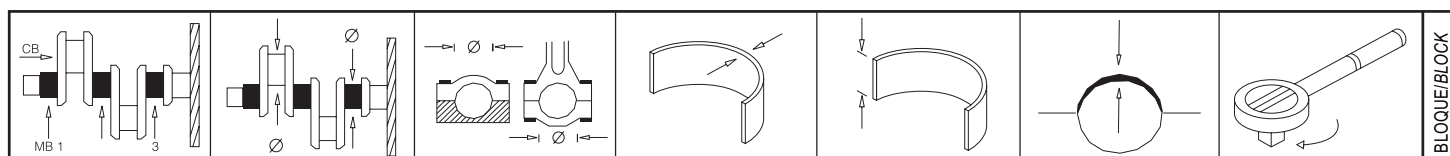
PERKINS

ÍNDICE DE MOTORES/ENGINE INDEX

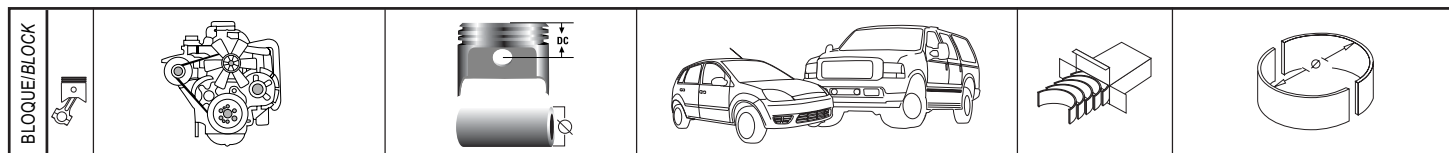
6 CILINDROS/6 CYLINDERS			6 CILINDROS/6 CYLINDERS		
Motor/Engine	Bloque/Block		Motor/Engine	Bloque/Block	
354 CID (5.8 L) 6-354.2, 6-354, A6-354, H6-354 Diesel	4		354 CID (5.8 L) AT6-354, ATC6-354, T6-354 Turbo, Diesel	6	
354 CID (5.8 L) 6-354.3, 6-354.4 Diesel	5				
372 CID (6.1 L) 6-372 Diesel	4				
372 CID (6.1 L) 6-372.4 Diesel	5				

	2.4990/2.4995	2.6460/1.6466	0.0725	1.2550	0.0020/0.0040	65 a 70	1
	2.9985/2.9990	3.1660/3.1670	0.0823	1.2550	0.0027/0.0052	140 a 150	
	2.9985/2.9990	3.1660/3.1670	0.0823	1.4450	0.0027/0.0052	140 a 150	
	3.4200/3.4300	4.0880/4.0980	0.0890/0.0091	0.0910			
	3.4200/3.4300	4.0880/4.0980	0.0890/0.0091	0.0910			
		1.6562/1.6568	0.0830	1.3360			
		1.5312/1.5322	0.0783	1.1350			
		2.1875/2.1887	0.0938	1.2550			
							2
1-3-5	2.9985/2.9990	3.1660/3.1670	0.0823	1.4450	0.0027/0.0052		
2-4	2.9985/2.9990	3.1660/3.1670	0.0823	1.2550	0.0027/0.0052		

BLOQUE/BLOCK						
3	L4	318/5215 cc (5.2 L) 4.318, A4.318 Diesel	4.500 in/114 mm x 5.000 in/127 mm	4.318, A4.318	MS 830 P STD, 10, 20, 30, 40, 50, 60 MB 2221 P MB 2222 P	
					TW 316 S STD, 005 MB 2636 W (U) MB 2636 W (L)	
4	L6	354 (5.8 L) 6-354.2, 6-354, A6-354, H6-354 372 (6.1 L) 6.372 Diesel	354- 3.877 in/98.5 mm x 5.000 in/127 mm 372- 3.978 in/101 mm x 5.276 in/134 mm	6-354.2, 6-354, A6-354, H6-354, 6.372 FASE II	CB 667 P STD, 10, 20, 30, 40, 50, 60	
					MS 757 P STD, 10, 20, 30, 40, 50, 60 MB 2221 P MB 2222 P	
					TW 316 S STD, 005 MB 2636 W (U) MB 2636 W (L)	
					CLV 123 SEMI	
					CLV 2947 S SEMI Buje de compresor/Compressor Drum	
					CLV 121 SEMI Buje de engrane loco/Gear Bushing	
					CLV 132 SEMI Buje de levas/Bushing of Levies	
					CLV 636 SEMI Buje de collarín/Neck Bushing	
					CLV 637 SEMI Buje de plato/Shield Bushing	
5	L6	354 (5.8 L) 6-354.3, 6-354.4 372 (6.1 L) 6-372.4 Diesel	354- 3.877 in/98.5 mm x 5.000 in/127 mm 372- 3.858 in/98 mm x 5.276 in/134 mm	6-354.3, 6-354.4, 6-372.4 FASE II	CB 667 P STD, 10, 20, 30, 40, 50, 60	
					TW 316 S STD, 005 MB 2636 W (U) MB 2636 W (L)	
					CLV 123 SEMI	
					CLV 2947 S SEMI Buje de compresor/Compressor Drum	
					CLV 121 SEMI Buje de engrane loco/Gear Bushing	
					CLV 132 SEMI Buje de levas/Bushing of Levies	
6	L6	354 (5.8 L) AT6-354, ATC6-354, T6-354 Turbo, Diesel	3.877 in/98.5 mm x 5.000 in/127 mm	AT6-354, ATC6-354, T6-354	MS 757 P STD, 10, 20, 30, 40, 50, 60 MB 2221 P MB 2222 P	
					TW 316 S STD, 005 MB 2636 W (U) MB 2636 W (L)	
					CLV 123 SEMI	
					CLV 2947 S SEMI Buje de compresor/Compressor Drum	
					CLV 121 SEMI Buje de engrane loco/Gear Bushing	
					CLV 132 SEMI Buje de levas/Bushing of Levies	



							3
1-2-4-5	2.9985/2.9990	3.1660/3.1670	0.0823	1.4450	0.0027/0.0052	140 a 150	
3	2.9985/2.9990	3.1660/3.1670	0.0823	1.2550	0.0027/0.0052	140 a 150	
3	3.4200/3.4300	4.0880/4.0980		0.0910			
3	3.4200/3.4300	4.0880/4.0980		0.0910			
	2.4990/2.4995	2.6460/2.6465	0.0725	1.2550	0.0020/0.0040	65 a 70	4
1-2-3-5-6-7	2.9985/2.9990	3.1660/3.1670	0.0823	1.2550	0.0027/0.0052	145 a 150	
4	2.9985/2.9990	3.1660/3.1670	0.0823	1.4450	0.0027/0.0052	145 a 150	
4	3.4200/3.4300	4.0880/4.0980	0.0890/0.0091	0.0910			
4	3.4200/3.4300	4.0880/4.0980	0.0890/0.0091	0.0910			
		1.6562/1.6568	0.0830	1.3360			
		1.5312/1.5322	0.0783	1.1350			
		2.1875/2.1887	0.0938	1.2550			
	2.4990/2.4995	2.6460/2.6465	0.0725	1.2550	0.0020/0.0040	65 a 70	5
4	3.4200/3.4300	4.0880/4.0980		0.0910			
4	3.4200/3.4300	4.0880/4.0980		0.0910			
		1.6562/1.6568	0.0830	1.3360			
		1.5312/1.5322	0.0783	1.1350			
		2.1875/2.1887	0.0938	1.2550			
							6
1-2-3-5-6-7	2.9985/2.9990	3.1660/3.1670	0.0823	1.2550	0.0027/0.0052	145 a 150	
4	2.9985/2.9990	3.1660/3.1670	0.0823	1.4450	0.0027/0.0052	145 a 150	
4	3.4200/3.4300	4.0880/4.0980		0.0910			
4	3.4200/3.4300	4.0880/4.0980		0.0910			
		1.6562/1.6568	0.0830	1.3360			
		1.5312/1.5322	0.0783	1.1350			
		2.1875/2.1887	0.0938	1.2550			

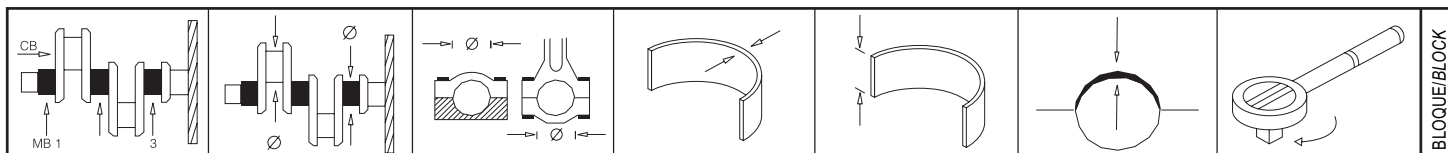


RENAULT

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS				4 CILINDROS/4 CYLINDERS			
Motor/Engine		Bloque/Block		Motor/Engine		Bloque/Block	
1289 cc (1.3 L) (1969-79)		1		1470 cc (1.5 L) (1966-70)		3	
1289 cc (1.3 L) Comp. 8.0 a 1 (1970)		1		1565 cc (1.6 L) Comp. 8.6 a 1 (1969-72)		3	
1289 cc (1.3 L) Comp. 8.8 a 1 (1971)		1		1565 cc (1.6 L) Comp. 8.0 a 1 Turbo (1982-85)		3	
1289 cc (1.3 L) Comp. 8.5 a 1 (1976-79)		1		1565 cc (1.6 L) Comp. 9.0 a 1 (1972)		3	
1397 cc (1.4 L) Comp. 8.8 a 1 (1980-88)		2		1596 cc (1.6 L) DOHC K4M, 1.4 L K4J (2002-06)		4	
1397 cc (1.4 L) (1983-87)		2					

1	L4	1289 cc (1.3 L) (1969-79)	2.874 in/73 mm x 3.031 in/77 mm	R10, R12, R15	CB 1005 P (1976-79)	STD, 10, 20, 30, 40, 50
		1289 cc (1.3 L) Comp. 8.8 a 1 (1971)			MS 1381 P	STD, 10, 20, 30
					MB 2664 P	(1976-79)
2	L4	1397 cc (1.4 L) (1983-87)	2.992 in/76 mm x 3.031 in/77 mm	ALLIANCE, ENCORE, R5	TW 164 S	STD, 10
		1397 cc (1.4 L) Comp. 8.8 a 1 (1980-88)			MB 11 W	(1976-79)
3	L4	1470 cc (1.5 L) (1966-70)	1470- 2.992 in/76 mm x 3.189 in/81 mm 1565- 3.031 in/77 mm x 3.307 in/84 mm	FUEGO, R12, R15, R16, R16/R1150, R17	CB 1005 P	STD, 10
		1565 cc (1.6 L) Comp. 8.0 a 1 Turbo (1982-85)			MS 1381 P	STD, 10, 20, 30
		1565 cc (1.6 L) Comp. 8.6 a 1 (1969-72)			MB 2664 P	
4	L4	1565 cc (1.6 L) Comp. 9.0 a 1 (1972)			TW 164 S	STD, 10
					MB 11 W	
4	L4	1596 cc (1.6 L) DOHC K4M, 1.4 L K4J (2002-06)	3.1299 in/79 mm x 3.1692 in/80.5 mm	RENAULT CLIO, KANGOO	CB 1202 P	STD, 10
		MS 1140 P			STD, 10, 20, 30, 40	
		MB 664 P				
5	L4	1647 cc (1.7 L) Comp. 7.5 a 1 (1973-75)	3.110 in/79 mm x 3.307 in/84 mm	18i, FUEGO, R12, R15, R17	TW 164 S	STD, 10
		1647 cc (1.7 L) Comp. 8.0 a 1 (1976-77)			MB 11 W	
		1647 cc (1.7 L) Comp. 8.6 a 1 (1981-83)				
5	L4	1647 cc (1.7 L) Comp. 9.3 a 1 (1976-79)			CB 7002 P	STD, .25 mm, .50 mm
					MS 7004 P	STD, .25 mm, .50 mm
					MB 7005 P	
5	L4				TW 7001 S #	***
					MB 7006 W (2)	

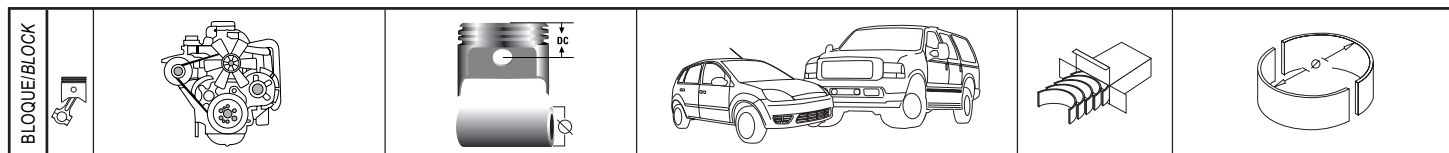


RENAULT

ÍNDICE DE MOTORES/ENGINE INDEX

6 CILINDROS/6 CYLINDERS		
Motor/Engine	Bloque/Block	
1647 cc (1.6 L) Comp. 7.5 a 1 (1973-75)	5	
1647 cc (1.6 L) Comp. 8.0 a 1 (1976-77)	5	
1647 cc (1.6 L) Comp. 8.6 a 1 (1981-83)	5	
1647 cc (1.6 L) Comp. 9.3 a 1 (1976-79)	5	

	1.7309/1.7315	1.8746/1.8750	0.0711	0.6980	0.0016/0.0026	35	1
1-2-3-4-5	2.1572/2.1576	2.3122/2.3130	0.0768	0.7680	0.0005/0.0031	48	
3	2.3540/2.3640	3.1420/3.1496		0.1100			
	1.7309/1.7315	1.8746/1.8750	0.0711	0.6980	0.0016/0.0026	35	2
1-2-3-4-5	2.1572/2.1576	2.3122/2.3130	0.0768	0.7680	0.0005/0.0031	48	
3	2.3540/2.3640	3.1420/3.1496		0.1100			
	1.8898/1.8906	2.0310/2.0315	0.0693	0.8540	0.0018/0.0035	30	3
1-2-3-4-5	2.1576/2.1579	2.3122/2.3130	0.0768	0.8070	0.0015/0.0033	45	
3	2.3540/2.3640	3.1420/3.1496		0.1100			
	1.7307/1.7315	1.8744/1.8751					4
	1.8899/1.8902	2.0447/2.0450	0.0767	0.7680			
	2.0750/2.0950	2.8900/2.9100	0.1122				
	1.8898/1.8906	2.0310/2.0315	0.0693	0.8540	0.0018/0.0035	30	5
1-2-3-4-5	2.1576/2.1579	2.3122/2.3130	0.0768	0.8070	0.0015/0.0033	45	
3	2.3540/2.3640	3.1420/3.1496		0.1100			



SUZUKI

ÍNDICE DE MOTORES/ENGINE INDEX

3 CILINDROS/3 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
993 cc (1.0 L) SOHC (1985-88)	1	1298 cc (1.3 L) SOHC (1989-98)	2
993 cc (1.0 L) SOHC Turbo (1987-93)	1	1324 cc (1.3 L) G13A (1986-89)	2
		1298 cc (1.3 L) G13BA (1989-95)	2

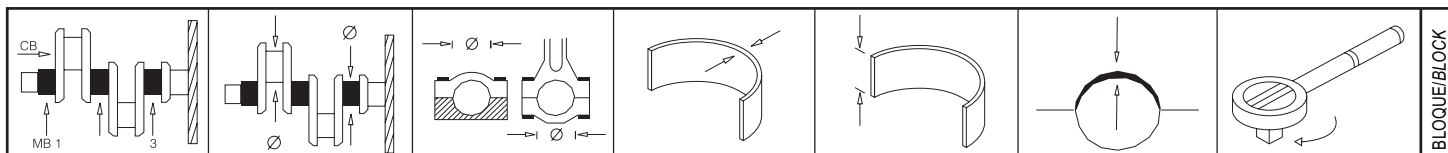
1	L3	993 cc (1.0 L) SOHC (1985-88)	2.913 in/74 mm x 3.031 in/77 mm	CULTUS 1000, FORSA, FORSA TURBO, SJ410	CB 1401 P	STD, 10, 20, 30
		993 cc (1.0 L) SOHC Turbo (1987-93)			MS 1708 P	STD, 10, 20, 30
					MB 3172 P	
2	L4	1298 cc (1.3 L) SOHC (1989-98)	1298- 2.913 in/74 mm x 2.972 in/75.5 mm 1324- 2.913 in/74 mm x 3.031 in/77 mm	SAMURAI, SWIFT	TW 455 S	STD
		1298 cc (1.3 L) G13BA (1989-95)			MB 3172 W	
		1324 cc (1.3 L) G13A (1986-89)				

TOYOTA

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1452 cc (1.5 L) SOHC 1A, 1AC, 3A, 3AC (1981-88)	1	1587 cc (1.6 L) 4AGEC DOHC (1985-87)	5
1587 cc (1.6 L) SOHC 4AC, 4ALC (1983-88)	1	1587 cc (1.6 L) 4AGELC DOHC (1985-89)	5
1456 cc (1.5 L) 3E SOHC (1987-90)	2	1588 cc (1.6 L) 2TC OHV (1971-79)	6
1456 cc (1.5 L) 3EE SOHC (1991-94)	2	1770 cc (1.8 L) 3TC OHV (1980-82)	6
1497 cc (1.5 L) 5EFE DOHC (1992-98)	2	1858 cc (1.9 L) 8RC SOHC (1969-71)	7
1587 cc (1.6 L) 4AF DOHC (1988-89)	3	1968 cc (2.0 L) 18RC SOHC (1972-74)	7
1587 cc (1.6 L) 4FE DOHC (1989-97)	3	1995 cc (2.0 L) 2SELG SOHC (1983-86)	8
1587 cc (1.6 L) ALC SOHC (1984-88)	3	1998 cc (2.0 L) 2SELG SOHC (1983-86)	8
1587 cc (1.6 L) 4AGE DOHC (1988-91)	4	1998 cc (2.0 L) 3SFE DOHC (1987-98)	8
1587 cc (1.6 L) 4AGZE DOHC Súper cargado (1988-89)	4	1998 cc (2.0 L) 3SGTE DOHC Turbo (1988-95)	8

1	L4	1452 cc (1.5 L) SOHC 1A, 1AC, 3A, 3AC SOHC (1981-88)	1452- 3.051 in/77.5 mm x 3.031 in/77 mm 1587- 3.189 in/81 mm x 3.031 in/77 mm	COROLLA, TERCEL	CB 1361 P	STD, 10, 20, 30
		1587 cc (1.6 L) 4AC SOHC (1983-87)			MS 1638 P	STD, 10, 20, 30
					MB 2998 P	
					TW 401 S	STD
					MB 2965 W (L)	
					MB 2965 W (U)	



SUZUKI

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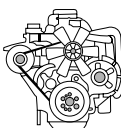
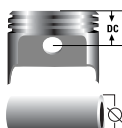
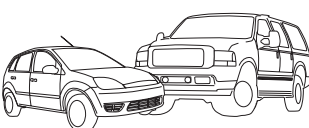
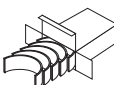
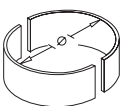
	1.6535/1.6543	1.7717/1.7724	0.0587	0.7130	0.0008/0.0027	24 a 27	1
1-2-3-4	1.7717/1.7724	1.9291/1.9298	0.0787	0.7080	0.0008/0.0027	36 a 41	
3	2.0472	2.6772		0.0990			
	1.6535/1.6543	1.7717/1.7724	0.0587	0.7130	0.0008/0.0027	24 a 27	2
1-2-3-4-5	1.7717/1.7724	1.9291/1.9298	0.0787	0.7080	0.0008/0.0027	36 a 41	
3	2.0472	2.6772		0.0990			

TOYOTA

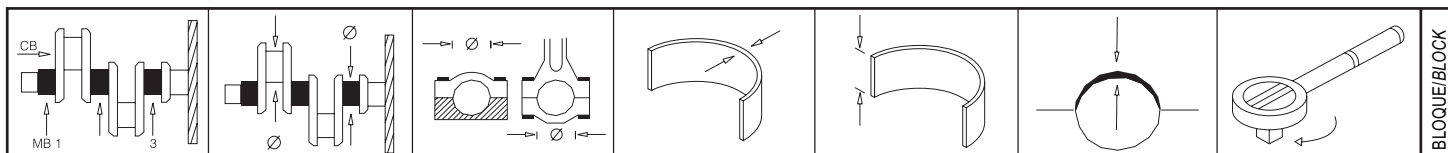
ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS				6 CILINDROS/6 CYLINDERS			
Motor/Engine	Bloque/Block			Motor/Engine	Bloque/Block		
2164 cc (2.2 L) 5SFE DOHC (1990-98)	9			2759 cc (2.8 L) 5MGE DOHC (1984-88)	15		
2188 cc (2.2 L) L SOHC Diesel (1981-83)	10			2954 cc (3.0 L) 7MGE DOHC (1987-92)	15		
2189 cc (2.2 L) 20R SOHC (1975-80)	11			2954 cc (3.0 L) 7MGTE DOHC Turbo (1987-94)	15		
2366 cc (2.4 L) 22R SOHC (1981-90)	12			2958 cc (3.0 L) 3VZE SOHC (1988-95)	16		
2366 cc (2.2 L) 22RE SOHC (1989-95)	13			3878 cc (3.9 L) F (1969-78)	17		
2366 cc (2.4 L) 22RTEC SOHC Turbo (1985-88)	13			4230 cc (4.2 L) 2F OHV (1975-87)	17		
2366 cc (2.4 L) 22REC SOHC (1983-88)	14						
2446 cc (2.4 L) 2L SOHC Diesel (1984-85)	10						
2446 cc (2.4 L) 2LT SOHC Turbo Diesel (1985-87)	10						

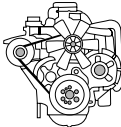
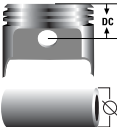
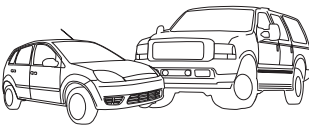
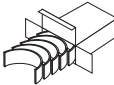
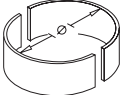
	1.5742/1.5748	1.6928/1.6938	0.0586	0.6730	0.0007/0.0032	36	1
1-2-3-4-5	1.8892/1.8898	2.0482/2.0492	0.0789	0.7830	0.0006/0.0032	44	
	2.1102/2.1220	2.5827/2.5945		0.0980			
	2.1102/2.1220	2.5827/2.5945		0.0980			

BLOQUE/BLOCK						
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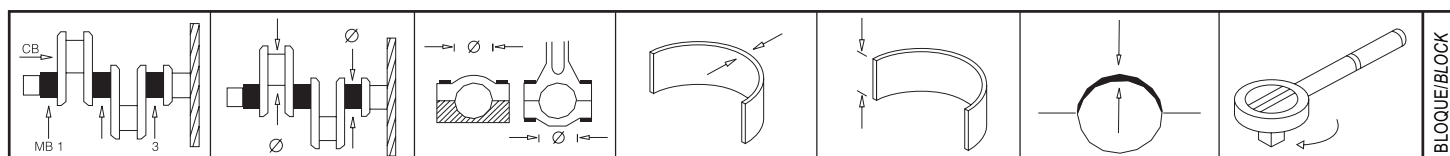
2	L4	1456 cc (1.5 L) 3E, SOHC (1987-90)	1456- 2.874 in/73 mm x 3.425 in/87 mm 1497- 2.953 in/75 mm x 3.429 in/87.1 mm	PASEO, TERCEL	CB 1593 P	STD, 10, 20, 30, 40
		1456 cc (1.5 L) 3EE, SOHC (1991-94)			MS 1953 P	STD, 10, 20, 30, 40
		1497 cc (1.5 L) 5EFE DOHC (1992-98)			MB 3348 P	
					TW 553 S	STD
					MB 3348 W	
3	L4	1587 cc (1.6 L) 4AF DOHC (1988-89)	3.189 in/81 mm x 3.031 in/77 mm	CELICA, COROLLA	CB 1361 P	STD, 10, 20, 30
		1587 cc (1.6 L) 4AFE DOHC (1989-97)			MS 1638 P	STD, 10, 20, 30
		1587 cc (1.6 L) 4ALC SOHC (1984-88)			MB 2998 P	
					TW 401 S	STD
					MB 2965 W (L)	
					MB 2965 W (U)	
4	L4	1587 cc (1.6 L) 4AGE DOHC (1988-91)	3.189 in/81 mm x 3.031 in/77 mm	COROLLA, MR2	CB 1474 P	STD, 10, 20, 30
		1587 cc (1.6 L) 4AGZE DOHC Súper cargado (1988-89)			MS 1638 P	STD, 10, 20, 30
					MB 2998 P	
					TW 401 S	STD
					MB 2965 W (L)	
					MB 2965 W (U)	
5	L4	1587 cc (1.6 L) 4AGEC DOHC (1985-87)	3.189 in/81 mm x 3.031 in/77 mm	COROLLA, MR2	CB 1361 P (1985-87)	STD, 10, 20, 30
		1587 cc (1.6 L) 4AGELC DOHC (1985-89)			CB 1474 P (1988-89)	STD, 10, 20, 30
					MS 1638 P	STD, 10, 20, 30
					MB 2998 P	
					TW 401 S	STD
					MB 2965 W (L)	
					MB 2965 W (U)	
6	L4	1588 cc (1.6 L) 2TC OHV (1971-79)	1588- 3.346 in/85 mm x 2.756 in/70 mm 1770- 3.346 in/85 mm x 3.071 in/78 mm	CARINA, COROLLA	CB 1270 P	STD, 10, 20, 30, 40
		1770 cc (1.8 L) 3TC OHV (1980-82)			MS 1456 P	STD, 10, 20, 30, 40
					MB 623 P	
					TW 303 S	STD
					MB 613 W (L)	
					MB 613 W (U)	
7	L4	1858 cc (1.9 L) 8RC SOHC (1969-71)	1858- 3.386 in/86 mm x 3.150 in/80 mm 1968- 3.484 in/88.5 mm x 3.150 in/80 mm	CELICA, CORONA, CORONA MK II, HILUX, PICK UP	CB 1218 P	STD, 10, 20, 30, 40
		1968 cc (2.0 L) 18RC SOHC (1972-74)			MS 1102 P	STD, 10, 20, 30
					MB 615 P	
					MB 618 P (F)	
					CLV 4028	SEMI
8	L4	1995 cc (2.0 L) 2SELC SOHC (1983-86)	1995- 3.307 in/84 mm x 3.543 in/90 mm 1998- 3.386 in/86 mm x 3.386 in/86 mm	CAMRY, CELICA, RAV 4	MS 1714 P	STD, 10, 20, 30, 40
		1998 cc (2.0 L) 3SGELC DOHC (1986-89)			MB 3200 P	
		1998 cc (2.0 L) 3SFE DOHC (1987-98)			MB 3201 P	
		1998 cc (2.0 L) 3SGTE DOHC Turbo (1988-95)			TW 303 S	STD
					MB 613 W (L)	
					MB 613 W (U)	



