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LA EMPRESA

Con mas de 33 años en la fabricación de Retenes, Rodamientos de embrague, O` rings, Retenes de válvulas y Rodamientos de Cardan, Di Benedetto Hnos. S.A. es hoy una de las principales compañías dedicadas a este rubro, con prestigio nacional e internacional. Desde su creación en 1986 Di Benedetto Hnos. es una empresa pionera en la fabricación de piezas de caucho metal destinadas al mercado de reposición en el rubro autopartista.

El sostenido crecimiento que ha logrado a lo largo de dos décadas fue ganando desde sus inicios con la producción de retenes y demás productos marca DBH. Su calidad y prestigio fueron las claves para afianzarse rápidamente en el mercado nacional; y en muy poco tiempo logran hacerse su lugar en países de Latinoamérica como: Brasil, Bolivia, Chile, Paraguay, Uruguay, como así también en Estados Unidos y Sudafrica.

Con un fiel espíritu familiar, la empresa cuenta hoy con 130 colaboradores que desarrollan sus tareas a lo largo de los 5000m2 de superficie de la planta productiva desde donde parten más de 400 diseños que superan una variedad de 4500 medidas.

A lo largo de toda su historia, el respeto y el reconocimiento que tiene Di Benedetto Hnos. se basa no sólo en sus inversiones y coherencia para generar negocios, sino fundamentalmente en la conducta y el ejercicio profesional de toda su gente.

COMPROMISO DE CALIDAD

Desde sus inicios, en Di Benedetto Hnos. se trabaja fuertemente en la innovación, con el objetivo de aumentar día a día la calidad de los productos. De esta manera se lleva adelante una consistente política de exportación y de reinversión permanentes en nuevos materiales, desarrollos industriales, tecnológicos y comerciales.

Este compromiso impulsa y consolida un modelo productivo y de distribución que permite el desarrollo de una gestión de calidad, incorporando nuevas tecnologías y capacitando al personal de manera permanente para responder a las cambiantes necesidades del sector.

Comprometidos en superar las exigencias más rigurosas, se implementó un "Sistema de Gestión de Calidad" avalado por la Norma ISO 9001 de reconocimiento internacional.

De esta manera el Programa de Calidad es aplicado en todas las etapas para garantizar diseño, desarrollo, producción, instalación y servicio de posventa en los productos y la satisfacción total de nuestro capital más importante: los clientes.



PARTES DE UN RETEN Y REQUISITOS QUE DEBEN CUMPLIR

La función de un reten es mantener un fluido, por ejemplo aceite, un gas, etc., dentro de un volumen, que normalmente se encuentra atravesado por un eje que gira o se mueve axialmente. El reten va montado en la parte fija de la máquina (alojamiento) y tiene un labio flexible (asistido por un resorte) que sella contra el eje en movimiento, impidiendo el paso de fluido que se debe retener.(Ver Fig. 1)

Los requisitos que debe cumplir un reten radial, varían dentro de los límites muy amplios. No obstante las exigencias comunes son por lo general las siguientes:

- Buenas cualidades sellantes
- Gran resistencia al desgaste
- Buena resistencia al calor y al frío
- Buena resistencia contra diferentes medios
- Facilidad de montaje
- Larga duración

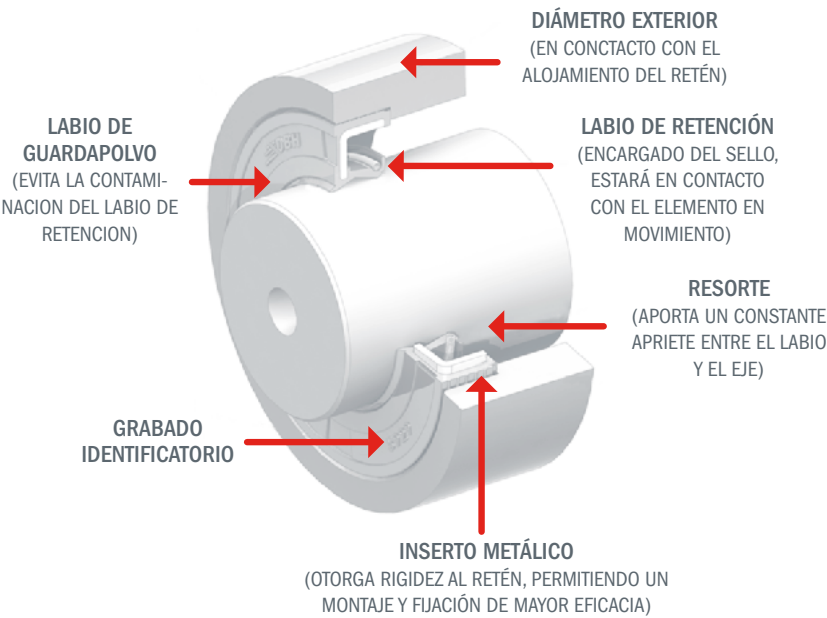


Figura 1
El reten está montado en la parte fija de la máquina con el labio cargado por el resorte en contacto con el eje rotatorio.

SELECCIÓN DE RETENES PARA EL CORRECTO FUNCIONAMIENTO

- Numero de pieza

Generalmente un reten lleva un número de pieza y medidas para que pueda identificarse a través de la tabla de equivalencias, catálogo de vehículos o de las listas numéricas de este manual.

- Dimensiones

Si no hay ningún número ó es ilegible, se puede seleccionar el reemplazo equiparando las medidas con las de las listas. Si no hay disponible un reten de la misma altura, seleccione uno ligeramente mas bajo.

Diseños	Aplicaciones	Límites de temperatura Continua	Código de Labio
 Mt Simple labio sin resorte	Retén para retención de grasa y protección contra el polvo. Se aplica en trabajos de baja velocidad. No lleva resorte y su instalación es con el labio hacia afuera para otorgar una máxima protección a la entrada de polvo. No están diseñados para retener aceite. Usos típicos se encuentran en rodillos transportadores y ruedas de vehículos. El tipo A 099 es para servicios pesados donde las condiciones de uso son exigentes, como por ejemplo la rastra de discos.	-40° a 149°C -54° a 107°C -73° a 163°C	ACM NBR MVQ
 Lt Simple labio sin resorte			
 A099			
 Mz Simple labio con resorte	Este diseño presenta un solo labio, con resorte. No llevan armadura de protección interior. Son retenes que se emplean en aplicaciones más económicas. Algunos usos típicos son, por ejemplo, motores eléctricos y cajas reductoras de velocidad. Cuando las condiciones operativas exceden las presentaciones que suministran los materiales estandares se puede sustituir por materiales especiales adecuados para cada requerimientos.	-40° a 149°C -54° a 107°C -73° a 163°C -40° a 204°C	ACM NBR MVQ FPM
 Lz Simple labio con resorte			
 Kz Simple labio con resorte	Diseño de un solo labio, con resorte y armadura interna para conferirle una mayor resistencia y una adecuada protección a la zona de retención. Es recomendado especialmente para aquellos casos en los cuales el conjunto eje puede llegar a apoyar en el talón del reten. Por lo general este tipo de reten es empleado en ejes de diámetro superior a 50 mm. Se puede fabricar en compuestos especiales si así es requerido.	-40° a 149°C -54° a 107°C -73° a 163°C -40° a 204°C	ACM NBR MVQ FPM

Diseños	Aplicaciones	Límites de temperatura Continúa	Código de Labio
 Mx Doble labio con un resorte  Lx Doble labio con un resorte	Este diseño presenta doble labio y no tiene armadura interior. Un labio proporciona una buena protección a la entrada de polvo externo y el otro, que posee un resorte, asegura una excelente retención del lubricante. Se ofrece este diseño en materiales estándares, y puede ser fabricado en materiales especiales cuando los requerimientos de presentación exceden los comunes.	-40° a 149°C -54° a 107°C -73° a 163°C -40° a 204°C	ACM NBR MVQ FPM
 Kx Doble labio con un resorte	El diseño de doble labio asegura una buena protección contra la suciedad exterior y una excelente condición de retención del lubricante por medio de su labio de retención con resorte. Posee una armadura interna que confiere una mayor resistencia estructural y lo protege en la zona de retención, de modo especial en aquellos casos en los que el eje pueda apoyar el talón del retén.	-40° a 149°C -54° a 107°C -73° a 163°C -40° a 204°C	ACM NBR MVQ FPM
 Mr Doble labio con dos resortes  Lr Doble labio con dos resortes  Kr Doble labio con dos resortes	Es un retén de doble labio de retención con resorte que se recomienda de manera especial cuando hay que separar dos fluidos. Pueden ser construidos en materiales estándares o especiales, de acuerdo a la necesidad, pudiendo ser los labios de retención de diferentes materiales de acuerdo a la prestación a cumplir.	-54° a 107°C -40° a 204°C	NBR FPM
 A 101  A 094	Este diseño presenta labios exteriores, que cumplen la función de sellar contra el diámetro de su alojamiento, al girar el retén que está montado solidariamente al eje. Hay modelos que poseen un resorte de expansión que actúa sobre el labio de retención, proporcionando un efectivo sellado. El montaje del retén se realiza orientando los labios hacia el exterior, de modo de oponerse a la entrada de suciedad y polvo. Su mayor aplicación es generalmente en máquinas agrícolas.	-40° a 149°C -54° a 107°C	ACM NBR

En los diseños tipo M se debe indicar que son retenes que clavan fuertemente en su alojamiento y no son aptos para trabajar en alojamientos deteriorados.
 En los diseños tipo L se debe indicar que son retenes fáciles de montar y desmontar y son aptos para trabajar en alojamientos deteriorados.

REQUISITOS DE EJES Y ALOJAMIENTOS PARA UN MONTAJE CORRECTO

	EJE	ALOJAMIENTO
CONFIGURACION	Es necesario un radio o bisel libre de rebabas, según se ilustra debajo. (C=profundidad del bisel) Ver cuadro n° 1 y figuras n° 1 y 2.	Para facilitar el montaje se recomienda realizar chaflanes en las zonas donde debe entrar el reten. Ver figura n° 1.
DUREZA	En la mayoría de las aplicaciones, la dureza deberá tener un valor como mínimo de 55HRC, con una profundidad al menos de 0,30mm. Para casos de velocidades periféricas bajas (Menores a 8m/s), buena lubricación y ausencia de contaminación pueden llegar a ser aceptables valores de dureza inferiores a 55HRC.	No se recomienda ninguna dureza, Rockwell. Sin embargo, la misma debe ser lo suficientemente elevada para mantener la interferencia con el diámetro exterior del reten.
MATERIAL	Los retenes funcionan mejor sobre ejes de acero al carbono medio (SAE 1035, 1045) o acero inoxidable.	Los materiales ferrosos y otros materiales metálicos comúnmente, el aluminio, son aceptables.
ACABADO SUPERF	Las superficies de buena calidad cromadas y niqueladas, correctamente acabadas, son aceptables. El latón, bronce y las aleaciones de aluminio, zinc o magnesio, no se recomiendan.	Se debe mantener un acabado de aproximadamente 125 micro-pulgadas o más liso para asegurar un sellado correcto.
TOLERANCIA	Para la función de retención satisfactoria, asegúrese de que el diámetro del eje esté dentro de las siguientes tolerancias recomendadas RMA y ISO. Ver cuadro n° 2.	A los efectos de lograr un perfecto anclaje del reten en el alojamiento, debe haber una interferencia controlada entre ellos. Los retenes DBH están fabricados cumpliendo estrictas especificaciones en lo que se refiere a su ø exterior. Los alojamientos deben cumplir con las tolerancias que figuran en la siguiente tabla (Válida para materiales ferrosos) Ver cuadro n° 3.

	EJE	ALOJAMIENTO
RUGOSIDAD	Hay 2 tipos de excentricidades que afectan la performance del reten. Son las siguientes: ESTATICA: Diferencia entre el centro del eje y el centro del alojamiento. Es muy comun y se debe a la falta de precisión en el mecanizado y el montaje. La carga radial del labio sobre el eje queda mal distribuida. En una zona se produce desgastes excesivos y en la opuesta se corre el riesgo de tener perdidas inmediatas. DINAMICA: Se debe a que no coincide el centro geometrico del eje con el centro de giro del mismo. Cuando el eje gira, el labio de retencion necesita moverse para mantener el sellado. A medida que aumentan las RPM al labio se le hace mas dificil mantenerse apoyado contra el eje y se producen perdidas. Para medir esta excentricidad se coloca un comparador solidario al alojamiento y se hace girar el eje. Ver figuras n° 4.	En el caso del alojamiento podemos encontrar en tipo de excentricidad que afecte al funcionamiento del retén, denominada: ESTATICA: Diferencia entre el centro del eje y el centro del alojamiento. Es muy comun y se debe a la falta de precisión en el mecanizado y el montaje. La carga radial del labio sobre el eje queda mal distribuida. En una zona se produce desgastes excesivos y en la opuesta se corre el riesgo de tener perdidas. (Ver figura N° 4).
DIRECCIONALIDAD	La rugosidad del eje debe encontrarse entre ciertos limites. Si se sobrepasan los valores maximos, se produce un desgaste prematuro del labio de retencion. Si la misma se encuentra por debajo de un minimo, se rompe la pelicula de lubricacion que se forma entre el eje y el labio de retencion, con lo cual se incrementa la friccion, sube la temperatura, y se deteriora el labio. Los valores de rugosidad (Medios segun Norma ISO 4288) deben cumplir: Ra 0,2 a 0,8 um / Rz 1 a 4 um / Rmax 6,3 um.	No especificado
VELOCIDAD	En el mecanizado de los ejes debe considerarse que no deben quedar huellas con direccionalidad, de modo de evitar perdidas por bombeo dependiendo del sentido de giro. Ver figura n° 3.	No especificado
EXCENTRICIDAD	Las velocidades maximas del eje para una actuacion efectiva del reten dependen del acabado del eje, presion, temperatura, excentricidad, lubricante o fluido que se retiene, tipo de reten y otras condiciones. Por ejemplo las velocidades del eje pueden aumentarse cuando el acabado de la superficie del eje mejora o la excentriciadd (desplazamiento) se reduce. IMPORTANTE: Recomendamos extremar los recaudos en la proteccion del eje hasta el momento del montaje definitivo.	No especificado

Figura 1
Realizar chaflanes en ambas partes (Alojamiento y Eje) para evitar el daño de los retenes a la hora del montaje.

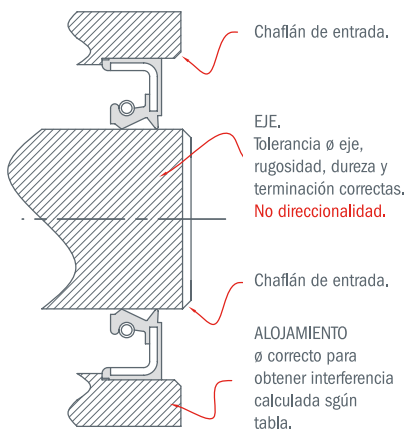
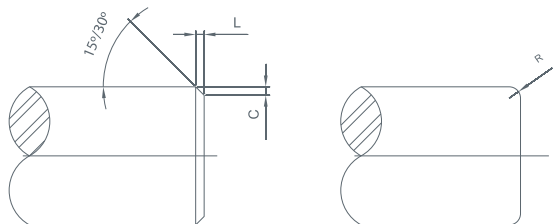
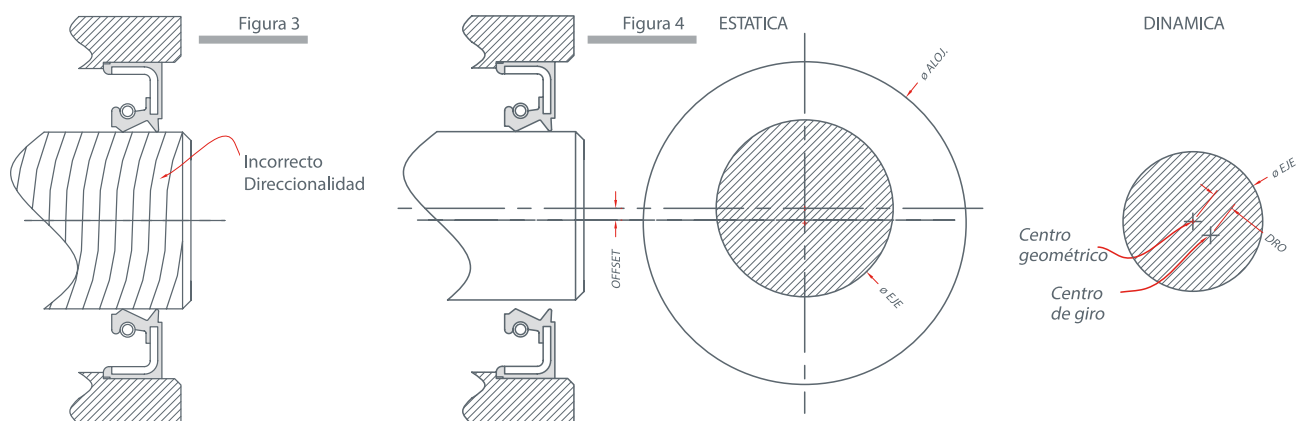


Figura 2
Los chaflanes y/o radios deberán estar libres de rebabas.





CUADRO N° 1

DIAMETRO DEL EJE (en mm.)	C a 15°	R a 30°	L. Preferida	L. Opcional
Hasta 100,00	2,5	4,5	8,5	4,0
100,10 a 180,00	3,0	6,0	11,5	5,0
180,10 a 1000,00	5,0	9,5	18,0	8,0
1000,10 y mayor	6,5	12,7	24,0	11,0

CUADRO N° 2

DIAMETRO DEL EJE (en mm.)	Tolerancia	DIAMETRO DEL EJE (en mm.)	Tolerancia
Más de 6 hasta 10	+ 0,000 - 0,090	Más de 120 hasta 180	+ 0,000 - 0,250
Más de 10 hasta 18	+ 0,000 - 0,110	Más de 180 hasta 250	+ 0,000 - 0,290
Más de 18 hasta 30	+ 0,000 - 0,130	Más de 250 hasta 315	+ 0,000 - 0,320
Más de 30 hasta 50	+ 0,000 - 0,160	Más de 315 hasta 400	+ 0,000 - 0,380
Más de 50 hasta 80	+ 0,000 - 0,190	Más de 400 hasta 500	+ 0,000 - 0,400
Más de 80 hasta 120	+ 0,000 - 0,220		

CUADRO N° 3

ALOJAMIENTO		RETEN	
Diámetro	(ISO / HB) Tolerancia	Tolerancia del diámetro:	
		Caja de metal	Cubierta de caucho
Más de 6 hasta 10	+0,022 -0,000	+0,20 +0,06	+0,40 +0,20
Más de 10 hasta 18	+0,027 -0,000	+0,20 +0,08	+0,40 +0,20
Más de 18 hasta 30	+0,033 -0,000	+0,20 +0,08	+0,40 +0,20
Más de 30 hasta 50	+0,039 -0,000	+0,20 +0,08	+0,40 +0,20
Más de 50 hasta 80	+0,046 -0,000	+0,23 +0,09	+0,45 +0,25
Más de 80 hasta 120	+0,054 -0,000	+0,25 +0,10	+0,45 +0,25
Más de 120 hasta 180	+0,063 -0,000	+0,28 +0,12	+0,55 +0,30
Más de 180 hasta 250	+0,072 -0,000	+0,35 +0,15	+0,55 +0,30
Más de 250 hasta 300	+0,081 -0,000	+0,35 +0,15	+0,55 +0,30
Más de 300 hasta 315	+0,081 -0,000	+0,45 +0,20	+0,65 +0,35
Más de 315 hasta 400	+0,089 -0,000	+0,45 +0,20	+0,65 +0,35
Más de 400 hasta 500	+0,097 -0,000	+0,45 +0,20	+0,65 +0,35

Nota:

El diámetro exterior del retén está determinado por el promedio de tres medidas, por lo menos, tomadas en posiciones igualmente separadas. En un alojamiento escalonado, la profundidad del orificio interno debe exeder la altura del retén por un mínimo de 0,40 mm.

SELECCIÓN DE MATERIAL Y COMPUESTO

Los retenes DBH están disponibles en una extensa variedad de materiales del elemento de sellado. Cada uno tiene características específicas. Un “código de compuesto” designa los materiales en las tablas y listas de referencias subsiguientes.

Nitrilo (Cód. del Compuesto: NBR)

Es el material de sellado mas comúnmente usado. El nitrilo es excelente para la mayoría de los aceites minerales y grasas. Hay disponibles variaciones para fuel, fluidos industriales y lubricantes muy mezclados. Los nitrilos están recomendados para operaciones continuas desde -54°C a 107°C , e intermitentemente hasta 121°C .

Poliacrílico (Cód. del Compuesto: ACM)

Para uso con lubricantes EP (extrema presión) y elevadas temperaturas de funcionamiento.

Los elastómeros de poliacrílico tienen buena resistencia a las temperaturas de operación mas elevadas, hasta 149°C , e incluso hasta 177°C en algunos fluidos. Tienen elevada resistencia a la oxidación y al ozono. No se recomiendan para uso con agua o a temperaturas por debajo de -40°C .

Silicona (Cód. del Compuesto: MVQ)

Para aplicaciones con alta/baja temperatura, baja fricción. Los retenes hechos de silicona pueden usarse para cubrir una amplia gama de temperaturas, desde -73°C a 163°C . La elevada absorción de lubricante de los retenes de silicona minimiza la fricción y el desgaste. La silicona tiene poca resistencia a los aceites oxidados, algunos aditivos de extrema presión y contaminantes abrasivos.

Fluoroelastómeros (Cód. del compuesto: FPM)

Materiales superiores para la gama más extensa de temperaturas y la mayor resistencia química.

Los fluoroelastómeros resistirán temperaturas desde -40°C hasta 204°C . Resisten los productos mas especiales, lubricantes y químicos que pueden destruir alnitrilo, los poliacrílicos y las sili-conas. Este material superior muy apreciado ofrece un funcionamiento y vida de servicio excepcionales.

Otros materiales de sellado

Hay compuestos especiales para aplicaciones específicas. Cuando es necesario otro material, póngase en contacto con DBH para los detalles.

Materiales de caja

A menos que se indique otro modo, las cajas anteriores y exteriores de retenes en este catalogo están formadas de acero laminado frío. Están engrasadas o tratadas para protegerlas contra la corrosión en el manejo y almacenaje ordinario. Se puede suministrar retenes de acero inoxidable para resistencia a la corrosión y condiciones extremas.

Materiales de resorte

A menos que este especificado, los resortes suministrados con los retenes de este catalogo son alambre de acero estirado puro. Si es necesario se puede suministrar resortes de acero inoxidable.

VELOCIDAD PERIFERICA Y NÚMERO DE REVOLUCIONES

Al girar el eje se produce una fricción entre este y el reten, desarrollándose calor. Cuando mas rápido gira el eje mayor será el calor producido por la fricción. Cuando se alcanza la temperatura máxima admisible del labio se ha llegado a la velocidad periférica máxima permitida del eje. Por tal razón, puede decirse en términos generales que cuando mayor sea la resistencia al calor del material de reten, mayor será la velocidad periférica admisible. También deberá tomarse en consideración la temperatura ambiente.

Sin embargo, el calor producido por la fricción no depende solamente de la velocidad de rotación sino que también, existen otros factores como:

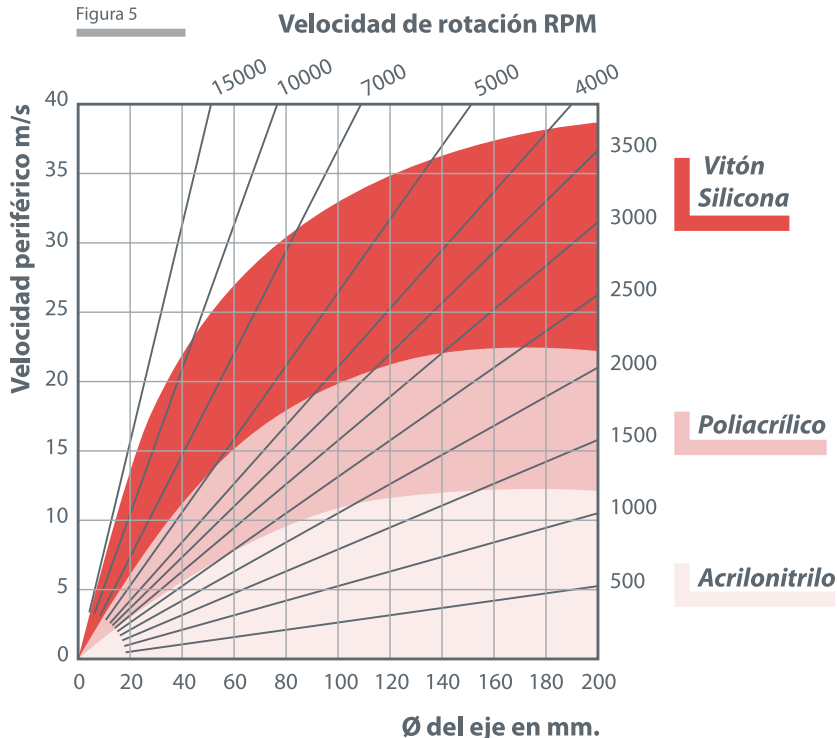
- Terminación superficial, excentricidad y desplazamiento del eje.
- Lubricación y condiciones de presión, disipación del calor.
- Diseño del labio

Los diferentes diseños del labio influyen sobre la magnitud de la fricción dando , por lo tanto, como resultado incremento variado de la temperatura.

Esto hace que los diferentes diseños de labios permitan diferentes velocidades periféricas. La figura n° 5 muestra los valores máximos aproximados de la velocidad periférica admisible para labios de retenes tipo Lz, Mz, Kz, etc., de nitrilo, poliacrílico, silicona y vitón.

La curva muestra que en ejes de mayor diámetro pueden permitirse velocidades periféricas mas altas que en el menor diámetro. Esto esta relacionado directamente con el aumento de sección del eje, sección que aumenta con el cuadrado del diámetro, aumentando por consiguiente en la misma proporción la capacidad de disipar calor.

Figura 5



Los valores obtenidos en la figura nº 5 deben reducirse si:

- Se trata de retenes con labio guardapolvo.
- La lubricación es insuficiente.
- La lubricación es mediante grasa (poca eficiente para la disipación de calor)
- La superficie del eje no cumple con los requisitos de terminación superficial.
- Hay diferencial de presión a través del reten.

PRESIÓN

Cuando los labios están expuestos a presión son forzados contra el eje aumentando superficie de contacto. Al ocurrir esto, aumenta la fricción y se genera calor. Por tal razón cuando el reten esta sometido a presión, los valores de velocidad periféricas indicados no pueden ser mantenidos y deberán ser reducidos en relación con la magnitud de la presión.

Los tipos Mz y Lz pueden ser empleados en medios con presión hasta 0,5 bar. Altas velocidades periféricas, presiones tan bajas como de 0,1 – 0,2 bar pueden causar dificultades.

Mediante el empleo de un anillo de apoyo separado, los tipos Mz y Lz pueden emplearse en medios con presiones superiores a

0,5 bar. El anillo de apoyo debe colocarse en el lado posterior del reten, pero los dos necesitan estar en contacto cuando el reten no esta sometido a presión figura nº 6.

Sin embargo, la arandela rígida requiere una adaptación exacta. A presiones muy altas, deberán elegirse retenes con cubiertas revestidas de goma, con el fin de impedir fugas entre el reten y el alojamiento.

Cuando el reten esta sometido a presión, se corre el riesgo de que se desplace axialmente dentro del alojamiento.

Esto se evita colocando el reten contra un tope, anillo separador o anillo ranura.