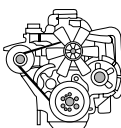
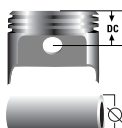
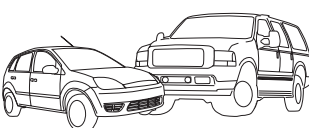
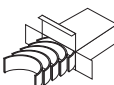
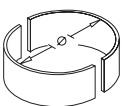
	1.6923/1.6929	1.8110/1.8118	0.0587	0.5910	0.0006/0.0032	29	2
	1.9681/1.9685	2.1267/2.1274	0.0787	0.6300	0.0009/0.0031	42	
	2.1752	2.6772		0.0980			
	1.5742/1.5748	1.6928/1.6938	0.0586	0.6730	0.0007/0.0032	36	3
1-2-3-4-5	1.8892/1.8898	2.0482/2.0492	0.0789	0.7830	0.0006/0.0032	44	
	2.1102/2.1220 2.1102/2.1220	2.5827/2.5945 2.5827/2.5945		0.0980 0.0980			
	1.6529/1.6535	1.7717/1.7726	0.0587	0.6690	0.0008/0.0032	36	4
1-2-3-4-5	1.8892/1.8898	2.0482/2.0492	0.0789	0.7830	0.0006/0.0032	44	
	2.1102/2.1220 2.1102/2.1220	2.5827/2.5945 2.5827/2.5945		0.0980 0.0980			
	1.5742/1.5748	1.6928/1.6938	0.0586	0.6730	0.0007/0.0032	36	5
	1.6529/1.6535	1.7717/1.7726	0.0587	0.6690	0.0008/0.0032	36	
1-2-3-4-5	1.8892/1.8898	2.0482/2.0492	0.0789	0.7830	0.0006/0.0032	44	
	2.1102/2.1220 2.1102/2.1220	2.5827/2.5945 2.5827/2.5945		0.0980 0.0980			6
	1.8888/1.8894	2.0079/2.0088	0.0588	0.7840	0.0014/0.0039	29 a 36	
1-2-3-4-5	2.2824/2.2831	2.4409/2.4417	0.0786	0.8190	0.0009/0.0030	52 a 63	
3	2.5197/2.5295	2.9823/2.9921		0.0980			7
3	2.5197/2.5295	2.9823/2.9921		0.0980			
	2.0857/2.0866	2.2047/2.2057	0.0589	0.8660	0.0008/0.0037	42 a 48	
1-2-4-5	2.3613/2.3622	2.5197/2.5206	0.0786	0.8660	0.0006/0.0036	72 a 83	8
3	2.3613/2.3622	2.5197/2.5206	0.0786	1.4170	0.0006/0.0036	72 a 83	
		0.9450/0.9460	0.0520	1.1200			
1-2-4-5	2.1649/2.1655	2.3236/2.3243	0.0787	0.7480	0.0008/0.0035	43	
3	2.1649/2.1655	2.3236/2.3243	0.0787	0.9060	0.0008/0.0035	43	
3	2.5197/2.5295	2.9823/2.9921		0.0980			
3	2.5197/2.5295	2.9823/2.9921		0.0980			

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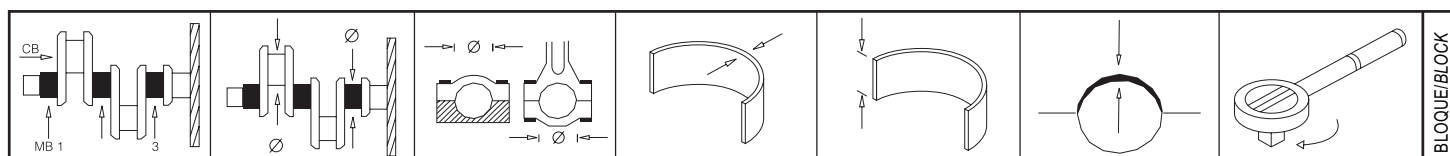
9	L4	2164 cc (2.2 L) 5SFE DOHC (1990-98)	3.425 in/87 mm x 3.583 in/91 mm	CAMRY, CELICA, MR2	CB 1639 P STD, 10, 20, 30, 40
					MS 1714 P STD, 10, 20, 30, 40 MB 3200 P MB 3201 P
					TW 592 S STD MB 3201 W (L) MB 3201 W (U)
10	L4	2188 cc (2.2 L) L SOHC Diesel (1981-83) 2446 cc (2.5 L) 2L SOHC Diesel (1984-85)	2188- 3.543 in/90 mm x 3.386 in/86 mm 2446- 3.662 in/92 mm x 3.662 in/92 mm	PICK UP	CB 1325 P STD, 10, 20, 30
					MS 1633 P STD, 10, 20, 30 MB 2990 P
					TW 400 S STD MB 2926 W (L) MB 2926 W (U)
11	L4	2189 cc (2.2 L) 20R SOHC (1975-80)	3.484 in/88.5 mm x 3.504 in/89 mm	CELICA, CORONA, PICK UP	CB 1218 P STD, 10, 20, 30, 40
					MS 1428 P STD, 10, 20, 30 MB 615 P MB 2746 P
					TW 326 S STD MB 2746 W (L) MB 2746 W (U)
					CLV 4028 SEMI
					CA 116 S STD TOA-2-2 (U) TOA-2-1 (U)
12	L4	2366 cc (2.4 L) 22R SOHC (1981-90)	3.622 in/92 mm x 3.504 in/89 mm	4 RUNNER, CELICA, CORONA, PICK UP	CB 1218 P STD, 10, 20, 30, 40
					MS 1428 P STD, 10, 20, 30 MB 615 P (1981-82) MB 2746 P
					MS 1590 P STD, 10, 20, 30 MB 2925 P (1982-90)
					TW 326 S STD MB 2746 W (L) (1981-84) MB 2746 W (U)
					TW 463 S STD MB 2925 W (L) (1985-90) MB 2925 W (L)
					CLV 4028 SEMI
					CA 116 S STD TOA-2-2 (U) TOA-2-1 (U)



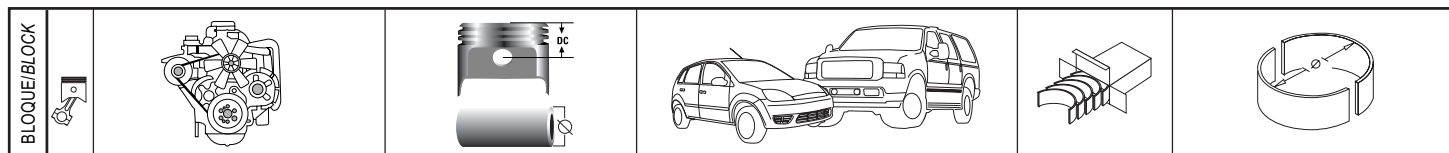
	2.0468/2.0472	2.1659/2.1667	0.0586	0.8070	0.0009/0.0030	18 + 90°	9
1-2-4-5	2.1649/2.1655	2.3236/2.3243	0.0787	0.7480	0.0008/0.0035	43	
3	2.1649/2.1655	2.3236/2.3243	0.0787	0.9060	0.0008/0.0035	43	
							10
	2.0857/2.0866	2.2047/2.2053	0.0586	1.0240	0.0011/0.0038	37 a 40	
1-2-3-4-5	2.4400/2.4409	2.5994/2.6003	0.0783	1.0880	0.0010/0.0039	71 a 81	
3	2.7560/2.7760	3.2027/3.2240		0.0980			11
3	2.7560/2.7760	3.2027/3.2240		0.0980			
	2.0857/2.0866	2.2047/2.2057	0.0589	0.8660	0.0008/0.0037	42 a 48	
1-2-4-5	2.3613/2.3622	2.5197/2.5206	0.0786	0.8660	0.0006/0.0036	72 a 80	12
3	2.3613/2.3622	2.5197/2.5206	0.0786	0.9450	0.0005/0.0044	72 a 80	
3	2.5980/2.6180	3.1260/3.1460		0.0780			
3	2.5980/2.6180	3.1260/3.1460		0.0780			11
		0.9450/0.9460	0.0520	1.1200			
1-2-3		1.3841	0.0418	0.8000			
1-2-3		1.3841	0.0418	0.8000			12
	2.0857/2.0866	2.2047/2.2057	0.0589	0.8660	0.0008/0.0037	42 a 48	
1-2-4-5	2.3613/2.3622	2.5197/2.5206	0.0786	0.8660	0.0006/0.0036	72 a 80	12
3	2.3613/2.3622	2.5197/2.5206	0.0786	0.9450	0.0005/0.0044	72 a 80	
1-2-3-4-5	2.3613/2.3622	2.5197/2.5206	0.0786	0.8660	0.0006/0.0033	72 a 80	
3	2.5980/2.6180	3.1260/3.1460		0.0780			12
	2.5980/2.6180	3.1260/3.1460		0.0780			
3	2.6083	3.1260/3.1460		0.1080			
	2.6083	3.1260/3.1460		0.1080			12
		0.9450/0.9460	0.0520	1.1200			
1-2-3		1.3841	0.0418	0.8000			
1-2-3		1.3841	0.0418	0.8000			

BLOQUE/BLOCK						
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13	L4	2366 cc (2.4 L) 22RE SOHC (1989-95) 2366 cc (2.4 L) 22RTEC SOHC Turbo (1985-88)	3.622 in/92 mm x 3.504 in/89 mm	4 RUNNER, PICK UP	CB 1218 P STD, 10, 20, 30, 40
					MS 1590 P STD, 10, 20, 30
					MB 2925 P
					TW 463 S STD
					MB 2925 W (L)
					MB 2925 W (L)
14	L4	2366 cc (2.4 L) 22REC SOHC (1983-88)	3.622 in/92 mm x 3.504 in/89 mm	4 RUNNER, CELICA, PICK UP	CLV 4028 SEMI
					CA 116 S STD
					TOA-2-2 (U)
					TOA-2-1 (U)
					CB 1218 P STD, 10, 20, 30, 40
					MS 1590 P STD, 10, 20, 30
15	L6	2759 cc (2.8 L) 5MGE DOHC (1984-88) 2954 cc (3.0 L) 7MGE DOHC (1987-94) 2954 cc (3.0 L) 7MGTE Turbo DOHC (1987-94)	2759- 3.268 in/83 mm x 3.346 in/85 mm 2954- 3.268 in/83 mm x 3.583 in/91 mm	CELICA SUPRA, CRESSIDA, SUPRA	MB 2925 P
					TW 326 S STD (1981-84)
					MB 2746 W (L)
					MB 2746 W (U)
					TW 463 S STD (1985-90)
					MB 2925 W (L)
16	V6	2958 cc (3.0 L) 3VZE SOHC (1988-95)	3.445 in/87.5 mm x 3.228 in/82 mm	4 RUNNER, PICK UP, T100	CLV 4028 SEMI
					CA 116 S STD
					CAT-2-2 (U)
					CAT-2-1 (U)
					CB 1437 P STD, 10, 20, 30
					MS 1774 P STD, 10, 20, 30
17	L6	3878 cc (3.9 L) F (1969-78) 4230 cc (4.2 L) 2F OVH (1975-87)	3878- 3.543 in/90 mm x 4.016 in/102 mm 4320- 3.701 in/94 mm x 4.016 in/102 mm	LAND CRUISER	MB 3198 P
					MB 3199 P
					TW 228 S STD
					MB 627 W (L)
					MB 627 W (U)
					CB 1625 P STD, 10, 20, 30, 40
18	V6	2958 cc (3.0 L) 3VZE SOHC (1988-95)	3.445 in/87.5 mm x 3.228 in/82 mm	4 RUNNER, PICK UP, T100	MS 2011 P STD, 10, 20, 30, 40
					MB 3472 P
					MB 3350 P
					TW 554 S STD
					MB 3350 W
					CB 1219 P STD, 10, 20, 30
19	L6	3878 cc (3.9 L) F (1969-78) 4230 cc (4.2 L) 2F OVH (1975-87)	3878- 3.543 in/90 mm x 4.016 in/102 mm 4320- 3.701 in/94 mm x 4.016 in/102 mm	LAND CRUISER	MS 1429 P STD, 10, 20, 30
					MB 2747 P
					MB 2748 P
					MB 2749 P (F)
					MB 2750 P
					CB 1219 P STD, 10, 20, 30



	2.0857/2.0866	2.2047/2.2057	0.0589	0.8660	0.0008/0.0037	42 a 48	13
1-2-3-4-5	2.3613/2.3622	2.5197/2.5206	0.0786	0.8660	0.0006/0.0033	72 a 80	
3	2.6083	3.1260/3.1460		0.1080			
	2.6083	3.1260/3.1460		0.1080			
		0.9450/0.9460	0.0520	1.1200			
1-2-3		1.3841	0.0418	0.8000			
1-2-3		1.3841	0.0418	0.8000			14
	2.0857/2.0866	2.2047/2.2057	0.0589	0.8660	0.0008/0.0037	42 a 48	
1-2-3-4-5	2.3613/2.3622	2.5197/2.5206	0.0786	0.8660	0.0006/0.0033	72 a 80	
3	2.5980/2.6180	3.1260/3.1460		0.0780			
	2.5980/2.6180	3.1260/3.1460		0.0780			
3	2.6083	3.1260/3.1460		0.1080			
	2.6083	3.1260/3.1460		0.1080			15
		0.9450/0.9460	0.0520	1.1200			
1-2-3		1.3841	0.0418	0.8000			
1-2-3		1.3841	0.0418	0.8000			
	2.0463/2.0472	2.1659/2.1671	0.0590	0.7870	0.0008/0.0035	47	
1	2.3620/2.3627	2.5206/2.5213		0.9840	0.0006/0.0032	75	
2-3-4-5-6-7	2.3620/2.3627	2.5206/2.5213		0.9840	0.0006/0.0032	75	16
3	2.6060/2.6180	3.1340/3.1360		0.1160			
	2.6060/2.6180	3.1340/3.1360		0.1160			
	2.1648/2.1654	2.2835/2.2844	0.0586	0.6620	0.0009/0.0024	18 + 90°	
1	2.5191/2.5197	2.6776/2.6783	0.0785	0.8660	0.0009/0.0017	45 + 90°	
2-3-4	2.5193/2.5197	2.6775/2.6783	0.0784	0.8660	0.0010/0.0033	45 + 90°	
	2.8051	3.4055		0.0980			17
	2.1254/2.1260	2.2362/2.2368	0.0547	1.1296	0.0013/0.0033	35 - 55°	
1	2.6369/2.6378	2.8350/2.8360	0.0983	1.2600	0.0009/0.0044		
2	2.6959/1.6968	2.8941/2.8951	0.0983	1.1810	0.0009/0.0044		
3	2.7550/2.7559	2.9531/2.9541	0.0983	1.4160	0.0009/0.0044		
4	2.8140/2.8149	3.0122/3.0132	0.0983	1.5870	0.0009/0.0044		

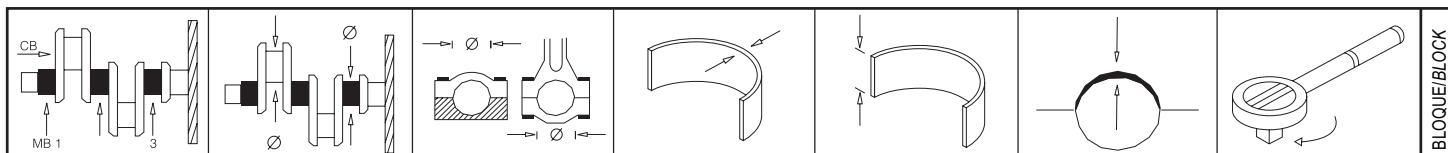


VOLKSWAGEN

ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		4 CILINDROS/4 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1192 cc (1.2 L) 30, 34, 36, 40 B.H.P. (1954-65)	1	1493 cc (1.5 L) H (1967-69)	1
1285 cc (1.3 L) F (1966)	1	1584 cc (1.6 L) (1967-79)	1
1457 cc (1.5 L) EH/FX (1978-80)	2	1588 cc (1.6 L) CR, CS, JK Diesel (1981-95)	4
1471 cc (1.5 L) CK Diesel (1977-80)	3	1588 cc (1.6 L) SOHC 8V Turbo Diesel (1992)	4
1471 cc (1.5 L) FC, FG, XR, XS GAS (1974-75)	3	1588 cc (1.6 L) ME Diesel (1981-85)	5
1471 cc (1.5 L) XV, XW, XY, XZ GAS (1974)	3	1588 cc (1.6 L) EE, EJ, FN, YG, YH, YK (1977-80)	3
1493 cc (1.5 L) 50 B.H.P./HO (1965-67)	1	1588 cc (1.6 L) CY, MD, MF Turbo Diesel (1982-86)	5

1	4	1192 cc (1.2 L) 30, 34, 36, 40, 40BHP (1954-65) 1285 cc (1.3 L) F (1966) 1493 cc (1.5 L) H (1967-69) 1584 cc (1.6 L) 1600 (1968-02) Enfriado por aire/Air Cooled	1192- 3.031 in/77 mm x 2.513 in/64 mm 1285- 3.031 in/77 mm x 2.716 in/69 mm 1453- 3.268 in/83 mm x 2.716 in/69 mm 1584- 3.366 in/85.5 mm x 2.716 in/69 mm	VW SEDÁN, BEETLE, KARMANN GHIA, THING, TRANSPORTER, COMBI, SAFARI, BRASILIA	CB 780 P STD, 10, 20, 30, 40, 50, 60 MS 822 AL STD, 10, 20, 30, 40 MB 2391 AL (F) MB 2392 P MB 2393 AL MB 2394 AL
	4	1192 cc (1.2 L) 1200 (1954-64) 1285 cc (1.3 L) 1300 (1966) 1453 cc (1.5 L) 1500 (1967-69) 1584 cc (1.6 L) 1600 (1968-02) Enfriado por aire/Air Cooled	1192- 3.031 in/77 mm x 2.513 in/64 mm 1285- 3.031 in/77 mm x 2.716 in/69 mm 1453- 3.268 in/83 mm x 2.716 in/69 mm 1584- 3.366 in/85.5 mm x 2.716 in/69 mm	VW SEDÁN, BEETLE, KARMANN GHIA, THING, TRANSPORTER, COMBI, SAFARI, BRASILIA, HORMIGA	MS 943 AL STD, 10, 20, 30, 40 MB 64 AL (F) MB 65 P Diám. ext. .50 mm (.020") Ceja + 1 mm MB 66 AL MB 67 AL MS 1053 AL STD, 10, 20, 30, 40 MB 596 AL (F) MB 597 P Diám. ext. 1.00 mm (.040") Ceja + 1 mm MB 598 AL MB 599 AL MS 1416 AL STD, 10, 20, 30, 40 MB 2719 AL (F) MB 2720 P Diám. ext. 1.50 mm (.060") Ceja + 2 mm MB 2721 AL MB 2722 AL MS 1417 AL STD, 10, 20, 30, 40 MB 2723 AL (F) MB 2724 P Diám. ext. 2.00 mm (.080") Ceja + 2 mm MB 2725 AL MB 2726 AL SH 735 S STD SH 133 SH 134 SH 135 (U) SH 135 (L) CLV 431 SEMI

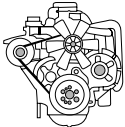
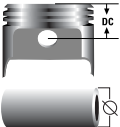
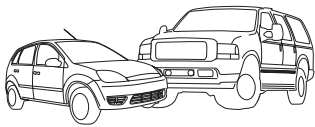
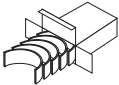
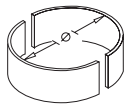


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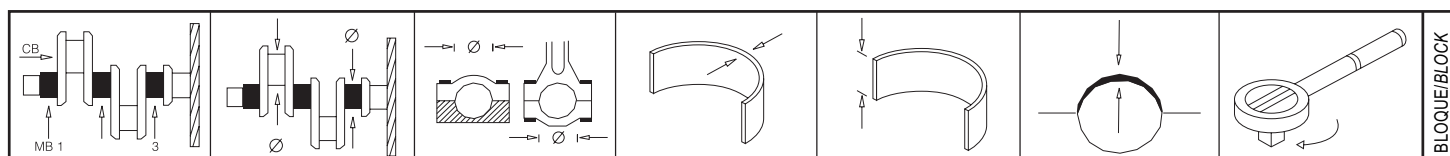
ÍNDICE DE MOTORES/ENGINE INDEX

4 CILINDROS/4 CYLINDERS		5 CILINDROS/5 CYLINDERS	
Motor/Engine	Bloque/Block	Motor/Engine	Bloque/Block
1715 cc (1.7 L) EN, JF, WT (1981-84)	2	2144 cc (2.2 L) KM (1984)	8
1780 cc (1.8 L) 2H, ABG, HT, PF, PG, RD, RV, UM, SC (1990-92)	6	2144 cc (2.2 L) WE (1983)	9
1780 cc (1.8 L) PL DOHC 16V (1990-92)	6	2226 cc (2.2 L) JT, KX (1985-88)	8
1780 cc (1.8 L) JH, JN (1983-89)	6	2461 cc (2.5 L) DOHC (2000-05)	10
1984 cc (2.0 L) 9A DOHC (1990-94)	7		
1984 cc (2.0 L) ABA SOHC (1993-98)	7		

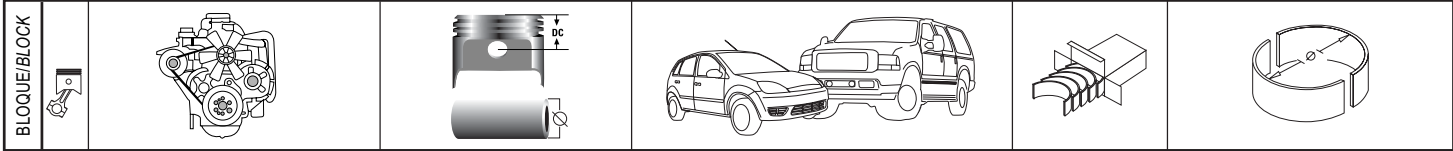
	2.1640/2.1650	2.2755/2.2760	0.0550	0.6930	0.0010/0.0035	22 a 25	1
1	2.1642/2.1650	2.5591/2.5598	0.1963	1.0610	0.0015/0.0038	36	
2	2.1642/2.1650	2.5591/2.5598	0.1982	0.8660	0.0005/0.0028	36	
3	2.1642/2.1650	2.5591/2.5598	0.1965	0.8660	0.0011/0.0036	36	
4	1.5742/1.5748	1.9685/1.9691	0.1962	0.5910	0.0013/0.0033	36	
1	2.1642/2.1650	2.5787/2.5795	0.2062	1.0610	0.0015/0.0038	36	
2	2.1642/2.1650	2.5787/2.5795	0.2081	0.8660	0.0005/0.0028	36	
3	2.1642/2.1650	2.5787/2.5795	0.2063	0.8660	0.0011/0.0036	36	
4	1.5742/1.5748	1.9882/1.9888	0.2060	0.5910	0.0013/0.0033	36	
1	2.1642/2.1650	2.5984/2.5992	0.2160	1.0610	0.0015/0.0038	36	
2	2.1642/2.1650	2.5984/2.5992	0.2179	0.8660	0.0005/0.0028	36	
3	2.1642/2.1650	2.5984/2.5992	0.2161	0.8660	0.0011/0.0036	36	
4	1.5742/1.5748	2.0078/2.0085	0.2159	0.5910	0.0013/0.0033	36	
1	2.1642/2.1650	2.6182/2.6189	0.2258	1.0610	0.0015/0.0038	36	
2	2.1642/2.1650	2.6182/2.6189	0.2277	0.8660	0.0005/0.0028	36	
3	2.1642/2.1650	2.6182/2.6189	0.2260	0.8660	0.0011/0.0036	36	
4	1.5742/1.5748	2.0275/2.0285	0.2265	0.5910	0.0013/0.0033	36	
1	2.1642/2.1650	2.6378/2.6385	0.2356	1.0610	0.0015/0.0038	36	
2	2.1642/2.1650	2.6378/2.6385	0.2375	0.8660	0.0005/0.0028	36	
3	2.1642/2.1650	2.6378/2.6385	0.2358	0.8660	0.0011/0.0036	36	
4	1.5742/1.5748	2.0472/2.0478	0.2355	0.5910	0.0013/0.0033	36	
1	0.9837/0.9843	1.0827/1.0835	0.0490	0.7840	0.0009/0.0031		
2	0.9837/0.9843	1.0827/1.0835	0.0490	0.9020	0.0009/0.0031		
3	0.9837/0.9843	1.0827/1.0835	0.0490	0.9800	0.0009/0.0031		
3	0.9837/0.9843	1.0827/1.0835	0.0490	1.1020	0.0009/0.0031		

BLOQUE/BLOCK						
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2	L4	1457 cc (1.5 L) EH, FX (1978-80) 1715 cc (1.7 L) EN, JF, WT (1981-84)	1457- 3.130 in/79.5 mm x 2.874 in/73 mm 1715- 3.130 in/79.5 mm x 3.386 in/86 mm	QUANTUM, RABBIT, SCIROCCO	CB 1017 P	STD, 10, 20, 30, 40, 50
					MS 1157 P	STD, 10, 20, 30, 40
					MB 692 P MB 693 P (F)	
					SH 1209 S	STD
					SH 1209	
					SH 1210	
					CLV 431-A	SEMI
3	L4	1471 cc (1.5 L) CK Diesel, FC, FG, XR, XS, XV, XW, XY, XZ Gas (1974-75) 1588 cc (1.6 L) EE, EJ, FN, YG, YH, YK (1977-80)	1471- 3.012 in/76.5 mm x 3.150 in/80 mm 1588- 3.130 in/79.5 mm x 3.150 in/80 mm	DASHER, JETTA, RABBIT, SCIROCCO, CARIBE	CB 1017 P	STD, 10, 20, 30, 40, 50
					MS 1157 P	STD, 10, 20, 30, 40
					MB 692 P MB 693 P (F)	
					SH 1209 S	STD
					SH 1209	
					SH 1210	
					CLV 431-A	SEMI
4	L4	1588 cc (1.6 L) CR, CS, JK, Diesel (1981-85) 1588 cc (1.6 L) SOHC 8V Turbo Diesel (1992)	3.012 in/76.5 mm x 3.386 in/86 mm	DASHER, GOLF, JETTA, QUANTUM, RABBIT, VANAGON, CARIBE, ATLANTIC, CORSAR	CB 1426 P	
					MS 1157 P	STD, 10, 20, 30, 40
					MB 692 P MB 693 P (F)	
					SH 1209 S	STD
					SH 1209	
					SH 1210	
					CLV 431-AA	SEMI
5	L4	1588 cc (1.6 L) ME Diesel (1981-85) 1588 cc (1.6 L) CY, MD, MF Turbo Diesel (1982-86)	3.130 in/81 mm x 3.150 in/80 mm	DASHER, GOLF, JETTA, QUANTUM, RABBIT, VANAGON, CARIBE, ATLANTIC, CORSAR	CB 1426 P	STD, 10, 20, 30, 40
					MS 1157 P	STD, 10, 20, 30, 40
					MB 692 P MB 693 P (F)	
					SH 1209 S	STD
					SH 1209	
					SH 1210	
					CLV 431-AA	SEMI
6	L4	1780 cc (1.8 L) 2H, ABG, HT, PF, PG, RD, RV, UM Súper cargado (1990-92) 1780 cc (1.8 L) JH, JN (1983-89) 1780 cc (1.8 L) PL DOHC 16V (1986-89)	3.189 in/81 mm x 3.386 in/86 mm	CABRIO, CABRIOLET, CORRADO, FOX, GOLF, JETTA, QUANTUM, RABBIT, SCIROCCO, CARIBE, ATLANTIC, CORSAR	CB 1426 P	STD, 10, 20, 30, 40
					MS 1157 P	STD, 10, 20, 30, 40
					MB 692 P MB 693 P (F)	
					SH 1209 S	STD
					SH 1209	
					SH 1210	
					CLV 431-AA	SEMI
CA 117 S	STD					
	VWA-2-2 (U) VWA-2-1 (U)					
	MS 7001 P #	***				
	MB 692 P MB 7002 W					
	CLV 7000 #	***				

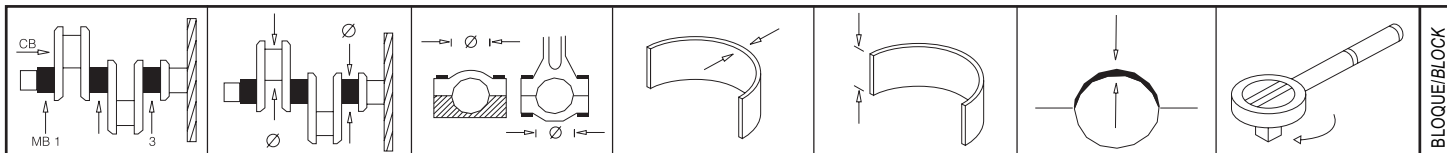


	1.8087/1.8094	1.9291/1.9298	0.0593	0.7480	0.0016/0.0040	33	2
1-2-4-5	2.1236/2.1244	2.3228/2.3236	0.0985	0.7280	0.0016/0.0041	47	
3	2.1236/2.1244	2.3228/2.3236	0.0985	0.9820	0.0016/0.0041	47	
1	1.6913/1.6919	1.8110/1.8120	0.0590	0.5900	0.0011/0.0039		
2	1.6519/1.6525	1.7716/1.7726	0.0590	0.5900	0.0011/0.0033		3
		0.9840/0.9860	0.0696	0.9840			
	1.8087/1.8094	1.9291/1.9298	0.0593	0.7480	0.0016/0.0040	33	
1-2-4-5	2.1236/2.1244	2.3228/2.3236	0.0985	0.7280	0.0016/0.0041	47	
3	2.1236/2.1244	2.3228/2.3236	0.0985	0.9820	0.0016/0.0041	47	4
1	1.6913/1.6919	1.8110/1.8120	0.0590	0.5900	0.0011/0.0039		
2	1.6519/1.6525	1.7716/1.7726	0.0590	0.5900	0.0011/0.0033		
		0.9840/0.9860	0.0696	0.9840			
	1.8802/1.8810	1.9921/1.9929	0.0553	0.7480	0.0009/0.0032	22 + 90°	5
1-2-4-5	2.1236/2.1244	2.3228/2.3236	0.0985	0.7280	0.0016/0.0041	47	
3	2.1236/2.1244	2.3228/2.3236	0.0985	0.9820	0.0016/0.0041	47	
1	1.6913/1.6919	1.8110/1.8120	0.0590	0.5900	0.0011/0.0039		
2	1.6519/1.6525	1.7716/1.7726	0.0590	0.5900	0.0011/0.0033		6
	1.8802/1.8810	1.9921/1.9929	0.0553	0.7480	0.0009/0.0032	22 + 90°	
1-2-4-5	2.1236/2.1244	2.3228/2.3236	0.0985	0.7280	0.0016/0.0041	47	
3	2.1236/2.1244	2.3228/2.3236	0.0985	0.9820	0.0016/0.0041	47	
1	1.6913/1.6919	1.8110/1.8120	0.0590	0.5900	0.0011/0.0039		
2	1.6519/1.6525	1.7716/1.7726	0.0590	0.5900	0.0011/0.0033		
1-2-3-4-5		1.1085	0.0422	0.6800			
1-2-3-4-5		1.1085	0.0422	0.6800			
	2.1236/3.1244	2.3228/2.3236	0.0985	0.7280	0.0016/0.0041		
	2.3350/2.3550	2.8600/2.8880	0.0780				



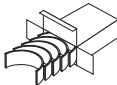
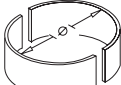
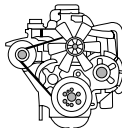
7	L4	1984 cc (2.0 L) 9A DOHC (1990-94) 1984 cc (2.0 L) ABA SOHC (1993-98)	DOHC- 3.248 in/82.5 mm x 3.661 in/93 mm SOHC- 3.248 in/82.5 mm x 3.649 in/92.7 mm	CABRIO, GOLF, JETTA, PASSAT	CB 1426 P	STD, 10, 20, 30, 40
					MS 1157 P	STD, 10, 20, 30, 40
					MB 692 P MB 693 P (F)	
					MS 7001 P #	***
8	L5	2144 cc (2.2 L) KM (1984) 2226 cc (2.2 L) JT, KX (1985-88)		QUANTUM	CLV 7000 #	***
					CLV 7000 #	***
9	L5	2144 cc (2.2 L) WE (1983)		QUANTUM	CB 1426 P	STD, 10, 20, 30, 40
					CLV 431-AA	SEMI
10	L5	2461 cc (2.5 L) DOHC (2000-05)		EUROVAN, EUROCARGA, EUROPASAJE	CB 1017 P	STD, 10, 20, 30, 40, 50
					CLV 431-A	SEMI
10	L5	2461 cc (2.5 L) DOHC (2000-05)		EUROVAN, EUROCARGA, EUROPASAJE	CB 1426 P	STD, 10, 20, 30
					CLV 431-A	SEMI

Producto en desarrollo, próximamente disponible. Llame para revisar disponibilidad./Product under development, soon available. Call to ask about availability.

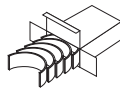
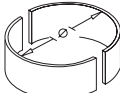
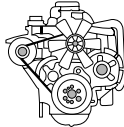


	1.8802/1.8810	1.9921/1.9929	0.0553	0.7480	0.0009/0.0032	22 + 90°	7
1-2-4-5 3	2.1236/2.1244	2.3228/2.3236	0.0985	0.7280	0.0016/0.0041	47	
	2.1236/2.1244	2.3228/2.3236	0.0985	0.9820	0.0016/0.0041	47	
	2.1236/3.1244	2.3228/2.3236	0.0985	0.7280	0.0016/0.0041		
	2.3350/2.3550	2.8600/2.8880	0.0780				
	1.8802/1.8810	1.9921/1.9929	0.0553	0.7480	0.0009/0.0032	22 + 90°	8
	1.8087/1.8094	1.9291/1.9298	0.0593	0.7480	0.0016/0.0040	33	9
	1.8802/1.8810	1.9921/1.9929	0.0553	0.7480	0.0009/0.0032	22 + 90°	10

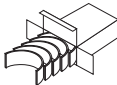
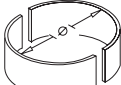
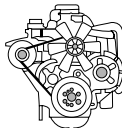
Listado numérico de productos/*Numeric List of Products* Cojinetes de biela/*Connecting Rod Bearings*

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CB 481 P	STD*, 10*, 20*, 30*, 40*, 50*, 60*	V8	CHRYSLER	273 (4.5 L), 277 (4.5 L), 301 (4.9 L), 313 (5.1 L), 326 (1956-69)	23
				318 (5.2 L) (1957-04), 318 (5.2 L) CNG (1992-01)	24
				340 (5.6 L) OHV (1968-73)	25
				360 (5.9 L) (1971-02), 360 (5.9 L) LPG (1971-93)	27
CB 481 P	STD*, 10*, 20*, 30*, 40*, 50*, 60*	V10	CHRYSLER	488 (8.0 L) Block de aluminio/hierro (1994-02)	29
CB 527 P	STD*, 10*, 20*, 30*, 40*	V8	CHRYSLER	350 (5.7 L), 361 (5.9 L), 383 (6.3 L), 400 (6.6 L) OHV (1958-80)	26
				383 (6.3 L), 413 (6.8 L), 426 (7.0 L), 440 (7.2 L) OHV (1959-80)	28
CB 583 P	STD, 10, 20, 30, 40, 50, 60	L4	FORD	140 (2.3 L) HSC (1984-94), 153 (2.5 L) HSC (1986-91)	9
CB 583 P	STD, 10, 20, 30, 40, 50, 60	L6	FORD	200 (3.3 L) OHV (1963-83)	17
				250 (4.1 L) (1969-80)	23
CB 606 P	STD, 10, 20, 30, 40, 50, 60	L6	CHRYSLER	170 (2.8 L) OHV (1960-69), 198 (3.2 L) OHV (1970-74)	14
CB 610 P	STD, 10, 20, 30, 40	L4	G.M.	151 (2.5 L) Pontiac VIN 2, A, E, R (1982-93)	16
				151 (2.5 L) Pontiac (1977-84)	17
CB 610 P	STD, 10, 20, 30, 40	V6	G.M.	198 (3.2 L) Buick (1962-63)	25
				225 (3.7 L) Buick (1964-67)	29
				231 (3.8 L) Carbureted Buick (1975-77)	31
CB 610 P	STD, 10, 20, 30, 40	V8	G.M.	215 (3.5 L) (1961-63)	35
				265 (4.3 L) LS5, 301 (4.9 L) Pontiac, 340 (5.6 L) Buick (1966-81)	40
				300 (4.9 L) Buick (1964-67)	41
				350 (5.7 L) Buick (1968-81)	44
CB 634 P	STD, 10, 20, 30, 40, 50, 60	V8	FORD	221 (3.6 L) (1962-63), 255 (4.2 L) (1980-82), 260 (4.3 L) (1962-65)	25
				289 (4.7 L) (1965-68)	30
				302 (5.0 L), 302 (5.0 L) LPG, 302 (5.0 L) High Output (1968-01)	31
CB 663 P	STD, 10, 20, 30, 40, 50, 60	L6	G.M.	292 (4.8 L) (1963-89)	34
CB 663 P	STD, 10, 20, 30, 40, 50, 60	V8	G.M.	294 (4.8 L) Vortec LR4 (1999-03), 325 (5.3 L) Vortec L59, LM7, LS1, LS6 (1997-02), 365 (6.0 L) Vortec LQ4 KL6, KL8 CNG (2003)	42
				262 (4.3 L) (1975-76), 265 (4.3 L) L99 (1994-96), 267 (4.4 L) L39 (1979-82), 305 (5.0 L) (1976-02), 307 (5.0 L), 350 (5.7 L) (1967-02), 350 (5.7 L) LPG (1967-85)	38
				265 (4.3 L), 302 (5.0 L), 327 (5.4 L), 327 (5.4 L) LPG (1968-69)	39
				400 (6.6 L) (1970-80)	46
			ISUZU	350 (5.7 L) (1993-02) Chevrolet	10
CB 667 P	STD, 10, 20, 30, 40, 50, 60	L4	PERKINS	212 (3.5 L) 4-212, 236 (3.9 L) 4-236, 248 (4.1 L) 4-248	1
CB 667 P	STD, 10, 20, 30, 40, 50, 60	L6	PERKINS	354 (5.8 L) 6-354.2, 6-354, A6-354, 372 (6.1 L) 6-372 Diesel	4
				354 (5.8 L) 6-354.3, 6-354.4, 372 (6.1 L) 6-372.4 Diesel	5
CB 684 P	STD, 10, 20, 30	V8	G.M.	260 (4.3 L) LV8 (1975-82), 307 (5.0 L) Oldsmobile (1980-90)	37
				330 (5.4 L), 350 (5.7 L), 403 (6.6 L) L80 Oldsmobile (1964-79)	43
CB 699 P	STD, 10, 20, 30, 40	L6	FORD	240 (4.0 L) OHV (1965-74), 300 (4.9 L), 300 (4.9 L) LPG (1965-96)	21
CB 723 P	STD, 10, 20, 30, 40	V6	FORD	159 (2.6 L) (1972-73), 2551 cc (2.6 L) German (1970-74)	12
				171 (2.8 L) German (1974-86) Truck	13
				177 (2.9 L) OHV Truck (1986-92)	14
				244 (4.0 L) OHV (1990-00), 244 (4.0 L) SOHC (1997-01)	22
			MAZDA	4016 cc (4.0 L) OHV (1991-00), 244 (4.0 L) SOHC (2001) Ford	13
CB 743 P	STD, 10, 20, 30, 40	V8	G.M.	366 (6.0 L) (1966-98), 396 (6.6 L) (1965-71), 427 (7.0 L) (1966-98)	45
				402 (6.6 L) L47, LS3 (1970-72), 454 (7.4 L) (1970-00), 454 (7.4 L) LP4, LPG (1999-00)	47
				496 (8.1 L), 8135 cc Vortec 8100 L18 OHV (2001-02)	48

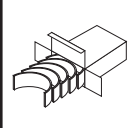
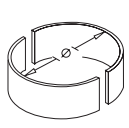
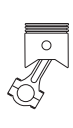
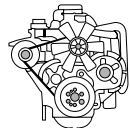
Listado numérico de productos/*Numeric List of Products* Cojinetes de biela/*Connecting Rod Bearings*

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CB 745 P	STD, 10, 20, 30, 40, 50, 60	L4	G.M.	112 (1.8 L) L46, 121 (2.0 L) LQ2, 122 (2.0 L), 140 (2.3 L) (1975-92)	8
				134 (2.2 L) LM3 (1990-91), 134 (2.2 L) OHV (1992-97)	11
				134 (2.2 L) OHV Chevrolet (1998-02)	12
				153 (2.5 L) (1962-70)	18
			ISUZU	134 (2.2 L) OHV (1996-03) Chevrolet	4
CB 745 P	STD, 10, 20, 30, 40, 50, 60	L6	G.M.	194 (3.2 L), 215 (3.5 L) Pontiac, 230 (3.8 L) (1962-70)	23
				230 (3.8 L) OHC Pontiac, 250 (4.1 L) OHC Pontiac (1966-69)	30
				250 (4.1 L) (1966-84)	32
CB 745 P	STD, 10, 20, 30, 40, 50, 60	V8	G.M.	265 (4.3 L), 283 (4.6 L), 302 (5.0 L), 327 (5.4 L) (1955-67)	39
CB 760 P	STD, 10, 20, 30, 40, 50, 60	V8	FORD	330 (5.4 L) OHV, 332 (5.4 L), 352 (5.8 L), 361 (5.9 L) OHV, 390 (6.4 L), 391 (6.4 L) OHV (1961-78)	32
				359 (5.9 L) OHV, 360 (5.9 L), 389 (6.4 L), 410 (6.7 L), 428 (7.0 L) (1966-78)	37
				427 (7.0 L) High Performance (1968)	39
CB 780 P	STD, 10, 20, 30, 40, 50, 60	4	VW	1192 cc (1.2 L) 1200, 1285 cc (1.3 L) 1300, 1493 cc (1.5 L) 1500, 1584 cc (1.6 L) 1600 (1968-02) Enfriado por aire/Air Cooled	1
CB 818 P	STD, 10, 20, 30, 40	V8	FORD	370 (6.1 L) (1979-91), 429 (7.0 L) (1968-97), 460 (7.5 L) (1968-98)	38
CB 831 P	STD, 10, 20, 30, 40, 50, 60	V8	FORD	351 (5.8 L) Windsor LPG (1969-94), 351 (5.8 L) 351W Windsor (1969-98), 335 (5.5 L) Mex (1969-86)	35
CBX 832 P	STD, 10, 20, 30, 40	L4	NISSAN	1751 cc (1.8 L) J18 (1981-93)	9
CB 927 P	STD, 10, 20, 30, 40	V8	FORD	351 (5.8 L) 351C, Cleveland, 351 (5.8 L) 351C LPG (1970-74)	34
				351 (5.8 L) 351M, 351 (5.8 L) 351M LPG (1975-82), 400 (6.6 L) LPG, 400 (6.6 L) OHV (1971-82)	36
CB 960 P	STD, 10, 20, 30, 40, 50, 60	L4	CHRYSLER	150 (2.5 L) Jeep (1996-02), 150 (2.5 L) SOHC Renault (1988-90)	12
CB 960 P	STD, 10, 20, 30, 40, 50, 60	L6	AMC	199 (3.3 L) (1965-70), 232 (3.8 L) (1964-79), 258 (4.2 L) (1971-88)	1
			CHRYSLER	242 (4.0 L) (1987-90), 258 (4.2 L) (1971-90)	21
CB 960 P	STD, 10, 20, 30, 40, 50, 60	V8	AMC	290, 304, 343, 360 (1966-78)	2
CB 966 P	STD, 10, 20, 30, 40	L4	NISSAN	1595 cc (1.6 L) L16 (1968-73), 1770 cc (1.8 L) L18 (1972-74)	6
				1952 cc (2.0 L) L20B, Z20, Z20E, Z20S (1974-85), 2187 cc (2.2 L) Z22, Z22E SOHC (1981-83), 2389 cc (2.4 L) Z24, Z24i (1983-89)	10
				2187 cc (2.2 L) Z22, Z22E, SOHC (1981-83)	
CB 966 P	STD, 10, 20, 30, 40	L6	NISSAN	2293 cc (2.4 L) L24 SOHC (1977-84), 2565 cc (2.6 L) L26, 2753 cc (2.8 L) L28E SOHC (1975-83), 2793 cc (2.8 L) LD28 Diesel (1981-83)	14
CB 967 P	STD, 10, 20, 30, 40, 50, 60	L4	NISSAN	1189 cc (1.2 L) E1 (1961-66), 1299 cc (1.3 L) J13 (1965-72)	3
				1483 cc (1.5 L) J15 (1971-89), 1567 cc (1.6 L) J16 (1972-84)	5
CB 971 P	STD, 10, 20, 30, 40	V6	CUMMINS	352 (5.8 L) Diesel, 378 (6.2 L) Diesel	1
CB 971 P	STD, 10, 20, 30, 40	V8	CUMMINS	470 (7.7 L) Diesel, 504 (8.3 L) Diesel	2
				504 (8.3 L) V504 Big Cam I Diesel	3
CB 980 P	STD, 10, 20, 30, 40	L4	NISSAN	998 cc (1.0 L) A10 (1965-71)	1
				1171 cc (1.2 L) A12, 1237 cc (1.2 L) A12A, 1288 cc (1.3 L) A13, 1397 cc (1.4 L) A14, 1488 cc (1.5 L) A15 (1971-82)	2
CB 984 P	STD, 10, 20, 30, 40	L4	FORD	121 (2.0 L) (1983-88), 140 (2.3 L) SOHC (1979-90)	5
				140 (2.3 L) SOHC (1991-97), 153 (2.5 L) SOHC (1998-01)	10
			MAZDA	140 (2.3 L) SOHC (1994-97), 153 (2.5 L) SOHC (1998-01) Ford	8
CB 988 P	STD, 10, 20, 30	L4	NISSAN	2164 cc (2.2 L) SD22 OHV Diesel (1981-83), 2488 cc (2.5 L) SD25 OHV Diesel (1983-86)	12

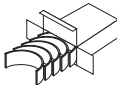
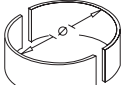
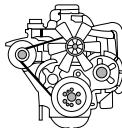
Listado numérico de productos/*Numeric List of Products* Cojinetes de biela/*Connecting Rod Bearings*

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CB 988 P	STD, 10, 20, 30	L6	NISSAN	3246 cc (3.2 L) SD33 Diesel (1966-90)	18
CB 1005 P	STD, 10, 20, 30, 40, 50	L4	RENAULT	1289 cc (1.3 L) (1969-79)	1
				1397 cc (1.4 L) (1980-87)	2
CB 1017 P	STD, 10, 20, 30, 40, 50	L4	AUDI	1471 cc (1.5 L) SOHC (1973-74), 1588 cc (1.6 L) (1975-80), 1715 cc (1.7 L) (1981-84)	1
			CHRYSLER	105 (1.7 L) SOHC Volkswagen (1978-83)	5
			VW	1457 cc (1.5 L) (1978-80), 1715 cc (1.7 L) (1981-84)	2
			VW	1471 cc (1.5 L) Diesel, Gas, 1588 cc (1.6 L) (1974-80)	3
CB 1017 P	STD, 10, 20, 30, 40, 50	L5	AUDI	2144 cc (2.2 L) SOHC (1978-83)	4
			VW	2144 cc (2.2 L) WE (1983)	9
CB 1095 P	STD, 10, 20, 30	L4	ISUZU	2775 cc (2.8 L) 4BA1, 3268 cc (3.3 L) 4BC1, 3595 cc (3.6 L) 4BB1 Diesel (1973-90)	6
				3856 cc (3.9 L) 4BD1 OHV Diesel (1985-90), 3856 cc (3.9 L) 4BD1, 4BD2TC OHV Turbo, Diesel (1986-99)	7
CB 1110 P	STD, 10, 20, 30, 40	L4	FORD	110 (1.8 L) SOHC, 122 (2.0 L) SOHC Mazda (1972-84)	3
			MAZDA	1796 cc (1.8 L) VB SOHC (1972-78), 1970 cc (2.0 L) MA SOHC (1979-82)	3
CB 1117 P	STD, 10, 20, 30	L6	MERCEDES BENZ	OM 352, OM 366, OM 366-A, OM 366-LA (5.7 L) (1965-90)	1
CB 1120 P	STD, 10, 20, 30	L4	CHRYSLER	98 (1.6 L) DOHC, 98 (1.6 L) SOHC (1984-90) Mitsubishi	4
				107 (1.8 L) 8V 4G37 (1989-92) Mitsubishi	6
				122 (2.0 L) 4G63 DOHC (1989-94), 122 (2.0 L) 4G63T Turbo (1990-98), 144 (2.4 L) 4G64 SOHC (1990-93) Mitsubishi	7
			HYUNDAI	1439 cc (1.4 L) 4G33 Mitsubishi (1984-87)	1
				1595 cc (1.6 L) DOHC, 1597 cc (1.6 L) 4G32 SOHC (1985-95)	4
				1997 cc (2.0 L) G63B SOHC, 2350 cc (2.4 L) G4CS SOHC, 2351 cc (2.4 L) G64B SOHC (1985-91) Mitsubishi	5
			MITSUBISHI	1595 cc (1.6 L) 4G61 DOHC (1991-92), 1595 cc (1.6 L) 4G61 Turbo, 1597 cc (1.6 L) G32B SOHC Turbo (1985-90)	2
				1755 cc (1.8 L) 4G37 (1989-94), 1794 cc (1.8 L) G62B (1983), 1794 cc (1.8 L) G62B Turbo (1984-88)	3
				1997 cc (2.0 L) 4G63 DOHC, SOHC, 4G63T (1989-92)	5
				1997 cc (2.0 L) G63B SOHC (1985-89), 2351 cc (2.4 L) G64B SOHC (1985-88)	6
				2351 cc (2.4 L) 4G64 DOHC (1994-95), 2351 cc (2.4 L) 4G64 SOHC 8V, 16V (1989-99)	8
CB 1202 P	STD, 10, 20, 30, 40	L4	RENAULT	1470 cc (1.5 L) (1966-70), 1565 cc (1.6 L) Comp. 8.0 a 1 Turbo, 1565 cc (1.6 L) Comp. 8.6 a 1, 1565 cc (1.6 L) Comp. 9.0 a 1 (1969-85)	3
				1647 cc (1.7 L) Comp. 7.5 a 1, 1647 cc (1.7 L) Comp. 8.0 a 1, 1647 cc (1.7 L) Comp. 8.6 a 1, 1647 cc (1.7 L) Comp. 9.3 a 1 (1973-89)	5
CB 1214 P	STD, 10, 20, 30, 40, 50, 60	L6	CHRYSLER	225 (3.7 L) OHV, 225 (3.7 L) H225, HA225, HB225 (1961-87)	19

Listado numérico de productos/*Numeric List of Products* Cojinetes de biela/*Connecting Rod Bearings*