Figura 6

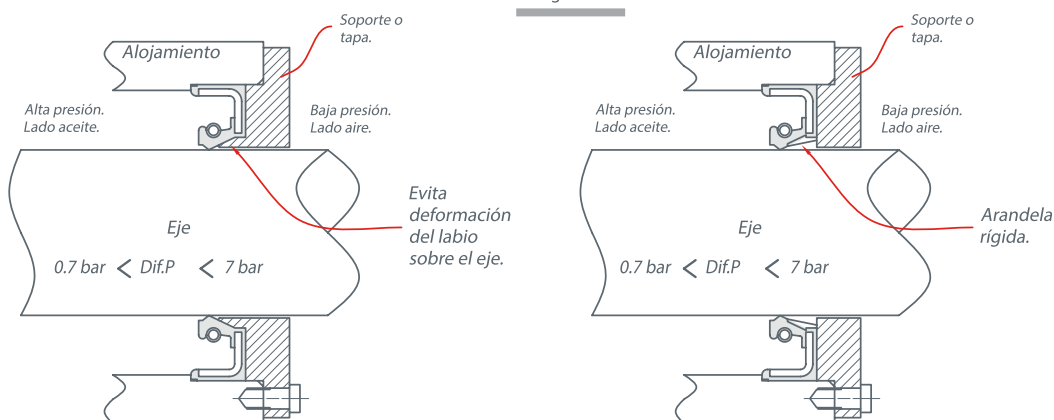


TABLA DE COMPORTAMIENTOS DE MATERIALES

Las clasificaciones de compatibilidad en este cuadro son de aplicación solamente dentro de la gama de temperaturas especificadas para su funcionamiento.

Siglas Internacionales Colores y Tonos característicos de los cauchos de DBH Gama de Temperatura	Acrido Nitrilo NBR Negro (-54° a 107° C)	Silicona MVQ Naranja (-73° a 163° C)	Poliacrílico ACM Marrón Oscuro (-40° a 149° C)	Vitón FPM Marron Claro (-40° a 204° C)
Acetona	D	1	D	D
Acetileno	E	B	D	E
Aceite de motor	E	E	E	E
Agua dulce - salada	E	E	D	E
Amoniaco gaseoso (frío)	E	E	D	D
Amoniaco gaseoso (caliente)	D	E	D	D
Asfalto	B	D	B	E
Azufre	D	1	D	E
Benceno	D	D	D	E
Bencina	E	D	E	E
Acido Borico	E	E	D	E
Butano	E	D	E	E
Butileno	B	D	D	E
Dioxido de carbono	E	B	1	E
Ácido citrico	E	E	1	E
Dioxido de cloro	D	1	D	E
Sulfato de cobre	E	E	D	E
Combustible diesel	E	D	E	E
Soluciones detergentes	E	E	D	E
Dietilenglicol	E	B	B	E
Etano	E	D	E	E
Etanol (alcohol etilico)	E	E	D	1
Etileno	E	1	1	E
Etilenglicol	E	E	1	E
Freón 12	E	D	E	B
Freón 22	D	D	B	D
Acido fosforico (20%)	B	B	1	E
Fuel Oil	E	D	E	E
Gas natural	E	E	B	E
Gasolina	B	D	D	E
Glicerina	E	E	1	E
Hexano	E	D	E	E
Hidrógeno gaseoso	E	1	B	E
Keroseno	E	D	E	E
Solventes para lacas	D	D	D	D
Lubricante ext. Presión EP	B	D	E	E
Metanol (alcohol metilico)	E	E	D	E
Metil etil cetona	D	D	D	D

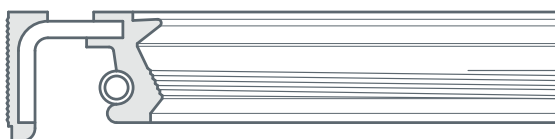
Siglas Internacionales Colores y Tonos característicos de los cauchos de DBH Gama de Temperatura	Acrilo Nitrilo NBR Negro (-54° a 107° C)	Silicona MVQ Naranja (-73° a 163° C)	Poliacrílico ACM Marrón Oscuro (-40° a 149° C)	Vitón FPM Marron Claro (-40° a 204° C)
Nafta	B	D	B	E
Acido Nitrico (diluido)	D	B	D	E
Nitrogeno	E	E	E	E
Oxigeno (frío)	B	E	B	E
Tinner para pintura	D	D	D	B
Alcohol propílico	E	E	D	E
SAE 30	E	E	E	E
SAE 90	E	D	E	E
Acido salicilico	B	1	1	E
Bicarbonato sódico	E	E	1	E
Aceite de soja	E	E	E	E
Acido sulfúrico	1	D	B	E
Toluneo	D	D	D	E
Cloruro de Zinc	E	E	E	E
Sulfato de Zinc	E	E	D	E

E: Excelente B: Bueno D: Deficiente 1: No hay registro

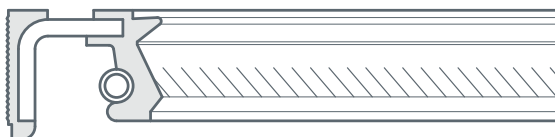
HELICES ROSCAS Y BIDIRECCIONALES

El efecto de retención del labio del reten puede ser reforzado agregando a la zona de contacto con el eje una asistencia hidrodinámica, la cual puede ser diseñada para giros en un solo o en ambos sentidos (Hélices o Bidireccionales respectivamente).

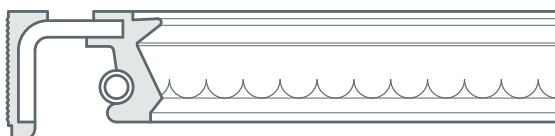
Ante pequeñas pérdidas del fluido a retener que logran transponer la zona de sellado del labio de retención, las mismas son rebombeadas hacia la zona de la cual no debe escapar.



ROSCA
Dependiendo del sentido de giro del eje, las mismas pueden ser horarias o antihorarias.



HÉLICE
Dependiendo del sentido de giro del eje, las mismas pueden ser horarias o antihorarias.



BIDIRECCIONAL
Independientemente del sentido de giro del eje, este se puede utilizar para ambos sentidos (Horario y antihorario)

MÉTODOS DE INSTALACION

La instalación del retén en forma incorrecta es una de las principales causas de pérdidas prematuras de fluido.

Para facilitar la instalación, el labio del retén deberá ser lubricado con grasa, aceite o con el fluido a retener.

La lubricación del labio además permitirá que el mismo no se desgaste de manera prematura por la fricción inicial del eje.

Coloque una protección sobre el eje si en este existen chaveteros o marcas por donde deba pasar el retén. Una cinta o vaina puede ser de gran utilidad.

No coloque ningún tipo de adhesivo sobre el diámetro exterior ya

que este puede dañar el material del retén.

Dentro de lo posible se recomienda el uso de una herramienta de instalación.

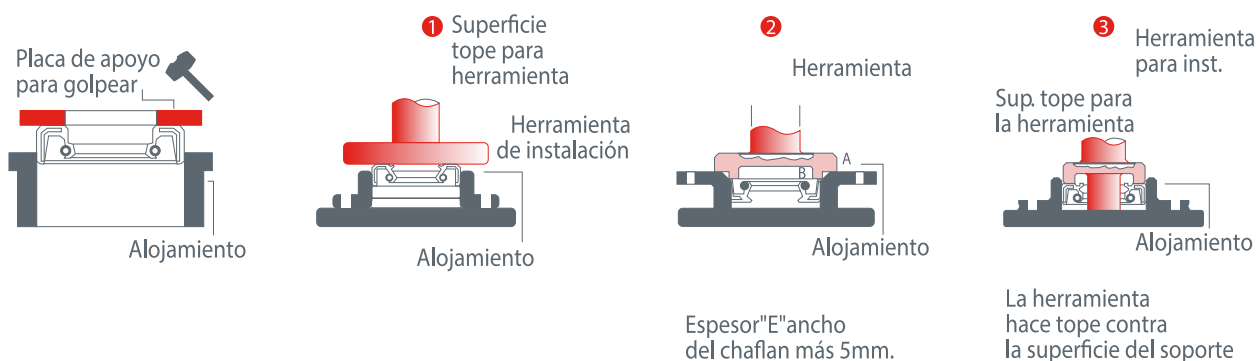
El uso de herramientas evitan daños sobre el retén (deformaciones), sobre los alojamiento y además impiden la instalación desalineada de las piezas.

La figura 7 describe métodos correctos e incorrectos de instalación DBH sugiere que al momento de instalar las piezas se verifiquen las condiciones del eje, del alojamiento y se procure contar con las herramientas adecuadas.

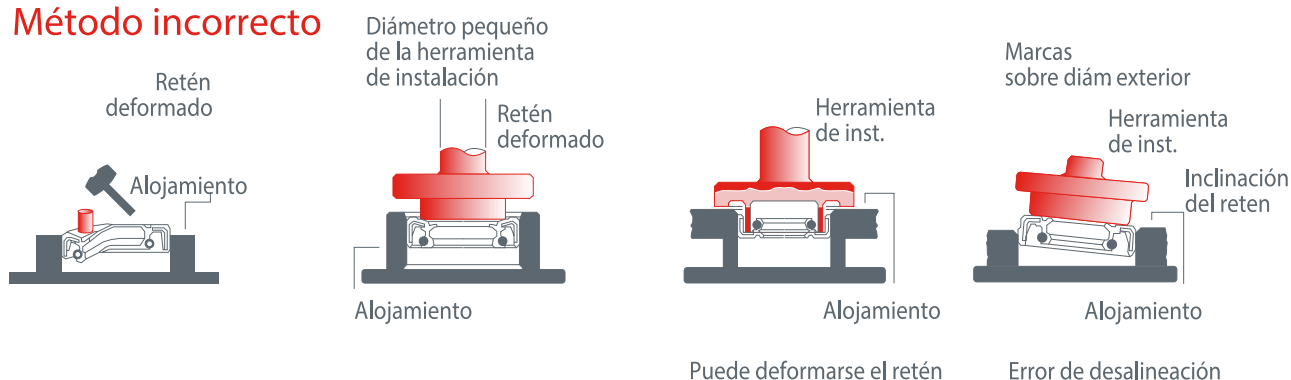
Figura 7

Método correcto

- 1 El $\varnothing$ de la herramienta debe ser 0,5 a 1 mm mas grande que el $\varnothing$ exterior del reten.
- 2 Para este tipo de herramientas hay que considerar dos $\varnothing$.
El que toca con el alojamiento (A) debe ser 0,5 a 1 mm mas grande que el $\varnothing$ exterior del reten
El que empuja al reten (B) debe ser 0,5 a 1 mm mas chico que el alojamiento .
- 3 Herramienta con tope .
Aquí la herramienta no permite empujar el reten mas de lo adecuado ya que la misma hace tope contra la superficie del soporte.
El $\varnothing$ de la herramienta debe ser 0,5 a 1 mm mas chico que el $\varnothing$ del alojamiento.



Método incorrecto



Tipo "K",

blindados y rectificados



Kz
Simple labio
con resorte



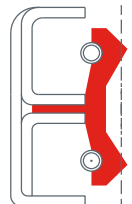
Kx
Doble labio
con un resorte



Kt
Simple labio
sin resorte



Kp
Filtro sintético
con resorte



Kr
Doble labio
con dos resortes



Ks
Doble Labio
sin resorte

Tipo "L",

sintéticos



Lz
Simple labio
con resorte



Lx
Doble labio
con un resorte



Lt
Simple labio
sin resorte



Ls
Doble labio
sin resorte



Lr
Doble labio
con dos resortes

Tipo "LM",

sintéticos / rectificados



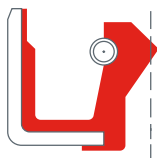
LMz
Simple labio
con resorte



LMx
Doble labio
con un resorte

Tipo "M",

rectificados



Mz
Simple labio
con resorte



Mx
Doble labio
con un resorte



Mt
Simple labio
sin resorte

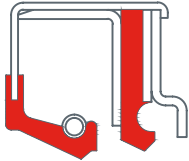
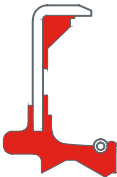
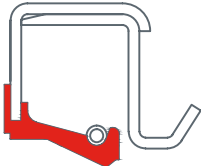
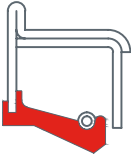
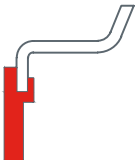
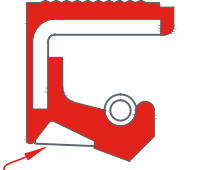
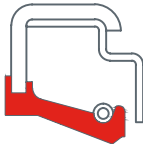
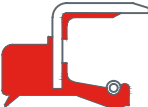
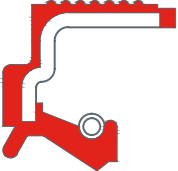
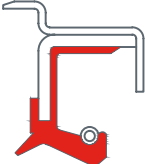
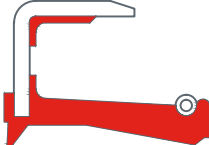
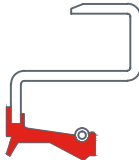
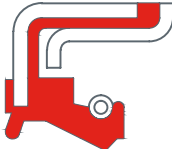
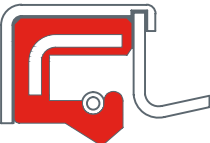


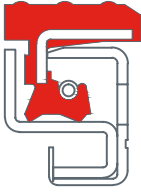
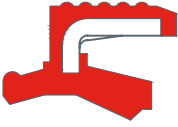
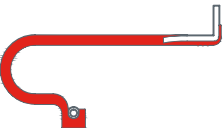
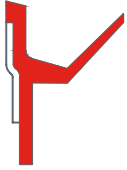
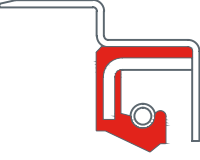
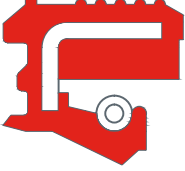
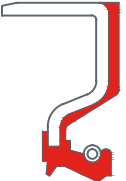
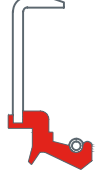
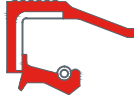
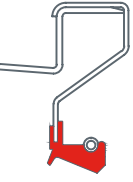
Ms
Doble labio
sin resorte



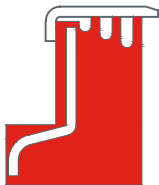
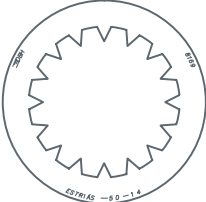
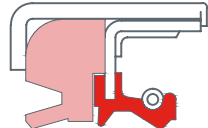
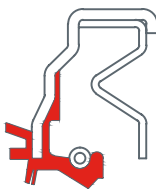
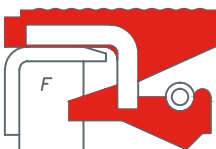
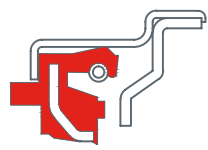
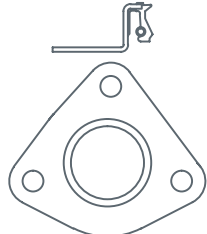
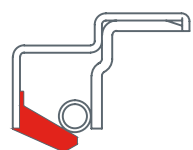
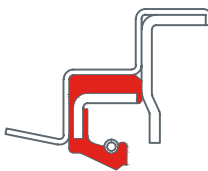
Mr
Doble labio
con dos resortes

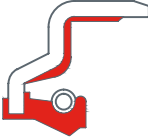
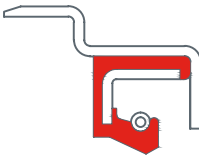
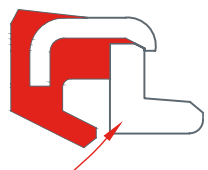
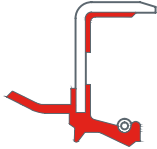
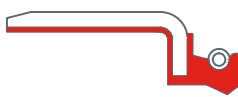
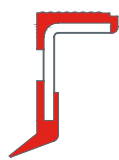
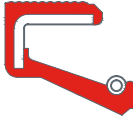
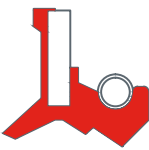
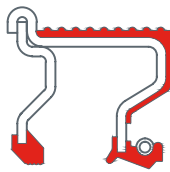
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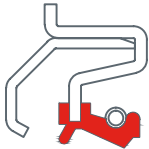
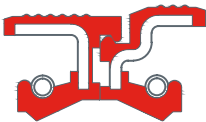
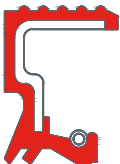
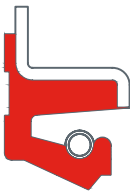
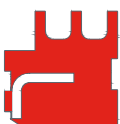
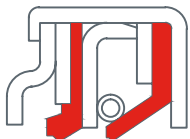
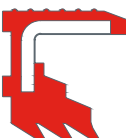
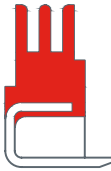
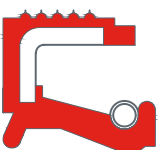
				
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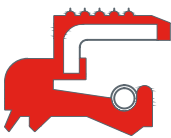
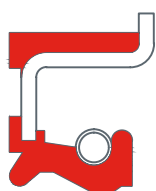
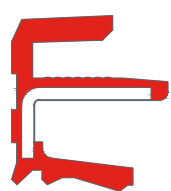
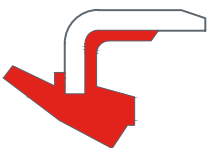
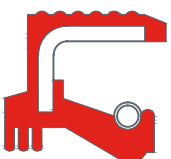
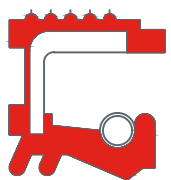
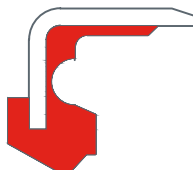
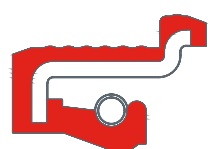
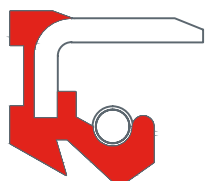
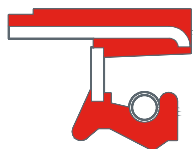
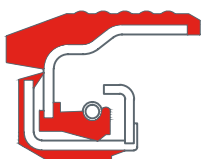
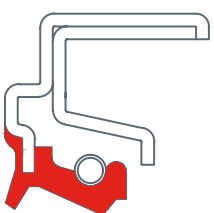
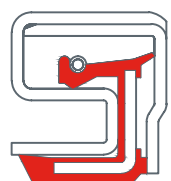
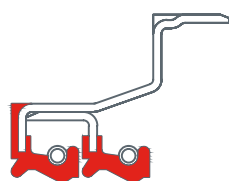
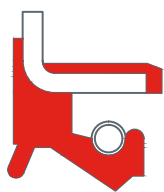
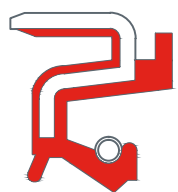
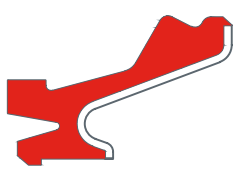
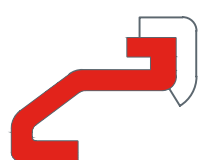
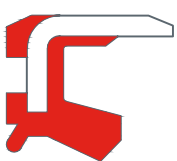
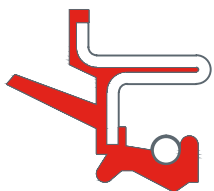
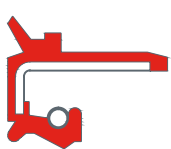
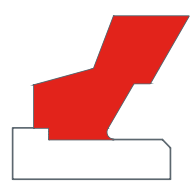
DISEÑOS ESPECIALES 3

				
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A066	A067	A068	A069	A070
				
A071	A072	A073	A074	A075
				
A076	A077	A078	A079	A080
				
A081	A082	A083	A084	A085
				
A086	A087	A088	A089	A090

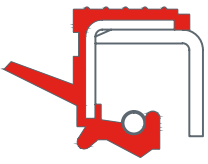
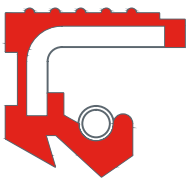
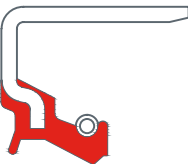
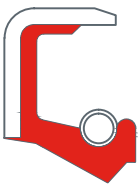
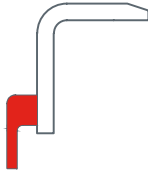
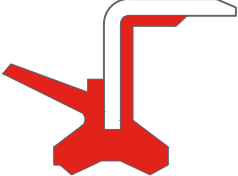
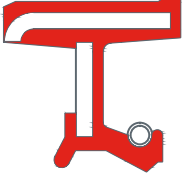
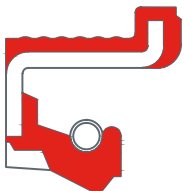
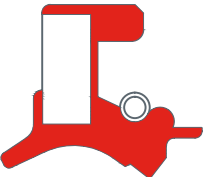
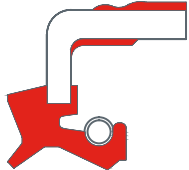
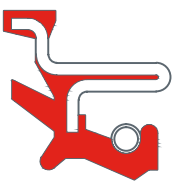
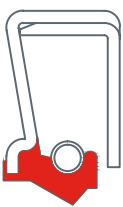
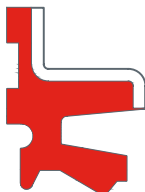
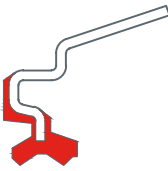
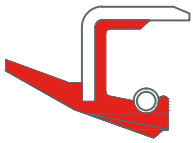
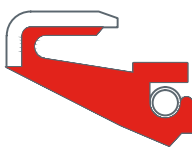
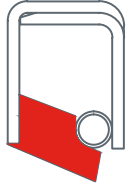
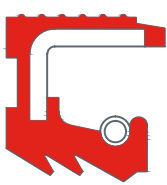
				
A091	A092	A093	A094	A095
	 <i>Baquelita</i> A097			
A096	A097	A098	A099	A100
				
A101	A102	A103	A104	A105
				
A106	A108	A109	A110	A111
				
A112	A113	A114	A115	A116
				
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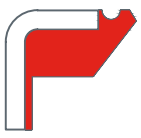
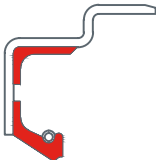
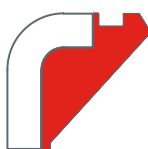
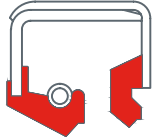
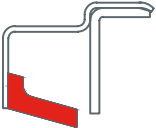
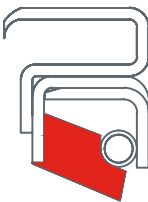
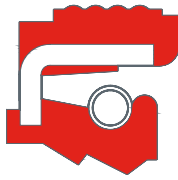
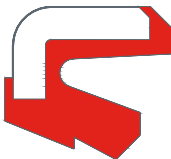
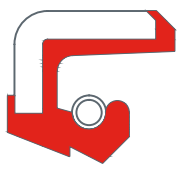
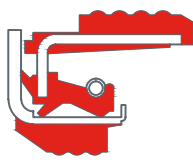
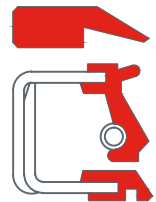
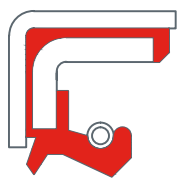
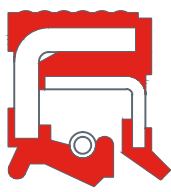
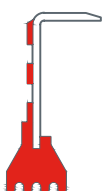
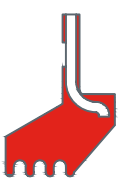
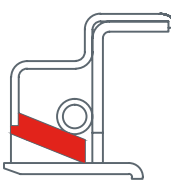
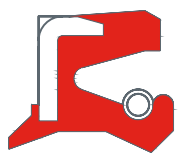
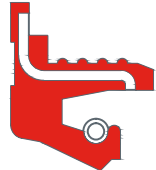
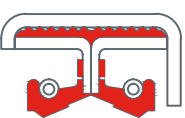
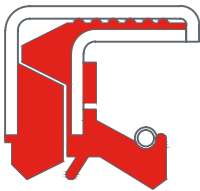
DISEÑOS ESPECIALES 5

				
A122	A123	A124	A125	A126
				
A127	A128	A129	A130	A131
				
A132	A133	A134	A135	A136
				
A137	A138	A139	A140	A141
				
A142	A143	A144	A145	A146
				
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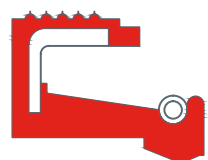
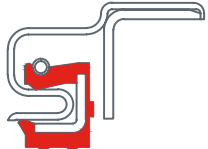
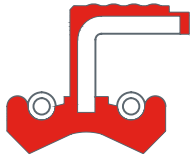
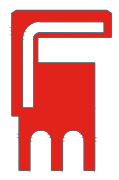
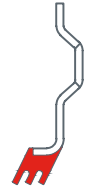
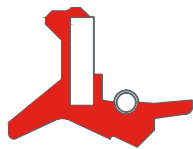
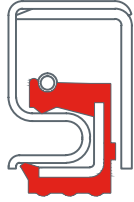
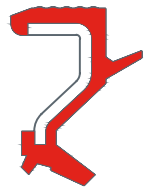
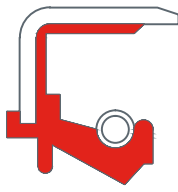
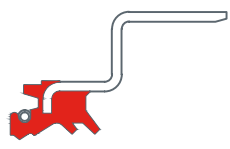
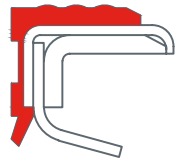
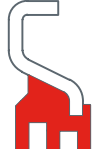
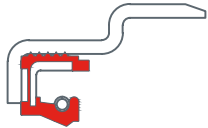
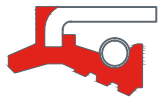
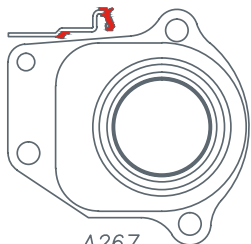
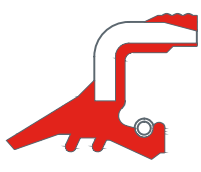
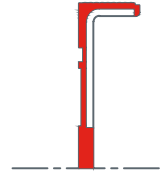
				
A152	A153	A154	A155	A156
				
A157	A158	A159	A160	A161
				
A162	A163	A164	A165	A166
				
A167	A168	A169	A170	A171
				
A172	A173	A174	A175	A176
				
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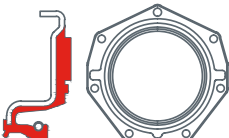
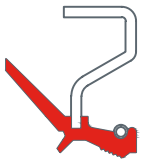
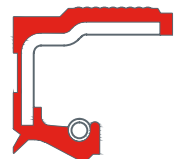
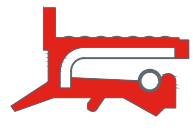
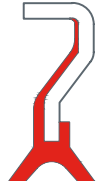
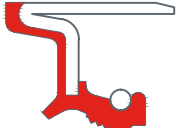
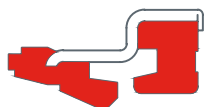
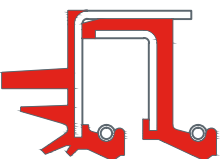
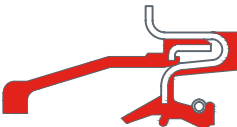
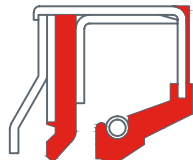
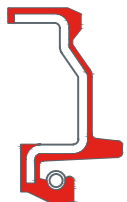
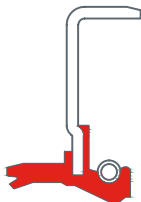
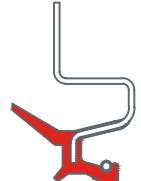
DISEÑOS ESPECIALES 7