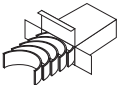
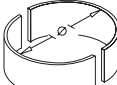
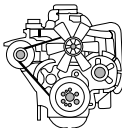
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CB 1216 P	STD, 10, 20, 30, 40	L4	G.M.	85 (1.4 L) LX3 (1976-77), 98 (1.6 L) (1976-87)	4
CB 1218 P	STD, 10, 20, 30, 40	L4	TOYOTA	1858 cc (1.9 L) 8RC, 1968 cc (2.0 L) 18RC SOHC (1969-74)	7
				2189 cc (2.2 L) 20R SOHC (1975-80)	11
				2366 cc (2.4 L) 22R SOHC (1981-90)	12
				2366 cc (2.4 L) 22RE SOHC (1989-95), 2366 cc (2.4 L) 22RTEC SOHC Turbo (1985-88)	13
				2366 cc (2.4 L) 22REC SOHC (1983-88)	14
CB 1219 P	STD, 10, 20, 30	L6	TOYOTA	3878 cc (3.9 L) F (1969-78), 4230 cc (4.2 L) 2F (1975-87)	17
CB 1220 P	STD, 10, 20, 30, 40	L4	CHRYSLER	122/1997 cc (2.0 L) SOHC (1974-82), 156 (2.6 L) SOHC "F" (1978-87) Mitsubishi	8
			MAZDA	2555 cc (2.6 L) AM1 SOHC (1987-88)	9
			MITSUBISHI	2346 cc (2.3 L) 4D55 Turbo Diesel (1983-85)	7
				2555 cc (2.6 L) G54B, G54B Turbo (1983-90)	9
CB 1222 P	STD, 10, 20, 30	L4	HONDA	1169 cc (1.2 L) EB1 SOHC (1973), 1237 cc (1.2 L) EB2, EB3 SOHC (1974-79), 1335 cc (1.3 L) EJ1 SOHC (1980-83)	1
CB 1223 P	STD, 10, 20, 30	L4	HONDA	1488 cc (1.5 L) EC, ED1, ED2, ED3, ED4, EM1 SOHC (1975-83), 1599 cc (1.6 L) EF1 SOHC, EG (1976-79), 1751 cc (1.8 L) EK1 SOHC (1979-83)	3
CB 1227 P	STD, 10, 20, 30	V6	G.M.	200 (3.3 L) L26 (1978-79), 229 (3.8 L) LC3 (1980-84)	26
CB 1228 P	STD, 10, 20, 30, 40	V6	G.M.	181 (3.0 L) Buick (1982-88), 231 (3.8 L) Buick (1978-89)	21
				196 (3.2 L) LC9 (1978-79), 252 (4.1 L) LC4 Buick (1980-84)	24
				204 (3.3 L) LG7 (1989-93)	27
				231 (3.8 L) Carbureted Buick (1975-87), 231 (3.8 L) Fuel Injected Buick (1984-90)	31
CB 1238 P	STD, 10, 20, 30, 40	V6	G.M.	173 (2.8 L) (1980-94) Carrera de 67 mm	19
				173 (2.8 L) (1980-93) Carrera de 63.3 mm	20
				189 (3.1 L) (1988-04), 207 (3.4 L) (1993-03)	22
				207 (3.4 L) LQ1 DOHC (1991-97)	28
				250 (4.1 L) (1995-05)	32
			ISUZU	2827 cc (2.8 L), 3137 cc (3.1 L) CPC, LG6 (1989-94) Chevrolet	8
CB 1250 P	STD, 10, 20, 30	L4	MAZDA	1586 cc (1.6 L) NA SOHC (1970-77)	2
				1985 cc (2.0 L) VA (1971-79)	4
CB 1269 P	STD, 10, 20, 30, 40	L4	CHRYSLER	135 (2.2 L) SOHC (1981-94), 135 (2.2 L) DOHC (1989-93), 153 (2.5 L) SOHC Turbo (1989-96)	10
CB 1270 P	STD, 10, 20, 30, 40	L4	TOYOTA	1588 cc (1.6 L) 2TC OHV (1971-79), 1770 cc (1.8 L) 3TC OHV (1980-82)	6
CB 1278 P	STD, 10, 20, 30	L4	CHRYSLER	86 (1.4 L) SOHC "J" (1979-84), 92 (1.5 L) SOHC 8V "Q", 92 (1.5 L) SOHC 8V "Q" Turbo (1985-88) Mitsubishi	2
			HYUNDAI	1468 cc (1.5 L) G4AJ, G4DJ, 8V, Mitsubishi (1986-94)	2
			MITSUBISHI	1468 cc (1.5 L) G15B, 1468 cc (1.5 L) G4AJ (1987-88)	1
CB 1279 P	STD, 10, 20, 30	L4	FORD	81 (1.3 L) SOHC Mazda (1988-97)	2
			MAZDA	1272 cc (1.3 L) TC SOHC, 1415 cc (1.4 L) UC SOHC (1978-80), 1490 cc (1.5 L) E5 SOHC (1981-85)	1
CB 1283 P	STD, 10, 20, 30, 40	V6	FORD	232 (3.8 L) (1982-03)	19
				232 (3.8 L) Súper cargado (1989-95)	20
CB 1325 P	STD, 10, 20, 30	L4	TOYOTA	2188 cc (2.2 L) L, 2446 cc (2.5 L) 2L SOHC Diesel (1981-85)	10

Listado numérico de productos/*Numeric List of Products* Cojinetes de biela/*Connecting Rod Bearings*

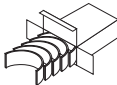
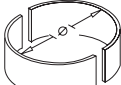
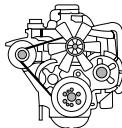
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CB 1326 P	STD, 10, 20, 30	L4	NISSAN	1488 cc (1.5 L) E15, E15S, 1488 cc (1.5 L) E15T (1982-84), 1597 cc (1.6 L) E16, 1597 cc (1.6 L) E16I, E16S (1983-00)	4
CB 1351 P	STD, 10, 20, 30	V8	G.M.	252 (4.1 L), 273 (4.5 L), 300 (4.9 L) Cadillac (1982-95)	36
CB 1358 P	STD, 10, 20, 30, 40	V6	G.M.	262 (4.3 L) (1985-96), 262 (4.3 L) LB4, ZR9 Turbo (1991-93), 262 (4.3 L) Vortec 4300 (1992-03)	33
			ISUZU	262 (4.3 L) Vortec 4300 (1997-00)	9
CB 1361 P	STD, 10, 20, 30	L4	G.M.	98 (1.6 L) LC9 SOHC Toyota (1985-88)	6
			TOYOTA	1452 cc (1.5 L) 3AC SOHC (1981-88), 1587 cc (1.6 L) 4AC SOHC (1983-87)	1
				1587 cc (1.6 L) 4AF, 4AFE, DOHC, 4ALC SOHC (1984-97)	3
				1587 cc (1.6 L) 4AGEC, 4AGELC DOHC (1985-89)	5
CB 1362 P	STD, 10, 20, 30, 40	L4	FORD	122 (2.0 L) SOHC Mazda Diesel (1984-87)	7
				134 (2.2 L) SOHC Mazda (1989-92)	8
			KIA	122 (2.0 L) SOHC (1995), 122 (2.0 L) DOHC Mazda 16V (1989-92)	1
			MAZDA	1998 cc (2.0 L) FE SOHC, 2184 cc (2.2 L) F2 SOHC (1983-93)	6
				1998 cc (2.0 L) RF SOHC Diesel (1984-85)	7
CB 1380 P	STD, 10, 20, 30	L4	FORD	116 (1.9 L) SOHC, H.O. (1987-96), 122 (2.0 L) SOHC (1997-03)	4
CB 1383 P	STD, 10, 20, 30, 40, 50, 60	L4	FORD	140 (2.3 L) HSC (1984-94), 153 (2.5 L) HSC (1986-91)	9
CB 1385 P	STD, 10, 20, 30	V6	FORD	183 (3.0 L) OHV (1986-03)	15
			MAZDA	183 (3.0 L) OHV Ford (1994-03)	12
CB 1387 P	STD, 10, 20, 30	V6	CHRYSLER	239 (3.9 L) (1987-02)	20
CB 1388 P	STD, 10, 20, 30, 40	L4	G.M.	138 (2.3 L) DOHC, 138 (2.3 L) L40 SOHC Oldsmobile (1990-94)	13
CB 1401 P	STD, 10, 20, 30	L3	G.M.	61 (1.0 L) LP2, LS2, LY9 Suzuki (1986-00)	1
			SUZUKI	993 cc (1.0 L) SOHC, Turbo (1985-93)	1
CB 1401 P	STD, 10, 20, 30	L4	G.M.	79 (1.3 L) L72 Suzuki (1992-97), 79 (1.3 L) LY9 Suzuki (1998-99)	2
			SUZUKI	1298 cc (1.3 L) G13BA, SOHC (1989-98), 1324 cc (1.3 L) G13A (1986-89)	2
CB 1408 P	STD, .25 mm, .50 mm, .75 mm	L4	G.M.	122 (2.0 L), 2200 cc (2.2 L) OHC Pontiac Engine (1987-02)	10
CB 1410 P	STD, 10, 20, 30, 40	V6	CHRYSLER	201 (3.3 L) (1990-02), 230 (3.8 L) (1991-05)	16
				215 (3.5 L) (1993-97)	17
CB 1411 P	STD, 10, 20, 30	V6	CHRYSLER	2497 cc (2.5 L) EEB (1995-00) Mitsubishi	13
				181 (3.0 L) SOHC (1987-00), 181 (3.0 L) DOHC (1991-96)	15
			HYUNDAI	2972 cc (3.0 L) 6G72, 6GAT SOHC (1989-98) Mitsubishi	6
			MITSUBISHI	2497 cc (2.5 L) 6G73 (1995)	10
				2972 cc (3.0 L) 6G72 DOHC, Twin Turbo (1991-99), 2972 cc (3.0 L) SOHC 12V, 24V (1988-99)	11
CB 1426 P	STD, 10, 20, 30, 40	L4	AUDI	1588 cc (1.6 L), 1780 cc (1.8 L), 1984 cc (2.0 L) SOHC (1982-91)	2
			VW	1588 cc (1.6 L) CR, CS, JK, Diesel (1981-85), 1588 cc (1.6 L) SOHC 8V Turbo Diesel (1992)	4
				1588 cc (1.6 L) ME Diesel (1981-85), 1588 cc (1.6 L) CY, MD, MF, Turbo Diesel (1982-86)	5
				1780 cc (1.8 L) (1990-92), 1780 cc (1.8 L) JH, JN (1983-89), 1780 cc (1.8 L) PL DOHC 16V (1986-89)	6
				1984 cc (2.0 L) 9A DOHC (1990-94), 1984 cc (2.0 L) ABA SOHC (1993-98)	7

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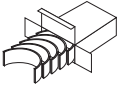
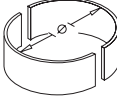
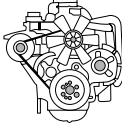
Cojinetes de biela/Connecting Rod Bearings

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CB 1426 P	STD, 10, 20, 30, 40	L5	AUDI	1986 cc (2.0 L) SOHC, 2144 cc (2.2 L) SOHC, 2226 cc (2.2 L) SOHC, DOHC, 2309 cc (2.3 L) SOHC, DOHC (1979-95)	3
			VW	2461 cc (2.5 L) DOHC (2000-05)	10
				2144 cc (2.2 L) KM (1984), 2226 cc (2.2 L) JT, KX (1985-88)	8
CB 1437 P	STD, 10, 20, 30	L6	TOYOTA	2759 cc (2.8 L) 5MGE DOHC (1984-88), 2954 cc (3.0 L) 7MGE, 7MGTE DOHC (1987-94)	15
CB 1442 P	STD, 10, 20, 30	V8	FORD	281 (4.6 L) DOHC (1993-02)	26
				281 (4.6 L) SOHC VIN W (1991-92)	27
				281 (4.6 L) SOHC VIN W, X (1993-03), 281 (4.6 L) SOHC CNG, LPG (1995-03)	28
				281 (4.6 L) SOHC VIN 6 (1996-03)	29
				330 (5.4 L) DOHC, SOHC, CNG, SC, Triton (1996-04)	33
CB 1442 P	STD, 10, 20, 30	V10	FORD	415 (6.8 L) SOHC Windsor (1997-04), 281 (4.6 L) SOHC VIN W Block de aluminio, Motor Romeo (2002-04) Triton	40
CB 1443 P	STD, 10, 20, 30	V6	G.M.	204 (3.3 L) LG7 (1989-93)	27
				231 (3.8 L) Súper cargado Buick (1991-03)	31
CB 1451 P	STD, 10, 20, 30	L4	G.M.	1196 cc (1.2 L) (1983-03), 1296 cc (1.3 L) (1979-03), 1389 cc (1.4 L) (1990-03), 1598 cc (1.6 L) Opel (1987-04)	3
				98 (1.6 L) L73 Daewoo (1988-93)	5
CB 1461 P	STD, 10, 20, 30	L4	HONDA	1590 cc (1.6 L) D16A6 SOHC (1988-91), 1590 cc (1.6 L) D16Z6 V-TEC SOHC (1992-95)	4
CB 1474 P	STD, 10, 20, 30	L4	G.M.	98 (1.6 L) LO1 DOHC Toyota (1989-97), 98 (1.6 L) LW0 DOHC Toyota (1988-92)	7
CB 1474 P	STD, 10, 20, 30	L4	TOYOTA	1587 cc (1.6 L) 4AGE DOHC (1988-91), 1587 cc (1.6 L) 4AGZE DOHC Súper cargado (1988-89)	4
				1587 cc (1.6 L) 4AGELC DOHC (1985-89)	5
CB 1480 P	STD, 10, 20, 30, 40	L4	HONDA	2559 cc (2.6 L) 4ZE1 SOHC Isuzu (1994-97)	6
			ISUZU	2559 cc (2.6 L) 4ZE1 SOHC (1988-97)	5
CB 1589 P	STD, 10, 20, 30	L4	NISSAN	2389 cc (2.4 L) KA24DE DOHC (1989-95), 2389 cc (2.4 L) KA24E SOHC (1991-95)	13
CB 1590 P	STD, 10, 20, 30, 40	L4	NISSAN	1597 cc (1.6 L) GA16DE (1991-98), 1597 cc (1.6 L) GA16I (1989-90)	7
CB 1591 P	STD, 10, 20, 30, 40	V6	FORD	2960 cc (3.0 L) VG30E SOHC, Nissan (1993-98)	16
				3275 cc (3.3 L) SOHC Nissan (1999-02)	18
		NISSAN		2960 cc (3.0 L) VE30DE, VG30DE, DOHC (1990-96), 2960 cc (3.0 L) VG30, VG30E, SOHC (1984-98)	16
				2960 cc (3.0 L) VG30DETT, DOHC Turbo (1990-96), 2960 cc (3.0 L) VG30T, SOHC Turbo (1984-89)	15
				3275 cc (3.3 L) VG33E SOHC (1996-00)	17
CB 1593 P	STD, 10, 20, 30, 40	L4	TOYOTA	1456 cc (1.5 L) 3E, 3EE, SOHC (1987-94), 1497 cc (1.5 L) 5EFE DOHC (1992-98)	2
CB 1625 P	STD, 10, 20, 30, 40	V6	TOYOTA	2958 cc (3.0 L) 3VZE SOHC (1988-95)	16
CB 1629 P	STD, 10, 20, 30	L4	NISSAN	1998 cc (2.0 L) SR20DE DOHC (1991-98)	11

Listado numérico de productos/*Numeric List of Products* Cojinetes de biela/*Connecting Rod Bearings*

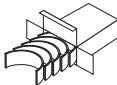
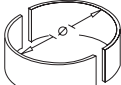
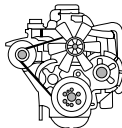
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CB 1634 P Diám. exterior + .002"	10, 20, 30	V8	FORD	281 (4.6 L) DOHC (1993-04), 281 (4.6 L) SOHC VIN W Block de aluminio, Motor Romeo (2002-04)	26
				281 (4.6 L) SOHC VIN W (1991-92)	27
				281 (4.6 L) SOHC VIN W, X (1993-03), 281 (4.6 L) SOHC CNG, LPG (1995-03)	28
				281 (4.6 L) SOHC VIN 6 (1996-03)	29
				330 (5.4 L) DOHC, SOHC, CNG, SC, Triton (1996-04)	33
CB 1635 P	STD, 10, 20, 30	L4	CHRYSLER	122 (2.0 L) DOHC (1995-99), 122 (2.0 L) SOHC (1995-02)	9
			MAZDA	2254 cc (2.3 L) KJ DOHC Súper cargado (1995-96)	10
			MITSUBISHI	122 (2.0 L) DOHC Chrysler (1995-99)	4
CB 1639 P	STD, 10, 20, 30, 40	L4	TOYOTA	2164 cc (2.2 L) 5SFE DOHC (1990-98)	9
CB 1647 P	STD, .25 mm, .50 mm, .75 mm	L4	G.M.	146 (2.4 L) DOHC Oldsmobile LD9 (1996-02)	15
CB 1654 P	STD, 10, 20, 30, 40	L4	G.M.	1817 cc (1.8 L) SOHC Isuzu (1972-82), 119 (1.9 L) LR1 SOHC Isuzu (1982-85)	9
				2254 cc (2.3 L) 4ZD1 SOHC Isuzu (1986-95)	14
			ISUZU	1817 cc (1.8 L) G180Z SOHC (1981-85)	1
				1949 cc (1.9 L) G200Z SOHC (1983-87)	2
				1994 cc (2.0 L) 4ZC1 SOHC Turbo (1985-89), 2254 cc (2.3 L) 4ZD1 SOHC (1986-95)	3
			OPEL	1817 cc (1.8 L) SOHC Isuzu (1976-79)	1
CB 1667 P	STD, 10, 20, 30, 40	V6	FORD	232 (3.8 L) (1982-04)	19
				256 (4.2 L) (1997-05)	24
CB 1776 P Diám. exterior + .002"	10, 20, 30, 40	V8	G.M.	294 (4.8 L) Vortec LR4 (1999-03), 325 (5.3 L) Vortec L59, LM7, LS1, LS6 (1997-02), 365 (6.0 L) Vortec LQ4 KL6, KL8 CNG (2003)	42
				262 (4.3 L) (1975-76), 265 (4.3 L) L99 (1994-96), 267 (4.4 L) L39 (1979-82), 305 (5.0 L) (1976-02), 307 (5.0 L), 350 (5.7 L) (1967-02), 350 (5.7 L) LPG (1967-85)	38
				350 (5.7 L) (1993-02) Chevrolet	10
CB 1778 P Diám. exterior + .002"	10, 20, 30, 40	V8	FORD	289 (4.7 L) (1965-68)	30
				302 (5.0 L), 302 (5.0 L) LPG, 302 (5.0 L) High Output (1968-01)	31
CB 1779 P Diám. exterior + .002"	10, 20, 30, 40	V8	CHRYSLER	318 (5.2 L) (1957-02), 318 (5.2 L) CNG (1992-01), 318 (5.2 L) H318, HA318, HB318, HC318, HT318, LH318, LT318	24
				360 (5.9 L) (1971-02), 360 (5.9 L) LPG (1971-93)	27
CB 1784 P	STD, .25 mm, .50 mm	V8	CHRYSLER	287 (4.7 L) SOHC EDV, H.O. (2000-05)	22
CB 1818 P	STD, .25 mm, .50 mm	V6	CHRYSLER	226/3701 (3.7 L) EGK SOHC 12V (2003-05)	18
CB 2356 P	STD, 10, 20, 30, 40	V8	HOLDEN	253/4146 cc (4.1 L) (1969-84), 308/5047 cc (5.0 L) (1969-90)	1
CB 2372 P	STD, 10, 20, 30	L4	DAEWOO	1498 cc (1.5 L) C16LZ SOHC Opel	1
				1618 cc (1.6 L) C16NZ DOHC 16V Opel	2

Listado numérico de productos/*Numeric List of Products* Cojinetes de biela/*Connecting Rod Bearings*

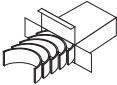
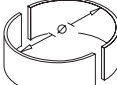
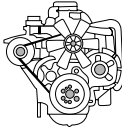
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CB 3201 P	STD, 10, 20, 30	L4	LADA	1198 cc (1.2 L) 1200, 1294 cc (1.3 L) 1300 (1964- 90)	1
				1451 cc (1.5 L) 1500 Vaz 2103/2104 (1978-90), 1568 cc (1.6 L) 1600 Vaz 2106 4x4 (1977- 85)	2
CB 3202 P Diám. exterior + .002"	10, 20, 30, 40	V6	G.M.	262 (4.3 L) (1985-96), 262 (4.3 L) LB4 (ZR9/Z79) Turbo (1991-93), 262 (4.3 L) Vortec 4300 (1992-03)	33
			ISUZU	262 (4.3 L) Vortec 4300 (1997-00)	9
CB 4121 P	STD, 10, 20, 30	L4	FORD	1989 cc (2.0 L) Zetec DOHC 16V (1995-03)	6
			MAZDA	1989 cc (2.0 L) Zetec DOHC 16V Ford (2001-03)	5
CB 4565 P	STD, 10, 20, 30, 40	L4	CHRYSLER	148/2429 cc (2.4 L) DOHC EDZ (1995-04)	11
CB 6155 P	STD, 10, 20, 30	V6	FORD	155 (2.5 L) DOHC Duratec 24V (1995-02), 181/2967 cc (3.0 L) DOHC Duratec 24V (1996-04)	11
			MAZDA	181/2967 cc (3.0 L) DOHC Duratec 24V Ford (2001-03)	11
CB 7000 P	STD, .25 mm, .50 mm	L4	CHRYSLER	999 cc (1.0 L), 1086 cc (1.1 L) SOHC 12V Hyundai (2000-05)	1
CB 7001 P	STD, .25 mm, .50 mm, .75 mm	L4	FORD	1.3 L, 1.4 L, 1.6 L HSC (1998-04)	1
CB 7002 P	STD, .25 mm, .50 mm	L4	NISSAN	1596 cc (1.6 L) DOHC K4M (2002-06)	8

Listado numérico de productos/*Numeric List of Products*

Cojinetes de bancada/*Main Bearings*

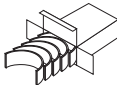
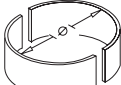
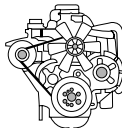
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
MS 517 P	STD, 10, 20, 30, 40, 50, 60	L6	CHRYSLER	170 (2.8 L) OHV (1960-69), 198 (3.2 L) OHV (1970-74)	14
				225 (3.7 L) OHV, H225, HA225, HB225, HC225 (1960-86)	19
MS 540 P	STD, 10, 20, 30, 40, 50, 60	V8	CHRYSLER	273 (4.5 L) OHV (1964-69), 277 (4.5 L) OHV (1956-57), 301 (4.9 L) (1956-57), 313 (5.1 L) (1958-65), 326 (5.3 L) OHV (1959)	23
				318 (5.2 L) (1957-04), 318 (5.2 L) CNG (1992-01)	24
MS 590 P	STD, 10, 20, 30, 40, 50, 60	V8	FORD	221 (3.6 L) (1962-63), 255 (4.2 L) (1980-82), 260 (4.3 L) (1962-65)	25
				289 (4.7 L) (1963-68)	30
				302 (5.0 L) (1968-01), 302 (5.0 L) LPG, H.O. (1968-95)	31
MS 616 P	STD, 10, 20, 30, 40, 50, 60	L4	G.M.	151 (2.5 L) Pontiac (1977-84)	17
				153 (2.5 L) (1962-70)	18
MS 617 P	STD, 10, 20, 30, 40, 50, 60	L6	G.M.	194 (3.2 L), 215 (3.5 L) Pontiac, 230 (3.8 L) (1962-70)	23
				230 (3.8 L) OHC (1966-67), 250 (4.1 L) OHC Pontiac (1968-69)	30
				250 (4.1 L) (1966-84)	32
				292 (4.8 L) (1963-89)	34
MS 685 P	STD, 10, 20, 30, 40	V8	FORD	330 (5.4 L) OHV, 332 (5.4 L), 352 (5.8 L), 361 (5.9 L) OHV, 390 (6.4 L), 391 (6.4 L) OHV (1964-78)	32
				427 (7.0 L) High Performance, Super High Output (1964-65)	39
MS 704 P	STD, 10, 20, 30, 40, 50, 60	L6	AMC	199 (3.3 L), 232 (3.8 L) (1964-79), 258 (4.2 L) (1971-88)	1
			CHRYSLER	242 (4.0 L) (1987-90), 258 (4.2 L) (1971-01)	21
MS 757 P	STD, 10, 20, 30, 40, 50, 60	L6	PERKINS	354 (5.8 L) 6-354.2, 6-354, A6-354, 372 (6.1 L) 6.372 Diesel	4
				354 (5.8 L) AT6-354, ATC6-354, T6-354 Turbo, Diesel	6
MS 771 P	STD, 10, 20, 30, 40	L6	FORD	200 (3.3 L) OHV (1963-83)	17
MS 805 P	STD, 10, 20, 30, 40	V8	G.M.	260 (4.3 L) LV8 (1975-82), 307 (5.0 L) Oldsmobile (1980-90)	37
				330 (5.4 L) OHV (1964-67), 350 (5.7 L) (1968-80), 403 (6.6 L) L80 Oldsmobile (1977-79)	43
MS 822 AL	STD, 10, 20, 30, 40	4	VW	1192 cc (1.2 L) 1200, 1285 cc (1.3 L) 1300, 1453 cc (1.5 L) 1500, 1584 cc (1.6 L) 1600 (1968-02) Enfriado por aire/Air Cooled	1
MS 829 P	STD, 10, 20, 30, 40	V8	G.M.	366 (6.0 L) (1966-98), 396 (6.6 L) (1965-71), 427 (7.0 L) (1966-98), 427 (7.0 L) LPG (1966-69)	45
				402 (6.6 L) L47, LS3 (1970-72), 454 (7.4 L) (1970-00), 454 (7.4 L) LPG (1970-76), 454 (7.4 L) LP4, LPG (1999-00)	47
MS 830 P	STD, 10, 20, 30, 40, 50, 60	V8	PERKINS	212 (3.5 L), 236 (3.9 L), 248 (4.1 L) Diesel	1
				318/5215 cc (5.2 L) 4.318, A4.318 Diesel	3
MS 860 P	STD, 10, 20, 30	V6	FORD	159 (2.6 L) (1972-73), 2551 cc (2.6 L) German (1970-74)	12
				171 (2.8 L) German (1983-86) Truck	13
				177 (2.9 L) OHV Truck (1986-92)	14
MS 863 P	STD, 10, 20, 30, 40	V8	FORD	330 (5.4 L) OHV, 352 (5.8 L), 361 (5.9 L) OHV, 390 (6.4 L), 391 (6.4 L) OHV (1966-78)	32
				359 (5.9 L) OHV, 360 (5.9 L), 389 (6.4 L) (1975-78), 410 (6.7 L) (1966-67), 428 (7.0 L) (1966-78)	37
				427 (7.0 L) High Performance (1966-68), 427 (7.0 L) Super High Output (1966-67)	39

Listado numérico de productos/*Numeric List of Products* Cojinetes de bancada/*Main Bearings*

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
MS 909 P	STD, 10, 20, 30, 40, 50, 60	V8	G.M.	262 (4.3 L) (1975-76), 265 (4.3 L) L99 (1994-96), 267 (4.4 L) L39 (1979-82), 305 (5.0 L) (1976-02), 307 (5.0 L) (1968-73), 350 (5.7 L) (1967-02), 350 (5.7 L) LPG (1967-85)	38
				265 (4.3 L), 283 (4.6 L), 302 (5.0 L), 327 (5.4 L), 327 (5.4 L) LPG (1955-69)	39
			ISUZU	350 (5.7 L) (1993-02) Chevrolet	10
MS 943 AL	STD, 10, 20, 30, 40	4	VW	1192 cc (1.2 L) 1200, 1285 cc (1.3 L) 1300, 1453 cc (1.5 L) 1500, 1584 cc (1.6 L) 1600 (1968-02) Enfriado por aire/ <i>Air Cooled</i>	1
MS 956 P	STD, 10, 20, 30, 40, 50, 60	L4	PERKINS	270 (4.4 L) 4-270, A4-270, D4-270, 301 (4.9 L) 4-300 Diesel	2
MS 960 P	STD, 10, 20, 30, 40	V6	G.M.	181 (3.0 L) Buick (1982-88), 231 (3.8 L) Buick (1978-89)	21
				196 (3.2 L) LC9 (1978-79), 252 (4.1 L) LC4 Buick (1980-84)	24
				204 (3.3 L) LG7 (1989-93)	27
				225 (3.7 L) Buick (1964-67)	29
				231 (3.8 L) Carbureted Buick (1975-87), 231 (3.8 L) Fuel Injected Buick (1984-03)	31
MS 963 P	STD, 10, 20, 30, 40	V8	CHRYSLER	340 (5.6 L) OHV (1968-73)	25
MS 979 P	STD, 10, 20, 30, 40	L6	FORD	240 (4.0 L) OHV (1965-74), 300 (4.9 L) (1965-96)	21
				250 (4.1 L) (1969-80)	23
MS 981 P	STD, 10, 20, 30, 40, 50, 60	V8	FORD	351 (5.8 L) Windsor LPG (1969-94), 351 (5.8 L) 351W Windsor (1969-98), 335 (5.5 L) Mex (1969-86)	35
				351 (5.8 L) 351M (1975-82), 400 (6.6 L) OHV (1971-82)	36
MS 1038 P	STD, 10, 20, 30, 40	V8	G.M.	400 (6.6 L) (1970-80)	46
MS 1039 P	STD, 10, 20, 30, 40	V8	FORD	370 (6.1 L) (1979-91), 429 (7.0 L) (1968-97), 460 (7.5 L) (1968-98)	38
MS 1051 P	STD, 10, 20, 30, 40	V8	CHRYSLER	360 (5.9 L) (1971-02), 360 (5.9 L) LPG (1971-98)	27
MS 1053 AL	STD, 10, 20, 30, 40	4	VW	1192 cc (1.2 L) 1200, 1285 cc (1.3 L) 1300, 1453 cc (1.5 L) 1500, 1584 cc (1.6 L) 1600 (1968-02) Enfriado por aire/ <i>Air Cooled</i>	1
MS 1054 P	STD, 10, 20, 30, 40	L4	NISSAN	1595 cc (1.6 L) L16 (1968-73), 1770 cc (1.8 L) L18 (1972-74)	6
MS 1060 P	STD, 10, 20, 30, 40	V6	CUMMINS	352 (5.8 L) Diesel, 378 (6.2 L) Diesel	1
MS 1061 P	STD, 10, 20, 30, 40	V8	CUMMINS	470 (7.7 L) Diesel, 504 (8.3 L) Diesel	2
				504 (8.3 L) Big Cam I Diesel	3
				555 (9.1 L) Small Cam Diesel	4
				555 (9.1 L) Big Cam Diesel	5
				555 (9.1 L) Turbo Diesel	6
MS 1102 P	STD, 10, 20, 30	L4	TOYOTA	1858 cc (1.9 L) 8RC SOHC (1969-71), 1968 cc (2.0 L) 18RC SOHC (1972-74)	7
MS 1106 P	STD, 10, 20, 30	L6	NISSAN	2293 cc (2.4 L) L24, SOHC (1977-82), 2565 cc (2.6 L) L26, 2753 cc (2.8 L) L28E SOHC, L28ET (1975-83), 2793 cc (2.8 L) LD28 Diesel (1981-84)	14
MS 1107 P	STD, 10, 20, 30	L4	NISSAN	1171 cc (1.2 L) A12 (1971-73), 1237 cc (1.2 L) A12A (1980-82), 1288 cc (1.3 L) A13 (1972-74), 1397 cc (1.4 L) A14 (1975-82), 1488 cc (1.5 L) A15 (1979-82)	2
MS 1117 P	STD, 10, 20, 30, 40	L4	FORD	121 (2.0 L) (1983-88), 140 (2.3 L) SOHC (1979-90)	5
MS 1140 P	STD, 10, 20, 30, 40	L4	RENAULT	1470 cc (1.5 L) (1966-70), 1565 cc (1.6 L) (1972-85)	3
				1647 cc (1.7 L) (1973-83)	5

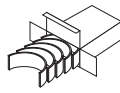
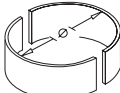
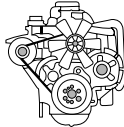
Listado numérico de productos/*Numeric List of Products*

Cojinetes de bancada/*Main Bearings*

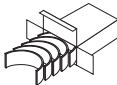
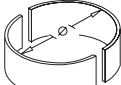
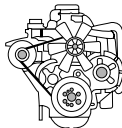
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
MS 1157 P	STD, 10, 20, 30, 40	L4	AUDI	1471 cc (1.5 L) SOHC (1973-74), 1588 cc (1.6 L) (1975-80), 1715 cc (1.7 L) (1981-84)	1
			AUDI	1588 cc (1.6 L) (1982-83), 1780 cc (1.8 L) (1983-87), 1984 cc (2.0 L) SOHC (1988-91)	2
			CHRYSLER	105 (1.7 L) SOHC Volkswagen (1978-83)	5
			VW	1457 cc (1.5 L) (1978-80), 1715 cc (1.7 L) (1981-84)	2
				1471 cc (1.5 L) Diesel, Gas (1974-80), 1588 cc (1.6 L) EE, EJ, FN, YG, YH, YK (1977-80)	3
				1588 cc (1.6 L) CR, CS, JK, Diesel (1981-85), 1588 cc (1.6 L) SOHC 8V Turbo Diesel (1992)	4
				1588 cc (1.6 L) ME Diesel (1981-85), 1588 cc (1.6 L) CY, MD, MF, Turbo Diesel (1982-86)	5
				1780 cc (1.8 L) (1990-92), 1780 cc (1.8 L) JH, JN (1983-89), 1780 cc (1.8 L) PL DOHC 16V (1986-89)	6
				1984 cc (2.0 L) 9A DOHC (1990-94), 1984 cc (2.0 L) ABA SOHC (1993-98)	7
MS 1266 P	STD, 10, 20, 30, 40	V8	CHRYSLER	360 (5.9 L) (1971-02), 360 (5.9 L) LPG (1971-93)	27
MS 1298 P	STD, 10, 20, 30	L4	G.M.	1817 cc (1.8 L) SOHC, 119 (1.9 L) LR1 SOHC Isuzu (1972-85)	9
			ISUZU	1817 cc (1.8 L) G180Z SOHC (1981-85)	1
				1949 cc (1.9 L) G200Z SOHC (1983-87)	2
			OPEL	1817 cc (1.8 L) SOHC Isuzu (1976-79)	1
MS 1329 P	STD, 10, 20, 30, 40, 50, 60	L4	NISSAN	1483 cc (1.5 L) J15 (1971-89), 1567 cc (1.6 L) J16 (1972-84)	5
				1751 cc (1.8 L) J18 (1981-93)	9
MS 1344 P	STD, 10, 20, 30, 40	V8	CHRYSLER	318 (5.2 L) (1957-02), 318 (5.2 L) CNG (1992-01)	24
MS 1381 P	STD, 10, 20, 30	L4	RENAULT	1289 cc (1.3 L) (1969-79)	1
				1397 cc (1.4 L) (1980-87)	2
MS 1389 P	STD, 10, 20, 30	L6	FORD	200 (3.3 L) OHV (1963-83)	17
MS 1416 AL	STD, 10, 20, 30, 40	4	VW	1192 cc (1.2 L) 1200, 1285 cc (1.3 L) 1300, 1453 cc (1.5 L) 1500, 1584 cc (1.6 L) 1600 (1968-02) Enfriado por aire/Air Cooled	1
MS 1417 AL	STD, 10, 20, 30, 40	4	VW	1192 cc (1.2 L) 1200, 1285 cc (1.3 L) 1300, 1453 cc (1.5 L) 1500, 1584 cc (1.6 L) 1600 (1968-02) Enfriado por aire/Air Cooled	1
MS 1419 P	STD, 10, 20, 30, 40	L6	CHRYSLER	225 (3.7 L) OHV (1960-87)	19
MS 1424 P	STD, 10, 20, 30	L4	G.M.	85 (1.4 L) LX3 (1976-77), 98 (1.6 L) (1976-87)	4
MS 1427 P	STD, 10, 20, 30	L4	FORD	110 (1.8 L) SOHC, 122 (2.0 L) SOHC Mazda (1972-82)	3
			MAZDA	1586 cc (1.6 L) NA SOHC (1970-77)	2
				1796 cc (1.8 L) VB SOHC, 1970 cc (2.0 L) MA SOHC (1972-84)	3
MS 1428 P	STD, 10, 20, 30	L4	TOYOTA	2189 cc (2.2 L) 20R SOHC (1975-80)	11
				2366 cc (2.4 L) 22R SOHC (1981-90)	12
MS 1429 P	STD, 10, 20, 30	L6	TOYOTA	3878 cc (3.9 L) F (1969-78), 4230 cc (4.2 L) 2F (1975-84)	17
MS 1431 P	STD, 10, 20, 30	L4	HONDA	1169 cc (1.2 L) EB1 SOHC (1973), 1237 cc (1.2 L) EB2, EB3 SOHC (1974-79), 1335 cc (1.3 L) EJ1 SOHC (1980-83)	1
				1342 cc (1.3 L) EV2 (1984-86), 1488 cc (1.5 L) EW1, EW3, EW4 SOHC (1984-86)	2
				1488 cc (1.5 L) SOHC (1975-83), 1599 cc (1.6 L) EF1 SOHC EG (1976-79), 1751 cc (1.8 L) EK1 SOHC (1979-83)	3

Listado numérico de productos/Numeric List of Products

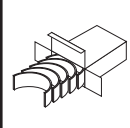
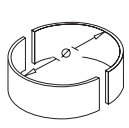
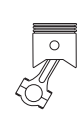
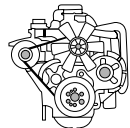
Cojinetes de bancada/Main Bearings

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
MS 1432 P	STD, 10, 20, 30, 40	V8	FORD	351 (5.8 L) 351W Windsor (1977-98), 335 (5.5 L) Mex (1977-86)	35
				351 (5.8 L) 351M (1977-82), 400 (6.6 L) OHV (1977-82)	36
MS 1454 P	STD, 10, 20, 30, 40, 50, 60	V6	G.M.	200 (3.3 L) L26 (1978-79), 229 (3.8 L) (1980-84)	26
				262 (4.3 L) (1985-96), 262 (4.3 L) LB4 (ZR9/Z79) (1991-93), 262 (4.3 L) Vortec 4300 (1992-03)	33
			ISUZU	262 (4.3 L) Vortec 4300 (1997-00)	9
MS 1456 P	STD, 10, 20, 30, 40	L4	TOYOTA	1588 cc (1.6 L) 2TC OHV (1971-79), 1770 cc (1.8 L) 3TC OHV (1980-82)	6
MS 1494 P	STD, 10, 20, 30, 40	V6	G.M.	173 (2.8 L) (1980-85) Carrera de 63.3 mm	20
MS 1533 P	STD, 10, 20, 30, 40	L4	CHRYSLER	135 (2.2 L) SOHC (1981-94), 135 (2.2 L) DOHC (1989-93), 153 (2.5 L) SOHC Turbo (1989-96)	10
MS 1545 P	STD, 10, 20, 30	L4	DAEWOO	1498 cc (1.5 L) C16LZ SOHC Opel	1
				1618 cc (1.6 L) C16NZ DOHC 16V Opel	2
			G.M.	1196 cc (1.2 L), 1296 cc (1.3 L), 1389 cc (1.4 L), 1598 cc (1.6 L) Opel (1987-03)	3
MS 1559 P	STD, 10, 20, 30, 40	L4	CHRYSLER	98 (1.6 L) DOHC, SOHC (1984-90) Mitsubishi	4
				107 (1.8 L) 8V 4G37 (1989-92) Mitsubishi	6
				122 (2.0 L) 4G63 DOHC (1989-94), 122 (2.0 L) 4G63T Turbo (1990-98), 144 (2.4 L) 4G64 SOHC (1990-93) Mitsubishi	7
			HYUNDAI	1439 cc (1.4 L) 4G33 Mitsubishi (1984-87)	1
				1595 cc (1.6 L) DOHC (1992-95), 1597 cc (1.6 L) 4G32 SOHC (1985-90)	4
				1997 cc (2.0 L) G63B SOHC (1985-89), 2350 cc (2.4 L) G4CS SOHC (1989-91), 2351 cc (2.4 L) G64B SOHC (1989-91) Mitsubishi	5
			MITSUBISHI	1595 cc (1.6 L) 4G61 DOHC (1991-92), 1597 cc (1.6 L) G32B SOHC Turbo (1985-88)	2
				1755 cc (1.8 L) 4G37 (1989-94), 1794 cc (1.8 L) G62B (1983-88)	3
				1997 cc (2.0 L) 4G63, 4G63T, DOHC, SOHC (1989-92)	5
				1997 cc (2.0 L) G63B, 2351 cc (2.4 L) G64B SOHC (1983-89)	6
				2351 cc (2.4 L) 4G64 DOHC, SOHC (1989-99)	8
MS 1560 P	STD, 10, 20, 30	L4	MAZDA	1272 cc (1.3 L) TC SOHC, 1415 cc (1.4 L) UC SOHC, 1490 cc (1.5 L) E5 SOHC (1976-85)	1
MS 1561 P	STD, 10, 20, 30, 40	V6	FORD	232 (3.8 L) (1982-03)	19
MS 1568 P	STD, 10, 20, 30, 40, 50, 60	L4	CHRYSLER	150 (2.5 L) SOHC, Renault (1988-90), 150 (2.5 L) Jeep (1996-02)	12
MS 1570 P	STD, 10, 20, 30, 40	L4	NISSAN	1952 cc (2.0 L) L20B, Z20, Z20E, Z20S (1974-85), 2187 cc (2.2 L) Z22, Z22E SOHC (1981-83), 2389 cc (2.4 L) Z24, Z24i (1983-89)	10
MS 1581 P	STD, 10, 20, 30, 40	L6	MERCEDES BENZ	OM 352, OM 366, OM 366-A, OM 366-LA (5.7 L) (1965-90)	1
MS 1590 P	STD, 10, 20, 30	L4	TOYOTA	2366 cc (2.4 L) 22R SOHC (1981-90)	12
				2366 cc (2.4 L) 22RE, 22RTEC SOHC (1985-95)	13
				2366 cc (2.4 L) 22REC SOHC (1983-88)	14
MS 1595 P	STD, 10, 20, 30	L4	NISSAN	1488 cc (1.5 L) E15, E15S, E15T (1982-84), 1597 cc (1.6 L) E16, E16I, E16S (1968-88)	4

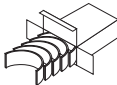
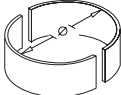
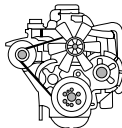
Listado numérico de productos/*Numeric List of Products* Cojinetes de bancada/*Main Bearings*

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
MS 1626 P	10, 20, 30, 40	V8	G.M.	262 (4.3 L) (1975-76), 265 (4.3 L) L99 (1994-96), 267 (4.4 L) L39 (1979-82), 305 (5.0 L) (1976-02), 307 (5.0 L) (1968-73), 350 (5.7 L) (1967-02), 350 (5.7 L) LPG (1967-85)	38
				265 (4.3 L), 283 (4.6 L), 302 (5.0 L), 327 (5.4 L), 327 (5.4 L) LPG (1955-69)	39
MS 1626 P	10, 20, 30, 40	V8	ISUZU	350 (5.7 L) (1993-02) Chevrolet	10
MS 1628 P	10, 20, 30, 40	V6	G.M.	262 (4.3 L) (1985-96), 262 (4.3 L) LB4 (ZR9/Z79) (1991-93), 262 (4.3 L) Vortec 4300 (1992-03)	33
			ISUZU	262 (4.3 L) Vortec 4300 (1997-00)	9
MS 1629 P	STD, 10, 20, 30	L4	FORD	140 (2.3 L) HSC (1984-94), 153 (2.5 L) HSC (1986-91)	9
MS 1633 P	STD, 10, 20, 30	L4	TOYOTA	2188 cc (2.2 L) L, 2446 cc (2.5 L) 2L SOHC Diesel (1981-85)	10
MS 1638 P	STD, 10, 20, 30	L4	G.M.	98 (1.6 L) LC9 SOHC Toyota (1985-88)	6
				98 (1.6 L) LO1 DOHC Toyota (1989-97), 98 (1.6 L) LW0 DOHC Toyota (1988-92)	7
			TOYOTA	1452 cc (1.5 L) 3AC SOHC (1981-88), 1587 cc (1.6 L) 4AC SOHC (1983-87)	1
				1587 cc (1.6 L) 4AF, 4AFE, 4ALC DOHC, SOHC (1984-97)	3
				1587 cc (1.6 L) 4AGE, 4AGZE DOHC (1988-91)	4
				1587 cc (1.6 L) 4AGEC, 4AGELC DOHC (1985-89)	5
MS 1666 P	10, 20, 30, 40	V8	FORD	302 (5.0 L) (1968-01), 302 (5.0 L) LPG (1968-86)	31
MS 1668 P	STD, 10, 20, 30	L4	CHRYSLER	86 (1.4 L) SOHC "J" (1979-84), 92 (1.5 L) SOHC "Q" (1985-88)	2
				92 (1.5 L) SOHC 12V "Q" (1991-96) Mitsubishi	3
			HYUNDAI	1468 cc (1.5 L) G4AJ, G4DJ, 8V Mitsubishi (1986-94)	2
				1495 cc (1.5 L) G4EK, SOHC, DOHC Mitsubishi (1993-98)	3
			MITSUBISHI	1468 cc (1.5 L) G15B, G4AJ (1985-88)	1
MS 1701 P	STD, 10, 20, 30	V6	CHRYSLER	239 (3.9 L) (1987-02)	20
MS 1702 P	STD, 10, 20, 30	V6	FORD	183 (3.0 L) OHV (1986-03)	15
			MITSUBISHI	183 (3.0 L) OHV Ford (1994-03)	12
MS 1703 P	STD, 10, 20, 30	L4	G.M.	138 (2.3 L) DOHC, L40 SOHC Oldsmobile (1987-96)	13
MS 1704 P	STD, 10, 20, 30	L4	G.M.	134 (2.2 L) LM3 (1990-91), 134 (2.2 L) OHV (1992-97)	11
			ISUZU	134 (2.2 L) OHV (1996-00) Chevrolet	4
MS 1705 P	STD, 10, 20, 30	V8	G.M.	252 (4.1 L), 273 (4.5 L), 300 (4.9 L) Cadillac (1982-95)	36
MS 1706 P	STD, 10, 20, 30	L4	FORD	116 (1.9 L) SOHC (1987-96), 122 (2.0 L) SOHC (1997-03)	4
MS 1708 P	STD, 10, 20, 30	L3	G.M.	61 (1.0 L) LP2, LS2, LY9, Suzuki (1986-00)	1
			SUZUKI	993 cc (1.0 L) SOHC, 993 cc (1.0 L) SOHC Turbo (1985-93)	1
MS 1711 P	STD, 10, 20, 30	L4	NISSAN	2164 cc (2.2 L) SD22 OHV Diesel (1981-83), 2488 cc (2.5 L) SD25 OHV Diesel (1983-86)	12
MS 1714 P	STD, 10, 20, 30, 40	L4	TOYOTA	1995 cc (2.0 L) 2SELG SOHC (1983-86), 1998 cc (2.0 L) 3SGELC, 3SFE, 3SGTE DOHC (1986-98)	8
				2164 cc (2.2 L) 5SFE DOHC (1990-98)	9
MS 1720 P	STD, 10, 20, 30	V6	CHRYSLER	181 (3.0 L) SOHC (1987-00), 181 (3.0 L) DOHC (1991-98)	15
			HYUNDAI	2972 cc (3.0 L) 6G72, G6AT SOHC (1989-98) Mitsubishi	6
			MITSUBISHI	2972 cc (3.0 L) 6G72 DOHC (1991-99), 2972 cc (3.0 L) SOHC 12V, 24V (1988-99)	11
MS 1733 P	STD, 10, 20, 30	L4	G.M.	151 (2.5 L) Pontiac VIN 2, A, E, R (1982-93)	16
MS 1743 P	STD, 10, 20, 30, 40	L4	FORD	140 (2.3 L) SOHC (1991-97), 153 (2.5 L) SOHC (1998-01)	10
			MAZDA	140 (2.3 L) SOHC (1994-97), 153 (2.5 L) SOHC (1998-01) Ford	8

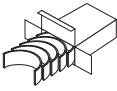
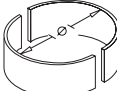
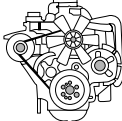
Listado numérico de productos/Numeric List of Products **Cojinetes de bancada/Main Bearings**

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
MS 1744 P	10, 20, 30, 40	V8	G.M.	262 (4.3 L) (1975-76), 265 (4.3 L) L99 (1994-96), 267 (4.4 L) L39 (1979-82), 305 (5.0 L) (1976-02), 307 (5.0 L) (1968-73), 350 (5.7 L) (1967-02), 350 (5.7 L) LPG (1967-85)	38
				265 (4.3 L), 283 (4.6 L), 302 (5.0 L), 327 (5.4 L), 327 (5.4 L) LPG (1955-69)	39
			ISUZU	350 (5.7 L) (1993-02) Chevrolet	10
MS 1746 P	10, 20, 30, 40	V8	FORD	302 (5.0 L) (1968-01), 302 (5.0 L) LPG (1968-86)	31
MS 1752 P	STD, 10, 20, 30	L4	ISUZU	3856 cc (3.9 L) 4BD1, 4BD2TC OHV Diesel (1986-99)	7
MS 1774 P	STD, 10, 20, 30	L6	TOYOTA	2759 cc (2.8 L) 5MGE DOHC (1984-88), 2954 cc (3.0 L) 7MGE, 7MGTE DOHC (1987-94)	15
MS 1775 P	STD, 10, 20, 30	L4	G.M.	2254 cc (2.3 L) 4ZD1 SOHC Isuzu (1986-95)	14
			ISUZU	1949 cc (1.9 L) G200Z SOHC (1983-87)	2
				1994 cc (2.0 L) 4ZC1 SOHC Turbo (1985-89), 2254 cc (2.3 L) 4ZD1 SOHC (1986-95)	3
MS 1779 P	STD, 10, 20, 30	L4	G.M.	79 (1.3 L) L72, LY9 Suzuki (1992-99)	2
			SUZUKI	1298 cc (1.3 L) G13BA SOHC (1989-98), 1324 cc (1.3 L) G13A (1986-89)	2
MS 1782 P	STD, 10, 20, 30	V6	FORD	232 (3.8 L) Súper cargado (1989-95)	20
MS 1803 P	STD, 10, 20, 30, 40	L4	FORD	134 (2.2 L) SOHC Mazda (1989-92)	8
			KIA	122 (2.0 L) SOHC Mazda (1995), 122 (2.0 L) DOHC Mazda 16V (1989-92)	1
			MAZDA	1998 cc (2.0 L) FE SOHC (1983-92), 2184 cc (2.2 L) F2 SOHC (1987-93)	6
MS 1804 P	STD, 10, 20, 30	L4	HONDA	1590 cc (1.6 L) D16A6 SOHC (1988-91), 1590 cc (1.6 L) D16Z6 V-TEC SOHC (1992-95)	4
				1958 cc (2.0 L) B20A3 SOHC, B20A5 DOHC (1988-91), 2056 cc (2.1 L) B21A1 DOHC (1990-91)	5
MS 1812 P	STD, 10, 20, 30	V6	FORD	232 (3.8 L) (1982-04)	19
				256 (4.2 L) (1997-05)	24
MS 1821 P	STD, 10, 20, 30, 40	L4	HONDA	2559 cc (2.6 L) 4ZE1 SOHC Isuzu (1994-97)	6
			ISUZU	2559 cc (2.6 L) 4ZE1 SOHC (1988-97)	5
MS 1822 P	STD, 10, 20, 30	V6	G.M.	204 (3.3 L) LG7 (1989-93)	27
				231 (3.8 L) Buick (1991-93)	31
MS 1945 P	STD, 10, 20, 30, 40	L4	CHRYSLER	122/1997 cc (2.0 L) SOHC (1974-82), 156 (2.6 L) SOHC "F" (1978-87) Mitsubishi	8
			MAZDA	2555 cc (2.6 L) AM1 SOHC (1987-88)	9
			MITSUBISHI	2555 cc (2.6 L) G54B, 2555 cc (2.6 L) G54B Turbo (1983-89)	9
MS 1946 P	STD, 10, 20, 30, 40	V6	CHRYSLER	201 (3.3 L) (1990-02), 230 (3.8 L) (1991-05)	16
MS 1947 P	STD, 10, 20, 30, 40	L6	CHRYSLER	242 (4.0 L) (1987-01), 258 (4.2 L) (1971-88) Jeep	21
MS 1948 P	STD, 10, 20, 30, 40	L4	CHRYSLER	150 (2.5 L) Jeep (1996-02)	12
MS 1949 P	STD, 10, 20, 30	L4	NISSAN	2389 cc (2.4 L) KA24DE DOHC (1989-95), 2389 cc (2.4 L) KA24E SOHC (1991-95)	13
MS 1950 P	STD, 10, 20, 30, 40	L4	NISSAN	1597 cc (1.6 L) GA16DE (1989-98)	7