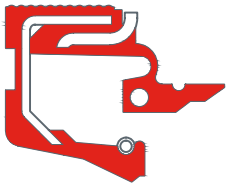
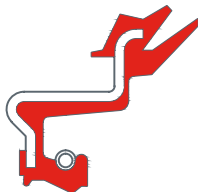
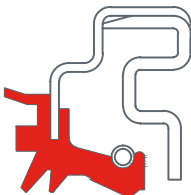
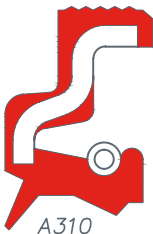
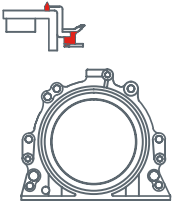
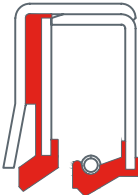
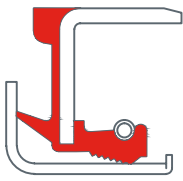
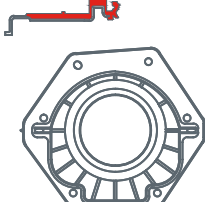
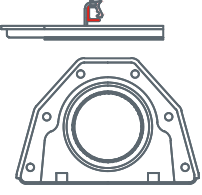
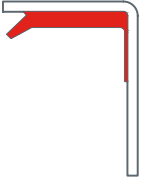
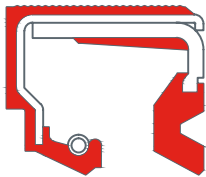
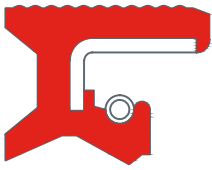
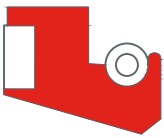
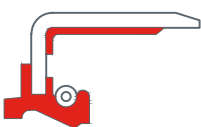
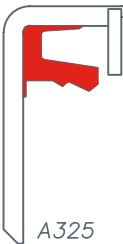
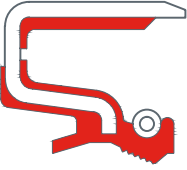
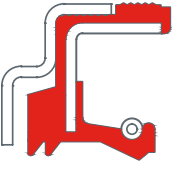
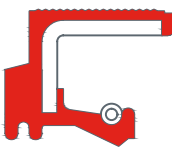
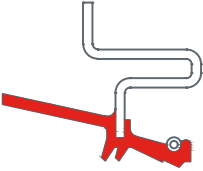
				
A182	A183	A184	A185	A186
				
A187	A188	A189	A190	A191
				
A192	A193	A194	A195	A196
				
A197	A198	A199	A200	A201
				
A202	A203	A204	A205	A206
				
A207	A208	A209	A210	A211

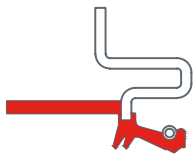
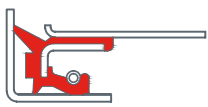
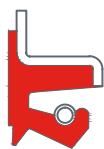
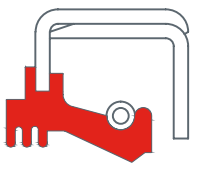
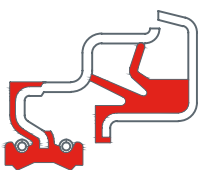
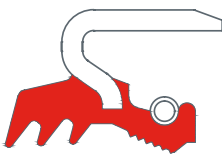
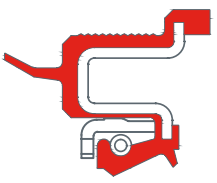
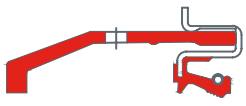
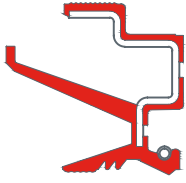
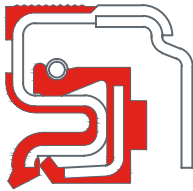
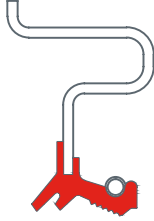
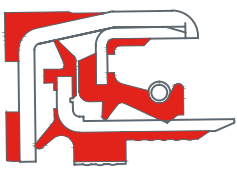
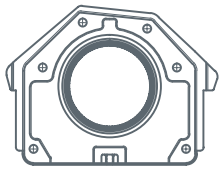
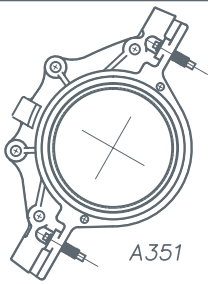
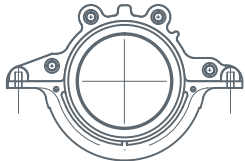
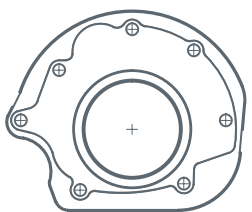
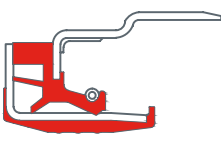
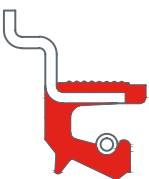
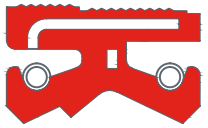
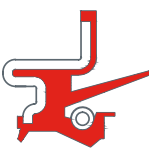
				
A212	A213	A214	A215	A216
				
A217	A218	A219	A220	A221
				
A222	A223	A224	A225	A226
				
A227	A228	A229	A230	A231
				
A232	A233	A234	A235	A236
				
A237	A238	A239	A240	A241

DISEÑOS ESPECIALES 9

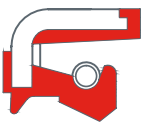
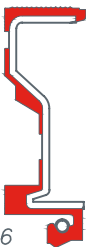
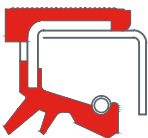
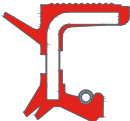
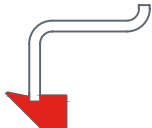
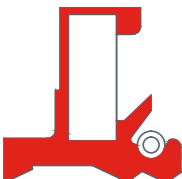
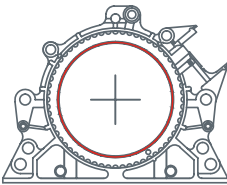
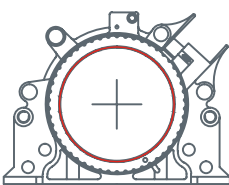
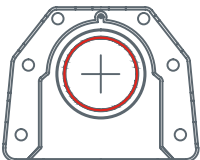
				
				
				
				
				
				

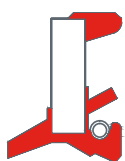
				
A272	A273	A274	A275	A276
				
A277	A278	A279	A280	A281
				
A282	A283	A284	A285	A286
				
A287	A288	A289	A290	A291
				
A292	A293	A294	A295	A296
				
A297	A298	A299	A300	A301

				
A302	A303	A304	A305	A306
				
A307	A308	A309	A310	A311
				
A312	A313	A314	A315	A316
				
A317	A318	A319	A320	A321
				
A322	A323	A324	A325	A326
				
A327	A328	A329	A330	A331

				
A332	A333	A334	A335	A336
				
A337	A338	A339	A340	A341
				
A342	A343	A344	A345	A346
				
A347	A348	A349	A350	A351
				
A352	A353	A354	A355	A356
				
A357	A358	A359	A360	A361

DISEÑOS ESPECIALES 13

				
A362	A363	A364	A365	A366
				
A367	A368	A369	A370	A371
				
A372	A373	A374	A375	A376
				
A377	A378	A379	A380	A381
				
A382	A383	A384	A385	A386
				
A387	A388	A389	A390	A391



A392



A393



A394



A395



A396



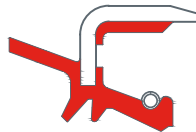
A397



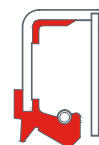
A398



A399



A400



A401



A402



A403



A404



A405



A406



A407



A408



A409



A410



A411



A412



A413



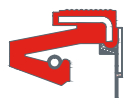
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A415



A416



A417



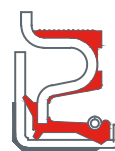
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A419



A420



A421



A422



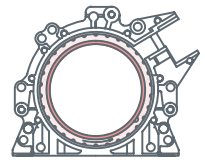
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A424



A425



A426



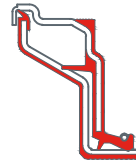
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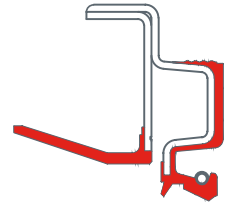
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A429



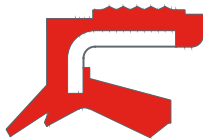
A430



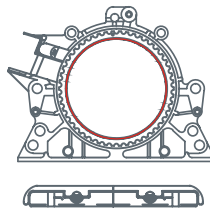
A431



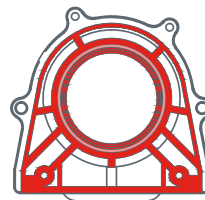
A432



A433



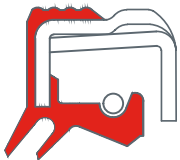
A434



A435



A436



A437

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
--	20.00	8.00	1320	A 378		NBR
--	24.00	7.00	1321	A 378		NBR
--	26.00	6.50	1160	A 378		NBR
--	28.00	5.00	1322	A 378		NBR
--	28.00	7.00	1174	A 378		NBR
--	30.00	7.00	1323	A 378		NBR
--	30.00	8.00	1161	A 378		NBR
--	32.00	6.00	1162	A 378		NBR
--	32.00	7.00	1324	A 378		NBR
--	35.00	6.00	1325	A 378		NBR
--	35.00	8.00	1163	A 378		NBR
--	35.00	9.00	1326	A 378		NBR
--	37.00	7.00	1327	A 378		NBR
--	37.00	10.00	1164	A 378		NBR
--	40.00	7.00	1165	A 378		NBR
--	40.00	10.00	1328	A 378		NBR
--	42.00	7.00	1175	A 378		NBR
--	42.00	8.00	1329	A 378		NBR
--	42.00	10.00	1330	A 378		NBR
--	42.50	9.00	9644	A 271		NBR
--	45.00	8.00	1331	A 378		NBR
--	46.00	10.00	1332	A 378		NBR
--	47.00	4.50	1334	A 378		NBR
--	47.00	6.50	1166	A 378		NBR
--	47.00	7.00	1335	A 378		NBR
--	47.00	8.00	1336	A 378		NBR
--	47.00	10.00	1333	A 378		NBR
--	50.00	8.00	1337	A 378		NBR
--	52.00	7.00	1176	A 378		NBR
--	52.00	9.00	1338	A 378		NBR
--	52.00	10.00	1167	A 378		NBR
--	55.00	10.00	1339	A 378		NBR
--	56.00	7.00	1356	A 378		NBR
--	57.00	10.50	9643	A 271		NBR
--	60.00	8.00	1341	A 378		NBR
--	60.50	8.00	1358	A 378		NBR
--	60.50	12.70	1173	A 378		NBR
--	62.00	7.00	1343	A 378		NBR
--	62.00	8.00	1168	A 378		NBR
--	62.00	10.00	1342	A 378		NBR
--	63.53	7.90	1177	A 378		NBR
--	65.00	10.00	1344	A 378		NBR
--	68.00	8.50	1345	A 378		NBR
--	69.85	8.00	1234	A 378		NBR
--	70.00	10.00	1346	A 378		NBR
--	72.00	8.00	1308	A 378		NBR
--	72.00	9.00	1242	A 378		NBR
--	72.00	10.00	1307	A 378		NBR
--	75.00	10.00	1309	A 378		NBR
--	80.00	10.00	1178	A 378		NBR
--	80.00	12.00	1310	A 378		NBR
--	85.00	10.00	1347	A 378		NBR
--	85.00	12.00	1169	A 378		NBR
--	90.00	8.00	1312	A 378		NBR
--	90.00	10.00	1311	A 378		NBR
--	90.00	12.00	1348	A 378		NBR
--	92.00	10.00	1313	A 378		NBR
--	100.00	10.00	1314	A 378		NBR
--	100.00	12.00	1170	A 378		NBR
--	100.0/108	18.00	1276	A 416		NBR
--	110.00	10.00	1315	A 378		NBR
--	110.00	12.00	1171	A 378		NBR
--	120.00	12.00	1349	A 378		NBR
--	125.00	12.00	1351	A 378		NBR
--	130.00	10.00	1316	A 378		NBR
--	130.00	12.00	1172	A 378		NBR
--	130.00	13.00	1350	A 378		NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
--	140.00	12.00	1352	A 378		NBR
--	140.00	15.00	1353	A 378		NBR
--	150.00	15.00	1354	A 378		NBR
--	160.00	15.00	1355	A 378		NBR
--	170.00	10.00	1317	A 378		NBR
--	180.00	15.00	1318	A 378		NBR
4.80	14.30	6.50	8137	Lt	L	NBR
.	22.00	7.00	8257	Ls	L	NBR
5.00	15.00	4.00	8857	Lx	L	NBR
.	16.00	6.00	9319	Lx	L	NBR
5.50	16.00	8.00	9240	A 142	L	NBR
.	--	13.50	6794	A 176	L	NBR
5.55	25.32	4.76	6193	Lt	L	NBR
6.00	11.00	4.00	8856	Ls	L	NBR
.	16.00	6.00	8858	Lx	L	NBR
.	16.00	7.00	8859	Lx	L	NBR
.	19.00	7.00	8862	Lx	L	NBR
.	19.14	6.15	9479	Lz	L	DUREZA85
.	20.00	7.00	8863	Lx	L	NBR
.	22.00	7.00	8864	Lx	L	NBR
.	22.00	8.00	8865	Lx	L	NBR
6.34	19.00	6.15	6195	Lz	L	NBR
6.35	19.05	5.55	6197	Lt	L	NBR
7.00	16.00	7.00	8860	Lx	L	NBR
.	20.00	7.00	9326	Lx	L	NBR
.	22.00	7.00	8866	Lx	L	NBR
7.90	14.30	5.00	8172	Lt	L	NBR
.	14.60	5.00	8063	Lt	L	NBR
.	16.00	6.00	6898	Lz	L	NBR
7.93	16.00	4.36	5814	Lt	L	NBR
.	19.70	6.35	6201	Lz	L	NBR
.	25.37	9.52	5430	Lz	L	NBR
8.00	14.00	3.00	8726	Lz	L	NBR
.	14.00	4.00	9998	Mz	L	FPM
.	16.00	6.00	9706	Mt	L	NBR
.	16.00	7.00	5815	Lx	L	NBR
.	17.00	7.00	8861	Lx	L	NBR
.	17.45	8.00	8671	Mz	L	NBR
.	18.00	4.50	6202	Lt	L	NBR
.	18.00	7.00	9026	Lx	L	NBR
.	19.00	5.00	8389	Lt	L	NBR
.	19.00	7.00	9029	Lx	L	NBR
.	20.00	7.00	9030	Lx	L	NBR
.	22.00	7.00	9036	Lx	L	NBR
.	24.00	7.00	9332	Lx	L	NBR
.	25.00	7.00	9044	Lx	L	NBR
8.40	16.00	6.50	6204	Lz	L	NBR
9.00	15.00	4.00	9865	Ls	L	NBR
.	22.00	7.00	9037	Lx	L	NBR
.	22.00	10.00	9038	Lx	L	NBR
.	24.00	7.00	9336	Lx	L	NBR
.	26.00	7.00	9327	Lx	L	NBR
.	30.00	7.00	9056	Lx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
9.30	26.00	11.00	8733	Lx	L	DUREZA85
9.50	16.00	4.00	8260	Ls	L	NBR
9.52	19.05	5.55	6206	Lz	L	NBR
.	19.05	6.35	9571	Mx	L	NBR
.	25.37	9.52	6208	Lt	L	NBR
9.53	19.05	6.35	8494	Lz	L	NBR
9.55	19.30	6.00	9980	A 362	L	NBR
10.00	16.00	4.00	8883	Lx	L	NBR / ACM
.	16.00	6.00	9705	Mt	L	NBR
.	18.00	5.00	9027	Lx	L	NBR
.	18.00	7.00	9028	Lx	L	NBR
.	19.00	6.50	8039	Lz	L	NBR
.	19.00	7.00	6210	Lx	L	NBR
.	20.00	5.00	8837	Lx	L	NBR
.	20.00	6.00	9031	Lx	L	NBR / ACM
.	20.00	7.00	9032	Lx	L	NBR
.	21.00	7.00	9035	Lx	L	NBR
.	22.00	5.00	5819	Lx	L	NBR
.	22.00	7.00	9039	Lx	L	NBR
.	22.00	8.00	5816	Lz	L	NBR / MVQ / FPM
.	24.00	7.00	6211	Lx	L	NBR
.	24.00	8.00	9814	A 090	L	NBR
.	25.00	7.00	9045	Lx	L	NBR
.	26.00	8.00	8277	Lx	L	NBR
.	30.00	7.00	9057	Lx	L	NBR
10.80	20.00	9.00	9239	Lx	L	NBR
11.00	17.00	4.00	6174	Lt	L	NBR
.	17.00	4.00	9322	Ls	L	NBR
.	18.00	5.00	6212	Lt	L	NBR
.	22.00	7.00	9344	Lx	L	NBR
.	26.00	7.00	9348	Lx	L	NBR
.	30.00	7.00	9333	Lx	L	NBR
.	30.00	10.00	5131	Lx	L	NBR
.	35.00	7.00	9068	Lx	L	NBR
11.11	25.37	9.52	5431	Lz	L	NBR
11.12	22.22	9.52	9573	Mx	L	NBR
11.50	24.00	10.00	8778	Lx	L	NBR
.	27.00	7.50	9627	A 263	L	NBR
11.75	32.40	8.0/12.0	1267	A 420	L	FPM
11.80	24.00	6.00	9467	Lx	L	NBR
11.90	24.00	6.00	9487	Lx-R	H	FPM
12.00	17.00	3.50	6218	Lt	L	NBR
.	17.00	5.00	9334	Ls	L	NBR
.	18.00	4.00	9996	Ls	L	NBR
.	18.10	3.70	6219	Lt	L	NBR
.	19.00	4.50	6905	Lt	L	NBR
.	19.00	7.00	9306	Ls	L	NBR
.	20.00	4.00	9707	Mt	L	NBR
.	20.00	5.00	9351	Ls	L	NBR
.	20.00	7.00	9034	Lx	L	NBR
.	20.00	8.00	9033	Lx	L	NBR
.	20.00	9.0/11.0	9661	A 276	L	NBR
.	21.00	4.00	9774	Lx	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
12.00	22.00	5.00	8867	Lx	L	NBR
.	22.00	6.00	8188	Lx	L	NBR
.	22.00	7.00	5818	Lx	L	NBR / MVQ / FPM
.	24.00	5.00	9781	Lx	L	NBR
.	24.00	6.00	9782	Lx	L	NBR
.	24.00	7.00	9160	Lx	L	NBR
.	24.00	10.00	9254	Lx	L	NBR
.	25.00	5.00	8838	Lz	L	NBR
.	25.00	7.00	9046	Lx	L	NBR / MVQ
.	25.40	8.00	8738	Lx	L	NBR / MVQ
.	26.00	8.00	6220	Lx	L	NBR / FPM
.	27.50	5.7/10.7	1155	A 372	L	DUREZA85
.	28.00	7.00	9309	Lx	L	NBR
.	28.00	7.00	9850	A 231	L	FPM
.	30.00	8.00	5136	Lx	L	NBR
.	30.00	8.0/13.0	5137	A 245	L	NBR
.	32.00	7.00	5319	Lx	L	NBR
.	35.00	7.00	9069	Lx	L	NBR
.	36.00	7.00	9297	Lx	L	NBR
12.30	32.00	7.85	6784	Lx	L	NBR
12.50	20.00	5.00	8683	Lz	Bidi	ACM / FPM
.	22.50	6.00	9853	Lx	L	FPM
.	25.53	5.78	6221	Lz	L	NBR
.	--	--	8496	A 147	L	DUREZA85
12.70	19.10	3.00	6709	Lt	L	NBR
.	22.20	8.00	9742	Mz	L	ACM
.	25.35	6.40	9741	Mx	L	NBR
.	25.37	6.35	5432	Lx	L	NBR
.	25.37	9.52	5433	Lz	L	NBR
.	25.40	6.50	8110	Lz-R	AH	ACM
.	28.50	7.00	8160	Lx	L	NBR
.	28.55	6.35	5497	Mz	L	NBR
.	28.55	9.52	5443	Lz	L	NBR
.	31.75	9.52	5755	Lx	L	NBR
.	31.95	9.52	5320	Lz	L	NBR
.	34.93	6.35	1319	Mz	L	NBR
13.00	20.00	5.00	8477	Mx	L	NBR
.	22.00	5.00	8776	Lx	L	NBR
.	24.00	6.00	9470	Lx	L	NBR
.	25.00	7.00	8781	Lx	L	NBR
.	26.00	7.00	9284	Lx	L	NBR
.	26.05	9.00	6140	Lx	L	NBR
.	27.00	5.00	8245	Lt	L	NBR
.	27.00	7.00	9356	Lx	L	NBR
.	27.00	7.50	8094	Lz	L	NBR
.	28.00	7.00	6226	Lx	L	NBR
.	29.00	9.00	9054	Lx	L	NBR
.	30.00	6.00	9058	Lx	L	NBR
.	30.00	13.00	9320	Lx	L	NBR
.	--	15.50	9834	A 317	L	NBR
13.40	25.30	9.52	6728	Lx	L	NBR
13.50	28.50	7.00	8231	Lz	L	NBR
14.00	20.00	3.00	9780	Lt	L	NBR
.	22.00	4.00	6122	Lt	L	NBR
.	22.00	4.00	8868	Lx	L	NBR / ACM
.	22.00	7.00	9040	Lx	L	NBR
.	24.00	5.50	9041	Lx	L	NBR
.	24.00	5.5/8.5	6227	A 117	L	NBR
.	24.00	6.00	8318	Lx	L	NBR
.	24.00	7.00	8817	Lx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
14.00	24.00	8.00	6670	A 029	L	NBR
.	24.05	8.50	9043	Lx	L	NBR
.	25.00	7.00	9047	Lx	L	NBR
.	26.00	5.00	6228	Ls	L	NBR
.	26.00	7.00	9924	Lx-R	H	FPM
.	26.00	8.00	8195	Lx	L	NBR
.	28.00	7.00	8320	Lx	L	NBR
.	29.00	7.00	9055	Lx	L	NBR
.	30.00	7.00	9059	Lx	L	NBR
.	30.00	10.00	9060	Lx	L	NBR
.	32.00	7.00	8065	Lx	L	NBR
.	32.00	10.00	9064	Lx	L	NBR
.	35.00	8.00	5245	Lx	L	NBR
.	35.00	8.00	8284	Lz	L	NBR
.	35.00	8.00	9071	Lx	L	NBR
.	35.00	10.00	9070	Lx	L	NBR
.	42.00	9.80	9199	A 120	L	DUREZA85
.	50.90	45.80	8454	A 037	L	NBR
14.20	28.55	13.50	9712	Ms	L	NBR
14.25	23.80	7.00	6681	Lz	L	NBR
.	24.00	7.00	6805	Lz	L	NBR
15.00	21.00	3.00	1151	Lt	L	NBR
.	22.00	4.50	8230	Ls	L	NBR
.	23.00	5.00	9956	Lx	L	NBR
.	24.00	5.00	8167	Lz	L	NBR
.	24.00	7.00	5074	Lx	L	NBR
.	24.00	7.00	8049	Lx	L	NBR / MVQ
.	25.00	6.00	5434	Lz	L	NBR / MVQ
.	25.00	6.00	6729	Lx	L	NBR
.	25.50	7.00	8259	Lx	L	NBR
.	26.00	5.00	9587	Mx	L	ACM / FPM
.	26.00	7.00	6229	Lx	L	NBR
.	27.00	6.00	1202	Mx	L	ACM/FPM
.	28.00	6.00	5123	Lx	L	NBR / ACM / MVQ
.	30.00	4.50	6231	Lx	L	NBR / FPM
.	30.00	6.35	8023	Mx	L	NBR / ACM
.	30.00	7.00	5078	Lz	L	NBR / MVQ
.	30.00	7.00	5138	Lx	L	NBR / FPM
.	30.00	7.00	9913	A 231	L	FPM
.	30.00	10.00	5139	Lx	L	NBR
.	31.00	2.50	6232	Lz	L	NBR
.	32.00	7.00	8298	Lx	L	NBR / MVQ
.	32.00	7.00	8493	Lz	L	NBR
.	32.00	7.5/8.5	9556	A 231	L	FPM
.	35.00	5.00	5611	Mt	L	NBR
.	35.00	6.50	6747	Mx	L	NBR
.	35.00	7.00	9072	Lx	L	NBR
.	35.00	7.50	5758	Mz	L	NBR
.	35.00	7.50	6233	Lx	L	NBR
.	35.00	8.00	5246	Lz	L	NBR / MVQ
.	35.00	8.00	8482	Lx	L	NBR
.	35.00	8.00	9496	A 100	L	DUREZA85
.	35.00	10.00	5121	Lx	L	NBR / MVQ
.	37.00	2.50	5161	Lt	L	NBR
.	38.00	7.00	9087	Lx	L	NBR
.	39.65	6.35	6745	Mx	L	NBR
15.50	25.30	6.75/8.50	1366	A 433	L	NBR
.	28.70	8.50	9237	Lz	L	FPM
15.60	24.00	7.00	8447	Lx	L	NBR
.	25.50	7.00	8798	Lx	L	NBR
15.70	42.10	3.3/10.0	9252	A 119	L	DUREZA85



Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
15.77	25.41	5.20	5931	Lz	L	NBR
.	22.50	6.00	6906	A 175	L	NBR
.	23.80	4.70	5930	Lt	L	NBR
.	25.40	4.75	6780	Lz	L	NBR
.	25.42	3.17	6236	Lt	L	NBR
.	27.20	6.35	6237	Lt	L	NBR
.	28.50	12.70	9708	Ks	L	NBR
.	28.55	5.00	8170	Mz	L	NBR
.	28.55	5.50	8165	Lz	L	NBR
.	28.55	9.52	1007	Mz	L	DUREZA85
.	28.55	9.52	5444	Lx	L	NBR / FPM
.	28.78	9.52	5820	Lr	L	NBR
.	30.06	6.35	6238	Ls	L	NBR
.	31.75	7.92	1032	Mz	L	DUREZA85
.	31.75	9.52	6239	Lz	L	NBR
.	35.02	9.52	6241	Lz	L	NBR
.	35.02	9.52	8397	Lt	L	NBR
.	38.07	9.52	5258	Lz	L	NBR
15.90	25.35	6.40	9740	Mx	L	NBR
.	30.00	6.00	8729	Mx	L	NBR
.	36.50	8.75	9966	Lr	L	NBR
15.92	38.49	6.50	9990	Mx	L	FPM
16.00	22.00	4.00	6822	Ls	L	NBR
.	22.80	4.80	6886	Lt	L	NBR
.	23.50	30.00	1275	A 422	L	NBR
.	24.00	3.50	6242	Lt	L	NBR
.	24.00	7.00	9042	Lx	L	NBR
.	25.00	5.00	8869	Lx	L	NBR
.	25.00	5.5/8.5	9957	A 356	L	NBR
.	25.00	6.00	5435	Lx	L	NBR / FPM
.	25.00	7.00	9048	Lx	L	NBR
.	26.00	5.00	8390	Lx	L	NBR
.	26.00	9.0/20.0	6793	A 028	L	NBR
.	26.0/36.0	12.00	8275	A 082	L	NBR
.	28.00	7.00	5498	Lx	L	NBR
.	28.00	7.5/15.5	9273	A 165	L	NBR
.	29.0/51.0	7.80	8131	A 084	L	NBR
.	29.90	7.30	8811	Lx	L	NBR
.	30.00	7.00	9061	Lx	L	NBR
.	30.00	8.00	9783	Lx	L	NBR
.	30.00	10.00	9062	Lx	L	NBR
.	30.0/42.0	11.30	9955	A 355	L	NBR
.	32.00	7.00	9065	Lx	L	NBR
.	35.00	7.00	9314	Lx	L	NBR
.	35.00	12.00	8111	A 094	L	NBR
.	35.00	12.00	9073	Lx	L	NBR
.	40.00	8.00	9090	Lx	L	NBR
16.50	30.00	7.00	5140	Lz	L	NBR
16.89	29.00	8.00	9994	A 364	L	DUREZA85
17.00	23.00	4.00	8210	Lt	L	NBR
.	23.00	4.0/7.0	9190	A 118	L	NBR
.	24.00	4.00	6907	A 051	L	NBR
.	24.00	5.00	8479	Mx	L	NBR
.	24.00	5.00	1291	Mt	L	NBR
.	25.00	3.50	1246	Lt	L	NBR
.	25.00	3.70	9988	Lz	L	NBR
.	25.00	4.00	8256	Lt	L	NBR
.	25.00	4.00	9476	Lx	L	NBR
.	25.00	7.00	9049	Lx	L	NBR
.	27.00	5.00	8785	Lx	L	NBR
.	27.00	6.00	9050	Lx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
17.00	28.00	5.00	8297	Mx	L	NBR
.	28.00	5.0/8.0	5089	A 081	L	NBR
.	28.00	6.00	8694	Lz	L	NBR
.	28.00	6.00	9530	Mr	L	NBR
.	28.00	7.00	5085	Lz	L	NBR / MVQ
.	28.00	7.00	6245	Lx	L	NBR / MVQ
.	28.00	7.00	9500	Lx-R	H	ACM
.	28.00	7.0/10.0	6736	Mz-R	H	NBR
.	28.00	7.0/11.0	5499	A 239	L	NBR
.	28.00	7.0/12.8	6808	A 117-R	H	NBR
.	28.00	8.00	8465	Lr	L	DUREZA85
.	28.50	6.00	8118	Lx	L	NBR
.	28.50	7.00	9820	Lr	L	DUREZA85
.	29.00	5.00	8780	Lx	L	NBR
.	30.00	5.00	8327	Lx	L	NBR
.	30.00	5.0/8.0	8017	Mr	L	NBR
.	30.00	6.00	5135	Lz	L	NBR / MVQ
.	30.00	6.00	6674	A 115	L	NBR
.	30.00	7.00	5134	Lz	L	NBR / MVQ / FPM
.	30.00	7.00	8270	Lx	L	NBR / MVQ / ACM
.	30.00	7.00	9534	Lr	L	FPM
.	30.0/37.0	8.0/2.0	9847	A 318	L	FPM
.	30.40	6.00	8280	Lx	L	NBR
.	32.00	7.00	8384	Lx	L	DUREZA85
.	32.00	7.00	9636	Lx	L	NBR
.	32.00	8.00	9162	Lr	L	DUREZA85
.	32.00	9.00	5321	Lx	L	NBR / MVQ
.	34.00	4.00	5088	Lx	L	NBR
.	34.00	4.00	1247	Lt	L	NBR
.	35.00	5.00	6246	Lx	L	NBR
.	35.00	5.00	9877	A 090	L	NBR
.	35.00	7.00	5556	Lz	L	NBR / MVQ / FPM
.	35.00	7.00	8166	Lx	L	NBR / MVQ / ACM
.	35.00	7.00	8375	Mx	L	NBR
.	35.00	7.00	9186	Lr	L	NBR / FPM
.	35.00	8.00	5249	Lz	L	NBR / MVQ
.	35.00	10.00	5248	Lz	L	NBR / FPM
.	35.00	10.00	8870	Lx	L	NBR
.	35.00	10.0/13.0	5250	A 135	L	NBR
.	36.00	6.60	9858	Mz-R	H	FPM
.	36.00	7.00	9298	Lx	L	NBR
.	38.00	7.00	9318	Lx	L	NBR
.	40.00	6.00	5050	Lx	L	NBR
.	40.00	7.0/12.0	8364	A 249	L	NBR
.	40.00	8.50	5266	Lz	L	NBR
.	40.00	8.50	6742	Lx	L	NBR / MVQ
.	40.00	8.50	8484	Lx	L	NBR
.	42.00	7.00	9335	Lx	L	NBR
.	45.00	7.00	9321	Lx	L	NBR
.	47.00	8.00	9337	Lx	L	NBR
.	—	3.00	5081	A 007	L	NBR
17.10	28.55	6.35	5501	Mt	L	NBR
17.18	20.43	4.24	6752	A 034	L	NBR
17.45	28.50	7.00	9989	Lr	L	NBR
17.46	27.02	7.30	6651	Lz	L	NBR
.	28.57	12.70	9923	Lr	L	FPM
17.50	28.50	6.00	6643	Lz	L	NBR / MVQ / ACM
.	28.50	7.00	5445	Lx	L	NBR / MVQ
.	35.00	7.00	6744	Lx	L	NBR
17.80	32.15	5.50	8488	Ms	L	DUREZA85