Listado numérico de productos/*Numeric List of Products* Cojinetes de bancada/*Main Bearings*

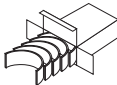
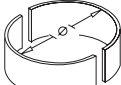
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
MS 1951 P	STD, 10, 20, 30, 40	V6	FORD	2960 cc (3.0 L) VG30E SOHC Nissan (1993-98)	16
				3275 cc (3.3 L) SOHC Nissan (1999-02)	18
			NISSAN	2960 cc (3.0 L) VE30DE DOHC (1992-94), 2960 cc (3.0 L) VG30DE DOHC (1990-96), 2960 cc (3.0 L) VG30E SOHC (1984-98), 2960 cc (3.0 L) VG30DETT DOHC Turbo (1990-96)	15
				2960 cc (3.0 L) VG30 SOHC (1984-89), 2960 cc (3.0 L) VG30T SOHC Turbo (1984-89)	16
				3275 cc (3.3 L) VG33E SOHC (1996-00)	17
MS 1953 P	STD, 10, 20, 30, 40	L4	TOYOTA	1456 cc (1.5 L) 3E, 3EE SOHC (1987-94), 1497 cc (1.5 L) 5EFE DOHC (1992-98)	2
MS 1983 P	STD, 10, 20, 30, 40	V6	FORD	159 (2.6 L) (1972-73), 2551 cc (2.6 L) German (1970-74)	12
				171 (2.8 L) German (1974-86) Truck	13
				177 (2.9 L) OHV Truck (1986-92)	14
MS 2006 P	STD, 10, 20, 30, 40	V6	FORD	177 (2.9 L) OHV Truck (1986-92)	14
				244 (4.0 L) OHV (1990-00), 244 (4.0 L) SOHC (1997-01)	22
			MAZDA	4016 cc (4.0 L) OHV (1991-00) Ford	13
MS 2007 P	STD, 10, 20, 30	V8	FORD	281 (4.6 L) SOHC VIN W, X (1993-04), 281 (4.6 L) SOHC CNG, LPG (1995-03)	28
MS 2010 P	STD, 10, 20, 30	V6	CHRYSLER	215 (3.5 L) SOHC (1993-97)	17
MS 2011 P	STD, 10, 20, 30, 40	V6	TOYOTA	2958 cc (3.0 L) 3VZE SOHC (1988-95)	16
MS 2015 P	STD, 10, 20, 30	L4	NISSAN	1998 cc (2.0 L) SR20DE DOHC (1991-98)	11
MS 2022 P	STD, 10, 20, 30	V6	G.M.	231 (3.8 L) Buick (1995-03)	31
MS 2028 P	STD, 10, 20, 30	L4	CHRYSLER	122 (2.0 L) DOHC (1995-99), 122 (2.0 L) SOHC (1995-02)	4
			MITSUBISHI	122 (2.0 L) DOHC Chrysler (1995-99)	9
MS 2037 P	STD, 10, 20, 30	V6	G.M.	173 (2.8 L) (1980-93) Carrera de 67 mm	19
				189 (3.1 L) (1988-04), 207 (3.4 L) (1993-03)	22
				207 (3.4 L) LQ1 DOHC (1991-97)	28
			ISUZU	2827 cc (2.8 L) (1989-91), 3137 cc (3.1 L) (1991-94) Chevrolet	8
MS 2056 P	STD, .25 mm, .50 mm, .75 mm	L4	G.M.	146 (2.4 L) DOHC Oldsmobile LD9 (1996-02)	15
MS 2068 P	STD, .25 mm, .50 mm, .75 mm	L4	G.M.	122 (2.0 L), 2200 cc (2.2 L) OHC Pontiac Engine (1987-02)	10
MS 2198 P #	***	V8	FORD	281 (4.6 L) DOHC (1993-04), 281 (4.6 L) SOHC VIN W Block de aluminio, Motor Romeo (2002-04) Triton	26
MS 2199 P	STD, 10, 20	V8	G.M.	294 (4.8 L) Vortec LR4 (1999-03), 325 (5.3 L) Vortec L59, LM7, LS1, LS6 (1997-02), 365 (6.0 L) Vortec LQ4 KL6, KL8 CNG (2003)	42
MS 2205 P	STD, 10, 20	L4	G.M.	134 (2.2 L) OHV Chevrolet (1998-02)	12
MS 2244 P	STD, .25 mm, .50 mm	V6	CHRYSLER	226/3701 (3.7 L) EGK SOHC 12V (2003-05)	18
MS 2215 P	STD, 10, 20, 30, 40	V6	G.M.	262 (4.3 L) (1985-96), 262 (4.3 L) LB4 (ZR9/Z79) (1991-93), 262 (4.3 L) Vortec 4300 (1992-03)	33
			ISUZU	262 (4.3 L) Vortec 4300 (1997-00)	9
MS 2216 P	STD, .25 mm, .50 mm	V8	CHRYSLER	287 (4.7 L) SOHC EDV, H.O. (2000-05)	22
MS 2235 P #	***	V8	G.M.	496 (8.1 L)/8135 cc Vortec 8100 L18 OHV (2001-02)	48
MS 2357 P	STD, 10, 20, 30, 40	V8	HOLDEN	253/4146 cc (4.1 L) (1969-84), 308/5047 cc (5.0 L) (1969-90)	1
MS 3000 P	STD, 10, 20, 30	V6	FORD	155 (2.5 L) DOHC Duratec 24V (1995-02), 181/2967 cc (3.0 L) DOHC, Duratec 24V (1996-04)	11
			MAZDA	181/2967 cc (3.0 L) DOHC, Duratec 24V Ford (2001-03)	11

Listado numérico de productos/*Numeric List of Products* Cojinetes de bancada/*Main Bearings*

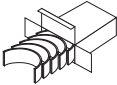
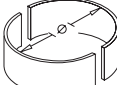
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
MS 3001 P	STD, 10, 20, 30	L4	FORD	1989 cc (2.0 L) Zetec DOHC 16V (1995-03)	6
			MAZDA	1989 cc (2.0 L) Zetec DOHC 16V Ford (2001-03)	5
MS 3501 P	STD, 10, 20, 30	L4	LADA	1198 cc (1.2 L) 1200 (1964-85), 1294 cc (1.3 L) 1300 (1974-90)	1
			LADA	1451 cc (1.5 L) 1500 Vaz 2103/2104 (1978-90), 1568 cc (1.6 L) 1600 Vaz 2106 4x4 (1977-85)	2
MS 5183 P	10, 20, 30, 40	V8	G.M.	262 (4.3 L) (1975-76), 265 (4.3 L) L99 (1994-96), 267 (4.4 L) L39 (1979-82), 305 (5.0 L) (1976-02), 307 (5.0 L) (1968-73), 350 (5.7 L) (1967-02), 350 (5.7 L) LPG (1967-85)	38
				265 (4.3 L), 283 (4.6 L), 302 (5.0 L), 327 (5.4 L), 327 (5.4 L) LPG (1955-69)	39
			ISUZU	350 (5.7 L) (1993-02) Chevrolet	10
MS 5184 P	10, 20, 30, 40	V6	G.M.	262 (4.3 L) (1985-96), 262 (4.3 L) LB4 (ZR9/Z79) (1991-93), 262 (4.3 L) Vortec 4300 (1992-03)	33
			ISUZU	262 (4.3 L) Vortec 4300 (1997-00)	9
MS 5185 P	10, 20, 30, 40	V8	FORD	302 (5.0 L) (1968-01), 302 (5.0 L) LPG (1968-86)	31
MS 5189 P	10, 20, 30, 40	V8	FORD	351 (5.8 L) 351W Windsor (1977-98), 335 (5.5 L) Mex (1977-86)	35
MS 5190 P	10, 20, 30, 40	V8	FORD	351 (5.8 L) 351W Windsor (1977-98), 335 (5.5 L) Mex (1977-86)	35
MS 5191 P	10, 20, 30, 40	V8	FORD	351 (5.8 L) 351W Windsor (1977-98), 335 (5.5 L) Mex (1977-86)	35
MS 7000 P	STD, .25 mm, .50 mm	L4	CHRYSLER	999 cc (1.0 L), 1086 cc (1.1 L) SOHC 12V Hyundai (2000-05)	1
MS 7001 P #	***	L4	VW	1780 cc (1.8 L) 2H, ABG, HT, PF, PG, RD, RV, UM Súper cargado (1990-92), 1780 cc (1.8 L) PL DOHC 16V (1986-89)	6
				1984 cc (2.0 L) 9A DOHC (1990-94), 1984 cc (2.0 L) ABA SOHC (1993-98)	7
MS 7003 P #	***	L4	FORD	1.3 L, 1.4 L, 1.6 L HSC (1998-04)	1
MS 7004 P	STD, .25 mm, .50 mm	L4	NISSAN/ RENAULT	1.6 L K4M Platina, Clio	8
MS 7141 P	STD, 10, 20, 30	V8	FORD	281 (4.6 L) SOHC VIN W (1991-92)	27
MS 7296 P	STD, 10, 20, 30	V8	FORD	281 (4.6 L) SOHC VIN 6 (1996-03)	29
				330 (5.4 L) DOHC Triton (1999-02), 330 (5.4 L) SOHC Triton (1997-03)	33
MS 7297 P	STD, 10, 20, 30	V10	FORD	415 (6.8 L) SOHC Windsor (1997-04) Triton	40
MS 7313 P	STD, 10, 20, 30, 40	L4	CHRYSLER	148/2429 cc (2.4 L) DOHC EDZ (1995-04)	11

Listado numérico de productos/*Numeric List of Products*

Bujes de árbol de levas/*Camshaft Bushings*

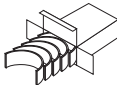
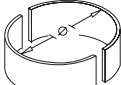
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
SH 290 S	STD - 010	V8	G.M.	262 (4.3 L) (1975-76), 265 (4.3 L) L99 (1994-96), 267 (4.4 L) L39 (1979-82), 305 (5.0 L) (1976-02), 307 (5.0 L) (1968-73), 350 (5.7 L) (1967-02), 350 (5.7 L) LPG (1967-85)	38
				265 (4.3 L) (1955-57), 283 (4.6 L) (1957-67), 302 (5.0 L) (1967-69), 327 (5.4 L) (1962-69), 327 (5.4 L) LPG (1962-69)	39
				400 (6.6 L) (1970-80)	46
SH 290 S	STD - 010	V8	ISUZU	350 (5.7 L) (1993-02) Chevrolet	10
SH 399 S	STD - 010	L6	G.M.	194 (3.2 L), 215 (3.5 L) Pontiac, 230 (3.8 L) (1962-70)	23
				250 (4.1 L) (1966-84)	32
				292 (4.8 L) (1963-89)	34
SH 400 S	STD - 010	L4	G.M.	153 (2.5 L) (1962-70)	18
SH 510 S	STD - 010	V8	FORD	221 (3.6 L), 255 (4.2 L) (1980-82), 260 (4.3 L) (1962-65)	25
				289 (4.7 L) (1963-68)	30
				302 (5.0 L) (1968-01), 302 (5.0 L) LPG (1968-86)	31
				351 (5.8 L) 351W Windsor (1969-98), 335 (5.5 L) Mex (1969-86)	35
SH 549 S	STD - 010	L4	CHRYSLER	150 (2.5 L) Jeep (1996-02), 150 (2.5 L) SOHC (1988-90)	12
		L6		242 (4.0 L) Jeep (1987-01), 258 (4.2 L) Jeep (1971-88)	21
		L6	AMC	199 (3.3 L), 232 (3.8 L) (1964-79), 258 (4.2 L) (1971-88)	1
SH 567 S	STD - 010	L6	FORD	240 (4.0 L) OHV (1965-74), 300 (4.9 L) (1965-96)	21
SH 616 S	STD	V8	G.M.	366 (6.0 L) (1966-98), 396 (6.6 L), 427 (7.0 L) (1966-98)	45
				402 (6.6 L) L47, LS3 (1970-72), 454 (7.4 L) (1970-00)	47
				496 (8.1 L)/8135 cc Vortec 8100 L18 OHV (2001-02)	48
SH 680 S	STD - 010	V8	G.M.	350 (5.7 L) Buick (1968-81)	44
SH 710 S	STD - 010	V8	FORD	351 (5.8 L) 351C Cleveland (1970-74)	34
				351 (5.8 L) 351M (1975-82), 400 (6.6 L) OHV (1971-82)	36
SH 718 S	STD - 010	L6	G.M.	250 (4.1 L) (1966-84)	32
				292 (4.8 L) (1963-89)	34
SH 735 S	STD	4	VW	1192 cc (1.2 L) 1200, 1285 cc (1.3 L) 1300, 1453 cc (1.5 L) 1500, 1584 cc (1.6 L) 1600 (1968-02) Enfriado por aire/Air Cooled	1
SH 764 S	STD - 010	L4	NISSAN	1189 cc (1.2 L) E1 (1961-66), 1299 cc (1.3 L) J13 (1965-72)	3
				1483 cc (1.5 L) J15 (1971-89), 1567 cc (1.6 L) J16 (1972-84)	5
				1751 cc (1.8 L) J18 (1981-93)	9
SH 767 S	STD - 010	L4	NISSAN	998 cc (1.9 L) A10 (1965-71)	1
				1171 cc (1.2 L) A12, 1237 cc (1.2 L) A12A, 1288 cc (1.3 L) A13, 1397 cc (1.4 L) A14, 1488 cc (1.5 L) A15 (1971-82)	2
SH 777 S	STD - 010	L4	FORD	121 (2.0 L) (1983-88), 140 (2.3 L) SOHC (1979-90)	5
				140 (2.3 L) SOHC (1991-97), 153 (2.5 L) SOHC (1998-01)	10
			MAZDA	140 (2.3 L) SOHC (1994-97), 153 (2.5 L) SOHC (1998-01) Ford	8
SH 781 S	STD - 010	V8	FORD	330 (5.4 L) OHV, 332 (5.4 L), 352 (5.8 L), 361 (5.9 L) OHV, 390 (6.4 L), 391 (6.4 L) OHV (1958-78)	32
				359 (5.9 L) OHV, 360 (5.9 L), 389 (6.4 L), 410 (6.7 L), 428 (7.0 L) (1966-78)	37
				406 (6.7 L) (1962-63), 427 (7.0 L) (1963-68)	39

Listado numérico de productos/*Numeric List of Products* Bujes de árbol de levas/*Camshaft Bushings*

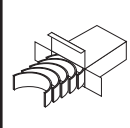
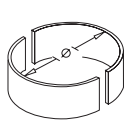
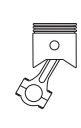
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
SH 874 S	STD - 010	L6	CHRYSLER	170 (2.8 L) OHV (1960-69), 198 (3.2 L) OHV (1970-74)	14
				225 (3.7 L) OHV (1960-87)	19
				242 (4.0 L) (1987-90), 258 (4.2 L) (1971-90)	21
SH 875 S	STD - 010	V8	CHRYSLER	273 (4.5 L) OHV (1964-69), 277 (4.5 L) OHV (1956-57), 301 (4.9 L) (1956-57), 313 (5.1 L) (1958-65), 326 (5.3 L) OHV	23
				318 (5.2 L) (1957-04), 318 (5.2 L) CNG (1992-01)	24
				340 (5.6 L) OHV (1968-73)	25
				360 (5.9 L) (1971-02), 360 (5.9 L) LPG (1971-93)	27
SH 876 S	STD	V8	CHRYSLER	361 (5.9 L) OHV (1958-77), 383 (6.3 L) OHV LPG (1959-71), 400 (6.6 L) OHV (1972-80)	26
				383 (6.3 L) OHV (1959-60), 413 (6.8 L) OHV (1959-77), 426 (7.0 L) (1964-71), 440 (7.2 L) OHV (1966-80)	28
SH 1011 S	STD, 10	L6	MERCEDES BENZ	OM 352, OM 366, OM 366-A, OM 366-LA (5.7 L) (1965-90)	1
SH 1030 S	STD - 010	L4	G.M.	151 (2.5 L) Pontiac VIN 2, A, E, R (1985-93)	16
				151 (2.5 L) Pontiac (1977-84)	17
SH 1031 S	STD - 010	V6	G.M.	181 (3.0 L) Buick (1982-88), 231 (3.8 L) Buick (1978-89)	21
				196 (3.2 L) LC9 Buick, 252 (4.1 L) LC4 Buick (1978-84)	24
SH 1066 S	STD	L4	FORD	110 (1.8 L) SOHC Mazda (1972-78), 122 (2.0 L) SOHC Mazda (1979-82)	3
			MAZDA	1586 cc (1.6 L) NA SOHC (1970-77)	2
				1796 cc (1.8 L) VB SOHC (1972-78), 1970 cc (2.0 L) MA SOHC (1979-84)	3
SH 1089 S	STD	V6	G.M.	200 (3.3 L) L26 (1978-79), 229 (3.8 L) (1980), 229 (3.8 L) LC3 (1980-84)	26
				262 (4.3 L) (1985-96), 262 (4.3 L) Vortec 4300 (1992-03)	33
			ISUZU	262 (4.3 L) Vortec 4300 (1997-00)	9
SH 1095 S Flecha auxiliar	STD	L4	FORD	121 (2.0 L) (1983-88), 140 (2.3 L) SOHC (1979-90)	5
				140 (2.3 L) SOHC (1991-97), 153 (2.5 L) SOHC (1998-01)	10
SH 1102 S	STD - 010	V6	G.M.	173 (2.8 L) (1980-94) Carrera de 67 mm	19
				173 (2.8 L) (1980-93) Carrera de 63.3 mm	20
				189 (3.1 L) (1988-04), 207 (3.4 L) (1993-03)	22
			ISUZU	2827 cc (2.8 L) (1989-91), 3137 cc (3.1 L) (1991-94) Chevrolet	8
SH 1111 S	STD	V8	FORD	370 (6.1 L) (1979-91), 429 (7.0 L) (1968-97), 460 (7.5 L) (1968-98)	38
SH 1112 S	STD	V8	CHRYSLER	318 (5.2 L) (1979-04), 318 (5.2 L) CNG (1992-01)	24
				360 (5.9 L) (1971-02), 360 (5.9 L) LPG (1971-93)	27
SH 1114 S	STD	V6	CHRYSLER	239 (3.9 L) (1987-02)	20
SH 1197 S	STD - 010	V6	FORD	232 (3.8 L) (1982-04)	19

Listado numérico de productos/*Numeric List of Products*

Bujes de árbol de levas/*Camshaft Bushings*

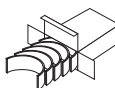
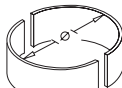
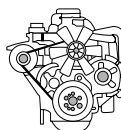
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
SH 1209 S	STD	L4	AUDI	1471 cc (1.5 L) SOHC (1973-74), 1588 cc (1.6 L) (1975-80), 1715 cc (1.7 L) (1981-84)	1
				1588 cc (1.6 L) (1982-83), 1780 cc (1.8 L) (1983-87), 1984 cc (2.0 L) SOHC (1988-91)	2
			CHRYSLER	105 (1.7 L) SOHC Volkswagen (1978-83)	5
			VW	1457 cc (1.5 L) (1978-80), 1715 cc (1.7 L) (1981-84)	2
				1471 cc (1.5 L) Diesel, Gas (1974-80), 1588 cc (1.6 L) EE, EJ, FN, YG, YH, YK (1977-80)	3
				1588 cc (1.6 L) CR, CS, JK, Diesel (1981-85), 1588 cc (1.6 L) SOHC 8V Turbo Diesel (1992)	4
				1588 cc (1.6 L) ME Diesel (1981-85), 1588 cc (1.6 L) CY, MD, MF, Turbo Diesel (1982-86)	5
SH 1212 S	STD - 010	L4	NISSAN	1488 cc (1.5 L) E15, E15S, E15T (1982-84), 1597 cc (1.6 L) E16, E15I, E16S (1983-00)	4
SH 1251 S	STD - 010	L4	FORD	140 (2.3 L) HSC (1984-94), 153 (2.5 L) HSC (1986-91)	9
SH 1254 S	STD	L6	FORD	300 (4.9 L) (1985-96), 300 (4.9 L) LPG (1985-96)	21
SH 1309 S	STD	V8	CUMMINS	470 (7.7 L), 504 (8.3 L) Diesel	2
				555 (9.1 L) Small Cam Diesel	4
				555 (9.1 L) Turbo Diesel	6
SH 1310 S	STD	V6	CUMMINS	352 (5.8 L), 378 (6.2 L) Diesel	1
SH 1326 S Flecha auxiliar	STD	L4	CHRYSLER	135 (2.2 L) SOHC, DOHC, 153 (2.5 L) SOHC (1989-96)	10
SH 1351 S	STD	V6	ISUZU	262 (4.3 L) Vortec 4300 (1997-00)	9
SH 1355 S	STD	V8	G.M.	260 (4.3 L) LV8 (1977-82), 307 (5.0 L) Oldsmobile (1980-90)	37
				350 (5.7 L) (1977-80), 403 (6.6 L) L80 Oldsmobile (1977-79)	43
SH 1364 S	STD	V6	G.M.	173 (2.8 L) (1980-94) Carrera de 67 mm	19
				173 (2.8 L) (1980-93) Carrera de 63.3 mm	20
				189 (3.1 L) (1988-04), 207 (3.4 L) (1993-03)	22
SH 1365 S	STD	L4	G.M.	112 (1.8 L) L46 (1982), 121 (2.0 L) LQ2 (1988-92), 122 (2.0 L) (1975-89), 140 (2.3 L) (1971-77)	8
				134 (2.2 L) LM3 (1990-91), 134 (2.2 L) OHV (1992-97)	11
			ISUZU	134 (2.2 L) OHV (1996-03) Chevrolet	4
SH 1371 S	STD	V8	G.M.	252 (4.1 L) (1982-88), 273 (4.5 L) (1988-92), 300 (4.9 L) Cadillac (1991-95)	36
SH 1385 S	STD	V6	G.M.	181 (3.0 L) Buick (1982-85), 231 (3.8 L) Buick (1978-85)	21
				196 (3.2 L) LC9 Buick (1978-79), 252 (4.1 L) LC4 Buick (1980-84)	24
SH 1390 S	STD	V6	FORD	171 (2.8 L) German (1974-86) Truck	13
				177 (2.9 L) OHV Truck (1986-92)	14
SH 1403 S Flecha balanceadora	STD	L4	CHRYSLER	153 (2.5 L) SOHC (1989-96)	10
SH 1405 S	STD	V6	CHRYSLER	201 (3.3 L) (1990-02), 201 (3.3 L) CNG (1994-96), 201 (3.3 L) EGM Flex Fuel (1998-02), 230 (3.8 L) (1990-02)	16

Listado numérico de productos/*Numeric List of Products* Bujes de árbol de levas/*Camshaft Bushings*

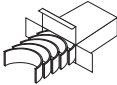
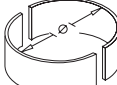
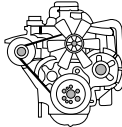
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
SH 1429 S Flecha auxiliar	STD	L4	CHRYSLER	122/1997 cc (2.0 L) SOHC (1974-82), 156 (2.6 L) SOHC "F" (1978-87) Mitsubishi	8
			MAZDA	2555 cc (2.6 L) AM1 SOHC (1987-88)	9
			MITSUBISHI	2555 cc (2.6 L) G54B (1983-90), 2555 cc (2.6 L) G54B Turbo (1983-90)	9
SH 1441 S	STD	V6	FORD	244 (4.0 L) OHV (1990-00)	22
			MAZDA	4016 cc (4.0 L) OHV (1991-00), 244 (4.0 L) SOHC (2001) Ford	13
SH 1447 S	STD	V6	FORD	232 (3.8 L) (1988-04)	19
				232 (3.8 L) Súper cargado (1989-95)	20
				256 (4.2 L) (1997-05)	24
SH 1448 S	STD	V6	G.M.	181 (3.0 L) Buick (1982-88), 231 (3.8 L) Buick (1978-89)	21
				204 (3.3 L) LG7 (1989-93)	27
				231 (3.8 L) Fuel Injected Buick (1986-95), 231 (3.8 L) Súper cargado Buick (1991-95)	31
SH 1465 S Flecha balanceadora	STD	L4	CHRYSLER	98 (1.6 L) SOHC, DOHC Turbo (1989-90), 98 (1.6 L) SOHC K & Z Turbo (1984-90) Mitsubishi	4
				107 (1.8 L) 8V 4G37 (1989-92) Mitsubishi	6
SH 1469 S Flecha balanceadora	STD	L4	CHRYSLER	122 (2.0 L) 4G63 DOHC (1989-94), 122 (2.0 L) 4G63T Turbo (1990-98), 144 (2.4 L) 4G64 SOHC (1990-93) Mitsubishi	7
SH 1526 S Flecha balanceadora	STD	V6	FORD	232 (3.8 L) (1982-04)	19
				232 (3.8 L) Súper cargado (1989-95)	20
				256 (4.2 L) (1997-05)	24
SH 1780 S	STD	V6	G.M.	207 (3.4 L) LQ1 DOHC (1991-97)	28
SH 1789 S	STD	V6	FORD	183 (3.0 L) OHV (1986-03)	15
			MAZDA	183 (3.0 L) OHV Ford (1994-03)	12
SH 1798 S Flecha balanceadora	STD	V6	G.M.	262 (4.3 L) Vortec 4300 (1992-03)	33
			ISUZU	262 (4.3 L) Vortec 4300 (1997-00)	9
SH 1812 S	STD	V6	G.M.	231 (3.8 L) Fuel Injected Buick (1995-03), 231 (3.8 L) Súper cargado Buick (1995-03)	31
SH 1814 S #	STD	V8	G.M.	294 (4.8 L) Vortec LR4 (1999-03), 325 (5.3 L) Vortec L59, LM7, LS1, LS6 (1997-02), 365 (6.0 L) Vortec LQ4 KL6, KL8 CNG (1997-03)	42
SH 1977 S Flecha auxiliar	STD	V6	FORD	244 (4.0 L) SOHC (1997-01)	22
			MAZDA	4016 cc (4.0 L) OHV (1991-00), 244 (4.0 L) SOHC (2001) Ford	13
SH 1995 #	STD	V8	G.M.	294 (4.8 L) Vortec LR4 (1999-03), 325 (5.3 L) Vortec L59, LM7, LS1, LS6 (1997-02), 365 (6.0 L) Vortec LQ4 KL6, KL8 CNG (2003-06)	42

Listado numérico de productos/*Numeric List of Products*

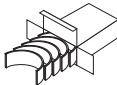
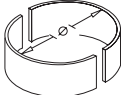
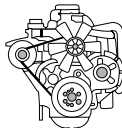
Arandelas de empuje/*Thrust Washers*

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
TW 105 S	STD - 010	L4	NISSAN	1189 cc (1.2 L) E1 (1961-66), 1299 cc (1.3 L) J13 (1965-72)	3
				1483 cc (1.5 L) J15 (1971-89), 1567 cc (1.6 L) J16 (1972-84)	5
				1751 cc (1.8 L) J18 (1981-93)	9
TW 164 S	STD - 010	L4	RENAULT	1289 cc (1.3 L) (1969-79)	1
				1397 cc (1.4 L) (1980-87)	2
				1470 cc (1.5 L) (1966-70), 1565 cc (1.6 L) (1969-85)	3
				1647 cc (1.7 L) (1973-83)	5
TW 177 S	STD	L4	LADA	1198 cc (1.2 L) 1200 (1964-85), 1294 cc (1.3 L) 1300 (1974-90)	1
				1451 cc (1.5 L) 1500 Vaz 2103/2104 (1978-90), 1568 cc (1.6 L) 1600 Vaz 2106 4x4 (1977- 85)	2
TW 228 S	STD	L6	TOYOTA	2759 cc (2.8 L) 5MGE DOHC (1984-88), 2954 cc (3.0 L) 7MGE, 7MGTE, DOHC (1987-94)	15
TW 230 S	STD	L4	NISSAN	2164 cc (2.2 L) SD22 OHV Diesel (1981-83), 2488 cc (2.5 L) SD25 OHV Diesel (1983-86)	12
				3246 cc (3.2 L) SD33 Diesel (1966-90)	18
TW 231 S	STD	L4	FORD	110 (1.8 L) SOHC Mazda (1972-78), 122 (2.0 L) SOHC Mazda (1979-82)	3
			MAZDA	1586 cc (1.6 L) NA SOHC (1970-77)	2
				1796 cc (1.8 L) VB, 1970 cc (2.0 L) MA SOHC (1972-84)	3
TW 303 S	STD	L4	TOYOTA	1588 cc (1.6 L) 2TC OHV (1971-79), 1770 cc (1.8 L) 3TC OHV (1980-82)	6
				1995 cc (2.0 L) 2SELC SOHC (1983-86), 1998 cc (2.0 L) 3SGELC, 3SFE, 3SGTE, DOHC (1986-98)	8
TW 316 S	STD - 005	L4	PERKINS	212 (3.5 L), 236 (3.9 L), 248 (4.1 L) Diesel	1
		L6		318/5215 cc (5.2 L) 4.318, A4.318 Diesel	3
				354 (5.8 L), 372 (6.1 L) Diesel	4
				354 (5.8 L) 6-354.3, 6-354.4, 372 (6.1 L) 6-372.4 Diesel	5
				354 (5.8 L) AT6-354, ATC6-354, T6-354 Turbo Diesel	6
TW 326 S	STD	L4	TOYOTA	2189 cc (2.2 L) 20R SOHC (1975-80)	11
				2366 cc (2.4 L) 22R SOHC (1981-90)	12
				2366 cc (2.4 L) 22REC SOHC (1983-88)	14
TW 327 S	STD	L4	HONDA	1169 cc (1.2 L) EB1 SOHC (1973), 1237 cc (1.2 L) EB2, EB3 SOHC (1974-79), 1335 cc (1.3 L) EJ1 SOHC (1980-83)	1
				1342 cc (1.3 L) EV2 (1984-86), 1488 cc (1.5 L) EW1, EW3, EW4 SOHC (1984-86)	2
				1488 cc (1.5 L) EC, ED1, ED2, ED3, ED4, EM1 SOHC (1975-83), 1599 cc (1.6 L) EF1 SOHC, EG (1976-79), 1751 cc (1.8 L) EK1 SOHC (1979-83)	3
TW 368 S	STD	L4	ISUZU	2775 cc (2.8 L) 4BA1 Diesel (1973-90), 3268 cc (3.3 L) 4BC1 Diesel (1979-84), 3595 cc (3.6 L) 4BB1 Diesel (1973-90)	6
				3856 cc (3.9 L) 4BD1 OHV Diesel (1985-90), 3856 cc (3.9 L) 4BD1, 4BD2TC OHV Turbo Diesel (1986-99)	7
TW 370 S	STD	L4	MAZDA	1272 cc (1.3 L) TC SOHC (1976-77), 1415 cc (1.4 L) UC SOHC (1979-80), 1490 cc (1.5 L) E5 SOHC (1981-85)	1

Listado numérico de productos/*Numeric List of Products* Arandelas de empuje/*Thrust Washers*

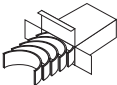
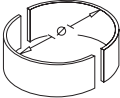
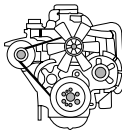
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
TW 400 S	STD	L4	TOYOTA	2188 cc (2.2 L) L SOHC Diesel (1981-83), 2446 cc (2.5 L) 2L SOHC Diesel (1984-85)	10
TW 401 S	STD	L4	G.M.	98 (1.6 L) LC9 SOHC Toyota (1985-88)	6
				98 (1.6 L) LO1, LW0 DOHC Toyota (1989-97)	7
			TOYOTA	1452 cc (1.5 L) 3AC, 1587 cc (1.6 L) 4AC SOHC (1983-88)	1
				1587 cc (1.6 L) 4AF, 4AFE, 4ALC DOHC, SOHC (1984-97)	3
				1587 cc (1.6 L) 4AGE, 4AGZE DOHC (1988-91)	4
				1587 cc (1.6 L) 4AGEC, 4AGELC DOHC (1985-89)	5
TW 448 S	STD - 010	V6 V8	CUMMINS	352 (5.8 L), 378 (6.2 L) Diesel	1
				470 (7.7 L) Diesel, 504 (8.3 L) Diesel	2
				504 (8.3 L) V504 Big Cam I Diesel	3
				555 (9.1 L) Small Cam Diesel	4
				555 (9.1 L) Big Cam Diesel	5
				555 (9.1 L) Turbo Diesel	6
TW 451 S	STD	L4	G.M.	1817 cc (1.8 L) SOHC Isuzu (1972-82), 119 (1.9 L) LR1 SOHC Isuzu (1982-85)	9
				2254 cc (2.3 L) 4ZD1 SOHC Isuzu (1986-95)	14
			HONDA	2559 cc (2.6 L) 4ZE1 SOHC Isuzu (1994-97)	6
			ISUZU	1817 cc (1.8 L) G180Z SOHC (1981-85)	1
				1949 cc (1.9 L) G200Z SOHC (1983-87)	2
				1994 cc (2.0 L) 4ZC1 SOHC Turbo (1985-89), 2254 cc (2.3 L) 4ZD1 SOHC (1986-95)	3
				2559 cc (2.6 L) 4ZE1 SOHC (1988-97)	5
			OPEL	1817 cc (1.8 L) SOHC Isuzu (1976-79)	1
			G.M.	61 (1.0 L) LP2, LS2, LY9 Suzuki (1986-00)	1
				79 (1.3 L) L72, LY9 Suzuki (1992-99)	2
TW 455 S	STD	L4	SUZUKI	993 cc (1.0 L) SOHC (1985-93)	1
				1298 cc (1.3 L) G13BA SOHC (1989-98), 1324 cc (1.3 L) G13A (1986-89)	2
			CHRYSLER	2497 cc (2.5 L) EEB (1995-00) Mitsubishi	13
				181 (3.0 L) SOHC (1987-00), 181 (3.0 L) DOHC (1991-98)	15
TW 458 S	STD	V6	HYUNDAI	2972 cc (3.0 L) 6G72, 6GAT SOHC (1990-98) Mitsubishi	11
			MITSUBISHI	2497 cc (2.5 L) 6G73 (1995)	10
				2972 cc (3.0 L) 6G72 DOHC (1990-98), 2972 cc (3.0 L) SOHC 12V, 24V (1989-98)	6
TW 463 S	STD	L4	TOYOTA	2366 cc (2.4 L) 22R SOHC (1981-90)	12
				2366 cc (2.4 L) 22RE, 22RTEC SOHC (1989-95)	13
				2366 cc (2.4 L) 22REC SOHC (1983-88)	14
TW 473 S	STD	L4	HONDA	1590 cc (1.6 L) D16A6 SOHC (1988-91), 1590 cc (1.6 L) D16Z6 V-TEC SOHC (1992-95)	4
				1958 cc (2.0 L) B20A3 SOHC, B20A5 DOHC (1988-91), 2056 cc (2.1 L) B21A1 DOHC (1990-91)	5
TW 551 S	STD	L4	NISSAN	1597 cc (1.6 L) GA16DE (1991-98), 1597 cc (1.6 L) GA16I (1989-90)	7
TW 553 S	STD	L4	TOYOTA	1456 cc (1.5 L) 3E, 3EE, SOHC (1987-94), 1497 cc (1.5 L) 5EFE DOHC (1992-98)	2
TW 554 S	STD	V6	TOYOTA	2958 cc (3.0 L) 3VZE SOHC (1988-95)	16
TW 590 S	STD	L4	NISSAN	1998 cc (2.0 L) SR20DE DOHC (1991-98)	11

Listado numérico de productos/*Numeric List of Products* Arandelas de empuje/*Thrust Washers*

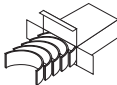
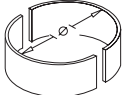
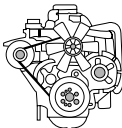
					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
TW 592 S	STD	L4	TOYOTA	2164 cc (2.2 L) 5SFE DOHC (1990-98)	9
TW 608 S	STD	V8	CHRYSLER	287 (4.7 L) SOHC EDV, H.O. (2000-05)	22
TW 7001 S #	***	L4	NISSAN	1596 cc (1.6 L) DOHC K4M (2002-06)	8
			RENAULT	1596 cc (1.6 L) DOHC K4M, 1.4 L KAJ (2002-06)	4
TW 7002 S #	***	L4	FORD	1.3 L, 1.4 L, 1.6 L HSC (1998-04)	1

Listado numérico de productos/Numeric List of Products

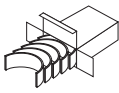
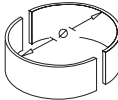
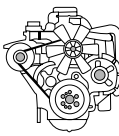
Bujes de biela/Connecting Rod Bushings

				
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CLV 018	SEMI	I.H.C.	D-179, D-239, D-310	
CLV 112	SEMI	PERKINS	Motor Phaser, Perkins	
CLV 123	SEMI	PERKINS	212 (3.5 L) 4-212, A4-212, AG4-212,	1
			236 (3.9 L) 4-236, A4-236, AG4-236,	
			248 (4.1 L) 4-248, A4-248, Diesel	
			354 (5.8 L) 6-354.2, 6-354, A6-354, H6-354,	4
			372 (6.1 L) 6.372 Diesel	
			354 (5.8 L) 6-354.3, 6-354.4, 372 (6.1 L) 6-372.4 Diesel	5
			354 (5.8 L) AT6-354, ATC6-354, T6-354 Turbo Diesel	6
CLV 131	SEMI	PERKINS	Perkins fase IV	1
CLV 150	SEMI	MERCEDES BENZ	OM 352, OM 366, OM 366-A, OM 366-LA (5.7 L) (1965-90)	1
CLV 360	SEMI	CUMMINS	352 (5.8 L) Diesel, 378 (6.2 L) Diesel	1
			470 (7.7 L) Diesel, 504 (8.3 L) Diesel	2
CLV 431	SEMI	VW	1192 cc (1.2 L) 1200 (1954-64), 1285 cc (1.3 L) 1300 (1966), 1453 cc (1.5 L) 1500 (1967-69), 1584 cc (1.6 L) 1600 (1968-02) Enfriado por aire/Air Cooled	1
CLV 431-A	SEMI	AUDI	1471 cc (1.5 L) SOHC (1973-74), 1588 cc (1.6 L) (1975-80), 1715 cc (1.7 L) (1981-84)	1
			2144 cc (2.2 L) SOHC (1978-83)	4
		CHRYSLER	105 (1.7 L) SOHC Volkswagen (1978-83)	5
		VW	1457 cc (1.5 L) EH, FX (1978-80), 1715 cc (1.7 L) EN, JF, WT (1981-84)	2
			1471 cc (1.5 L) CK Diesel, FC, FG, XW, XY, XZ Gas (1974-80), 1588 cc (1.6 L) EE, EJ, FN, YG, YH, YK (1977-80)	3
			2144 cc (2.2 L) WE (1983)	9
CLV 431-AA	SEMI	AUDI	1588 cc (1.6 L) (1982-83), 1780 cc (1.8 L) (1983-87), 1984 cc (2.0 L) SOHC (1988-91)	2
			1986 cc (2.0 L) SOHC (1979-85), 2144 cc (2.2 L) SOHC (1984-86), 2226 cc (2.2 L) SOHC, DOHC (1984-95), 2309 cc (2.3 L) SOHC, DOHC (1988-92)	3
		VW	1588 cc (1.6 L) CR, CS, JK, Diesel (1981-85), 1588 cc (1.6 L) SOHC 8V Turbo Diesel (1992)	4
			1588 cc (1.6 L) ME Diesel (1981-85), 1588 cc (1.6 L) CY, MD, MF, Turbo Diesel (1982-86)	5
			1780 cc (1.8 L) (1990-92), 1780 cc (1.8 L) JH, JN (1983-89), 1780 cc (1.8 L) PL DOHC 16V (1986-89)	6
			2144 cc (2.2 L) KM (1984), 2226 cc (2.2 L) JT, KX (1985-88)	8
		FORD	281 (4.6 L) DOHC (1993-04), 281 (4.6 L) SOHC VIN W Block de aluminio, Motor Romeo (2002-04)	26
			281 (4.6 L) SOHC VIN W (1991-92)	27
CLV 3620	SEMI	FORD	281 (4.6 L) SOHC VIN W, X, 281 (4.6 L) CNG, LPG (1995-03)	28
			281 (4.6 L) SOHC VIN 6 (1996-03)	29
			330 (5.4 L) DOHC, SOHC, SC, CNG Triton (1997-04)	33
			415 (6.8 L) SOHC Windsor (1997-04) Triton	40

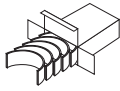
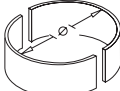
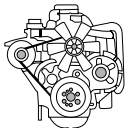
Listado numérico de productos/*Numeric List of Products* Bujes de biela/*Connecting Rod Bushings*

				
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CLV 4028	SEMI	TOYOTA	1858 cc (1.9 L) 8RC SOHC (1969-71), 1968 cc (2.0 L) 18RC SOHC (1972-74)	7
			2189 cc (2.2 L) 20R SOHC (1975-80)	11
			2366 cc (2.4 L) 22R SOHC (1981-90)	12
			2366 cc (2.4 L) 22RE, 22RETEC SOHC (1989-95)	13
			2366 cc (2.4 L) 22REC SOHC (1983-88)	14
CLV 4105	SEMI	NISSAN	2389 cc (2.4 L) KA24DE, KA24E DOHC, SOHC (1989-00)	13
CLV 4561	SEMI	NISSAN	1597 cc (1.6 L) GA16DE, GA16I (1989-98)	7
CLV 4569	SEMI	FORD	2960 cc (3.0 L) VG30E SOHC Nissan (1993-98)	16
		FORD	3275 cc (3.3 L) SOHC Nissan (1999-02)	18
		NISSAN	2960 cc (3.0 L) VE30DE, VG30, VG30DE, DOHC, SOHC (1992-94)	15
		NISSAN	2960 cc (3.0 L) VG30DETT, VG30T, DOHC, SOHC Turbo (1990-96)	15
		NISSAN	3275 cc (3.3 L) VG33E SOHC (1996-00)	17
CLV 7000 #	***	VW	1780 cc (1.8 L) 2H, ABG, HT, PF, PG, RD, RV, UM Súper cargado (1990-92), 1780 cc (1.8 L) JH, JN (1983-89), 1780 cc (1.8 L) PL DOHC 16V (1986-89)	6
			1984 cc (2.0 L) 9A DOHC (1990-94), 1984 cc (2.0 L) ABA SOHC (1993-98)	7

Listado numérico de productos/*Numeric List of Products* Bujes varios/*Various Bushings*

				
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CLV 005	SEMI	PERKINS	Perkins Buje de engrane loco/ <i>Gear Bushing</i>	1
CLV 050	SEMI	MERCEDES BENZ	366-OM, 366 A, OM 366 LA, OM 352 Buje de balancín/ <i>Balance Beam Bushing</i>	1
CLV 121	STD	PERKINS	4-212, A4-212, AG4-212, 4-236, A4-236, AG4-236, 4-248, A4-248 Buje de engrane loco/ <i>Gear Bushing</i>	1
			6-354.2, 6-354, A6-354, H6-354, 6.372 Buje de engrane loco/ <i>Gear Bushing</i>	4
			6-354.3, 6-354.4, 6-372.4 Buje de engrane loco/ <i>Gear Bushing</i>	5
			AT6-354, ATC6-354, T6-354 Buje de engrane loco/ <i>Gear Bushing</i>	6
CLV 132	STD	PERKINS	4-212, A4-212, AG4-212, 4-236, A4-236, AG4-236, 4-248, A4-248 Buje de levas/ <i>Bushing of Levies</i>	1
			6-354.2, 6-354, A6-354, H6-354, 6.372 Buje de levas/ <i>Bushing of Levies</i>	4
			6-354.3, 6-354.4, 6-372.4 Buje de levas/ <i>Bushing of Levies</i>	5
			AT6-354, ATC6-354, T6-354 Buje de levas/ <i>Bushing of Levies</i>	6
CLV 425	SEMI	PERKINS	Perkins fase IV Buje de balancín/ <i>Balance Beam Bushing</i>	1
CLV 610	STD	CUMMINS	V6 140, 155, 352, 378, V8 185, 210, 470, 504 Buje de compresor/ <i>Compressor Drum Cummins V6, V8</i>	1
			V8-185, V8-210, V470, V504	2
CLV 636	SEMI	PERKINS	Perkins fase II Buje de collarín/ <i>Neck Bushing</i>	4
CLV 637	SEMI	PERKINS	Perkins fase II Buje de plato/ <i>Shield Bushing</i>	4
CLV 2947 S	SEMI	PERKINS	4-212, A4-212, AG4-212, 4-236, A4-236, AG4-236, 4-248, A4-248 Buje de compresor/ <i>Compressor Drum</i>	1
			6-354.2, 6-354, A6-354, H6-354, 6.372 Buje de compresor/ <i>Compressor Drum</i>	4
			6-354.3, 6-354.4, 6-372.4 Buje de compresor/ <i>Compressor Drum</i>	5
			AT6-354, ATC6-354, T6-354 Buje de compresor/ <i>Compressor Drum</i>	6

Listado numérico de productos/*Numeric List of Products* Bujes para cabeza de aluminio/*Bushings for Aluminium Head*

					
PRODUCTO/ PRODUCT	MEDIDAS/ MEASURES	CIL./ CYL.	MARCA/ BRAND	MOTOR/ ENGINE	BLOQUE/ BLOCK
CA 100 S-STD	STD	L4	CHRYSLER	122 (2.0 L) SOHC Dodge Neon (1994-98)	9
CA 101 S-STD	STD	L4	CHRYSLER	135 (2.2 L), 153 (2.5 L) SOHC Series A, B, C, D, E, F, J, K, 8 incl. Turbo (1987-93)	10
CA 102 S-STD	STD	L4	MITSUBISHI	143 (2.4 L) SOHC 4G64, G64B (1989-98)	8
				155 (2.6 L) SOHC G54B (1978-92)	9
			MITSUBISHI	1597 cc (1.6 L) SOHC Series G32B, F, Z, 3 (1978-89)	2
			ISUZU	1817 cc (1.8 L) SOHC Isuzu G180Z, N (1972-82)	1
			G.M	1817 cc (1.8 L) SOHC Isuzu G180Z, N (1972-82), 1949 cc (1.9 L) SOHC Isuzu (1982-86)	9
CA 103 S-STD	STD	V8	CHRYSLER	287 (4.7 L) SOHC (2000-03)	22
CA 104 S-STD	STD	L4	FORD	116 (1.9 L) SOHC J, 9 (1987-96)	4
CA 105 S-STD	STD	V6	FORD	244 (4.0 L) SOHC (1997-01)	22
CA 106 S-STD	STD	V8	FORD	281 (4.6 L) SOHC 16V Triton (1991-99)	29
CA 107 S-STD	STD	V8	FORD	281 (4.6 L) DOHC 32V Triton (1993-96)	27
CA 108 S-STD	STD	V8	FORD	281 (4.6 L) DOHC 32V Triton (1993-04), 281 (4.6 L) SOHC VIN W Block de aluminio, Motor Romeo (2002-04)	26
CA 109 S-STD	STD	L4	MAZDA	1586 cc (1.6 L) NA SOHC (1970-77)	2
				1796 cc (1.8 L) VB Car SOHC (1972-73), 1970 cc (2.0 L) MA SOHC (1979-84)	3
				1998 cc (2.0 L) FE SOHC (1983-87), 1998 cc (2.0 L) FE SOHC Turbo (1986-87), 2184 cc (2.2 L) F2 SOHC (1987-93)	6
CA 110 S-STD	STD	V6	CHRYSLER	181 (3.0 L) SOHC, DOHC, 6G72 Turbo (1987-99) Mitsubishi	15
CA 111 S-STD	STD	L4	NISSAN	1597 cc (1.6 L) SOHC 12V GA16i (1989-90)	4
CA 112 S-STD	STD	L4	NISSAN	1487 cc (1.5 L) SOHC E15, E15ET Turbo (1979-88), 1597 cc (1.6 L) SOHC 8V E16, E16i, E16S, E16SPi (1983-88)	7
CA 113 S-STD	STD	L4	NISSAN	1952 cc (2.0 L), 2187 cc (2.2 L), 2389 cc (2.4 L) SOHC 8V (1980-89)	10
CA 114 S-STD	STD	V6	NISSAN	2960 cc (3.0 L) SOHC, DOHC, VG30D, VG30E, VG30DE, VG30DT, VG30DET Turbo (1987-00) Bloque izq.	15
			FORD	2960 cc (3.0 L) SOHC 12V VG30E (1993-98)	16
CA 115 S-STD	STD	V6	NISSAN	2960 cc (3.0 L) SOHC, DOHC, VG30D, VG30E, VG30DE, VG30DT, VG30DET Turbo (1987-00) Bloque der.	15
			FORD	2960 cc (3.0 L) SOHC 12V VG30E (1993-98)	16
CA 116 S-STD	STD	L4	TOYOTA	2189 cc (2.2 L) SOHC 20R (1974-80)	11
				2366 cc (2.4 L) SOHC 22R, RE, REC (1979-95)	12
				2366 cc (2.4 L) 22RE SOHC (1989-95), 2366 cc (2.4 L) 22RTEC SOHC Turbo (1985-88)	13
				2366 cc (2.4 L) 22REC SOHC (1983-88)	14
CA 117 S-STD	STD	L4	VW	1780 cc (1.8 L) SOHC VW, ABG, GX, HT, JH, JN, PF, PG, RD, RV Series 068 2h (1982-94)	6

FM	CLEMEX
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**COJINETES DE BIELA/
CONNECTING ROD BEARINGS**

1020 AX2	CB 3202 P
1020 CP	CB 1358 P
1025 RA	CB 1361 P
1035 CPA	CB 1383 P
1130 RA/CA	CB 1250 P
1140 RA	CB 1401 P
1165 CP	CB 1437 P
1220 CP/RA	CB 1385 P
1400 CP	CB 1380 P
1460 CP	CB 1387 P
1490 CPA	CB 1408 P
1505 CAA	CB 15 P
1540 AP	CB 1388 P
1610 CP	CB 1593 P
1735 AP	CB 1411 P
1830 CP	CB 406 P
1845	CB 1591 P
1920 RA	CB 1410 P
1950 CP	CB 416 P
1985 AX2	CB 1634 P
1985 RA	CB 1442 P
2000 CPA	CB 461 P
2020 CP	CB 745 P
2035 CP	CB 1451 P
2130 CP	CB 481 P
2130 CPX2	CB 1779 P
2320 CP	CB 527 P
2375 CPA/RA	CB 606 P
2380 CPA	CB 583 P
2500 AP/RA/RAA	CB 610 P
2555 AP/CP/CPA	CB 663 P
2555 CP	CB 1776 P
2600 AX2	CB 1778 P
2600 CP	CB 634 P
2685/3310 CP	CB 960 P
2930 CP	CB 780 P
2950 CP/RA	CB 722 P
2950 CPA/RAA	CB 1005 P
2950 RAA	CB 7002 P
3045 A	CB 684 P
3055 CP	CB 723 P
3135 AP/CP	CB 667 P
3145 CP	CB 971 P
3150 CPA	CB 699 P
3190 CP	CB 743 P
3230 CP/2300 CP	CB 760 P
3310 CP	CB 960 P
3360 CP/CPA	CB 818 P
3380 CP/CPA	CB 831 P
3400 CP/CPA	CB 927 P