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
18.00	24.00	3.00	9943	Mt	L	NBR
.	26.00	4.50	9226	Lz	L	NBR
.	26.00	6.0/9.5	8283	A 090	L	NBR
.	26.00	7.00	9312	Ls	L	NBR
.	28.00	4.00	9051	Lx	L	NBR
.	28.00	7.00	9052	Lx	L	NBR
.	29.25	8.5/10.5	6868	A 277	L	NBR
.	30.00	6.00	9197	Lz	Bidi	DUREZA85
.	30.00	6.00	9481	Lz	L	ACM / FPM
.	30.00	6.00	9513	Lx	L	DUREZA85
.	30.00	6.4/8.0	9914	A 310	L	NBR
.	30.00	7.00	8272	Lx	L	NBR
.	30.00	7.00	9525	Lx	L	DUREZA85
.	31.75	3.57	5669	Mt	L	NBR
.	32.00	6.00	9852	Lx-R	H	ACM
.	32.00	7.00	8401	Lx	L	DUREZA85
.	32.00	7.00	9641	Lx	L	NBR
.	33.30	8.00	8360	Mx	L	DUREZA85
.	34.00	7.00	9864	A 100	L	DUREZA85
.	34.00	8.00	9950	Mx	L	DUREZA85
.	35.00	7.00	9074	Lx	L	NBR / FPM
.	40.00	7.00	9307	Lx	L	NBR
.	40.00	10.00	6247	Lx	L	NBR
18.40	26.40	3.60	9586	Mx	L	ACM / FPM
18.70	35.00	7.00	9468	A 100	L	DUREZA85
18.75	30.00	5.0/5.5	9940	A 273	L	DUREZA85
18.80	25.80	7.00	6249	Lt	L	NBR
.	27.00	4.76	6866	Lt	L	NBR
.	27.00	7.00	6250	Ls	L	NBR
.	29.30	7.00	9951	A 100	L	DUREZA85
.	31.70	11.00	9738	Mx	L	ACM
19.00	25.37	3.16	5436	Lt	L	NBR
.	25.40	3.20	9739	Mt	L	NBR
.	25.45	10.5/12.5	9611	A 258	L	NBR
.	26.00	7.00	9784	Lx	L	NBR
.	26.19	10.40	5446	A 239	L	NBR
.	27.00	5.00	8391	Lt	L	NBR
.	27.00	6.00	6251	Ls	L	NBR
.	28.58	6.74	5502	Mt	L	NBR
.	28.67	4.76	5503	A 186	L	NBR
.	28.67	5.50	8164	Lz	L	NBR
.	29.10	6.40	8708	Lz	L	NBR
.	30.00	5.50	8779	Lx	L	NBR / ACM
.	30.00	7.00	9316	Lx	L	NBR
.	31.40	8.00	6854	Lx	L	NBR
.	31.73	9.52	5757	Mz	L	NBR
.	31.75	6.35	6256	Lz	L	NBR
.	31.75	6.35	6257	Lx	L	NBR
.	31.75	7.90	5670	Mx	L	NBR
.	31.75	9.52	5756	Mz	L	NBR
.	32.00	3.00	9668	A 283	L	NBR
.	32.00	6.00	9647	A 273	L	DUREZA85
.	32.00	7.00	5090	Lx	L	NBR / MVQ / ACM
.	32.00	7.00	8322	Lx	L	DUREZA85
.	33.06	6.50	8197	Ls	L	NBR
.	33.22	9.50	5484	Lx	L	NBR
.	33.30	7.80	8090	Mx-R	H	NBR
.	33.30	7.80	8387	Lx	L	DUREZA85
.	33.30	7.92	1047	Mx	L	NBR
.	33.80	12.20	8095	A 138	L	NBR
.	34.50	3.90/6.10	9824	A 310	L	DUREZA85
.	35.00	7.00	8871	Lx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
19.00	35.00	8.00	8330	Lx	L	DUREZA85
.	35.00	10.00	5251	Lx	L	NBR / MVQ
.	35.0/60.5	11.00	8150	A 084	L	NBR
.	36.00	6.60	9859	Mz-R	H	FPM
.	37.00	10.00	6792	Mz	L	NBR
.	38.00	7.00	6253	Lx	L	NBR
.	38.00	7.00	9489	A 100	L	DUREZA85
.	38.07	9.92	5259	Lz	L	NBR
.	40.00	5.00	5626	Mt	L	NBR
.	40.00	7.00	8766	Lx	L	NBR
.	41.24	6.35	5400	Lx	L	NBR
.	42.00	7.00	9096	Lx	L	NBR
.	45.00	7.00	9104	Lx	L	NBR
.	47.00	8.00	5077	Lx	L	NBR
.	47.00	8.00	9215	Lx	L	NBR
19.05	31.75	7.92	9572	Mx	L	DUREZA85
.	31.80	6.35	1035	Mx	L	DUREZA85
.	33.33	7.93	9524	Lx	L	NBR
.	34.60	6.30	9866	A 322	L	DUREZA85
.	34.64	6.28/9.00	9529	A 135	L	DUREZA85
19.30	29.10	6.40	8416	Lz	L	NBR
20.00	26.00	4.00	1298	Lt	L	NBR
.	28.00	6.00	9053	Lx	L	NBR
.	30.00	5.00	6258	Ls	L	NBR / MVQ / FPM
.	30.00	5.0/7.0	6117	A 081	L	NBR
.	30.00	7.00	5133	Lz	L	NBR / MVQ
.	30.00	7.00	8347	Lx	L	NBR
.	30.00	7.00	9494	A 100	L	DUREZA85
.	30.00	7.00	9502	Lx-R	H	ACM
.	30.00	7.00	9993	Mx	L	NBR
.	30.00	7.0/8.0	9521	Lx	L	DUREZA85
.	31.00	7.00	8414	Mz	L	NBR
.	31.00	7.00	9323	Lx	L	NBR
.	31.75	6.00	9815	Mx	L	NBR
.	31.85	8.00	8246	Mx-R	H	NBR
.	32.00	4.50	8774	Lx	L	NBR
.	32.00	6.00	8400	Lx-H	H	ACM
.	32.00	6.00	9497	A 100	L	DUREZA85
.	32.00	7.00	8331	Lx	L	NBR
.	32.00	8.00	5322	Lx	L	NBR / MVQ
.	32.00	10.00	1200	A 119	L	NBR/85
.	32.70	8.60	9200	A 119	L	NBR
.	33.00	10.00	5243	Lx	L	NBR
.	33.00	10.00	5608	Lr	L	NBR
.	34.00	7.00	8777	Lx	L	NBR
.	34.00	10.0/15.0	8380	A 090	L	DUREZA85
.	34.75	12.70	6806	Mx	L	NBR
.	34.80	3.0/10.0	8356	A 119	L	DUREZA85
.	35.00	6.00	5612	Mz	L	NBR
.	35.00	6.00	9075	Lx	L	NBR
.	35.00	6.00	9583	Lz	L	DUREZA85
.	35.00	6.50	6673	A 115	L	NBR
.	35.00	7.00	5087	Lx	L	NBR / MVQ
.	35.00	7.0/10.6	8073	A 117-H	H	NBR / ACM
.	35.00	8.00	5934	Mz	L	NBR
.	35.00	8.00	9076	Lx	L	NBR
.	35.00	8.00	9522	Lr	L	DUREZA85
.	35.00	10.00	5252	Lx	L	NBR / MVQ / FPM
.	35.00	10.0/13.0	5253	A 135	L	NBR
.	35.50	6.00	9901	A 100	L	DUREZA85
.	35.50	9.60	8430	A 116	L	DUREZA85
.	35.80	8.70	9198	A 119	L	NBR
.	35.90	9.60	8432	A 119	L	DUREZA85
.	36.00	7.00	9081	Lx	L	NBR



Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
20.00	36.00	10.00	9082	Lx	L	NBR
.	37.00	8.00	8783	Lx	L	NBR
.	37.00	10.00	8873	Lx	L	NBR
.	38.00	5.00	9255	Lx	L	NBR
.	38.00	7.00	5260	Lx	L	NBR / MVQ
.	38.00	8.00	8874	Lx	L	NBR
.	38.00	14.70	9991	Lx	L	DUREZA85
.	39.80	6.50	8367	Lx	L	DUREZA85
.	40.00	4.00	5267	Lt	L	NBR / MVQ
.	40.00	6.00	5025	Lx	L	NBR / MVQ
.	40.00	7.00	9091	Lx	L	NBR
.	40.00	7.0/8.0	6260	A 135	L	NBR
.	40.00	7.90	5086	Lx	L	NBR / MVQ
.	40.00	8.00	5627	Mr	L	NBR
.	40.00	8.00	9516	Lr	Bidi	FPM
.	40.00	10.00	5084	Lx	L	NBR / MVQ
.	40.40	6.00	9766	A 120	L	DUREZA85
.	41.30	6.70	6261	Lz	L	NBR
.	42.00	7.00	5310	Lz	L	NBR / MVQ / FPM
.	42.00	7.00	8252	Lx	L	NBR
.	42.00	7.00	9514	Lx	L	DUREZA85
.	42.00	10.00	5311	Lx	L	NBR / MVQ / FPM
.	42.40	5.5/10.0	1223	A 392	L	DUREZA85
.	45.00	7.00	9105	Lx	L	NBR
.	46.00	7.00	9324	Lx	L	NBR
.	47.00	5.5/10.0	1224	A 392	L	DUREZA85
.	47.00	7.00	5420	Lx	L	NBR / MVQ
.	47.00	8.00	6262	Lx	L	NBR / FPM
.	47.00	8.40	9702	Mx	L	NBR
.	47.00	10.00	5030	Lz	L	NBR
.	47.00	10.00	5421	Lx	L	NBR
.	47.00	10.00	8734	Kz	L	NBR
.	48.00	7.00	9340	Lx	L	NBR
.	48.00	7.50	6263	Lx	L	NBR
.	50.00	7.00	9343	Lx	L	NBR
.	52.00	7.00	9350	Lx	L	NBR
.	52.00	10.00	5330	Lx	L	NBR / MVQ
.	53.00	8.00	6264	Ls	L	NBR
.	55.50	11.00	6142	A 079	L	NBR / MVQ
.	72.00	9.00	6268	Lx	L	NBR
.	—	3.00	5083	A 007	L	NBR
20.50	41.10	7.00	9261	Lx	L	DUREZA85
.	41.20	5.00	8357	Mx	L	NBR
20.60	31.75	5.00	6781	Mz	L	NBR
.	41.40	6.60	9835	Lz	L	DUREZA85
21.00	29.00	8.00	9833	Ls	L	NBR
.	30.00	6.50	8768	Lx	L	NBR
.	30.20	7.00	9236	Lz	L	FPM
.	32.00	7.50	9277	Mx-R	H	NBR
.	35.0/40.0	10.00	1256	A 079	L	ACM
.	39.60	10.00	8366	Lz	L	DUREZA85
.	40.00	7.00	9106	Lx	L	NBR
.	40.00	10.00	9876	A 158	L	NBR
.	41.30	4.00	9975	A 360	L	NBR
.	61.00	7.0/14.0	9976	A 361	L	NBR
21.50	40.00	7.00	8417	Lz-H	H	NBR / ACM
.	48.00	8.40	9267	A 169-R	AH	ACM
21.70	35.00	11.00	8035	Lx	L	NBR
21.80	31.70	5.00	9498	Lx	L	NBR
.	35.00	7.00	9264	Lx-R	H	ACM

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
21.90	40.00	7.0/8.0	9478	Lx-R	H	ACM
22.00	29.00	7.00	5308	Lt	L	NBR
.	30.00	6.00	9063	Lx	L	NBR
.	31.00	6.50	9581	A 243	L	DUREZA85
.	31.00	7.00	8199	Lx	L	NBR
.	31.95	3.0/6.5	8369	A 323	L	DUREZA85
.	32.00	4.50	8295	Lx	L	DUREZA85
.	32.00	4.50	9599	Lz	L	NBR
.	32.00	5.50	9733	Lx	L	NBR
.	32.00	7.00	6269	Lx	L	NBR
.	32.00	7.00	9187	A 016	L	DUREZA85
.	32.00	7.80	5323	Lx	L	NBR / MVQ / FPM
.	32.00	10.00	9066	Lx	L	NBR
.	32.20	7.0/11.0	8336	A 090	L	NBR
.	33.00	7.00	8254	Lx	L	NBR
.	33.85	2.9/9.0	1194	A 119	L	DUREZA85
.	34.00	5.00	8735	Lx-R	H	ACM
.	34.00	5.00	9067	Lx	L	NBR
.	34.00	6.50	9868	A 231-R	H	FPM
.	35.00	5.00	9077	Lx	L	NBR
.	35.00	6.00	5254	Lx	L	NBR / ACM / MVQ
.	35.00	7.00	8872	Lx	L	NBR
.	35.00	8.00	8348	Lx	L	DUREZA85
.	35.00	10.00	5613	Mz	L	NBR
.	35.00	10.00	9078	Lx	L	NBR
.	36.00	7.5/11.50	8425	A 090	L	DUREZA85
.	36.00	10.0/15.0	8379	A 090	L	DUREZA85
.	37.00	7.00	5157	A 135	L	NBR
.	37.00	10.00	9085	Lx	L	NBR
.	38.00	7.00	6271	Lx	L	NBR
.	38.00	8.50	9809	A 016	L	DUREZA85
.	38.00	10.00	9088	Lx	L	NBR
.	40.00	6.50	6641	Lz	L	NBR / MVQ
.	40.00	7.00	5052	Lz	L	NBR
.	40.00	7.00	5268	Lx	L	NBR / MVQ
.	40.00	7.00	6120	Mx-R	H	NBR / ACM
.	40.00	7.0/8.0	6272	A 135	L	NBR
.	40.00	8.00	8712	Kx-R	H	ACM
.	40.00	10.00	9092	Lx	L	NBR
.	40.00	10.00	9849	A 158	L	NBR
.	40.00	13.00	8438	A 320	L	NBR
.	42.00	7.00	9097	Lx	L	NBR
.	42.00	10.00	9098	Lx	L	NBR
.	42.40	5.5/10.0	1222	A 392	L	DUREZA85
.	45.00	7.00	5092	Lx	L	NBR / ACM
.	45.00	8.00	9107	Lx	L	NBR
.	45.00	8.00	9891	Lx-R	AH	FPM
.	45.00	12.00	6138	A 094	L	NBR
.	46.00	7.00	9317	Lx	L	NBR
.	47.00	5.5/10.0	1207	A 392	L	DUREZA85
.	47.00	7.00	9310	Lx	L	NBR
.	47.00	10.00	5056	Lx	L	NBR / MVQ / FPM
.	48.00	7.0/10.7	1221	A 120	L	DUREZA85
.	48.00	10.00	9121	Lx	L	NBR
.	50.00	8.00	9357	Lx	L	NBR
.	52.00	7.00	9130	Lx	L	NBR
.	62.00	7.00	9147	Lx	L	NBR
22.20	34.90	6.35	8313	Lz	L	NBR
.	40.00	12.0/17.0	8069	A 148-R	H	ACM
.	50.80	10.80	8728	Mx	L	DUREZA85
22.22	28.50	4.00	6701	Mt	L	NBR
.	30.11	12.71	6136	A 018	L	NBR
.	31.85	4.76	5324	Lz	L	NBR
.	33.22	9.52	5096	Lz	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
22.22	33.24	6.35	5933	Lz	L	NBR
.	34.90	6.35	9575	A 241	L	NBR
.	34.92	6.35	6650	Mx	L	NBR / ACM
.	34.92	7.92	1018	Mz	L	NBR
.	34.92	7.93	5255	Lx	L	NBR
.	35.00	6.40	8731	Lx	L	NBR
.	35.89	9.52	6165	A 237	L	NBR / ACM
.	36.40	6.35	5614	Mt	L	NBR
.	38.05	8.00	5759	Mz	L	NBR
.	38.07	7.92	1091	A 206	L	NBR
.	38.07	9.92	5105	Lz	L	NBR
.	38.07	12.20	6773	Mx	L	NBR
.	38.08	9.91	5936	Lz	L	NBR
.	39.90	6.35	5628	Mt	L	NBR
.	41.20	8.00	1100	Mz	L	NBR
.	41.25	6.35	9576	A 241	L	NBR
.	41.25	11.11	5401	Lz	L	NBR
.	52.00	10.00	6276	Mz	L	NBR
.	61.00	9.52	8411	A 078	L	NBR
22.23	31.75	6.50	9898	Mx	L	FPM
.	31.88	4.78	9601	Mt	L	NBR
22.80	40.00	7.00	9613	Mx-R	H	ACM
23.00	34.00	6.00	8485	Lx	L	NBR
.	34.00	6.50	9488	A 100	L	DUREZA85
.	34.5/38.0	7.50	9812	A 192	L	DUREZA85
.	35.00	6.00	8012	Lx	L	NBR
.	35.00	6.5/7.0	9715	A 219	L	DUREZA85
.	35.00	8.00	8718	Mx-R	H	NBR / FPM
.	36.00	6.00	9475	Lz-R	H	ACM / FPM
.	36.50	6.30	5617	Mz	L	NBR
.	38.00	6.5/7.0	9491	A 219	L	DUREZA85
.	41.00	8.00	9818	A 016	L	DUREZA85
.	42.00	10.00	9346	Lx	L	NBR
.	43.00	10.50	9206	A 125	L	NBR
23.35	29.77	4.00	9527	Lt	L	DUREZA85
.	29.77	4.0/6.0	9873	A 326	L	DUREZA85
23.80	34.92	6.35	5609	Ms	L	NBR
23.82	41.25	7.92	1034	Mz	L	NBR
24.00	33.00	7.00	9523	Lz	L	DUREZA85
.	34.00	4.00	6278	Ls	L	NBR
.	34.00	5.00	9726	Lz	L	DUREZA85
.	34.40	15.0/19.5	8109	A 110	L	DUREZA85
.	35.00	7.00	8192	Mt	L	NBR
.	35.00	7.00	9079	Lx	L	NBR
.	35.15/39	7.7/10	9959	A 160-R	H	ACM
.	35.50	5.5/7.0	8226	A 058	L	NBR
.	35.55/39.0	8.1/10.6	9274	A 160-R	H	ACM
.	36.00	5.5/7.0	8182	A 058	L	NBR
.	36.00	6.00	6279	Lx	L	NBR
.	36.00	7.00	8108	A 100	L	DUREZA85
.	36.00	8.0/12.0	6809	A 117-R	H	NBR
.	36.50	8.50	9166	A 016	L	DUREZA85
.	36.50	8.50	9965	Lx	L	NBR
.	37.00	4.80	6903	Lx	L	NBR
.	37.00	5.00	8151	A 012	L	NBR
.	37.00	5.5/7.0	8241	A 058	L	NBR
.	37.00	7.00	5158	Lx	L	NBR
.	38.00	6.00	9931	Lz-R	H	ACM
.	38.00	8.50	9165	A 016	L	DUREZA85
.	40.00	7.00	8458	Lx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
24.00	40.00	7.00	9175	Lx-H	H	ACM
.	40.00	7.00	9495	A 100	L	DUREZA85
.	40.00	8.00	5269	Lz	L	NBR
.	40.00	8.00	8876	Lx	L	NBR
.	40.00	8.00	9164	A 016	L	DUREZA85
.	40.10	10.00	1296	Lx	L	NBR
.	41.00	8.50	8461	Lx	L	DUREZA85
.	41.00	8.50	8850	A 016	L	DUREZA85
.	42.00	8.00	9359	Lx	L	NBR
.	42.00	8.50	9731	A 016	L	DUREZA85
.	43.00	6.00	8784	Lx	L	NBR
.	43.00	8.00	8463	Mx	L	DUREZA85
.	45.00	7.00	9108	Lx	L	NBR
.	46.00	8.00	9362	Lx	L	NBR
.	47.00	7.00	9116	Lx	L	NBR
.	47.00	10.00	8189	Lx	L	NBR
.	48.00	7.00	9122	Lx	L	NBR
.	50.00	8.00	9365	Lx	L	NBR
.	52.00	8.00	9360	Lx	L	NBR
.	52.00	10.00	9131	Lx	L	NBR
.	62.00	6.50	6708	Lx	L	NBR
24.20	35.85	3.30	9629	A 264	L	NBR
24.50	32.00	4.00	9939	A 347	L	NBR
.	36.00	3.20	9251	Ls	L	NBR
.	40.00	8.40	9225	Lz-R	H	ACM
.	42.00	6.00	1181	Lz-R	H	ACM
.	47.00	7.00	6881	Lx	L	NBR
.	47.00	7.0/11.0	8168	A 135	L	NBR
.	47.00	8.0/10.5	8439	A 135	L	NBR
.	--	10.50	9257	A 181	L	NBR
24.60	44.50	7.90	1204	Mz	L	DUREZA85
25.00	32.00	4.00	5672	Mt	L	NBR
.	32.00	4.45	9743	Lz	L	FPM
.	32.00	10.00	5673	Mt	L	NBR
.	34.00	4.00	9856	Lt	L	NBR
.	34.00	5.00	9807	Lz	L	DUREZA85
.	34.20	12.0/16.0	9886	A 334	L	NBR/ACM
.	35.00	5.00	8392	Lx	L	NBR / ACM
.	35.00	6.00	9501	Lx-R	H	ACM
.	35.00	7.00	5256	Lz	L	NBR / MVQ / ACM
.	35.00	7.00	6710	Lx	L	NBR / MVQ / ACM
.	35.00	7.50	8678	Mx	L	NBR
.	35.00	8.00	8081	Lr	L	NBR
.	35.00	8.00	9171	A 016	L	DUREZA85
.	35.00	10.00	8687	Mx	L	NBR
.	35.00	10.00	9080	Lx	L	NBR
.	36.00	5.00	9732	A 273	L	DUREZA85
.	36.00	7.00	5485	Lx	L	NBR / MVQ
.	37.00	7.00	5619	Mz	L	NBR
.	37.00	7.00	8361	Lx	L	DUREZA85
.	37.00	7.00	9637	Lx	L	NBR
.	37.00	8.00	9730	A 156-R	H	ACM
.	37.60	7.00	1195	A 016	L	DUREZA85
.	38.00	6.40	8690	Lz	L	NBR
.	38.00	7.00	8064	Lx-R	H	NBR
.	38.00	7.00	8745	A 100	L	DUREZA85
.	38.00	7.00	8875	Lx	L	NBR
.	38.0/41.5	7.50	9465	A 192	L	DUREZA85
.	38.0/49.5	14.50	9985	A 363	L	FPM
.	38.05	8.00	5760	Mz	L	NBR
.	39.70	8.00	9168	A 016	L	DUREZA85
.	39.80	6.40	9170	A 016	L	DUREZA85
.	40.00	5.00	9093	Lx	L	NBR



Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
25.00	40.00	7.00	6654	Lx	L	NBR
.	40.00	7.00	6672	A 115	L	NBR
.	40.00	8.00	1001	Lx-R	H	ACM
.	40.00	8.00	5053	Lx	L	NBR / MVQ
.	40.00	8.00	9188	Lr	L	NBR
.	40.00	8.00	9247	Lr	L	NBR
.	40.00	8.0/11.0	8764	A 135	L	DUREZA85
.	40.00	8.20	9169	A 016	L	DUREZA85
.	40.00	9.00	9785	Lx	L	NBR
.	40.00	10.00	5271	Lz	L	NBR / MVQ
.	40.00	10.00	8878	Lx	L	NBR
.	40.00	16.00	8433	A 053	L	NBR
.	41.00	8.00	8349	Lx	L	DUREZA85
.	41.00	8.00	8851	A 016	L	DUREZA85
.	41.17	9.52	5402	Lx	L	NBR / MVQ
.	41.40	6.00	8293	Lx	L	NBR
.	42.00	6.00	5312	Lx	L	NBR / MVQ / ACM
.	42.00	7.00	9607	Lx-R	H	FPM
.	42.00	8.00	5313	Lz	L	NBR / MVQ
.	42.00	9.00	9167	A 016	L	DUREZA85
.	42.00	10.00	5314	Lx	L	NBR
.	42.50	8.00	8852	A 016	L	DUREZA85
.	43.00	8.00	8879	Lx	L	NBR
.	43.00	9.00	9810	A 016	L	DUREZA85
.	43.00	10.00	6173	Lx	L	NBR / ACM / FPM
.	44.00	7.00	9373	Lx	L	NBR
.	45.00	5.0/11.0	1154	A 374	L	FPM
.	45.00	7.00	9370	Lx	L	NBR
.	45.00	7.0/8.5	1244	A 139	L	NBR
.	45.00	10.00	5163	Lz	L	NBR / MVQ
.	45.00	10.00	6743	Lx	L	NBR
.	45.00	10.00	8068	Mz-R	H	ACM
.	47.00	5.00	1287	Lx	L	NBR
.	47.00	7.00	9217	A 101	L	NBR
.	47.00	7.00	9313	Lx	L	NBR
.	47.00	7.00	9880	Lz	L	NBR
.	47.00	8.00	5512	Mx	L	NBR / MVQ
.	47.00	10.00	5057	Lx	L	NBR / MVQ
.	47.00	11.0/12.5	1271	A 419	L	NBR
.	47.00	13.00	9259	Lx	L	NBR
.	48.00	7.0/10.7	1153	A 120	L	DUREZA85
.	48.00	8.00	9352	Lx	L	NBR
.	48.0/54.0	8.50	9758	A101	L	NBR
.	48.80/57.60	14.00	1269	A 410	L	NBR
.	50.00	7.00	9124	Lx	L	NBR
.	50.00	7.0/10.7	1220	A 120	L	DUREZA85
.	50.00	10.00	5287	Lx	L	NBR / MVQ
.	50.00	12.00	5288	Lz	L	NBR
.	52.00	7.00	5119	Lz	L	NBR / MVQ
.	52.00	7.00	6061	Lx	L	NBR
.	52.00	7.00	6284	Ls	L	NBR
.	52.00	8.00	9841	Lx	L	NBR
.	52.00	10.00	5155	Lz	L	NBR / ACM / MVQ
.	52.00	10.00	6855	Lx	L	NBR / MVQ
.	55.00	8.00	9380	Lx	L	NBR
.	55.00	10.0/11.0	9813	A 307	L	NBR
.	60.00	8.00	9325	Lx	L	NBR
.	62.00	7.00	9148	Lx	L	NBR
.	62.00	10.00	5063	Lz	L	NBR / MVQ
.	62.00	10.00	6285	Ls	L	NBR
.	62.00	10.00	6702	Lx	L	NBR
.	80.20	10.00	1111	Lx	L	NBR
.	97.00	6.60	8794	A 143	L	NBR
25.40	31.75	3.20	5671	Mt	L	NBR
.	34.90	6.35	1043	Mz	L	NBR
.	34.92	4.75	9602	Mt	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
25.40	35.15	3.8/7.5	8368	A 323	L	DUREZA85
.	36.37	7.90	6286	Lt	L	NBR
.	36.50	6.35	5618	Lx	L	NBR
.	36.53	4.82	5496	Lz	L	NBR
.	37.00	7.50	5159	Lz	L	NBR
.	38.07	6.35	1049	Mt	L	NBR
.	38.07	6.35	5261	Lz	L	NBR / MVQ
.	38.07	6.66	8156	Mx	L	NBR
.	38.07	9.50	6652	Mx	L	NBR
.	38.07	9.92	5262	Lx	L	NBR
.	38.07	12.70	5620	Mr	L	NBR
.	39.65	6.35	5623	Mt	L	NBR
.	39.65	9.52	9600	Mz	L	NBR
.	39.90	6.35	5625	Mt	L	NBR
.	40.00	7.95	9594	Mx	L	NBR
.	41.25	7.54	6287	Ls	L	NBR
.	41.25	7.92	1011	Mz	L	NBR
.	44.50	5.00	5112	Lz	L	NBR / MVQ
.	44.50	5.00	9462	Lx	L	NBR
.	44.50	6.50	9208	Mx	Bidi	ACM
.	44.50	6.50	9899	Lr	L	FPM
.	44.50	7.92	9463	Mx	L	NBR
.	44.50	11.11	5405	Lz	L	NBR / FPM
.	44.50	15.00	6289	Mx	L	NBR
.	46.43	11.11	5412	Lz	L	NBR
.	46.43	15.87	5675	Lx	L	NBR
.	47.55	11.10	9720	Kz	L	NBR
.	47.60	9.52	1039	Mz	L	NBR
.	50.80	9.52	1016	Mz	L	NBR
.	50.80	10.00	5329	Lz	L	NBR
25.50	40.00	6.50	6642	Lz	L	NBR
.	40.00	7.00	5272	Lx	L	NBR / MVQ
.	52.00	7.0/8.0	9238	A 071	L	NBR
.	58.70	7.00	8730	A 146	L	NBR
26.00	34.00	4.5/7.0	9526	A 148	L	DUREZA85
.	34.00	5.00	9253	A 150	L	NBR
.	34.50	5.50	8773	Lx-R	AH	NBR
.	37.00	7.00	8457	Lx	L	DUREZA85
.	37.00	7.0/8.0	9510	Lx	L	DUREZA85
.	37.00	8.00	5160	Lx	L	NBR / ACM
.	37.00	10.50	9942	A 349	L	DUREZA85
.	38.00	5.00	8255	Lx	L	NBR
.	38.00	7.00	9182	A 016	L	DUREZA85
.	38.00	7.00	9490	A 219	L	DUREZA85
.	38.00	8.00	9786	Lx	L	NBR
.	38.07	8.00	5935	Mx	L	NBR
.	40.00	8.00	9328	Lx	L	NBR
.	41.00	8.50	9216	A 016	L	DUREZA85
.	42.00	8.00	8849	Mx	L	NBR
.	42.00	8.00	9099	Lx	L	NBR
.	42.00	8.00	9269	Mx-R	H	ACM / FPM
.	42.00	8.0/17.0	8004	A 040	L	NBR
.	42.00	10.00	5821	Lx	L	NBR
.	44.20	8.00	9183	A 016	L	DUREZA85
.	45.00	8.50	9181	A 016	L	DUREZA85
.	47.00	6.30	8782	A 071	L	NBR
.	47.00	6.30	9117	Lx	L	NBR
.	50.00	8.00	9347	Lx	L	NBR
.	52.00	7.00	9787	Lx	L	NBR
.	52.00	8.00	9376	Lx	L	NBR
.	56.00	8.00	9788	Lx	L	NBR
26.50	43.00	9.50	9655	A 125	L	NBR
26.80	38.05	5.50	9574	A 244	L	NBR



Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
26.80	38.07	5.56	5263	Lx	L	NBR
26.97	38.10	5.56	9528	A 236	L	DUREZA85
27.00	34.00	4.00	6848	Lt	L	NBR
.	34.92	5.15	5610	Mt	L	NBR
.	36.00	8.00	9083	Lx	L	NBR
.	36.80	3.5/6.5	9867	A 323	L	DUREZA85
.	37.00	7.00	6902	Lx	L	NBR
.	37.00	7.00	9825	A 156-R	H	ACM/FPM
.	38.00	7.00	8350	Lx	L	DUREZA85
.	38.07	7.93	5621	Mz	L	NBR
.	39.00	5.00	8370	Lz	L	DUREZA85
.	39.00	10.50	8499	A 070	L	DUREZA85
.	39.00	10.50	9789	Lx	L	NBR
.	40.00	7.00	9094	Lx	L	NBR
.	41.00	10.00	5403	Lx	L	NBR
.	42.00	7.00	8775	Lx	L	NBR
.	42.0/76.0	16.0/13.5	9537	A 228	L	NBR
.	42.70	7.90	1205	Mx	L	DUREZA85
.	42.82	6.35	8250	Lz	L	NBR
.	42.82	9.52	5855	Lz	L	NBR
.	43.00	7.00	9102	Lx	L	NBR
.	43.00	7.10	9737	Mz	L	NBR
.	43.00	9.00	8657	Lx	L	NBR / ACM
.	43.79	9.12	5859	Lz	L	NBR
.	44.40	9.52	5406	Lz	L	NBR
.	44.40	9.52	5407	Lx	L	NBR / MVQ
.	45.00	8.00	9389	Lx	L	NBR
.	47.00	7.00	9910	Lx-R	H	FPM
.	47.00	10.00	9395	Lx	L	NBR
.	50.80	13.10/16.50	1213	A 396	L	NBR
.	55.00	8.00	6291	Ls	L	NBR
.	62.00	11.00	6292	Lz	L	NBR
27.50	39.60	6.35	6795	Mt	L	NBR
27.95	56.00	10.00	8149	Lx-R	H	NBR / ACM
.	70.00	10.00	9775	A 301-R	H	NBR
28.00	36.00	6.00	9084	Lx	L	NBR
.	38.00	5.00	9086	Lx	L	NBR
.	38.00	6.00	6700	Lx	L	NBR
.	38.00	6.50	9512	Lt	L	DUREZA85
.	38.00	7.00	5264	Lx	L	NBR / MVQ
.	38.00	7.00	8799	Mx	L	NBR
.	38.00	7.00	9204	Lx-R	H	ACM / FPM
.	40.00	6.00	9511	Lx	L	DUREZA85
.	40.00	7.00	5031	Lx	L	NBR/ACM/MVQ/FPM
.	40.00	7.00	5561	Lz	L	NBR / FPM
.	40.00	8.00	8258	Lr	L	NBR
.	40.00	8.00	9745	A 156	L	DUREZA85
.	40.00	8.00	9790	Lx	L	NBR
.	40.00	8.20	6682	A 156-R	H	NBR / ACM
.	40.00	10.50	8801	Lx	L	NBR
.	40.0/46.0	8.00	8335	A 170	L	MVQ
.	41.00	7.00	9244	Lx	L	DUREZA85
.	42.00	5.00	9688	A 156-R	H	FPM
.	42.00	7.00	8125	Lx	L	NBR
.	42.00	8.00	1125	Lx-R	AH	FPM
.	42.00	10.00	5315	Lx	L	NBR
.	42.50	8.00	5854	Lz	L	NBR / MVQ
.	43.00	10.00	5631	Mz	L	NBR
.	45.00	7.50	5165	Lx	L	NBR / MVQ
.	45.00	8.00	8119	Lx-R	H	NBR / ACM
.	45.40	6.6/10.4	8452	A 104	L	NBR
.	46.80	5.85	8107	A 044	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
28.00	47.00	6.5/9.50	9971	A 308	L	NBR
.	47.00	7.00	5422	Lz	L	NBR
.	47.00	7.00	8394	Lx	L	NBR
.	47.00	7.00	8732	A 183	L	NBR
.	47.00	7.50	1197	Lx-R	H	ACM/FPM
.	47.00	8.00	5508	Mz	L	NBR
.	47.00	8.00	6734	Mz-R	H	NBR / ACM
.	47.00	10.00	5122	Lz	L	NBR
.	47.00	10.00	5124	Lx	L	NBR
.	47.50	4.00	5833	A 008	L	NBR
.	50.00	10.00	9125	Lx	L	NBR
.	50.70	6.35	9696	Lx	L	DUREZA85
.	52.00	7.00	9132	Lx	L	NBR
.	52.00	9.00	6293	Lx	L	NBR
.	52.00	10.00	8855	Mx	L	NBR
.	52.00	10.00	8888	Lx	L	NBR
.	55.60	10.00	8114	Lz	L	NBR
.	56.00	7.00	9142	Lx	L	NBR
.	56.00	8.00	8253	A 106	L	NBR
.	60.00	8.00	9472	Lx	L	NBR
.	62.00	9.00	6294	Lx	L	NBR
.	77.00	8.0/15.0	1264	A 412-R	AH	ACM
.	--	7.00	9690	A 207	L	NBR
28.13	42.50	9.00	8034	Lx	L	NBR
28.46	36.50	5.50	8198	Ls	L	NBR
28.50	34.92	3.10	1193	Ms	L	NBR
.	34.92	3.10	5075	Mt	L	NBR
.	36.50	6.0/7.5	6783	Ms	L	NBR
.	38.00	5.0/5.5	9230	A 186	L	NBR
.	38.00	7.00	9590	A 113	L	NBR
.	39.40	7.54	6144	Mx	L	NBR
.	39.65	6.35	5624	Mt	L	NBR
.	39.65	7.80	6135	A 017	L	NBR
.	41.30	7.93	5629	Mz	L	NBR
.	43.00	6.50	9635	A 269	L	DUREZA85
.	43.00	9.00	6853	Lx	L	NBR
28.57	38.05	6.35	9578	Ls	L	NBR
.	38.12	6.35	8036	Lz	L	NBR / MVQ
.	39.64	9.52	1094	A 206	L	NBR
.	41.20	6.35	9577	Ls	L	NBR
.	41.25	6.35	1005	Mz-H	AH	NBR
.	41.25	6.35	1048	Mx	L	NBR
.	47.60	11.10	1086	A 206	L	NBR
.	50.80	11.10	1088	A 206	L	NBR
28.58	41.20	6.20	8120	Mx-R	H	NBR / ACM
28.60	36.40	5.15	5615	Mt	L	NBR / MVQ
.	36.40	7.14	5616	Mt	L	NBR
.	38.10	6.00	8696	Lz	L	NBR
.	39.65	9.52	5850	Lz	L	NBR
.	39.70	4.76	5851	Lt	L	NBR
.	39.75	17.85	6295	Lr	L	NBR
.	41.25	10.50	6818	Mx	L	NBR
.	41.27	9.40	6757	Mx	L	NBR / MVQ
.	42.95	6.50	8741	Mx	L	NBR
.	44.40	11.11	5408	Lz	L	NBR
.	50.80	11.11	5604	Mz	L	NBR
.	52.37	11.11	5678	Mz	L	NBR
.	55.50	10.31	5947	Lz	L	NBR
29.00	36.00	8.00	9620	Ms	L	NBR
.	40.00	7.00	9235	Lx	L	NBR



Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
29.00	43.00	10.00	9791	Lx	L	NBR
.	45.00	10.00	5633	Mz	L	NBR
.	46.00	13.40	1274	A 417	L	ACM
.	46.46	11.50	5040	Lz	L	NBR
.	46.46	11.50	5413	Lx	L	NBR
.	47.00	6.00	8362	Lx	L	DUREZA85
.	47.80	6.30	6726	Lz	L	NBR
.	50.00	10.00	8715	Kz-R	AH	NBR
29.37	42.82	11.11	5504	Mz	L	NBR
.	53.49	11.90	5682	Lz	L	NBR
29.50	42.00	3.30	9633	A 264	L	NBR
.	42.00	5.00	9598	Lx	L	NBR
.	52.00	8.0/10.5	8440	A 135	L	NBR
29.59	56.57	12.70	5949	Mz	L	NBR
29.77	51.59	9.52	5518	Mz	L	NBR
29.80	47.00	0.77	8819	A 007	L	NBR
.	50.00	10.0/13.5	9653	A 103-R	H	ACM
.	52.00	10.0/13.5	9652	A 103-R	AH	ACM
29.84	45.02	7.00	6803	Lz-H	H	NBR
.	46.46	9.52	5414	Lz	L	NBR / MVQ
29.85	47.00	9.90	9907	Lx-R	H	ACM
.	47.00	11.30	8491	A 075	Bidi	NBR / ACM
30.00	37.00	4.00	6915	A 215	L	NBR
.	38.00	5.00	8196	Lt	L	NBR
.	38.00	5.00	8372	Ls	L	NBR
.	38.00	7.00	9089	Lx	L	NBR
.	40.00	7.00	5270	Lz	L	NBR / MVQ / FPM
.	40.00	7.00	8003	Lx-R	H	ACM
.	40.00	7.00	8228	Lx	L	NBR
.	40.00	10.00	9095	Lx	L	NBR
.	40.50	10.50	9962	A 322	L	DUREZA85
.	41.00	10.00	8209	Mx-R	AH	NBR
.	42.00	4.50	9469	Lx	L	NBR
.	42.00	6.00	6671	A 115	L	NBR
.	42.00	6.00	9100	Lx	L	NBR
.	42.00	6.00	9163	Mx	L	NBR
.	42.00	7.00	5316	Lx	L	NBR / MVQ
.	42.00	7.00	6690	Lz-R	H	ACM / FPM
.	42.00	7.00	6858	A 156-R	H	ACM / FPM
.	42.00	7.00	6882	Lx-R	AH	ACM / FPM
.	42.00	8.00	5317	Lx	L	NBR / MVQ / ACM / FPM
.	42.00	8.00	8848	Mx	L	NBR
.	42.00	8.50	9227	A 016	L	DUREZA85
.	42.00	10.00	9101	Lx	L	NBR
.	42.00	10.00	1292	Mx	L	NBR
.	42.00	11.00	9792	Lx	L	NBR
.	43.00	8.00	8412	Mz-R	H	ACM / FPM
.	44.00	7.00	8574	Lx-H	H	ACM
.	44.00	10.00	9391	Lx	L	NBR
.	45.00	7.00	8880	Lx	L	NBR
.	45.00	8.00	5634	Mz	L	NBR / MVQ
.	45.00	8.00	8024	Lz-R	H	ACM / FPM
.	45.00	8.00	8351	Lx	L	NBR
.	45.00	10.00	5167	Lz	L	NBR
.	45.00	10.00	8881	Lx	L	NBR
.	45.00	16.00	9821	A 053	L	NBR
.	46.00	7.00	8882	Lx	L	NBR
.	46.00	8.00	8071	Lx-R	H	ACM / FPM
.	46.00	8.00	8300	Lx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
30.00	46.00	8.00	9184	A 016	L	DUREZA85
.	47.00	5.00	5423	Lx	L	NBR / MVQ / FPM
.	47.00	7.00	9118	Lx	L	NBR
.	47.00	7.00	9272	Lx-R	H	ACM
.	47.00	7.00	9674	A 156-R	AH	FPM
.	47.00	7.25	9915	A 101	L	NBR
.	47.00	8.00	5513	Mx	L	NBR / MVQ
.	47.00	8.00	9119	Lx	L	NBR
.	47.00	8.50	9228	A 016	L	DUREZA85
.	47.00	10.00	5060	Lx	L	NBR
.	47.00	10.0/12.0	5511	Mx	L	NBR
.	48.00	8.00	9379	Lx	L	NBR
.	48.00	8.00	9972	A 016	L	DUREZA85
.	50.00	7.00	8652	Lz	L	NBR
.	50.00	7.00	9243	A 016	L	DUREZA85
.	50.00	7.00	9304	Lx	L	NBR
.	50.00	8.00	8885	Lx	L	NBR
.	50.00	8.00	9193	Lx-R	H	ACM / FPM
.	50.00	10.00	5289	Lz	L	NBR
.	50.00	10.00	5290	Lx	L	NBR/MVQ/ACM/FPM
.	50.00	11.00	9842	Lx	L	NBR
.	50.00	12.00	5861	Lz	L	NBR
.	50.00	12.00	8886	Lx	L	NBR
.	52.00	7.00	6121	Mx-R	H	ACM / FPM
.	52.00	7.00	6703	Lx	L	NBR
.	52.00	7.0/11.0	9625	A 262-R	H	FPM
.	52.00	8.00	6876	Lx	L	NBR
.	52.00	10.00	5130	Lx	L	NBR / MVQ / FPM
.	52.00	10.00	9711	A 292	L	NBR
.	52.00	11.00	1270	A 418	L	NBR
.	55.00	7.00	9329	Lx	L	NBR
.	55.00	9.50	5170	Lz	L	NBR/ACM/MVQ/FPM
.	55.00	10.00	9299	Lx	L	NBR
.	55.00	12.00	8056	Lx-H	H	NBR
.	56.00	8.00	9398	Lx	L	NBR
.	56.00	10.00	9353	Lx	L	NBR
.	56.00	12.00	5948	Mz	L	NBR
.	58.00	8.00	9363	Lx	L	NBR
.	58.10	11.00	9639	Mz-R	AH	NBR
.	60.00	7.00	9308	Lx	L	NBR
.	60.00	8.00	9311	Lx	L	NBR
.	60.00	10.00	9146	Lx	L	NBR
.	62.00	10.10	1372	Mx	L	NBR
.	62.00	7.00	6302	Lx	L	NBR / MVQ
.	62.00	7.00	9983	Mx	L	NBR
.	62.00	10.00	9149	Lx	L	NBR
.	62.00	13.00	9709	A 292	L	NBR
.	62.10	13.00	9917	A 346-R	H	ACM
.	63.00	16.00	8767	A 053	Bidi	NBR
.	63.20	17.00	9582	A 134	L	NBR
.	65.00	8.00	9358	Lx	L	NBR
.	70.00	10.00	9151	Lx	L	NBR
.	72.00	8.00	9339	Lx	L	NBR
.	72.00	10.00	5804	Mz	L	NBR
.	72.00	10.00	9153	Lx	L	NBR
.	72.00	12.00	5881	Lx	L	NBR
30.10	42.82	9.52	5856	Lz	L	NBR
.	42.86	6.35	5505	Mz	L	NBR
.	43.55	15.87	6304	Mx	L	NBR
.	47.62	6.35	5600	Mz	L	NBR
.	48.97	11.11	6303	Lz	L	NBR
.	50.80	13.10	5605	Mx	L	NBR
.	51.40	11.90	5770	Mz	L	NBR
.	52.28	11.50	5679	Mz	L	NBR
.	61.90	11.90	5784	Mz	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
30.16	50.70	6.35	5764	Mt	L	NBR
.	50.80	11.11	5327	Lx	L	NBR
.	51.40	11.90	6178	Mx	L	NBR
.	61.90	10.00	6307	Lz	L	NBR
.	61.90	10.00	8374	Lx	L	NBR
30.17	50.36	6.35	9593	Mz	L	NBR
31.00	38.00	5.00	8446	Ls	L	NBR
.	43.00	10.00	9793	Lx	L	NBR
.	43.00	10.30	9963	A 349	L	DUREZA85
.	43.0/47.5	8.0/14	1263	A 414	L	NBR
.	44.00	6.50	9189	Lx	L	DUREZA85
.	44.0/48.0	8.5/4.0	9978	A 192	L	DUREZA85
.	45.00	8.00	9109	Lx	L	NBR
.	47.00	7.00	5424	Lz	L	NBR / FPM
.	47.00	7.00	8248	Lx	L	NBR
.	47.00	7.50	6850	A 178	L	NBR
.	47.65	7.50	9977	A 016	L	DUREZA85
.	48.00	10.00	8654	Lx-R	AH	NBR
.	50.00	8.00	8717	Lx-R	H	ACM / FPM
.	50.00	8.00	9561	Lx	L	NBR
.	52.4/64.0	10.0/15.5	9256	A 154	L	NBR
.	53.97	19.05	5685	Mr	L	NBR
.	65.10	13.00	6787	Mx	L	NBR
31.40	42.85	7.93	5506	Mx	L	NBR
31.50	51.90	10.00	8795	Mx	L	NBR
.	52.00	8.50	8396	Mx	L	NBR
.	52.40	10.00	8273	Mx	L	NBR
31.70	44.30	6.70	1123	Mx-R	H	ACM
.	44.60	6.70	6112	Mx-R	H	ACM
.	52.15	10.0/15.0	8498	A 330	L	NBR
.	58.40	6.80	1186	A 306	L	NBR
31.75	38.07	3.17	5852	Lt	L	NBR
.	41.27	4.78	1255	Mz	L	NBR
.	42.82	9.52	5857	Lz	L	NBR
.	42.87	4.68	5858	Lz	L	NBR
.	42.87	4.76	5507	Mz	L	NBR
.	43.40	6.35	5632	Mz	L	NBR
.	44.50	6.35	6116	Lx	L	NBR / MVQ
.	44.50	6.35	8326	Ms	L	NBR
.	44.50	9.52	5409	Lx	L	NBR / DUREZA85
.	46.46	9.92	5415	Lx	L	NBR / FPM
.	48.08	12.70	5938	Mz	L	NBR
.	50.00	8.00	6163	Mz	L	NBR
.	50.26	6.35	9550	Mx	L	NBR
.	50.27	6.35	9610	A 246	L	NBR
.	50.27	10.31	9584	A 246	L	NBR
.	50.36	12.70	5763	Mz	L	NBR
.	50.65	6.35	5765	Mt	L	NBR
.	50.65	6.35	8800	Mx	L	NBR
.	50.80	10.70	6770	Mx	L	NBR
.	50.80	11.11	5939	Mz	L	NBR
.	50.80	15.87	6309	Mx	L	NBR
.	52.37	6.35	5680	Mt	L	NBR
.	52.37	12.70	5519	Mz	L	NBR
.	53.97	7.90	5595	Mz	L	NBR
.	53.97	11.11	5686	Mz	L	NBR
.	57.15	9.52	5529	Mz	L	NBR
.	57.15	12.70	5530	Mz	L	NBR
.	57.96	6.35	5779	Mt	L	NBR
.	60.50	12.70	5101	Lx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
32.00	39.00	8.00	9805	A 305	L	NBR
.	40.00	5.00	8746	Lx	L	DUREZA85
.	40.00	8.00	8877	Lz	L	NBR
.	42.00	4.00	1138	Lt	L	NBR
.	42.00	6.00	9492	A 220	L	DUREZA85
.	42.00	7.00	8740	Mx	L	NBR
.	42.00	7.00	9331	Lx	L	NBR
.	42.00	8.00	9912	Lx-R	H	FPM
.	42.00	10.0/15	9992	A 100	L	NBR
.	43.00	8.00	9879	Lx	L	NBR
.	43.00	10.00	9794	Lx	L	NBR
.	43.00	12.50	9795	Lx	L	NBR
.	44.00	6.00	9802	Lx-R	H	FPM
.	44.00	7.00	5410	Lx	L	NBR / MVQ
.	44.00	8.00	9248	Lr	L	NBR
.	44.00	9.00	8353	Mz	L	NBR
.	44.00	10.50	9796	Lx	L	NBR
.	45.00	6.00	1130	Lx-R	H	FPM
.	45.00	6.50	8710	Lt	L	NBR
.	45.00	6.50	9519	Lt	L	DUREZA85
.	45.00	7.00	5168	Lx	L	NBR
.	45.00	7.00	8684	Lx-H	AH	ACM
.	45.00	7.00	9515	Lx	L	DUREZA85
.	45.00	7.0/8.0	8321	A 135	L	DUREZA85
.	45.00	10.00	9110	Lx	L	NBR
.	45.00	16.00	9928	A 053	L	NBR
.	46.00	6.00	8661	Lx-R	H	ACM / FPM
.	46.00	7.00	9114	Lx	L	NBR
.	46.00	8.00	8569	Lx-R	AH	ACM
.	47.00	6.00	8628	Lx-R	H	ACM / FPM
.	47.00	7.00	5425	Lx	L	NBR
.	47.00	8.00	1157	A 016	L	DUREZA85
.	47.00	8.00	8627	Lx-R	H	ACM
.	47.00	9.00	9174	A 132	L	NBR
.	47.00	9.00	9232	A 133	L	NBR
.	47.00	9.50	9808	A 080	L	NBR
.	47.00	10.00	5426	Lx	L	NBR
.	47.00	10.00	6864	Lx-R	H	ACM / FPM
.	47.00	10.00	8422	Lx	Bidi	ACM / FPM
.	48.00	7.00	8055	Lx-R	H	ACM
.	48.00	7.00	8472	Lx	L	NBR
.	48.00	8.00	8459	Lx	L	NBR
.	50.00	6.00	5291	Lx	L	NBR / MVQ
.	50.00	8.00	1156	A 016	L	DUREZA85
.	50.00	8.00	5292	Lx	L	NBR / MVQ / FPM
.	50.00	8.00	6696	Lz-R	H	ACM
.	50.00	10.00	5293	Lz	L	NBR
.	50.00	10.00	5294	Lx	L	NBR / MVQ
.	50.00	10.00	8091	Lx-R	H	NBR/MVQ/ACM/FPM
.	52.00	7.00	5154	Lx	L	NBR / MVQ / FPM
.	52.00	9.00	5153	Lx	L	NBR
.	52.00	9.00	5523	Mr	L	NBR
.	52.00	9.00	9827	Lx-R	AH	ACM
.	52.00	10.00	8889	Lx	L	NBR
.	52.00	11.00	8043	Lx	L	NBR
.	52.00	11.0/15	1357	A 151	L	NBR
.	52.00	15.00	9941	A 134	L	NBR
.	52.4/64.0	10.0/15.5	9569	A 154	L	NBR
.	53.00	7.00	9997	Lx-R	H	ACM
.	54.00	6.50	9806	A 306	L	NBR
.	55.00	8.00	5171	Lz	L	NBR
.	55.00	9.50	5172	Lz	L	NBR
.	55.00	10.00	9140	Lx	L	NBR
.	55.00	10.00	9838	A 111	L	NBR
.	56.00	8.00	9386	Lx	L	NBR
.	56.00	10.00	5333	Lx	L	NBR
.	56.00	10.00	6733	Mx-H	AH	NBR



Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
32.00	56.00	12.00	5334	Lz	L	NBR
.	57.00	10.00	9889	Lx	L	NBR
.	58.00	12.00	8646	Mx	L	NBR
.	58.00	12.00	9145	Lx	L	NBR
.	59.00	9.0/17.0	1253	A 308-R	H	NBR
.	60.00	8.00	9366	Lx	L	NBR
.	62.00	3.0/7.5	8016	A 038	L	NBR
.	65.00	10.00	9354	Lx	L	NBR
.	65.00	13.00	8753	Mx	L	NBR
32.16	CI 41.61	14.28	6772	A 279	L	NBR
32.30	51.40	9.92	5517	Mz	L	NBR
32.54	50.80	11.11	5328	Lz	L	NBR
.	51.41	9.92	5771	Mz	L	NBR
32.70	42.77	6.60	9952	A 322	L	DUREZA85
32.75	44.50	6.35	5937	Mt	L	NBR
33.00	40.00	3.5/6.5	1115	A 365	L	NBR
.	42.50	8.00	5853	Lz	L	NBR
.	43.00	6.00	9677	A 156-R	H	FPM
.	44.00	7.00	9678	A 156-R	AH	FPM
.	44.00	8.00	9499	Mx	L	NBR
.	44.00	8.00	1370	Mt	L	NBR
.	44.00	10.00	9103	Lx	L	NBR
.	45.00	5.00	9111	Lx	L	NBR
.	45.00	10.50	9797	Lx	L	NBR
.	46.00	8.00	8332	Lx	L	DUREZA85
.	46.00	12.00	9958	A 357	L	DUREZA85
.	47.00	5.00	9648	Lx-R	H	FPM
.	47.00	8.00	8603	Lx-H	H	ACM / FPM
.	49.20	10.50	5093	Lz	L	NBR
.	50.00	6.00	8116	Lz	L	NBR
.	50.00	8.00	8117	Mz	L	NBR
.	50.00	10.00	9402	Lx	L	NBR
.	50.00	12.00	5295	Lx	L	NBR / FPM
.	52.00	10.00	5152	Lx	L	NBR / MVQ
.	52.00	10.00	8061	Lx-H	AH	NBR
.	55.00	8.5/13.5	1249	A 308-R	H	NBR
.	55.00	9.50	8635	Lx	L	NBR
.	56.00	12.00	5774	Mz	L	NBR
.	56.00	12.00	9143	Lx	L	NBR
.	59.00	11.00	8352	Lx	L	NBR
.	69.40	7.90	8697	Mz	L	NBR
33.32	52.30	11.10	1013	Mz	L	NBR
33.33	46.00	8.63	1006	Lx	L	NBR
.	46.46	9.52	5416	Lz	L	NBR
.	50.80	11.90	5766	Mz	L	NBR
.	51.20	14.00	5772	Mz	L	NBR
.	57.00	6.35	5531	Mt	L	NBR
.	57.15	8.00	6891	Mx	L	NBR
.	57.15	12.70	5532	Mz	L	NBR
.	57.96	6.35	5780	Mt	L	NBR
.	60.27	12.30	5781	Mz	L	NBR
33.73	52.37	11.90	5837	A 006	L	NBR
34.00	39.00	3.00	8854	Lt	L	NBR
.	47.00	9.0/10.0	5509	Mx	L	NBR
.	48.00	7.00	8525	Lx-R	H	ACM / FPM
.	48.00	7.00	8884	Lx	L	NBR
.	50.00	7.00	1002	Lx-R	H	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
34.00	50.00	7.00	9126	Lx	L	NBR
.	52.00	6.5/8.0	9592	A 101	L	NBR
.	52.00	7.00	9133	Lx	L	NBR
.	52.00	7.50	5132	Lx	L	NBR
.	52.00	8.00	5524	Mz	L	NBR
.	54.00	8.00	9406	Lx	L	NBR
.	54.00	9.0/15.0	1119	A 109-R	H	NBR
.	54.10	11.00	9761	Lx	Bidi	NBR
.	55.00	8.00	9410	Lx	L	NBR
.	55.00	11.00	8641	Lx	L	NBR
.	55.00	11.0/15.0	9938	A 330	L	NBR
.	56.00	8.00	9417	Lx	L	NBR
.	60.00	8.00	9430	Lx	L	NBR
.	61.90	7.54	8667	Lz	L	DUREZA85
.	62.00	8.00	9434	Lx	L	NBR
.	63.00	9.0/15.0	9848	A 109-R	AH	NBR
.	72.00	14.00	5143	Lx	L	NBR
34.13	47.60	11.11	5761	Mz	L	NBR
34.50	59.20	12.70	9531	Lx	L	MVQ/ACM
.	59.20	14.00	9885	A 328	L	NBR/ACM
34.85	46.43	11.11	5635	Mx	L	NBR
.	54.00	7.10	6819	Mx	L	NBR
.	57.15	15.87	6128	A 092	L	NBR
.	72.00	12.00	6675	Lx-H	H	NBR
34.90	52.00	10.00	1187	Lx-R	H	ACM
.	52.30	9.50	9822	Kz	L	NBR
.	54.00	11.30	9926	A 075-R	H	FPM
.	63.00	13.00	8699	Mx-H	H	NBR
34.92	47.60	9.52	1041	Mx	L	NBR
.	53.49	15.87	5683	Lx	L	NBR
34.93	44.40	4.75	5860	Lt	L	NBR
.	46.43	9.52	5677	Lz	L	NBR
.	46.46	7.93	5417	Lz	L	NBR / MVQ
.	46.48	4.76	5418	Lt	L	NBR
.	46.60	7.54	5419	Lx	L	NBR
.	47.65	6.35	8037	Lx	L	NBR / MVQ
.	49.47	14.28	6114	Mx	L	NBR
.	49.60	13.00	6683	Mx-R	AH	NBR / ACM
.	50.75	12.70	5767	Mz	L	NBR
.	50.80	7.93	5103	Mz	L	NBR
.	50.80	7.93	5769	Mx	L	NBR
.	52.37	11.11	5520	Mz	L	NBR
.	53.49	12.30	5079	Lz	L	NBR
.	53.49	12.30	6713	Lx	L	NBR
.	53.97	11.11	5104	Lz	L	NBR
.	57.15	7.93	5866	Lx	L	NBR
.	57.15	11.90	5777	Mz	L	NBR
.	57.15	12.70	1010	Mx	L	NBR
.	57.40	7.93	5867	Lz	L	NBR
.	57.96	6.35	5638	Mt	L	NBR
.	60.30	12.70	1241	Lx	L	NBR
.	60.50	12.70	5102	Lx	L	NBR
.	60.50	12.70	6830	Lz	L	NBR
.	61.90	7.54	6688	Lz	L	NBR
.	61.90	11.90	5100	Lz	L	NBR
.	62.03	12.70	5785	Mx	L	NBR
.	63.55	6.35	5593	Mt	L	NBR
.	63.55	12.70	5689	Lz	L	NBR
.	63.55	12.70	5690	Mx	L	NBR
.	68.22	6.35	5695	Lt	L	NBR
.	68.22	12.70	5239	Lx	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
34.93	72.00	7.90	6776	A 156	L	NBR
35.00	42.00	4.00	6916	A 215	L	NBR
.	44.50	7.00	8675	Mz	L	NBR
.	45.00	7.00	9112	Lx	L	NBR
.	45.00	10.00	9113	Lx	L	NBR
.	46.00	7.00	8664	Lx	L	NBR
.	46.45	6.40	8469	Lx	L	NBR
.	47.00	5.60	9672	A 156-R	H	FPM
.	47.00	7.00	5427	Lx	L	NBR / MVQ / ACM
.	47.00	7.00	5510	Mz	L	NBR
.	47.00	7.00	6885	Lx-R	H	ACM / FPM
.	47.00	7.00	9493	A 221	L	DUREZA85
.	47.00	10.00	9120	Lx	L	NBR
.	48.00	7.00	9205	Lx-R	H	ACM / FPM
.	48.00	8.00	9355	Lx	L	NBR / MVQ
.	48.00	10.00	9911	Lx-R	H	FPM
.	48.00	10.50	9798	Lx	L	NBR
.	48.00	11.00	9799	Lx	L	NBR
.	48.00	12.50	9562	Lx	L	NBR
.	49.00	6.00	8302	Lx	L	NBR / MVQ / ACM
.	49.00	6.00	8503	Lx-R	H	ACM / FPM
.	49.00	12.50	8637	Lx-R	AH	NBR
.	50.00	7.00	8821	Lx	L	NBR
.	50.00	8.00	6153	Lz	L	NBR / MVQ
.	50.00	8.00	6697	Lx-R	H	ACM
.	50.00	8.00	8130	Lx-R	H	ACM / FPM
.	50.00	8.00	8791	Lx	L	NBR
.	50.00	8.00	8797	Lx-R	H	ACM / FPM
.	50.00	8.00	9811	A 016	L	DUREZA85
.	50.00	10.00	5296	Lx	L	NBR / MVQ
.	50.00	10.00	8006	Mx-R	H	ACM / FPM
.	50.00	11.00	8769	Lx-R	AH	ACM
.	52.00	6.00	9134	Lx	L	NBR
.	52.00	7.00	9135	Lx	L	NBR
.	52.00	7.00	1363	A 156-R	H	FPM
.	52.00	8.00	9448	Lx	L	NBR
.	52.00	8.50	8092	A 046	L	NBR
.	52.00	8.80	5681	Mz	L	NBR / MVQ
.	52.00	9.00	8342	Lx	L	NBR
.	52.00	10.00	5097	Lx	L	NBR / MVQ
.	52.00	12.00	1210	Lx	L	NBR
.	52.37	11.11	5521	Mz	L	NBR
.	52.93	8.20	1004	Lx-H	AH	NBR
.	54.00	8.00	8571	Lx-H	AH	ACM / FPM
.	54.00	8.00	9368	Lx	L	NBR
.	54.00	10.00	8449	Lz	L	NBR
.	54.00	10.0/15.0	9276	A 103	Bidi	NBR
.	54.55	10.50	5178	Lz	L	NBR
.	54.90	9.0/14.7	9221	A 128	Bidi	NBR
.	55.00	8.00	8660	Lx	L	NBR
.	55.00	10.00	6320	Lx	L	NBR
.	55.00	11.00	8526	Lx-H	H	ACM
.	55.25	10.00	5173	Lx	L	NBR / FPM
.	56.00	7.00	8892	Lx	L	NBR
.	56.00	8.00	8893	Lx	L	NBR
.	56.00	8.00/11.30	9909	A 308-R	AH	NBR
.	56.00	9.0/15.0	9554	A 109	L	NBR
.	56.00	9.50	6105	Lx	L	NBR / MVQ
.	56.00	10.00	5335	Lx	L	NBR
.	56.00	10.00	9857	Lz-R	AH	ACM
.	56.00	12.00	5336	Lx	L	NBR
.	56.00	12.00	5775	Mz	L	NBR
.	58.00	8.0/11.3	1288	A 308-R	H	ACM
.	58.00	10.00	5180	Lx	L	NBR
.	58.00	12.00	5095	Lz	L	NBR
.	58.00	12.00	8234	Lx	L	NBR / MVQ

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
35.00	58.15	12.70	9691	Mx	Bidi	NBR
.	60.00	8.00	9338	Lx	L	NBR
.	60.30	9.50	6820	Mx	L	NBR
.	62.00	3.0/8.0	8431	A 038	L	NBR
.	62.00	7.00	8194	Lx	L	NBR
.	62.00	8.00	9908	A 308-R	H	NBR
.	62.00	9.0/15.5	9979	A 330	L	NBR
.	62.00	9.50	1293	Mx	L	NBR
.	62.00	10.00	5029	Lx	L	NBR/ACM/MVQ/FPM
.	62.00	10.00	8247	Lx-R	H	NBR / MVQ
.	62.00	10.00	8456	Lx-R	AH	NBR
.	62.00	12.00	5786	Lz	L	NBR
.	62.00	12.00	8373	Lx	L	NBR
.	62.00	27.50	1233	A 113	L	FPM
.	63.00	10.0/16.0	1139	A 103	Bidi	NBR
.	63.00	16.00	8434	A 053	L	NBR
.	64.00	8.00	9403	Lx	L	NBR
.	64.00	13.00	8651	Lx	L	NBR
.	65.00	8.00	9330	Lx	L	NBR
.	65.00	12.00	8653	Lx	L	NBR
.	68.00	8.00	9390	Lx	L	NBR
.	70.00	8.00	9152	Lx	L	NBR
.	72.00	8.00	9315	Lx	L	NBR
.	72.00	10.00	9461	Lx	L	NBR
.	72.00	12.00	5805	Mx	L	NBR
.	72.00	12.00	8455	Lx-H	H	NBR
.	72.00	12.00	9154	Lx	L	NBR
.	72.50	16.00	8436	A 053	L	NBR
.	78.00	8.00	9361	Lx	L	NBR
.	80.00	8.00	9364	Lx	L	NBR
.	80.00	9.00	8631	Lx-H	AH	ACM
.	80.00	10.00	9158	Lx	L	NBR
.	82.90	10.00	9744	Lx	Bidi	NBR
.	92.0/98.0	13.0/27.0	1303	A 430	L	NBR
35.05	50.80	8.33	1090	A 206	L	NBR
35.50	58.00	11.3/19	9887	A 331	Bidi	FPM
35.53	58.21	13.20	5533	Mx	L	NBR
35.80	68.00	10.00	5549	Mx	L	NBR / MVQ
.	68.00	12.00	5550	Mz	L	NBR
.	68.00	12.00	9547	Mx	L	NBR
36.00	44.00	5.00	9176	Lx	L	DUREZA85
.	46.00	5.00	9115	Lx	L	NBR
.	46.00	5.0/9.0	8329	A 004	L	NBR
.	47.00	7.00	9433	Lx	L	NBR
.	48.00	8.00	9123	Lx	L	NBR
.	48.00	10.00	5562	Mx	L	NBR
.	48.00	10.00	5563	Lz	L	NBR
.	48.00	10.00	6732	Lz-R	AH	NBR
.	48.00	10.00	8163	Lx	L	NBR / MVQ
.	49.00	7.00	8602	Lx-H	H	ACM
.	49.00	7.00	9563	Lx	L	NBR
.	50.00	6.50	8464	Mx	L	NBR
.	50.00	7.00	8796	A 156-R	H	ACM / FPM
.	50.00	7.00	9127	Lx	L	NBR
.	50.00	8.00	8402	Lx-R	AH	ACM / FPM
.	52.00	7.00	9136	Lx	L	NBR
.	52.00	8.00	9341	Lx	L	NBR
.	52.00	10.00	8466	Lx	L	NBR
.	52.00	10.00	9503	Lx-R	AH	NBR
.	52.50	11.50	8223	Lz	L	NBR
.	54.00	7.00	5527	Mz	L	NBR / MVQ
.	54.00	7.00	5946	Mx	L	NBR / MVQ



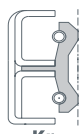
Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
36.00	54.00	7.00	9138	Lx	L	NBR
.	54.00	7.50	5486	Lz	L	NBR
.	54.00	8.0/11.0	6807	A 030	L	NBR
.	54.00	11.00	8062	Lx	Bidi	NBR
.	55.00	8.00	9419	Lx	L	NBR
.	56.00	8.00	9144	Lx	L	NBR
.	56.00	10.00	5337	Lx	L	NBR
.	58.00	8.00	9424	Lx	L	NBR
.	60.00	8.00	9437	Lx	L	NBR
.	60.00	9.50	8705	Lx	Bidi	NBR
.	62.00	8.00	9442	Lx	L	NBR
.	68.00	10.00	5240	Lz	L	NBR
.	70.00	8.00	9407	Lx	L	NBR
.	72.00	8.00	9367	Lx	L	NBR
.	83.00	12.00	5990	Lz	L	NBR
36.50	50.50	7.00	9258	Lx-R	H	ACM
.	52.30	8.00	9202	Lx-R	H	ACM / FPM
36.51	57.20	12.70	5865	Lx	L	NBR
.	61.90	7.50	5542	Mz	L	NBR
.	68.22	12.70	5696	Lz	L	NBR
36.60	52.35	8.00	9268	Mx-R	H	ACM / FPM
36.91	52.37	4.36	5522	Mt	L	NBR
37.00	50.00	10.00	1230	Lx	L	NBR
.	50.00	11.00	1225	A 349	L	DUREZA85
.	52.00	7.00	9427	Lx	L	NBR
.	55.00	10.00	9440	Lx	L	NBR
.	60.00	12.0/30.0	9694	A 289-R	AH	NBR / ACM
.	62.00	12.50	9968	A 358	L	NBR
.	66.00	9.5/13.5	1127	A 369	L	NBR
.	72.00	12.0/14.50	1237	A 114	L	MVQ
.	76.00	9.5/13.5	1152	A 369	L	NBR
37.50	50.00	6.00	8585	Lx-R	H	ACM
37.70	55.00	8.00	5773	Mz	L	NBR
.	58.06	7.00	9280	A 101	L	NBR
.	62.00	7.00	9759	A 101	L	NBR
38.00	47.00	7.00	8609	Lx-R	H	ACM
.	47.00	7.00	9568	Lx	L	NBR
.	47.00	10.00	8644	Mz	L	NBR
.	48.00	4.00	8761	Ms	L	NBR
.	49.30	8.0/12.0	9973	A 118-R	AH	ACM
.	50.00	6.00	8399	Lx-R	H	ACM / FPM
.	50.00	7.00	5297	Lx	L	NBR / MVQ
.	50.00	8.00	8887	Lx	L	NBR
.	50.00	8.00	9640	A 156-R	H	FPM
.	50.00	10.00	9128	Lx	L	NBR
.	50.00	10.0/16.0	5603	A 204	L	NBR
.	51.00	5.70	9540	Mx	L	NBR
.	52.00	6.00	9649	Lx-R	H	FPM
.	52.00	7.00	8187	Mz	L	NBR
.	52.00	7.00	9137	Lx	L	NBR
.	52.00	8.00	5151	Lx	L	NBR / MVQ / FPM
.	52.00	8.50	6799	A 082	L	NBR
.	52.00	10.00	1199	Lx	L	NBR
.	52.00	10.00	5525	Mz	L	NBR
.	52.25	6.20	8674	Mt	L	NBR
.	52.25	7.00	1229	Lz	L	NBR
.	54.00	7.00	8600	Lx-R	H	ACM
.	54.00	8.00	9564	Lx	L	NBR
.	54.00	9.0/15.5	1112	A 109-R	H	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
38.00	54.00	10.00	5528	Mz	L	NBR
.	54.00	10.00	9421	Lx	L	NBR
.	55.00	7.00	8809	Lx	L	NBR
.	55.00	8.00	8518	Lx-H	H	ACM / FPM
.	55.25	9.00	5174	Lx	L	NBR
.	56.00	8.00	9449	Lx	L	NBR
.	56.00	9.0/15.5	1113	A 109-R	AH	NBR
.	56.00	10.00	5338	Lx	L	NBR
.	58.00	8.50	8403	Lx-R	H	ACM
.	58.00	11.00	8045	Mx	L	NBR
.	58.00	11.00	8058	Lx-R	H	NBR / ACM
.	58.50	7.00	8086	Lz	Bidi	NBR
.	59.00	8.00	9452	Lx	L	NBR
.	59.00	8.0/13.5	1252	A 308-R	AH	NBR
.	59.00	9.00	8219	Lx-R	H	ACM
.	59.00	14.00	9541	Lx	L	NBR
.	60.00	7.00	8897	Lx	L	NBR
.	60.00	8.00	8898	Lx	L	NBR
.	60.00	8.0/14.5	8736	A 109-R	H	NBR
.	60.00	10.00	5187	Lz	L	NBR
.	60.24	12.70	1093	A 098	L	NBR
.	62.00	7.00	9150	Lx	L	NBR
.	62.00	7.00	9895	Mz	L	NBR
.	62.00	8.5/3.0	8816	A 038	L	NBR
.	62.00	10.00	5065	Lz	L	NBR / MVQ / FPM
.	62.00	10.00	5299	Lx	L	NBR
.	62.00	12.00	5787	Mz	L	NBR
.	65.00	10.00	5220	Lx	L	NBR
.	65.00	12.00	9371	Lx	L	NBR
.	65.00	12.0/19.0	8634	A 103	L	NBR
.	70.00	8.00	9374	Lx	L	NBR
.	72.00	7.00	9161	Lz	L	NBR
.	72.00	10.00	9381	Lx	L	NBR
.	72.00	12.00	5142	Lx	L	NBR / MVQ / FPM
.	73.95	11.00	8291	Mx-R	H	NBR
.	74.00	8.00	9157	Lx	L	NBR
.	74.00	9.00	9665	A 274-R	H	ACM
.	74.00	10.00	5883	Lx	L	NBR
.	74.00	11.00	8682	Mx-H	H	ACM
.	78.00	8.00	9372	Lx	L	NBR
.	80.00	8.00	9408	Lx	L	NBR
.	90.00	8.00	9429	Lx	L	NBR
38.10	47.62	4.76	5601	Mt	L	NBR
.	47.63	6.35	5602	Mz	L	NBR
.	50.30	11.10	9727	Kz	L	NBR
.	50.36	6.35	9551	Mx	L	NBR
.	50.36	9.90	5298	Lz	L	NBR
.	50.36	11.90	5762	Mz	L	NBR
.	50.40	10.31	5606	Mt	L	NBR
.	50.52	6.35	5514	Mt	L	NBR
.	50.52	6.35	5515	Ms	L	NBR
.	50.52	6.35	5516	Mx	L	NBR
.	50.80	6.35	5607	Mz	L	NBR
.	50.80	6.35	9579	Mx	L	NBR
.	50.80	11.10	1036	Mx	L	NBR
.	51.20	5.40	5941	Mx	L	NBR
.	52.37	11.11	5150	Lz	L	NBR
.	52.37	11.11	6325	Ls	L	NBR
.	52.40	7.14	5149	Lz	L	NBR
.	53.97	11.11	5596	Mz	L	NBR
.	55.55	11.11	5862	Lz	L	NBR
.	57.15	8.00	5864	Lz	L	NBR
.	57.15	9.52	1024	Mz	L	NBR
.	57.15	12.70	5778	Mz	L	NBR
.	57.94	12.0/14.0	5639	A 006	L	NBR
.	58.06	7.00	6908	A 101	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
38.10	59.13	12.70	9570	Mx	L	NBR
.	60.00	12.70	6115	Lz	L	NBR
.	60.30	12.70	5536	Mx	L	NBR
.	60.30	12.70	5782	Mz	L	NBR
.	60.30	12.70	8739	Mx-R	AH	NBR
.	60.30	12.70	9580	Lx	L	NBR
.	60.30	15.87	5831	A 083	L	NBR / MVQ / ACM
.	60.30	15.87	5835	A 092	L	NBR
.	60.30	19.05	5188	Mx	L	NBR / MVQ
.	60.32	12.70	1081	A 098	L	NBR
.	61.16	13.49	5687	Lz	L	NBR
.	61.90	9.52	9589	Mx	L	NBR
.	63.55	7.90	5594	Mz	L	NBR
.	63.55	9.52	5490	Lz	L	NBR
.	63.55	12.70	5691	Mz	L	NBR
.	63.55	16.66	5692	Mx	L	NBR
.	68.22	12.70	5697	Lz	L	NBR
.	69.85	11.90	5797	Mz	L	NBR
.	76.12	12.70	5886	Lz	L	NBR
.	77.75	12.70	6331	Mz	L	NBR
.	79.38	15.87	5809	Mx	L	NBR
38.17	60.33	12.70	5950	Mx	L	NBR
38.50	52.20	5.0/15.0	9681	A 286	L	NBR
.	58.00	8.50	8500	Lx-H	H	ACM
38.54	50.80	8.0/9.9	8159	A 097	L	NBR
38.63	67.46	12.70	5954	Mz	L	NBR
.	67.46	15.08	6102	A 098-R	H	NBR / MVQ
.	67.56	10.77	1122	A 098-R	AH	FPM
38.81	66.62	6.35	5547	Mt	L	NBR
38.86	60.29	12.70	6769	Mx	L	NBR
39.00	50.00	7.00	1251	Lx-R	H	FPM
.	50.40	8.50	8354	A 235	L	NBR
.	52.00	6.0/11.0	9969	A 103	L	NBR
.	62.00	9.50	8190	Lz	L	NBR
.	63.00	7.0/9.4	9605	A 256	L	NBR
.	74.00	11.00	8046	Lx	L	NBR / MVQ
.	76.50	10.5/14.0	9935	A 294	L	NBR
39.40	63.55	12.70	8679	Lx	Bidi	NBR
39.42	57.10	8.00	6801	Mz	L	NBR
.	63.55	12.70	5120	Lz	L	NBR / MVQ
.	63.55	12.70	8229	Lx	L	NBR / MVQ
.	70.40	6.3/16.38	1033	A 003	L	NBR
.	74.50	11.90	5969	Lx	L	NBR
.	80.20	6.4/11.8	8292	A 054	H	NBR
.	80.26	14.25	5205	A 003	L	NBR / MVQ / ACM
.	80.26	16.30	1064	A 197	L	ACM
.	80.27	14.25	5038	A 005	L	NBR
.	80.27	14.25	8406	A 055-R	H	NBR
.	80.27	22.00	9920	A 344	Bidi	ACM
39.60	52.00	10.0/11.0	9555	A 114	L	NBR
39.62	61.98	12.70	5544	Mx	L	NBR
39.69	52.37	6.35	5526	Mt	L	NBR
.	55.55	7.93	5863	Lz	L	NBR
.	57.83	12.00	5825	Lz	L	NBR
.	58.98	9.75	5487	Lx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
39.69	58.98	9.75	6692	Lz-R	H	NBR
.	60.30	9.50	6790	Lz	L	NBR
.	62.00	19.05	5943	Mx	L	NBR
.	64.59	18.25	6336	A 020	L	NBR
.	66.62	12.70	5793	Mz	L	NBR
.	68.22	9.52	5698	Lz	L	NBR
.	68.25	12.70	5699	Lz	L	NBR
.	68.27	11.11	5241	Lx	L	NBR / MVQ
39.70	62.00	11.00	8612	Lx-H	H	ACM
39.90	45.80	5.5/7.2	9631	A 266	L	DUREZA85
39.95	62.00	7.40	9826	Lx-R	H	FPM
40.00	50.00	7.00	9129	Lx	L	NBR
.	52.00	3.0/8.5	9214	A 082	L	NBR
.	52.00	6.00	8529	Lx-R	H	ACM
.	52.00	7.00	5148	Lx	L	NBR / MVQ / FPM
.	52.00	7.00	8606	Lx-H	H	ACM / FPM
.	52.00	7.00	8663	Mx	L	NBR
.	52.00	7.50	8662	Lx	L	NBR
.	52.00	9.00	8008	Lx	Bidi	NBR / ACM
.	52.00	10.00	8890	Lx	L	NBR
.	52.0/58.0	7.50/6.00	9223	A 170	L	NBR
.	52.04	5.1/8.9	1085	A 170	L	NBR
.	53.0/72.0	30.00	9621	A 260	L	NBR
.	54.00	5.00	8215	Mx	L	NBR
.	54.00	7.00	9139	Lx	L	NBR
.	54.00	10.00	9505	Lx	L	NBR
.	55.00	6.50	9207	Ms	L	NBR / ACM
.	55.00	7.00	9565	Lx	L	NBR
.	55.00	8.00	5175	Lx	L	NBR / MVQ
.	55.00	8.00	8573	Mx-R	H	ACM / FPM
.	55.00	8.00	8721	Lx	Bidi	NBR/ACM
.	55.00	8.0/14.0	1250	A 308	Bidi	NBR
.	55.00	8.30	1084	A 201	L	NBR
.	55.00	9.50	8418	Mx	Bidi	NBR
.	55.00	10.00	5176	Lz	L	NBR / MVQ
.	55.00	10.00	5177	Lx	L	NBR / MVQ / FPM
.	56.00	7.00	6123	Mx-R	H	ACM / FPM
.	56.00	7.00	8894	Lx	L	NBR
.	56.00	8.00	5339	Lx	L	NBR / ACM
.	56.00	8.50	8486	Lt	L	DUREZA85
.	56.00	8.50	9517	Lt	L	DUREZA85
.	56.00	9.00	8727	Mx	L	NBR
.	56.00	10.00	5636	Mz	L	NBR
.	56.00	10.00	5637	Mr	L	NBR
.	56.00	10.0/20.0	9292	A 180	L	NBR
.	56.00	12.00	5340	Lz	L	NBR
.	58.00	7.00	8895	Lx	L	NBR
.	58.00	8.80/15	1365	A 432-R	AH	ACM
.	58.00	10.00	5182	Lx	L	NBR / MVQ / FPM
.	58.00	10.0/17	9906	A 109-R	AH	ACM
.	58.00	11.00	1131	Lx-R	AH	ACM
.	58.00	11.30	8490	A 075	Bidi	NBR / ACM
.	58.00	12.00	5181	Lz	L	NBR
.	58.04	9.00	1083	A 098	L	NBR
.	59.00	9.00	9542	Lx	L	NBR
.	60.00	7.00	5585	Mz	L	NBR
.	60.00	8.00	9345	Lx	L	NBR
.	60.00	10.00	5189	Lx	L	NBR / MVQ / FPM
.	60.00	10.00	5208	Lz-R	H	NBR
.	60.00	10.0/11.5	9480	A 209	L	ACM
.	62.00	3.30	9222	A 038	L	NBR
.	62.00	7.00	8853	Lz	L	NBR / MVQ
.	62.00	7.00	8900	Lx	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
40.00	62.00	10.00	5069	Lx	L	NBR / MVQ
.	62.00	11.50	5300	Lz	L	NBR / MVQ
.	62.00	11.50	8707	Lx	L	NBR
.	62.00	12.00	5944	Mz	L	NBR
.	62.00	12.00	8060	Lx-R	H	NBR
.	62.00	13.00	5301	Lz	L	NBR / MVQ
.	62.00	13.00	5303	Lx	L	NBR / MVQ / FPM
.	65.00	8.00	9349	Lx	L	NBR
.	65.00	12.00	5553	Lx	L	NBR
.	68.00	7.00	9533	Lx	L	NBR
.	69.00	14.00	1369	A 345	Bidi	NBR
.	69.00	15.40	9904	A 345	Bidi	NBR
.	70.00	8.00	9411	Lx	L	NBR
.	70.00	13.00	9685	A 287	L	ACM
.	72.00	7.00	9155	Lx	L	NBR
.	72.00	10.00	9156	Lx	L	NBR
.	72.00	11.0/18.5	1132	A 369	L	NBR
.	72.00	11.50	6644	Lz	L	NBR
.	72.00	11.50	8140	Lx	L	NBR
.	72.00	11.50	9229	Kz	L	NBR
.	74.00	8.00	9416	Lx	L	NBR
.	74.00	10.0/18.5	9934	A 103	L	NBR
.	75.00	8.00	9420	Lx	L	NBR
.	75.00	10.8/15.5	1371	A 296	Bidi	ACM
.	75.00	12.00	8013	A 050-R	H	ACM
.	75.00	12.00	8222	Lx	L	NBR
.	76.00	9.0/12.5	9504	A 109-R	H	ACM
.	78.00	8.00	9634	Lx	L	NBR
.	80.00	7.00	6635	Lx	L	NBR
.	80.00	8.00	9595	Lt	L	NBR
.	80.00	10.00	9369	Lx	L	NBR
.	80.00	10.00	9473	Lz-R	H	NBR
.	80.00	12.00	6645	Lz	L	NBR
.	80.00	12.00	8152	Lx	L	NBR
.	82.00	8.00	9567	Lx	L	NBR
.	84.00	12.00	6741	Lz	L	NBR
.	85.00	8.00	9425	Lx	L	NBR
.	85.00	10.00	9159	Lx	L	NBR
.	90.00	8.00	9409	Lx	L	NBR
.	90.00	10.00	9220	Kz	L	NBR
.	90.00	12.00	9201	Lx	L	NBR
.	116.00	13.0/17.0	8338	A 135	L	NBR
.	--	21.00	8243	A 093	L	NBR
.	--	--	9616	A 267-R	H	FPM
40.10	61.16	12.70	5206	Kx	L	NBR
.	61.16	13.49	5039	Kz	L	NBR
40.48	53.97	7.93	5597	Mz	L	NBR
.	63.40	7.31	6342	Ls	L	NBR
.	70.05	12.70	5802	Mz	L	NBR
40.50	56.00	7.00	6811	Lz	L	NBR
.	62.00	5.00	9560	Ls	L	NBR
41.00	50.00	5.00	8200	Lt	L	NBR
.	53.00	7.00	8079	LMx	L	NBR
.	53.00	8.0/10.5	1236	A090	L	DUREZA85
.	56.00	7.00	8640	Mz	L	NBR
.	56.00	10.00	6778	Mz	L	NBR
.	59.00	9.00	9981	Lx	L	NBR
.	59.00	10.0/15	1359	A 308-R	H	NBR
.	59.00	11.00	1120	A 248	L	NBR
.	61.00	10.0/15	1360	A 308-R	AH	NBR
.	62.00	12.00	9954	A 106	L	FPM
.	65.40	13.00	8089	Mx	L	NBR
.	65.45	13.00	5546	Mx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
41.00	74.00	11.0/18.5	9960	A 308-R	Bidi	FPM
.	74.00	12.00	5884	Lz	L	NBR
41.10	50.70	6.35	1226	Mx	L	NBR
.	65.40	12.40	9692	Mz	Bidi	NBR
41.20	49.28	6.20	6774	Mx	L	MVQ / ACM
.	50.80	4.76	9233	Ms	L	NBR
.	63.50	12.70	5945	Mz	L	NBR
41.27	57.10	7.92	1037	Mx	L	NBR
.	62.00	9.65	1262	Mx	L	NBR
41.28	53.75	7.92	6839	Mx	L	NBR
.	53.98	6.35	1009	Mz	L	NBR
.	54.08	6.50	9897	Mx	L	FPM
.	60.30	9.52	5537	Mz	L	NBR
.	60.30	11.11	5783	Mz	L	NBR
.	60.40	11.10	5538	Mx	L	NBR
.	61.90	11.90	5788	Mz	L	NBR
.	65.07	6.35	9612	A 246	L	NBR
.	66.62	12.70	5794	Mz	L	NBR
.	69.85	6.35	5956	Mt	L	NBR
.	70.20	6.35	5646	Lt	L	NBR
.	73.02	11.90	5169	Lz	L	NBR
.	75.84	6.35	5648	Mz	L	NBR
.	82.58	12.70	5717	Lz	L	NBR
41.40	70.60	7.90	8711	Mx	L	NBR
41.50	63.40	10.00	5874	Lz	L	NBR
41.67	73.76	14.00	5968	Lz	L	NBR
41.92	62.03	10.00	1124	Lz-R	H	ACM
42.00	53.00	7.00	9283	Lx-R	H	ACM / FPM
.	53.00	8.00	8216	Mx	L	NBR
.	54.00	5.80	9606	Lx-R	H	FPM
.	55.00	7.00	5599	Mx	L	NBR
.	55.00	7.00	9141	Lx	L	NBR
.	55.00	9.00	8423	Mx	L	NBR
.	55.00	9.00	8610	Lx-H	H	ACM
.	56.00	7.00	5557	Lz	L	NBR / MVQ
.	56.00	7.00	6871	A 136-R	AH	ACM
.	56.00	7.00	8038	Lx-R	H	ACM
.	56.00	7.00	9302	Lx	L	NBR
.	56.00	8.00	5209	A 136	L	NBR
.	56.00	8.00	5210	A 335	L	NBR
.	56.00	7.00	5211	A 136-R	H	ACM
.	57.50	9.00	5868	Lz	L	NBR
.	58.00	7.00	8415	Mz	L	NBR
.	58.00	8.00	9445	Lx	L	NBR
.	58.00	10.00	5869	Lz	L	NBR
.	58.00	11.00	1121	A 368-R	AH	ACM
.	58.00	13.50	8451	A 069	L	NBR
.	60.00	6.00	8507	Lx-R	H	ACM / FPM
.	60.00	7.00	8666	Lx-R	H	ACM / FPM
.	60.00	8.00	9447	Lx	L	NBR
.	60.00	10.00	5488	Lx	L	NBR / MVQ / ACM
.	60.00	10.00	5871	Lz	L	NBR
.	60.00	10.00	6687	Mx-R	H	ACM
.	60.00	12.00	5872	Lz	L	NBR / MVQ
.	62.00	6.00	8703	Lx	L	NBR
.	62.00	7.00	8901	Lx	L	NBR
.	62.00	8.00	8510	Lx-R	H	ACM / FPM
.	62.00	10.00	5070	Lz	L	NBR / MVQ