FM	CLEMEX
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3485 CP	CB 1120 P
3545 CP/CPB	CB 984 P
3570 CP	CB 1099 P
3570 CPA	CB 1371 P
3570 CPA	CB 1377 P
3570 CPB	CB 1654 P
3665 P	CB 1216 P
3695 CP/RA	CB 1214 P
3750 AP	CB 1227 P
3755 APA	CB 1443 P
3755 CP/AP	CB 1228 P
3765 CP/RA/AP	CB 1238 P
3770 CP	CB 2356 P
3800 CP/RA	CB 1269 P
3830 CP/CPA	CB 1283 P
3870 RA	CB 1351 P
3910 RA	CB 1279 P
3920 CP	CB 1325 P
3950 CP	CB 1095 P
3955 RA	CB 1278 P
3960 CPA	CB 1218 P
3975 RA	CB 1362 P
4135 RA	CB 4121 P
4385 RA	CB 1625 P
4395 A	CB 6155 P
4450 P	CB 1639 P
4460 CP	CB 1589 P
4470 CP	CB 1461 P
4500 AA	CB 1667 P
4565 P	CB 4565 P
4595 P	CB 1480 P
4600 P	CB 1474 P
4615 P	CB 1635 P
4805 P	CB 1629 P
4835 A	CB 1784 P
4840 A	CB 1818 P
4895 A	CB 7000 P
60475 CP/RA	CB 1202 P
61915	CB 1117 P
61915 CPA	CB 1177 P
66415 RA	CB 3201 P
66675 RA	CB 1220 P
66780 CP	CB 1326 P
66780 CP	CB 1590 P
67020 RA	CB 967 P
67035 RA	CB 1219 P
67230 CP	CB 966 P
67260 CP	CB 988 P
67275 CP	CB 1270 P
67320 CP	CB 980 P
67340 CP	CB 1222 P
67345 CP	CB 1223 P
67350 RA	CB 1110 P

FM	CLEMEX
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67370 CP	CBX 832 P
68095 CP	CB 1017 P
68150 CP	CB 1426 P
9185 CP/SB	CB 60 P
N/A	CB 1647 P
N/A	CB 2372 P
N/A	CB 7001 P

**COJINETES DE BANCADA/
MAIN BEARINGS**

4020 M/CP	MS 445 P
4042 M	MS 540 P
4092 M	MS 517 P
4094 M	MS 876 P
4094 M	MS 1348 P
4123 M/CP	MS 616 P
4124 M/AP	MS 617
4125 M	MS 590 P
4213 M	MS 822 AL
4222 M	MS 518 P
4223 M	MS 797 P
4261 M	MS 685 P
4263 M/AP	MS 960 P
4264 M/AP	MS 961 P
4281 M	MS 805
4289 M	MS 704 P
4290 M	MS 771 P
4352 M	MS 757 P
4353 M	MS 830 P
4400 M	MS 829 P
4420 M	MS 863 P
4651 M	MS 956 P
4663 M/AP	MS 909 P
4907 M	MS 1039 P
4914 M/5107 M	MS 981 P
4916 M	MS 979 P
4923 M	MS 963 P
4925 M	MS 1010 P
4926 M	MS 1038 P
4942 M	MS 1060 P
4943 M	MS 1061 P
4948 M	MS 1051 P
4979 M	MS 1117 P
4999 M	MS 1266 P
5024 M/5095 M	MS 1344 P
5027 M/RA	MS 1427 P
5028 M	MS 1298 P
5060 M	MS 1424 P
5070 M	MS 1419 P
5071 M	MS 1389 P
5078 M	MS 1432 P
5085 M	MS 1454 P

Tabla de intercambios/*Interchanges Table*

FM	CLEMEX
5085 M	MS 2215 P
5090 M	MS 1494 P
5103 M	MS 1559 P
5108 M/6678 M	MS 1533 P
5123 M	MS 1561 P
5130 M	MS 1629 P
5194 M	MS 2357 P
6101 M/RA	MS 1983 P
6274 M/6572 M	MS 1140 P
6286 M/6372 M	MS 1183 P
6330 M	MS 1668 P
6444 M/6573 M	MS 1381 P
6481 M	MS 3501 P
6618 M	MS 1945 P
6621 M	MS 1633 P
6622 M	MS 1714 P
6624 M	MS 1590 P
6631 M	MS 1775 P
6665 M	MS 1595 P
6674 M	MS 1631 P
6676 M	MS 1568 P
6680 M	MS 1638 P
6685 M	MS 1708 P
6687 M	MS 1628 P
6688 M	MS 1626 P
6689 M	MS 1733 P
6692 M	MS 1803 P
6693 M	MS 1774 P
6695 M/7204 M	MS 1706 P
6704 M/RA	MS 1055 P
6758 M/7136 M	MS 1106 P
6767 M	MS 1054 P
6770 M/CP/7143 M	MS 1102 P
6776 M/6780 M	MS 1329 P
6779 M/7135 M	MS 1107 P
6782 M/7142 M	MS 1428 P
6783 M/7139 M	MS 1570 P
6784 M/6792 M/6793 M	MS 1431 P
6785 M/7145 M	MS 1429 P
6786 M	MS 1456 P
6797 M	MS 1560 P
6807 M	MS 943 AL
6809 M	MS 1053 AL
6819 M/7286 M	MS 1157 P
6819 M/7286 M	MS 1157 P
6825 M	MS 1416 AL
6826 M	MS 1417 AL
7011 M	MS 1702 P
7046 M	MS 1705 P
7047 M	MS 1749 P
7047 MA	MS 1704 P
7050 M	MS 1701 P
7054 M	MS 1703 P

FM	CLEMEX
7071 M	MS 1711 P
7086 M	MS 1782 P
7090 M	MS 1720 P
7095 M	MS 1779 P
7099 M	MS 1951 P
7102 M	MS 1804 P
7108 M	MS 2068 P
7116 M	MS 1953
7123 M	MS 1545 P
7141 M	MS 7141 P
7144 M	MS 1822 P
7151 M10	MS 1666 P
7154 M10	MS 5190 P
7159 M	MS 1807 P
7162 M/7295 M	MS 1812 P
7173 M	MS 1581 P
7193 M	MS 3001 P
7194 M	MS 1752 P
7211 M	MS 1947 P
7217 M	MS 1948 P
7234 M/7257 M	MS 1950 P
7242 M/MA	MS 2037 P
7245 M	MS 2006 P
7261 M	MS 2011 P
7262 M	MS 3000 P
7269 M	MS 860 P
7278 M	MS 1946 P
7285 M	MS 1949 P
7288 M	MS 2022 P
7289 M	MS 2198 P
7291 M	MS 1793 P
7292 M	MS 2007 P
7296 M	MS 7296 P
7297 M	MS 7297 P
7298 M	MS 2199 P
7313 M	MS 7313 P
7320 M	MS 1821 P
7321 M	MS 2056 P
7328 M	MS 2028 P
7329 M	MS 1744 P
7337 M	MS 7004 P
7351 M	MS 2010 P
7352 M	MS 2216 P
7369 M	MS 2205 P
7375 M	MS 2015 P
7386 MA	MS 2244 P
7403 MA	MS 7000 P
N/A	MS 1746 P
N/A	MS 5183 P
N/A	MS 5184 P
N/A	MS 5185 P
N/A	MS 5189 P
N/A	MS 5191 P

FM	CLEMEX
N/A	MS 7001 P
N/A	MS 7003 P

BUJES DE ÁRBOL DE LEVAS/ *CAMSHAFT BUSHINGS*

1145 M	SH 287 S
1160 M/1223 M	SH 559 S
1170 M	SH 383 S
1202 M	SH 400 S
1203 M	SH 399 S
1204 M	SH 510 S
1235 M	SH 290 S
1244 M	SH 549 S
1325 M/1734 M	SH 764 S
1354 M/1713 M	SH 735 S
1403 M	SH 710 S
1404 M	SH 616 S
1414 M	SH 1111 S
1422 M	SH 680 S
1442 M	SH 1066 S
1443 M	SH 777 S
1445 M	SH 781 S
1448 M	SH 1309 S
1450 M	SH 567 S
1451 M	SH 875 S
1453 M	SH 876 S
1454 M/1473 M	SH 874 S
1455 M	SH 1310 S
1460 M	SH 1095 S
1461 M	SH 1030 S
1462 M	SH 1031 S
1462 M	SH 1385 S
1463 M	SH 1089 S
1466 M	SH 1355 S
1484 M	SH 1112 S
1485 M	SH 1365 S
1487 M	SH 1326 S
1487 M	SH 1403 S
1492 M	SH 1364 S
1492 M/1785 M	SH 1102 S
1493 M	SH 1197 S
1494 M	SH 1251 S
1557 M	SH 718 S
1592 M	SH 767 S
1726 M	SH 1209 S
1755 M	SH 1448 S
1757 M	SH 1371 S
1762 M	SH 1011 S
1776 M	SH 1212 S
1781 M	SH 1254 S
1790 M	SH 1114 S
1805 M	SH 1429 S

Tabla de intercambios/*Interchanges Table*

FM	CLEMEX
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1806 M	SH 1465 S
1807 M	SH 1526 S
1809 M	SH 1405 S
1810 M	SH 1469 S
1838 M	SH 1390 S
1843 M	SH 1789 S
1844 M	SH 1441 S
1881 M	SH 1977 S
1886 M	SH 1447 S
1888 M	SH 1814 S
1889 M	SH 1812 S
3204 M	SH 1798 S
N/A	SH 1995 S
N/A	SH 1780 S

ARANDELAS DE EMPUJE/ *THRUST WASHERS*

1063 AF	TW 455 S
1099 AF	TW 553 S
1736 AF	TW 458 S
1826 AF	TW 473 S
2056 BF	TW 105 S

FM	CLEMEX
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2952 BF	TW 142 S
3137 BF	TW 316 SR
3146 BFA	TW 448 S
3226 AF	TW 401 S
3567 AF	TW 231 S
3571 BF	TW 451 S
3911 AF	TW 370 S
3921 AF	TW 400 S
3952 BF	TW 368 S
3956 BF	TW 554 S
4693 F	TW 551 S
4706 F	TW 608 S
4806 F	TW 590 S
60476 BF	TW 164 S
60476 BF	TW 7001 S
67033 BF	TW 228 S
67261 BF	TW 230 S
67277 BF	TW 303 S
67277 BF	TW 592 S
67332 BF	TW 326 S
67333 AF	TW 463 S
67341 BF	TW 327 S
N/A	TW 177 S
N/A	TW 7002 S

FM	CLEMEX
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BUJES PARA CABEZA DE ALUMINIO/ *BUSHINGS FOR ALUMINIUM HEAD*

N/A	CA 100 S-STD
1840 M	CA 101 S-STD
1858 M	CA 102 S-STD
N/A	CA 103 S-STD
1848 M	CA 104 S-STD
N/A	CA 105 S-STD
N/A	CA 106 S-STD
N/A	CA 107 S-STD
N/A	CA 108 S-STD
1863 M	CA 109 S-STD
N/A	CA 110 S-STD
N/A	CA 111 S-STD
1839 M	CA 112 S-STD
1865 M	CA 113 S-STD
1868 M	CA 114 S-STD
1869 M	CA 115 S-STD
1859 M	CA 116 S-STD
1841 M	CA 117 S-STD

Tabla de componentes/*Components Table*

Número de componente/ <i>Component number</i>	Contenido en el juego(s)/ <i>Number of component(s) in set</i>
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MB 64 AL (F)	MS 943 AL
MB 65 P	MS 943 AL
MB 66 AL	MS 943 AL
MB 67 AL	MS 943 AL
MBX 68 P	MS 1329 P
MB 282 P	MS 1581 P
MB 596 AL (F)	MS 1053 AL
MB 597 P	MS 1053 AL
MB 598 AL	MS 1053 AL
MB 599 AL	MS 1053 AL
MB 609 P	MS 1054 P
MB 615 P	MS 1102 P
MB 615 P	MS 1428 P
MB 618 P (F)	MS 1102 P
MB 623 P	MS 1456 P
MB 631 P	MS 1106 P
MB 631 P	MS 1054 P
MB 632 P	MS 1106 P
MB 632 P	MS 1054 P
MB 633 P (F)	MS 1054 P
MB 633 P (F)	MS 1106 P
MB 634 P	MS 1107 P
MB 635 P	MS 1107 P
MB 636 P (F)	MS 1107 P
MB 664 P	MS 1140 P
MB 692 P	MS 1157 P
MB 693 P (F)	MS 1157 P
MB 974 P	MS 1298 P
MB 975 P	MS 1298 P
MB 1072 P	MS 1427 P
MB 1073 P	MS 1427 P
MB 1173 P (F)	MS 1559 P
MB 2000 P (F)	MS 517 P
MB 2001 P	MS 517 P
MB 2035 P	MS 963 P
MB 2035 P	MS 1344 P
MB 2035 P	MS 1701 P
MB 2035 P	MS 540 P
MB 2036 P (F)	MS 540 P
MB 2036 P (F)	MS 963 P
MB 2121 P	MS 1666 P
MB 2121 P	MS 1746 P
MB 2121 P	MS 5185 P
MB 2121 P	MS 590 P
MB 2122 P (F)	MS 590 P
MB 2159 P	MS 616 P
MB 2159 P	MS 617 P
MB 2160 P (F)	MS 616 P
MB 2160 P (F)	MS 617 P

Número de componente/ <i>Component number</i>	Contenido en el juego(s)/ <i>Number of component(s) in set</i>
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MB 2221 P	MS 757 P
MB 2221 P	MS 830 P
MB 2221 P	MS 956 P
MB 2222 P	MS 757 P
MB 2222 P	MS 830 P
MB 2222 P	MS 956 P
MB 2235 P (F)	MS 685 P
MB 2252 P (F)	MS 805 P
MB 2253 P	MS 805 P
MB 2263 P	MS 1947 P
MB 2263 P	MS 1948 P
MB 2263 P	MS 1568 P
MB 2263 P	MS 704 P
MB 2264 P (F)	MS 1568 P
MB 2264 P (F)	MS 704 P
MB 2264 P (F)	MS 1947 P
MB 2264 P (F)	MS 1948 P
MB 2350 P	MS 2006 P
MB 2350 P	MS 860 P
MB 2350 P	MS 1983 P
MB 2351 P (F)	MS 860 P
MB 2357 P	MS 2357 P
MB 2358 P (F)	MS 2357 P
MB 2365 P	MS 805 P
MB 2391 AL (F)	MS 822 AL
MB 2392 P	MS 822 AL
MB 2393 AL	MS 822 AL
MB 2394 AL	MS 822 AL
MB 2403 P	MS 829 P
MB 2404 P (F)	MS 829 P
MB 2433 P	MS 960 P
MB 2434 P (F)	MS 960 P
MB 2441 P	MS 685 P
MB 2441 P	MS 863 P
MB 2442 P (F)	MS 863 P
MB 2491 P	MS 960 P
MB 2508 P	MS 1626 P
MB 2508 P	MS 1744 P
MB 2508 P	MS 5183 P
MB 2508 P	MS 909 P
MB 2508 P	MS 1454 P
MB 2508 P	MS 1628 P
MB 2508 P	MS 2215 P
MB 2508 P	MS 5184 P
MB 2509 P (F)	MS 909 P
MB 2509 P (F)	MS 1454 P
MB 2553 P	MS 979 P
MB 2554 P (F)	MS 979 P
MB 2557 P	MS 981 P

Número de componente/ <i>Component number</i>	Contenido en el juego(s)/ <i>Number of component(s) in set</i>
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MB 2558 P (F)	MS 981 P
MB 2558 P (F)	MS 1432 P
MB 2559 P	MS 540 P
MB 2559 P	MS 963 P
MB 2559 P	MS 1344 P
MB 2559 P	MS 1701 P
MB 2562 P	MS 1038 P
MB 2563 P (F)	MS 1038 P
MB 2564 P	MS 1039 P
MB 2565 P (F)	MS 1039 P
MB 2588 P (F)	MS 1733 P
MB 2590 P	MS 1051 P
MB 2590 P	MS 1266 P
MB 2591 P (F)	MS 1051 P
MB 2592 P	MS 1051 P
MB 2598 P	MS 1060 P
MB 2598 P	MS 1061 P
MB 2599 P	MS 1060 P
MB 2599 P	MS 1061 P
MB 2612 P	MS 1117 P
MB 2613 P (F)	MS 1117 P
MB 2620 P (F)	MS 1344 P
MB 2620 P (F)	MS 1701 P
MB 2623 P (F)	MS 1266 P
MB 2624 P	MS 1266 P
MB 2664 P	MS 1381 P
MB 2692 P	MS 1629 P
MB 2692 P	MS 1389 P
MB 2692 P	MS 771 P
MB 2692 P	MS 1629 P
MB 2693 P (F)	MS 771 P
MB 2693 P (F)	MS 1389 P
MB 2693 P (F)	MS 1629 P
MB 2719 AL (F)	MS 1416 AL
MB 2720 P	MS 1416 AL
MB 2721 AL	MS 1416 AL
MB 2722 AL	MS 1416 AL
MB 2723 AL (F)	MS 1417 AL
MB 2724 P	MS 1417 AL
MB 2725 AL	MS 1417 AL
MB 2726 AL	MS 1417 AL
MB 2731 P	MS 1419 P
MB 2732 P (F)	MS 1419 P
MB 2737 P	MS 1424 P
MB 2738 P (F)	MS 1424 P
MB 2745 P	MS 1427 P
MB 2746 P	MS 1428 P
MB 2747 P	MS 1429 P
MB 2748 P	MS 1429 P

Tabla de componentes/*Components Table*

Número de componente/ <i>Component number</i>	Contenido en el juego(s)/ <i>Number of component(s) in set</i>
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MB 2749 P (F)	MS 1429 P
MB 2750 P	MS 1429 P
MB 2753 P	MS 1431 P
MB 2754 P	MS 5189 P
MB 2754 P	MS 5190 P
MB 2754 P	MS 5191 P
MB 2754 P	MS 1432 P
MB 2785 P	MS 1545 P
MB 2791 P	MS 2068 P
MB 2786 P (F)	MS 1545 P
MB 2806 P	MS 1494 P
MB 2807 P	MS 1494 P
MB 2808 P (F)	MS 1494 P
MB 2809 P	MS 1494 P
MB 2854 P	MS 1704 P
MB 2854 P	MS 2205 P
MB 2863 P	MS 1533 P
MB 2864 P (F)	MS 1533 P
MB 2869 P	MS 1559 P
MB 2870 P	MS 1560 P
MB 2871 P	MS 1561 P
MB 2872 P (F)	MS 1561 P
MB 2883 P (F)	MS 1704 P
MB 2883 P (F)	MS 2205 P
MB 2885 P	MS 1570 P
MB 2886 P	MS 1570 P
MB 2887 P (F)	MS 1570 P
MB 2888 P	MS 1570 P
MB 2915 P (F)	MS 1581 P
MB 2925 P	MS 1590 P
MB 2931 P	MS 1595 P
MB 2932 P	MS 1595 P
MB 2933 P (F)	MS 1595 P
MB 2960 P	MS 1705 P
MB 2961 P	MS 1705 P
MB 2962 P (F)	MS 1705 P
MB 2981 P (F)	MS 1626 P
MB 2981 P (F)	MS 1628 P
MB 2986 P	MS 1629 P
MB 2990 P	MS 1633 P
MB 2998 P	MS 1638 P
MB 3047 P	MS 1666 P
MB 3048 P (F)	MS 5185 P
MB 3049 P	MS 1668 P
MB 3050 P (F)	MS 1668 P
MB 3053 P	MS 1945 P
MB 3061 P	MS 1775 P
MB 3073 P	MS 1706 P
MB 3074 P (F)	MS 1706 P

Número de componente/ <i>Component number</i>	Contenido en el juego(s)/ <i>Number of component(s) in set</i>
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MB 3084 P	MS 1703 P
MB 3085 P (F)	MS 1703 P
MB 3093 P	MS 1702 P
MB 3094 P (F)	MS 1702 P
MB 3095 P	MS 1702 P
MB 3103 P	MS 1705 P
MB 3107 P (F)	MS 1946 P
MB 3107 P (F)	MS 2010 P
MB 3108 P	MS 1720 P
MB 3116 P	MS 1711 P
MB 3119 P (F)	MS 1744 P
MB 3119 P (F)	MS 2215 P
MB 3120 P (F)	MS 5183 P
MB 3120 P (F)	MS 5184 P
MB 3124 P (F)	MS 1746 P
MB 3135 P	MS 1733 P
MB 3138 P	MS 1782 P
MB 3139 P	MS 7141 P
MB 3139 P	MS 7296 P
MB 3139 P	MS 7297 P
MB 3139 P	MS 2007 P
MB 3139 W	MS 2007 P
MB 3139 W	MS 2198 P
MB 3140 P (F)	MS 7141 P
MB 3143 P (F)	MS 2037 P
MB 3148 P	MS 1752 P
MB 3149 P	MS 1752 P
MB 3172 P	MS 1708 P
MB 3172 P	MS 1779 P
MB 3174 P	MS 1803 P
MB 3175 P (F)	MS 1803 P
MB 3176 P	MS 1804 P
MB 3187 P	MS 1782 P
MB 3187 P	MS 1812 P
MB 3188 P (F)	MS 1782 P
MB 3188 P (F)	MS 1812 P
MB 3200 P	MS 1714 P
MB 3201 P (F)	MS 1714 P
MB 3210 P	MS 1821 P
MB 3213 P	MS 1822 P
MB 3213 P	MS 2022 P
MB 3214 P (F)	MS 1822 P
MB 3214 P (F)	MS 2022 P
MB 3215 P	MS 1822 P
MB 3337 P	MS 1947 P
MB 3337 P	MS 1948 P
MB 3338 P (F)	MS 1947 P
MB 3338 P (F)	MS 1948 P
MB 3339 P (F)	MS 1945 P

Número de componente/ <i>Component number</i>	Contenido en el juego(s)/ <i>Number of component(s) in set</i>
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MB 3340 P	MS 1946 P
MB 3340 P	MS 2010 P
MB 3341 P	MS 1949 P
MB 3342 P (F)	MS 1949 P
MB 3343 P	MS 1950 P
MB 3344 P	MS 1951 P
MB 3345 P	MS 1951 P
MB 3416 P (F)	MS 1983 P
MB 3416 P (F)	MS 2006 P
MB 3446 P (F)	MS 1951 P
MB 3478 P	MS 2015 P
MB 3494 P	MS 2022 P
MB 3511 P	MS 2037 P
MB 3512 P	MS 2037 P
MB 3514 P	MS 2056 P
MB 3515 P (F)	MS 2056 P
MB 3553 P	MS 3501 P
MB 3554 P	MS 3501 P
MB 3565 P (F)	MS 2068 P
MB 3591 P	MS 2199 P
MB 3592 P (F)	MS 2199 P
MB 3749 P	MS 2205 P
MB 3771 P	MS 2216 P
MB 3772 P	MS 2198 P
MB 3773 P (F)	MS 2198 P
MB 3790 P	MS 2244 P
MB 4000 P (F)	MS 2028 P
MB 4001 P	MS 2028 P
MB 4166 P	MS 7313 P
MB 4506 P	MS 7296 P
MB 4506 P	MS 7297 P
MB 4507 P	MS 7296 P
MB 4507 P	MS 7297 P
MB 4507 W	MS 7296 P
MB 4507 W	MS 7297 P
MB 4509 P (F)	MS 2007 P
MB 4767 P (F)	MS 7313 P
MB 5050 P	MS 3000 P
MB 5051 P (F)	MS 3000 P
MB 5052 W	MS 3000 P
MB 5053 P	MS 3001 P
MB 5054 P (F)	MS 3001 P
MB 5055 P (F)	MS 5189 P
MB 5056 P (F)	MS 5190 P
MB 5057 P (F)	MS 5191 P
MB 7000 W	MS 7000 P
MB 7001 P	MS 7000 P
MB 7005 P	MS 7004 P

NOTAS/NOTES



Reconocida calidad

Ofrecer la más alta disponibilidad de productos de calidad para el mercado automotriz es nuestra misión. Para lograrlo, cada actividad realizada en Clemex se encuentra respaldada por los certificados y reconocimientos de mayor relevancia en el mundo automotriz.

Además de trabajar bajo sistemas de calidad y procesos de fabricación avalados por la norma ISO TS 16949:2002*, y contar con la certificación de la norma ISO 14001 como una empresa preocupada por el medio ambiente, Clemex goza del reconocimiento de importantes instituciones en el ámbito automotriz:

- Q-1 Premio de Calidad por parte de Ford Motor Company.
- Un premio de excelencia Yushu Shoh, dos premios Yuryo Shoh (Maestro de Calidad) y cinco premios Cero Defectos de Nissan Mexicana.
- Quince premios de calidad, 11 concedidos de manera consecutiva, de Tremec (Transmisiones Mecánicas).
- Primer lugar de calidad, concedido por TSP.

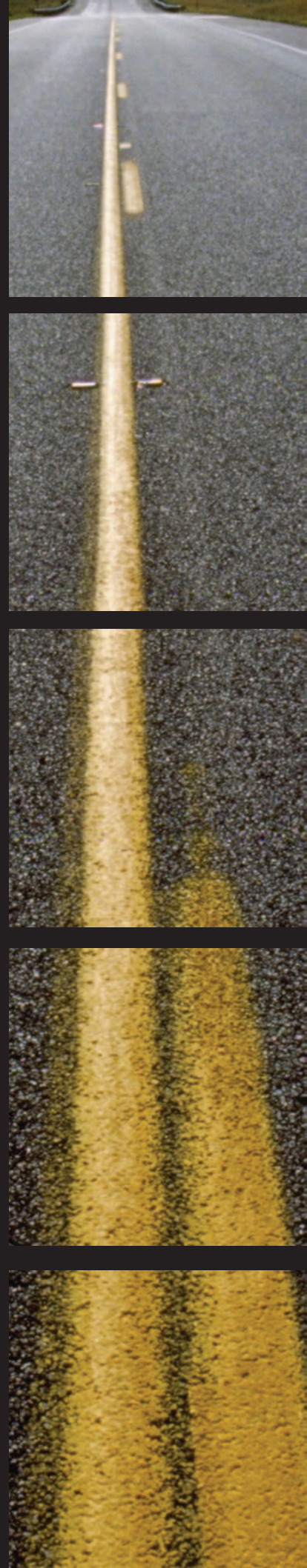
* Certificados por QMI
(Quality Management Institute, de Canadá).

Renowned Quality

Our company's mission is to ensure the availability of quality products for the automotive industry. To that effect, Clemex' activities have been certified and granted awards from the industry.

Clemex uses ISO TS 16949:2002 certified quality systems and manufacturing processes and has been ISO 14001 certified as an environmentally-friendly company. Influential automotive institutions have also recognized Clemex efforts:*

- A Q-1 Quality Award from the Ford Motor Company.
- A Yushu Shoh Excellence Award, two Yuryo Shoh Awards (Quality Master) and five Zero Defects Awards from Nissan Mexicana.
- Fifteen Quality Awards, 11 of them consecutively, from Tremec (Mechanical Transmissions).
- First place in quality from TSP.
- Certified by QMI (Quality Management Institute of Canada).



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