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
42.00	62.00	12.00	5789	Mz	L	NBR
.	62.0/64.0	21.20	9224	A 130-R	H	ACM
.	64.00	12.0/16.0	6786	A 026	L	NBR
.	65.00	8.00	9426	Lx	L	NBR
.	65.00	12.00	5221	Lx	L	NBR / MVQ
.	65.00	12.00	5583	Mz	L	NBR
.	65.00	14.00	6890	A 025	L	NBR
.	66.00	8.00	9192	Lx-R	H	ACM / FPM
.	67.00	10.00	9829	Lx	Bidi	NBR
.	68.00	8.00	8908	Lx	L	NBR
.	68.00	10.00	8909	Lx	L	NBR
.	70.00	8.00	9451	Lx	L	NBR
.	70.00	10.00	8917	Lx	L	NBR
.	72.00	10.00	5127	Lz	L	NBR / MVQ
.	72.00	10.00	8371	Lx	L	NBR
.	72.50	12.00	8649	Mx-H	H	NBR
.	75.0/99.5	12.0/7.50	9767	A 296-R	H	ACM
.	76.00	13.5/19.0	1278	A 296	L	ACM
.	80.00	8.00	9378	Lx	L	NBR
.	80.00	10.00	8936	Lx	L	NBR
42.40	66.90	12.80	5642	Mx	L	NBR
42.50	54.90	7.30	1055	A 201	L	NBR
.	66.62	12.70	6127	A 083	L	NBR
.	66.90	15.87	5953	Mx	L	NBR
42.70	67.58	11.0/16	1361	A 331	Bidi	ACM
42.78	63.66	48.60	8133	A 041	L	NBR
42.80	69.16	10.30	6357	Ls	L	NBR
42.86	57.93	12.70	5183	Lz	L	NBR
.	59.13	12.70	8029	A 248	L	NBR
.	63.48	6.35	6358	Ls	L	NBR
.	63.55	12.70	5589	Mz	L	NBR
.	63.55	19.05	6359	Mx	L	NBR
.	65.25	9.5/11.91	1042	A 187	Bidi	NBR
.	66.57	12.70	6143	A 014	L	NBR
.	68.22	12.70	5700	Lz	L	NBR
.	69.88	12.70	5798	Mz	L	NBR
.	70.20	6.35	5776	Lt	L	NBR
.	76.12	12.70	5975	Mz	L	NBR
42.98	54.10	7.49	1025	Mx	L	NBR
43.00	52.00	6.50	9875	Lx	L	NBR
.	53.00	8.00	1283	Ms	L	NBR
.	55.00	8.00	1044	A 189	L	NBR
.	56.00	6.00	5341	Lz	L	NBR
.	59.00	10.00	9925	A 075-R	AH	FPM
.	60.00	7.00	6895	Lx	L	NBR / ACM
.	60.00	10.00	6647	Lz	L	NBR
.	60.00	10.00	6695	Lz-R	H	NBR
.	62.00	12.00	8011	Mx	Bidi	ACM
43.40	56.10	9.00	6680	A 083-R	H	ACM / FPM
43.66	65.05	12.70	9548	Mx	L	NBR
.	65.07	12.70	9603	A 246	L	NBR
43.80	69.30	12.70	5492	Lz	L	NBR
.	69.30	12.70	5493	Lx	L	NBR
.	92.03	12.70	5456	Lz	L	NBR
44.00	58.00	7.00	8328	Mz	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
44.00	59.33	6.35	5535	Mt	L	NBR
.	60.00	8.00	9382	Lx	L	NBR
.	60.00	10.00	8899	Lx	L	NBR
.	62.00	8.00	9377	Lx	L	NBR
.	62.00	8.0/14.0	8286	A 057	L	NBR
.	62.00	12.00	5790	Mz	L	NBR
.	62.30	12.00	5304	Lz	L	NBR / FPM
.	63.50	9.50	6104	Lx-R	H	ACM
.	63.50	9.50	6698	Lz	L	NBR
.	65.00	8.00	8191	Lz-R	H	NBR
.	65.00	10.00	5222	Lx	L	NBR
.	65.00	11.00	8583	Lx-H	H	ACM / FPM
.	68.00	8.00	9457	Lx	L	NBR
.	68.00	14.00	6896	Mx	L	ACM
.	70.00	8.00	9438	Lx	L	NBR
.	72.00	8.00	9428	Lx	L	NBR
.	72.00	10.00	9453	Lx	L	NBR
.	76.10	12.70	8691	Lz	L	NBR
.	76.25	12.70	6100	A 079	L	NBR
.	79.90	12.00	1294	Mx	L	NBR
44.17	71.42	15.09	1073	A 098	L	NBR
44.19	62.19	10.00	5302	Lz	L	NBR
44.20	60.00	7.00	8129	Lx-R	H	ACM / FPM
.	71.40	10.0/16.5	9285	A 103-R	H	NBR / ACM
.	71.45	14.80	8408	A 224-H	H	NBR
44.40	54.00	8.00	8267	LMx	L	NBR
.	71.60	15.30	6101	A 098	L	NBR
44.45	53.97	4.70	6103	Lz	L	NBR
.	53.97	4.84	5598	Mz	L	NBR
.	60.30	11.11	5539	Mz	L	NBR / MVQ
.	60.30	11.11	6679	Mx-R	H	ACM
.	60.30	11.13	6920	Mx-R	H	ACM
.	61.90	6.35	5791	Mt	L	NBR
.	61.95	9.52	5792	Mz	L	NBR
.	62.00	11.91	9585	A 246	L	NBR
.	62.15	6.35	5032	A 159	L	NBR
.	63.50	7.95	1290	A 428	Bidi	FPM
.	63.55	7.93	5590	Mz	L	NBR
.	63.55	12.70	5694	Mz	L	NBR
.	63.55	12.70	5752	Mx	L	NBR
.	65.15	7.92	1017	Mx	L	NBR
.	66.57	12.0/23.0	9888	A 332	Bidi	FPM
.	66.62	16.70	6371	Mx	L	NBR
.	66.68	7.93	5877	Lx	L	NBR
.	66.80	7.36	9538	A 101	L	NBR
.	68.22	12.70	5701	Lz	L	NBR
.	68.22	15.87	6758	Kx	L	NBR
.	69.85	12.70	5800	Mz	L	NBR
.	70.05	12.70	5803	Mz	L	NBR
.	71.33	7.14	5959	Lx	L	NBR
.	73.02	16.66	5965	Mx	L	NBR
.	73.03	11.90	5842	Mz	L	NBR
.	75.28	6.35	5970	Lt	L	NBR
.	76.20	12.70	1030	Mz	L	NBR
.	77.75	12.70	5979	Mz	L	NBR
.	81.00	11.90	5709	Lx	L	NBR
.	85.63	15.87	5558	Lx	L	NBR
44.50	57.15	6.35	6817	Mz	L	NBR
.	62.00	10.00	8050	Lx	L	NBR
44.70	61.20	9.00	6719	Mx-H	H	ACM



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
44.85	61.42	9.52	5045	Mz	L	NBR / ACM / MVQ
.	61.42	9.52	6691	Mx-R	H	ACM
.	72.03	7.14	5960	Mz	L	NBR
44.95	66.62	12.70	5795	Mz	L	NBR
45.00	55.00	7.00	8891	Lx	L	NBR
.	57.00	7.00	9673	Mx-R	H	FPM
.	57.88	9.50	5184	Lx	L	NBR
.	58.00	8.00	8608	Lx-H	H	ACM / FPM
.	58.00	8.00	9413	Lx	L	NBR
.	59.00	10.00	5534	Mz	L	NBR
.	59.13	10.00	9021	Lx	L	NBR
.	60.00	7.00	8105	Lx	L	NBR / MVQ
.	60.00	7.00	8106	Lz	L	NBR / FPM
.	60.00	7.00	8376	Lx-R	H	ACM
.	60.00	7.0/8.0	9509	Lx	L	DUREZA85
.	60.00	8.00	5586	Mz	L	NBR
.	60.00	8.00	9294	Lx	L	NBR
.	60.00	8.00	9905	Lx	Bidi	ACM
.	60.00	9.00	8709	Lx-R	H	ACM / FPM
.	60.00	10.00	5588	Lx	L	NBR / ACM
.	60.00	10.00	8032	Lx-R	H	ACM
.	61.00	10.00	5540	Mz	L	NBR
.	62.00	7.00	5214	Mz	L	NBR
.	62.00	7.00	5215	Mz-R	H	NBR
.	62.00	7.00	8902	Lx	L	NBR
.	62.00	8.00	5305	Lx	L	NBR / MVQ
.	62.00	8.00	5840	A 001	L	NBR
.	62.00	8.00	8489	Lt	L	DUREZA85
.	62.00	8.00	8512	Lx-H	H	ACM
.	62.00	8.00	9518	Lt	L	DUREZA85
.	62.00	10.00	5072	Lz	L	NBR / MVQ / FPM
.	62.00	10.00	8072	Lz-R	AH	NBR
.	62.00	10.00	8686	Lx	L	NBR
.	62.00	12.00	5071	Lz	L	NBR / MVQ
.	62.00	12.00	8136	Lx	L	NBR
.	63.00	7.00	8208	Lx	L	NBR
.	63.00	7.50	9882	Lx-R	H	FPM
.	64.00	9.00	8048	Lx	L	NBR
.	65.00	5.00	8656	Mx	L	NBR
.	65.00	8.00	5231	Lx	L	NBR / MVQ / ACM / FPM
.	65.00	8.00	9287	Lx-R	AH	ACM
.	65.00	9.00	8186	Mx-H	H	NBR / ACM
.	65.00	9.0/13.0	1265	A 109-R	Bidi	ACM
.	65.00	10.00	5212	A 079	L	NBR
.	65.00	10.00	5213	A 079-R	H	ACM
.	65.00	10.00	5223	Lz	L	NBR / MVQ / FPM
.	65.00	10.00	8233	Lx	L	NBR / MVQ
.	65.00	12.00	5555	Lz	L	NBR
.	66.00	6.00	5491	Lx	L	NBR
.	67.00	11.8/15.0	6750	A 001	L	MVQ
.	68.00	8.50	8506	Lx-R	H	ACM
.	68.00	10.00	8910	Lx	L	NBR
.	68.00	10.0/17.0	5834	A 023	L	NBR
.	68.00	12.00	8031	Lx-H	H	NBR / ACM
.	70.00	8.00	8918	Lx	L	NBR
.	70.00	10.00	8919	Lx	L	NBR
.	70.00	14.0/17.0	1211	A 168	L	NBR
.	70.00	14.0/24.0	1367	A 369-R	H	ACM
.	72.00	7.00	8924	Lx	L	NBR
.	72.00	10.00	5144	Lz	L	NBR / MVQ
.	72.00	10.00	8925	Lx	L	NBR
.	72.00	12.00	5476	Mz	L	NBR
.	72.00	12.00	8296	Lx	L	NBR
.	72.00	12.0/19.5	1114	A 103-R	H	NBR / ACM
.	73.10	13.00	8409	A 113	Bidi	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
45.00	75.00	8.00	9454	Lx	L	NBR
.	75.00	10.00	8930	Lx	L	NBR
.	75.00	10.00	9851	Lx-R	AH	FPM
.	75.00	12.00	8294	Lx	L	NBR
.	76.00	9.00	8014	Lz	L	NBR
.	76.00	12.00	8803	A 134	L	NBR
.	80.00	9.50	8148	Lx	L	NBR
.	80.00	10.00	8943	Lx	L	NBR
.	80.00	13.00	5367	Lx	L	NBR
.	CI 84.80	21.00	8304	A 214	L	NBR
.	85.00	10.00	9375	Lx	L	NBR
.	85.00	12.00	5993	Mz	L	NBR
.	85.00	12.00	6767	Lx	L	NBR
.	100.00	10.00	9961	Lx	L	FPM
45.60	65.24	6.35	5822	Lx	L	NBR
.	69.24	13.49	5823	Lz	L	NBR
45.80	66.57	12.70	5640	Mr	L	NBR
.	70.55	10.80	9768	A 098-R	H	ACM
46.00	58.00	7.00	9933	Lx-R	H	FPM
.	59.00	7.00	9676	A 156-R	H	FPM
.	59.00	9.00	8896	Lx	L	NBR
.	59.10	12.00	8647	Lx	L	NBR
.	60.00	7.00	8579	Lx-H	AH	ACM
.	60.30	9.50	6386	Mt	L	NBR
.	62.00	8.0/14.0	1219	A 109	L	NBR
.	63.00	9.00	8307	Mx	L	NBR
.	65.00	16.00	8303	A 064	L	NBR
.	65.50	7.00	8333	Lx	L	NBR
.	72.00	8.00	9432	Lx	L	NBR
.	72.00	10.00	8926	Lx	L	NBR
.	72.87	8.75	6388	Ls	L	NBR
.	73.00	8.00	9435	Lx	L	NBR
.	75.28	6.35	5048	Lz	L	NBR
.	76.00	5.0/6.0	9772	Mz	L	NBR
.	76.27	12.70	6130	A 020-R	H	NBR
.	78.00	10.00	5987	Mx-R	H	NBR
.	78.00	10.00	8934	Lx	L	NBR
.	94.20	8.0/10.0	1191	A 293	L	NBR
.	102.00	10.5/15.5	9801	A 294	L	NBR
46.25	66.62	6.35	5830	A 159	L	NBR
46.30	66.60	6.40	8419	Mz	L	NBR
46.43	69.78	12.30	5345	Lx	L	NBR
46.81	69.88	10.80	1198	A 098-R	H	ACM/FPM
47.00	60.00	8.00	9455	Lx	L	NBR
.	62.00	8.00	5306	Lz	L	NBR
.	62.00	8.00	9300	Lx	L	NBR
.	62.00	8.80	9288	Lz-R	H	ACM / FPM
.	CI 63.00	19.00	9883	A 333	L	NBR
.	65.00	11.00	5224	Lx	L	NBR / FPM
.	68.00	8.00	9384	Lx	L	NBR
.	69.00	7.5/26.0	1285	A 431	Bidi	NBR
.	69.00	10.0/16.0	9860	A 109	Bidi	NBR
.	70.00	5.50	9545	Ls	L	NBR
.	70.00	8.00	9387	Lx	L	NBR
.	72.00	8.00	9393	Lx	L	NBR
.	80.00	6.35	5360	Lt	L	NBR
.	80.00	7.5/26.0	1284	A 431	Bidi	NBR
.	80.00	10.0/16.0	9861	A 109	Bidi	NBR
.	80.00	13.80	9650	Mx	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
47.00	81.02	17.00	8743	Lx	L	NBR
.	84.00	9.5/12.5	1302	A 308	L	FPM
.	88.00	10.0/12.0	1268	A 114	L	NBR
.	120.00	15.00	9558	A 232	L	NBR
47.50	80.00	14.50	9929	A 296-R	H	FPM
47.60	57.15	5.00	9628	Mz-R	H	FPM
.	63.70	10.00	9902	A 340	H	ACM
.	66.70	11.30	9623	Lx-R	H	FPM
.	68.00	10.00	9846	A 098-R	H	ACM
.	68.00	14.00	9482	A 210-R	H	ACM
.	68.20	13.80	6798	A 101	L	NBR
.	69.17	8.00	6893	Mx	L	NBR
.	69.85	9.50	1209	Lx	L	NBR
.	70.55	13.50	8701	Mz	L	NBR
.	80.25	6.5/16.5	8265	A 109-R	H	NBR
.	80.26	13.00	6159	A 022	L	NBR
47.62	73.00	12.20	6800	A 025	L	NBR
.	73.06	12.70	8020	A 187	L	NBR
.	88.87	17.00	8232	Lx	L	NBR
47.63	61.02	6.35	5541	Mt	L	NBR
.	63.52	11.11	5753	Mz	L	NBR
.	63.52	12.70	5754	Mz	L	NBR
.	64.95	8.28	5225	Lz	L	NBR / MVQ
.	64.95	8.28	6686	Lz-R	H	ACM
.	65.00	13.00	6164	Mz	L	NBR
.	65.05	11.90	5554	Lx	L	NBR
.	66.62	12.70	5796	Mz	L	NBR
.	66.67	9.52	5876	Lz	L	NBR
.	68.22	12.70	5688	Lz	L	NBR
.	69.01	11.11	6397	Ls	L	NBR
.	69.88	12.70	5346	Lz	L	NBR / MVQ / FPM
.	70.26	16.66	6399	Lx	L	NBR
.	70.61	6.35	5958	Mt	L	NBR
.	70.66	15.87	6099	Kx	L	NBR
.	73.03	11.90	5966	Mz	L	NBR
.	73.40	12.50	5967	Mz	L	NBR
.	75.33	6.35	5047	Lt	L	NBR
.	76.12	12.70	5974	Mx	L	NBR
.	77.75	12.70	5983	Mz	L	NBR
.	80.26	17.90	1060	A 197	L	ACM
.	80.27	13.39	6131	A 019	L	NBR
47.65	65.20	11.90	6753	Mz	L	NBR / ACM
47.70	72.95	12.00	9719	Kz	L	NBR
.	73.10	9.5/17.5	9638	A 270	L	NBR
47.90	69.85	11.90/31.0	1208	A 393-Bidi	Bidi	FPM
48.00	58.00	4.00	8487	Ls	L	NBR
.	58.00	7.00	9289	Lx	L	NBR
.	60.00	21.00	9916	LMx-R	H	ACM
.	62.00	7.00	8083	Mx	L	NBR
.	62.00	7.00	9296	Lx	L	NBR
.	62.00	7.00	9777	Lx	Bidi	ACM
.	62.00	9.00	5307	Lx	L	NBR / MVQ / FPM
.	62.00	9.0/24.0	8633	A 065	L	NBR
.	63.00	11.00	9399	Lx	L	NBR
.	65.00	7.50	1134	Lx-R	AH	ACM
.	65.00	8.00	8905	Lx	L	NBR
.	65.00	10.00	5226	Lx	L	NBR / MVQ / FPM
.	65.00	10.00	6859	Lx-R	AH	NBR
.	65.00	10.00	6861	A 082-R	AH	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
48.00	65.00	10.50	5227	Lz	L	NBR / MVQ
.	65.00	14.00	5229	Lz	L	NBR
.	68.00	7.00	9995	Lx-R	H	ACM/FPM
.	68.00	8.50	9179	Lx	L	NBR
.	68.00	10.00	8911	Lx	L	NBR / FPM
.	68.00	10.0/17.0	5838	A 023	L	NBR
.	68.00	11.00	8584	Lx-H	H	ACM
.	68.00	14.00	5094	Lx	L	NBR / MVQ
.	68.50	10.0/36.5	9918	A 343-R	H	ACM
.	70.00	8.00	8920	Lx	L	NBR
.	70.00	9.00	8207	Lx	L	NBR / MVQ
.	70.00	9.00	8607	Lx-R	H	ACM / FPM
.	70.00	10.00	8921	Lx	L	NBR
.	70.00	12.00	8214	Lx-R	H	MVQ
.	72.00	7.00	5128	Lx	L	NBR / MVQ
.	72.00	8.00	8927	Lx	L	NBR
.	72.00	8.4/9.0	9477	A 208	L	NBR
.	72.00	10.00	5145	Lz	L	NBR / MVQ / FPM
.	72.00	10.00	8689	Lx	L	NBR
.	72.00	12.00	5099	Lz	L	NBR
.	74.00	10.00	9396	Lx	L	NBR
.	75.00	8.00	8725	Mz-R	H	FPM
.	75.00	14.0/17.0	1304	A 423	L	NBR
.	78.00	8.00	9404	Lx	L	NBR
.	80.00	10.00	8323	Lz	L	NBR
.	80.00	10.00	1245	A 401	L	NBR
.	80.00	12.00	8139	Lx	L	NBR
.	80.00	13.00	6403	A 094	L	NBR
.	82.00	8.00	9385	Lx	L	NBR
.	82.00	12.00	8460	Mx-R	H	NBR
.	88.00	8.00	9397	Lx	L	NBR
.	90.00	8.00	9388	Lx	L	NBR
.	101.80	12.00	6749	Lz	L	NBR
48.30	85.85	8.00	6404	Ls	L	NBR
48.40	72.37	11.90	1259	A 411-R	H	FPM
48.42	80.11	9.52	5194	A 011	L	NBR
.	81.00	11.90	5027	Lz	L	NBR / MVQ
.	81.00	11.90	5992	Lx	L	NBR
48.70	58.00	5.5/8.5	6887	A 131	L	NBR
48.90	63.00	7.00	1126	A 109	L	NBR
49.00	59.35	11.50	8748	Mx	L	NBR
.	65.00	16.00	8435	A 053	L	NBR
.	65.50	7.50	9693	A 288	L	NBR
.	68.00	8.00	1136	Lx-R	H	NBR
.	68.00	9.75	1266	A 156	L	FPM
.	CI 75.50	23.50	8135	A 092	L	NBR
.	76.00	17.40	8263	A 111	L	NBR
.	100.00	8.00	9698	A 293	L	NBR
49.20	62.50	8.0/13.0	9624	A 190	L	NBR
.	63.55	7.14	5489	Lx	L	NBR / MVQ
.	63.55	9.52	5591	Mz	L	NBR
.	65.05	9.50	6406	Lz	L	NBR
.	65.06	12.70	5111	Mx	L	NBR / MVQ
.	65.06	12.70	5204	Mz-R	H	ACM
.	66.57	6.5/14.48	1015	A 190	L	NBR
.	66.62	7.18	5952	Mt	L	NBR
.	68.22	9.52	6771	Lx	L	NBR
.	68.22	12.70	5551	Lz	L	NBR
.	69.88	9.52	5347	Lx	L	NBR
.	73.02	12.70	6768	Mz	L	NBR



Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
49.20	76.22	12.70	5978	Lx	L	NBR
.	76.22	17.85	5977	Lx	L	NBR
.	80.90	11.00	9757	Kx	L	NBR
49.22	63.55	7.14	1080	A 199	L	NBR
49.30	68.15	13.50	9831	Mr	L	FPM
49.50	66.60	6.35	5548	Mt	L	NBR / MVQ
50.00	62.00	7.00	1133	Lx-R	H	FPM
.	62.00	7.00	8278	Lz	L	NBR
.	62.00	7.00	9303	Lx	L	NBR
.	63.50	7.00	6124	A 199	L	NBR
.	64.00	7.00	8904	Lx	L	NBR
.	64.00	8.00	1135	Lx-R	H	NBR
.	65.00	8.00	5582	Mz	L	NBR
.	65.00	8.00	6181	Lx	L	NBR / FPM
.	65.00	8.00	9271	Lx-R	AH	ACM / FPM
.	65.00	8.00	9932	Mx	Bidi	ACM
.	65.00	9.75/14.0	6873	A 103	L	NBR
.	65.00	10.00	5230	Lz	L	NBR / MVQ / ACM / FPM
.	65.00	10.00	6877	A 036	L	NBR
.	65.00	10.00	8325	Lx	L	NBR
.	65.00	10.00	8340	Lz-R	H	ACM
.	66.00	10.00	5641	Mz	L	NBR
.	66.50	13.0/16.0	9817	A 308	L	NBR
.	67.00	8.00	8290	Lx	L	NBR
.	67.00	11.00	5878	Lz	L	NBR
.	67.00	11.00	8643	A 183	L	NBR
.	67.50	8.0/13.5	9172	A 073	L	NBR
.	68.00	7.0/9.0	8742	A 171	L	NBR
.	68.00	8.00	8053	Lx-R	H	ACM
.	68.00	8.00	9423	Lx	L	NBR
.	68.00	9.00	8082	Mx	L	NBR
.	68.00	9.0/14	1272	A 109-R	H	FPM
.	68.00	10.00	6883	Lx-R	H	ACM / FPM
.	68.00	10.00	8912	Lx	L	NBR
.	68.00	14.00	5643	Mz	L	NBR
.	70.00	8.00	8922	Lx	L	NBR
.	70.00	9.00	8044	Mx	L	NBR / MVQ
.	70.00	9.5/12.5	9836	A 053	L	NBR
.	70.00	10.00	1182	A 156-R	H	FPM
.	70.00	10.00	5957	Mz	L	NBR
.	70.00	10.00	9295	Lx	L	NBR
.	72.00	7.00	8928	Lx	L	NBR / MVQ
.	72.00	10.00	5141	Lz	L	NBR / MVQ / FPM
.	72.00	10.00	8162	Lx	L	NBR
.	72.00	10.00	9728	Lz-R	AH	ACM
.	72.00	12.00	5147	Lx	L	NBR / MVQ
.	72.00	12.00	8508	Lx-R	H	ACM
.	72.00	14.50	1279	A 415	L	NBR
.	72.50	11.0/16.0	1248	A 053	L	NBR
.	74.00	10.0/15.0	9874	A 104	Bidi	NBR
.	75.00	10.00	8468	Lx	L	NBR
.	75.18	6.35	5357	Lt	L	NBR
.	80.00	8.00	9422	Lx	L	NBR
.	80.00	10.00	1227	A 402	L	NBR
.	80.00	10.00	5195	Lx	L	NBR / MVQ
.	80.00	10.00	5196	Ls	L	NBR
.	80.00	10.0/10.5	8344	A 114	L	NBR
.	80.00	13.00	5704	Lz	L	NBR
.	80.00	13.00	8161	Lx	L	NBR
.	82.00	8.00	9414	Lx	L	NBR
.	82.00	10.0/11.0	8127	A 101	L	NBR
.	82.18	25.50	6414	A 093	L	NBR
.	82.18	25.50	6414/1	A 092	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
50.00	84.00	10.00	6740	Lz	L	NBR
.	85.00	10.00	8383	Lx	L	NBR
.	90.00	5.0/8.0	6849	A 117	L	NBR
.	90.00	8.00	9394	Lx	L	NBR
.	90.00	10.00	5276	Lx	L	NBR
.	90.00	10.00	8804	Mx	L	NBR
.	92.00	8.00	9520	Lx	L	NBR
.	110.00	10.00	8840	Lx	L	NBR
.	116.00	13.0/17.0	9557	A 135	L	NBR
50.37	79.90	6.85	6911	A 012	L	NBR
50.50	66.00	3.0/6.0	6918	A 337	L	NBR
50.57	73.66	7.36	9539	A 101	L	NBR
50.60	71.40	12.0/14.0	9884	A 329	L	NBR/ACM
.	71.40	14.00	9532	Mz	L	MVQ/ACM
50.77	66.60	6.35	6904	Ms	L	NBR
50.80	CI 57.95	11.50	6755	A 033	L	NBR
.	61.36	9.52	8204	Mz	L	NBR
.	63.55	6.35	5592	Mz	L	NBR
.	65.00	7.00	8453	A 072	L	NBR
.	65.05	9.00	8113	Lx	L	NBR
.	65.07	5.76	1038	Mt	L	NBR
.	65.08	12.70	8088	Mx	L	NBR
.	65.10	11.90	5581	A 159	L	NBR
.	65.10	14.35	5580	A 177	L	NBR
.	66.60	7.00	1062	A 201	L	NBR
.	66.62	6.35	9293	Mt	L	NBR
.	66.62	6.5/16.26	1058	A 200	L	NBR
.	67.5/86.0	14.28	6706	A 080	L	NBR
.	68.97	11.11	5879	Lz	L	NBR
.	69.75	9.52	1045	Mz	L	ACM
.	69.85	9.50	8121	Lz-R	H	ACM
.	69.88	9.52	5348	Lx	L	NBR / MVQ
.	69.88	9.52	9474	Lz	L	NBR
.	69.88	9.52/12.52	9486	A 053	L	NBR
.	69.88	12.70	5349	Lz	L	NBR
.	70.26	16.66	6420	Lx	L	NBR
.	73.00	12.70	9717	Kz	L	NBR
.	73.02	12.70	5964	Mz	L	NBR
.	73.03	19.05	6421	Mx	L	NBR
.	75.26	12.70	6094	A 010	L	NBR
.	75.36	7.93	5971	Lz	L	NBR
.	76.12	12.70	1052	A 205	L	NBR
.	76.12	12.70	5972	Mz	L	NBR
.	76.12	15.87	5973	Mx	L	NBR
.	76.12	18.25	6423	Mx	L	NBR
.	77.76	12.70	5984	Mz	L	NBR
.	79.96	11.11	5705	Lz	L	NBR
.	80.00	6.35	5274	Ls	L	NBR
.	80.11	9.52	5190	A 011	L	NBR
.	81.00	11.90	5710	Lx	L	NBR
.	81.00	11.90	9756	Kx	L	NBR
.	81.00	17.85	5711	A 039	L	NBR
.	85.63	11.90	6002	Lz	L	NBR
.	90.00	12.70	5723	Lz	L	NBR
.	92.00	12.70	5726	Lz	L	NBR
.	--	14.20	6107	A 086	L	NBR
.	--	14.28	8155	A 141	L	NBR
.	--	14.28	5033	A 141	L	NBR / FPM
50.90	56.80	5.9/7.2	9630	A 266	L	DUREZA85



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
51.00	58.00	4.00	8719	M t	L	NBR
.	61.00	5.50	8201	Lz	L	NBR
.	63.00	6.00	8221	Ms	L	NBR
.	63.00	8.70	8381	Ms	L	NBR
.	68.00	9.50	8227	Lz	L	NBR
.	70.00	11.00	8577	Lx-H	H	ACM
52.00	62.00	10.00	8903	Lx	L	NBR
.	65.00	8.00	8906	Lx	L	NBR
.	65.00	9.00	8047	Mx	L	NBR
.	66.00	7.5/12.0	8427	A 103	L	NBR
.	67.00	7.50	8638	A 095	L	NBR
.	68.00	6.00	9704	Mt	L	NBR
.	68.00	7.00	8913	Lx	L	NBR
.	68.00	7.0/13.0	8382	A 190	L	NBR
.	68.00	7.5/12.5	8404	A 103	L	NBR
.	68.00	8.00	8914	Lx	L	NBR
.	68.00	13.00	1022	A 191	L	NBR
.	68.00	13.00	8289	A 162	L	NBR
.	68.00	13.50	8480	Mx	L	NBR
.	69.00	10.00	5880	Lz	L	NBR
.	70.00	8.00	9342	Lx	L	NBR
.	70.00	8.50	8511	Lx-R	H	ACM
.	70.00	10.00	9804	Mx	L	NBR
.	72.00	7.5/16.0	8279	A 056	L	NBR
.	72.00	9.00	8550	Lx-R	H	ACM
.	72.00	10.00	5129	Lx	L	NBR / MVQ
.	72.00	12.00	5475	Mx	L	NBR / MVQ / ACM
.	75.00	12.00	5353	Lx	L	NBR
.	80.00	7.00	5813	A 012	L	NBR
.	80.00	10.00	8937	Lx	L	NBR
.	85.00	10.00	9401	Lx	L	NBR
.	102.00	10.5/15.3	9927	A 294	L	ACM
.	112.00	10.5/15.5	9700	A 294	L	NBR
52.02	69.27	6.7/14.48	1069	A 190	L	NBR
52.20	85.09	11.90	5994	Mz	L	NBR
52.24	82.55	12.70	8147	Lz	L	NBR
52.40	72.19	11.11	5807	Lz	L	NBR
.	73.02	9.52	5647	Mz	L	NBR
.	74.70	8.40	8266	A 101	L	NBR
.	76.17	7.93	6129	Lt	L	NBR
.	76.20	7.90	8334	Mz	L	NBR
.	80.00	6.35	5197	Lt	L	NBR
.	81.00	11.00	5361	Lz	L	NBR
.	81.00	11.00	5890	Lx	L	NBR
.	81.00	11.00	6694	Lz-R	H	ACM
.	81.00	11.50	5035	Kx	L	NBR / MVQ
.	81.00	11.50	5036	Kz	L	NBR
.	81.00	11.50	6693	Kx-H	H	ACM
52.90	78.65	2.0/10.5	8475	A 068	L	NBR
53.00	68.00	10.00	5552	Mx	L	NBR
.	68.00	10.00	8128	Lz	L	NBR
.	68.00	11.70	1260	A 409	L	NBR
.	68.20	7.00	8287	Lx	L	NBR
.	69.00	16.00	9779	A 304	L	NBR
.	75.00	12.00	8437	Kz	L	NBR
53.06	69.04	10.32	8028	A 248	L	NBR
53.50	81.00	11.90	6705	A 111	L	NBR
.	90.00	13.00	5461	Lz	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
53.98	75.39	16.99	9903	A 341	L	NBR
.	79.76	11.11/14.17	1071	A 202	L	NBR
.	81.00	11.90	9689	A 216	L	NBR
.	92.08	9.52	8224	Lx	L	NBR
54.00	64.00	9.0/24.0	9863	A 321	L	NBR
.	65.00	13.00	8288	Mx	L	NBR
.	68.00	10.00	8915	Lx	L	NBR
.	68.00	10.50	5238	Lx	L	NBR / MVQ
.	72.00	10.00	5882	Lx	L	NBR
.	73.00	11.00	9724	Mx	Bidi	ACM
.	73.02	8.00	5826	Lx	L	NBR
.	73.02	12.70	5963	Mz	L	NBR
.	73.02	16.66	5962	Mx	L	NBR / MVQ
.	73.50	8.00	8251	Lx	L	NBR
.	74.0/84.0	13.00	1261	A 427-R	H	FPM
.	76.00	8.0/11.0	9967	A 103	L	NBR
.	76.12	12.70	5942	Mz	L	NBR
.	76.12	19.05	6443	Mx	L	NBR
.	77.75	12.70	5982	Mz	L	NBR
.	77.75	15.80	5981	Lx	L	NBR
.	79.35	12.7/19.0	8786	A 103-H	H	NBR
.	79.40	12.70	5810	Mz	L	NBR
.	79.40	19.05	6444	A 111	L	NBR
.	80.00	11.1/16.6	8839	A 074	Bidi	NBR
.	81.00	11.90	5362	Lx	L	NBR / MVQ / FPM
.	81.10	21.00	6763	A 102	L	MVQ
.	82.00	11.00	8805	Lx	L	NBR
.	85.00	10.00	9450	Lx	L	NBR
.	85.09	11.90	5995	Mz	L	NBR / FPM
.	85.09	11.90	8410	Lx	L	NBR
.	90.00	12.50	9723	Mx	Bidi	ACM
.	91.38	12.00	6446	Ls	L	NBR
54.10	73.00	8.50	8264	Mx	L	NBR
55.00	65.00	9.00	8907	Lx	L	NBR
.	68.00	8.00	8916	Lx	L	NBR
.	68.00	8.00	9670	A 156-R	H	FPM
.	68.00	8.0/11.7	9290	A 179	L	NBR
.	69.00	10.00	6860	A 082-R	AH	ACM
.	70.00	6.0/9.5	8312	A 109	L	NBR
.	70.00	8.00	1184	A 156-R	H	FPM
.	70.00	8.00	5350	Lz	L	NBR / MVQ
.	70.00	8.00	8793	A 114	Bidi	NBR
.	70.00	8.00	9301	Lx	L	NBR
.	70.00	10.00	8923	Lx	L	NBR / MVQ
.	70.00	12.30	8790	A 158	L	NBR
.	70.30	8.00	9615	A 156-R	AH	FPM
.	72.00	7.50	8398	Lx	L	NBR
.	72.00	8.0/13.5	1240	A 400	L	FPM
.	72.00	10.00	5146	Lx	L	NBR / MVQ / FPM
.	72.00	10.00	8025	Lz-R	H	MVQ
.	72.00	10.00	8752	Mx	L	NBR
.	72.00	12.00	5808	Mz	L	NBR
.	75.00	7.50	9286	Mx	Bidi	NBR
.	75.00	8.00	8931	Lx	L	NBR
.	75.00	10.00	8695	Lz	L	NBR
.	75.00	10.00	9305	Lx	L	NBR
.	75.00	12.00	5354	Lz	L	NBR / MVQ
.	76.00	9.00	8015	Lz	L	NBR
.	76.00	9.00	9987	Kz	L	NBR
.	78.00	10.00	8935	Lx	L	NBR
.	78.00	12.00	8206	Mz	L	NBR
.	78.00	12.00	8587	Lx-H	H	ACM
.	80.00	8.00	8938	Lx	L	NBR
.	80.00	10.00	5198	Lz	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
55.00	80.00	10.00	5888	Lx	L	NBR/MVQ/ACM/FPM
.	80.00	10.00	6878	Lx-R	H	FPM
.	80.00	11.0/14.5	8281	Mx	L	NBR
.	80.00	13.00	5706	Lx	L	NBR
.	80.00	13.0/18.0	8341	A 151	L	NBR
.	80.00	15.00	8789C/AR	A 226	L	NBR
.	82.00	10.00	9418	Lx	L	NBR
.	82.00	12.00	5363	Lz	L	NBR
.	85.00	8.00	9443	Lx	L	NBR
.	85.00	10.00	8944	Lx	L	NBR
.	85.00	12.00	8153	Lx	L	NBR / MVQ
.	85.00	25.00	5370	A 020	L	NBR
.	85.80	12.00	9854	Lx	L	NBR
.	88.00	8.00	9405	Lx	L	NBR
.	90.00	10.00	8828	Lx	L	NBR
.	90.00	12.50	8355	Kz	L	NBR
.	90.00	13.00	5277	Lx	L	NBR
.	100.00	10.00	8960	Lx	L	NBR
.	100.00	16.00	5895	Lx	L	NBR
.	102.00	9.00	1282	A 293	L	NBR
55.10	82.00	10.00	8698	Mt	L	NBR
55.40	76.15	12.50	6821	Ms	L	NBR
.	76.15	12.70	8720	Mx	L	NBR
55.50	85.70	12.70	9282	Lx	L	NBR
55.55	73.03	9.52	9686	Kx	L	NBR
55.56	81.00	11.90	5712	Lz	L	NBR
.	81.00	17.46	5713	A 009	L	NBR
.	81.00	19.05	5714	A 020	L	NBR
.	82.58	12.70	5364	Lz	L	NBR / MVQ
.	82.60	19.05	5718	Lx	L	NBR
56.00	69.00	10.00	6111	A 082-R	AH	ACM
.	69.00	17.00	1206	A 065	L	NBR
.	72.00	8.00	9458	Lx	L	NBR
.	72.20	8.0/10.0	1228	A 398	L	DUREZA85
.	72.30	8.00	1216	A322	L	NBR
.	73.00	8.0/12.5	8426	A 103	L	NBR
.	73.00	10.00	8462	Mx	L	NBR
.	74.20	8.0/10.7	9291	A 179	L	NBR
.	75.00	7.50	8022	Mz-R	H	NBR
.	75.00	8.00	9400	Lx	L	NBR
.	75.00	8.0/12.5	8405	A 103	L	NBR
.	75.00	22.50	9667	A 281	L	NBR
.	76.00	6.0/12.0	9546	A 197	L	NBR
.	76.40	12.70	5494	Lz	L	NBR
.	76.40	12.70	5495	Lx	L	NBR
.	78.00	10.00	9456	Lx	L	NBR
.	78.00	13.00	5986	Lz	L	NBR
.	80.00	8.00	9446	Lx	L	NBR
.	80.00	10.00	8274	Lx-R	H	ACM
.	80.00	12.00	5199	Lz	L	NBR
.	82.00	8.00	9441	Lx	L	NBR
.	85.00	8.00	9439	Lx	L	NBR
.	85.00	10.0/11.0	8126	A 101	L	NBR
.	88.00	8.00	9436	Lx	L	NBR
.	112.00	8.0/10.0	1179	A 293	L	NBR
.	114.00	10.00	1117	A 366	L	NBR
56.93	CI 79.00	14.00	6106	A 015	L	NBR
.	--	14.00	6699	A 080-R	H	NBR / ACM
57.00	60.50	11.30	8730Pist	PISTA	L	CHAPA

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
57.00	66.80	5.00	9919	Mt	L	NBR
.	71.00	9.50	9203	Lx-R	H	ACM / FPM
.	76.00	9.00	8306	Lz	L	NBR
.	77.00	10.00	8218	Lx-R	AH	ACM / FPM
.	79.00	9.0/13.5	9970	A 359	L	NBR
.	81.00	11.11	5991	Mx	L	NBR
.	CI 84.80	21.00	8305	A 214	L	NBR
.	85.00	9.50	5843	Mx	L	NBR
.	85.00	12.00	9735	Mz	Bidi	ACM
.	92.00	11.00	9415	Lx	L	NBR
.	124.00	13.00	1192	A 382	L	NBR
57.15	76.12	6.35	5961	Mt	L	NBR
.	76.12	12.70	5976	Mz	L	NBR
.	76.12	15.87	5649	Mx	L	NBR
.	76.17	17.06	6455	Lx	L	NBR
.	76.20	9.50	6759	Mx	L	NBR / MVQ
.	77.75	6.35	9604	A 250	L	NBR
.	77.76	11.90	5988	Mz	L	NBR
.	79.38	11.90	5811	Mz	L	NBR
.	79.68	15.87	5989	Lx	L	NBR
.	81.00	11.11	5715	Lz	L	NBR
.	81.00	12.70	1027	Mx	L	NBR
.	81.00	17.75	5716	Lx	L	NBR
.	82.58	12.70	5719	Lz	L	NBR
.	82.58	12.70/14.95	1212	A396	L	NBR
.	82.58	17.45	5720	Lx	L	NBR
.	84.08	9.52	6108	Mz	L	NBR / MVQ
.	85.09	12.70	6001	Mz	L	NBR
.	85.09	12.70	6648	Lz	L	NBR
.	85.62	9.52	9549	Mx	L	NBR
.	85.63	11.90	6005	Lz	L	NBR
.	85.63	15.87	6171	Lx	L	NBR
.	85.63	17.85	6456	Mx	L	NBR
.	88.90	12.70	6011	Mz	L	NBR
.	92.03	17.85	5727	Lx	L	NBR
.	95.43	21.43	6458	A 152	L	NBR
.	101.81	22.22	6109	A 021	L	NBR
57.19	76.20	9.52	9964	Lx	L	NBR
57.20	82.50	9.50	8681	Mx-R	AH	NBR
.	82.60	14.00	9483	A 211-R	AH	ACM
.	92.00	18.00	1239	Kx	L	NBR
57.30	84.00	8.00	8670	Mz	L	NBR
57.40	105.00	6.00	8760	A 297	L	NBR
57.60	70.00	10.00	8314	Lx-H	AH	ACM
.	82.91	7.80	1189	A 367	L	NBR
58.00	63.50	9.50	6908Pist	A 229	L	CHAPA
.	63.50	9.50	9280Pist	A 229	L	CHAPA
.	70.00	7.50	1203	A 391	Bidi	NBR
.	72.00	8.00	8929	Lx	L	NBR
.	74.00	8.00	9241	A 145	L	ACM / FPM
.	74.00	10.00	8059	Lx-Hel	AH	ACM / FPM
.	75.00	9.00	8551	Lx-R	H	ACM
.	75.00	9.00	8706	Lx	L	NBR
.	75.00	10.00	1188	Lx-R	AH	ACM
.	75.00	10.00	8932	Lx	L	NBR
.	75.00	12.00	5355	Lz	L	NBR / MVQ / ACM / FPM
.	75.00	12.00	8680	Mx-R	AH	NBR
.	75.00	15.50	9485	A 324	L	ACM
.	78.00	8.00	9459	Lx	L	NBR
.	78.00	13.00	5985	Lz	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
58.00	80.00	10.00	8613	Lx-R	H	ACM / FPM
.	80.00	10.00	9431	Lx	L	NBR
.	80.00	10.0/12.0	5707	A 135	L	NBR
.	80.00	12.00	8611	Lx-R	H	ACM
.	80.00	13.00	5708	Lz	L	NBR
.	82.00	10.00	9260	Lx-R	H	ACM
.	85.00	10.00	5371	Lx	L	NBR
.	102.00	12.00	9682	A 184-R	H	ACM
.	103.00	12.0/20	1281	A 308	L	NBR
58.74	82.58	12.70	5721	Lz	L	NBR
.	85.09	7.93	5652	Mz	L	NBR
.	85.09	16.27	6465	Mx	L	NBR
59.00	74.00	12.00	5885	Lz	L	NBR
.	75.00	9.0/11.5	9778	A 103	L	NBR
.	76.00	9.00	6867	Mt	L	NBR
.	85.60	15.00	8787C/AR	A 226	L	NBR
.	85.60	17.50	8262	A 111	L	NBR
59.40	86.00	5.00	9543	Ls	L	NBR
60.00	70.00	9.10	8084	A 155	L	NBR
.	72.00	8.00	9444	Lx	L	NBR
.	73.00	10.50	9684	A 156	Bidi	FPM
.	74.00	8.00	9930	Mx	Bidi	ACM
.	75.00	7.00	1185	Lx-R	H	FPM
.	75.00	8.00	5356	Lz	L	NBR / MVQ / FPM
.	75.00	8.00	8154	Lx	L	NBR
.	77.00	7.5/14	1141	A 373	L	NBR
.	78.00	10.00	5358	Lz	L	NBR
.	78.0/82.0	9.00	8075	A 153-R	AH	MVQ
.	78.05	8.80	8693	Mx	L	NBR
.	79.00	11.00	8581	Lx-H	H	ACM
.	80.00	8.00	8629	Lx-R	AH	ACM
.	80.00	8.00	8940	Lx	L	NBR
.	80.00	10.00	5200	Lx	L	NBR / MVQ / FPM
.	80.00	10.0/12.0	6711	A 114	L	NBR
.	80.00	13.00	5201	Lx	L	NBR
.	80.00	14.00	9559	A 233	L	NBR
.	81.50	10.0/13.0	6707	A 031	L	NBR
.	82.00	8.00	5365	Lx	L	NBR / MVQ
.	82.00	9.00	8527	A 156-R	AH	ACM
.	82.00	10.00	8536	Lx-R	H	ACM
.	82.00	12.00	8533	Lx-H	H	ACM / FPM
.	82.00	12.00	8605	Lx-H	AH	ACM / FPM
.	82.00	12.00	9507	Lx	L	NBR
.	85.00	8.00	8946	Lx	L	NBR
.	85.00	10.00	6179	Lx	L	NBR / FPM
.	85.00	10.0/14.0	8747	A 092	L	NBR
.	85.00	14.00	8807	Lx	L	NBR
.	85.10	12.70	8700	Lz	L	NBR
.	90.00	9.20	6649	A 099	L	NBR
.	90.00	10.00	5278	Lx	L	NBR / MVQ
.	90.00	10.00	5724	Lz	L	NBR
.	90.00	10.00	1243	A 111	L	NBR
.	90.00	12.00	8952	Lx	L	NBR
.	90.00	13.00	5460	Lx	L	NBR
.	90.00	13.00	9803	A 111	L	NBR
.	90.00	14.0/16.3	9769	A 298-R	H	FPM
.	94.00	16.00	9471	A 139	L	NBR
.	95.00	10.00	8956	Lx	L	NBR
.	95.00	10.0/12.0	6712	A 114	L	NBR
.	95.00	13.00	5453	Lx	L	NBR
.	100.00	10.00	8961	Lx	L	NBR
.	102.00	13.00	6657	Lx	L	NBR
.	110.00	8.00	6720	Lz	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
60.00	110.00	13.00	8970	Lx	L	NBR
.	115.00	10.00	8249	Lx	L	NBR
60.23	85.73	22.86	6762	A 238	L	MVQ
60.30	79.40	12.00	9736	Mx	Bidi	ACM
.	85.10	6.40	1295	Mx	L	NBR
.	90.00	12.50	9722	Mx	L	ACM
.	92.00	12.00	8672	Mx-R	H	NBR / ACM
60.30/56.5	79.45	15.0/17.5	9894	A 348	L	NBR
60.32	79.35	11.00	8070	Mz-H	H	NBR / MVQ / ACM
.	85.70	12.70	8030	Lx	L	NBR / MVQ
.	--	11.00	6170	A 086	L	NBR
60.33	77.75	12.70	6471	Mz	L	NBR
.	79.37	10.80	6141	A 013-R	H	ACM
.	79.38	9.50	5887	Lz	L	NBR / MVQ
.	79.38	12.70	5812	Mz	L	NBR
.	82.58	12.70	5722	Lz	L	NBR
.	85.09	11.90	6000	Mz	L	NBR
.	85.09	17.85	5999	Mx	L	NBR
.	85.63	12.70	6004	Lz	L	NBR
.	88.00	7.35	6831	A 101	L	NBR
.	88.42	12.70	6007	Mz	L	NBR
.	88.42	17.46	6472	Mx	L	NBR
.	88.90	11.11	6010	Mz	L	NBR
.	92.03	17.85	5728	Lx	L	NBR
.	--	12.70	6113	A 086	L	NBR
60.40	79.35	9.30	8413	A 156-R	H	ACM
.	79.40	9.30	8723	Lx-H	H	ACM / FPM
61.47	76.20	7.0/9.0	1014	A 190	L	NBR
61.90	92.03	9.52	5829	A 010	L	NBR
62.00	80.00	9.50	6162	Mz	L	NBR
.	80.00	10.00	8941	Lx	L	NBR
.	80.00	13.00	5650	Mz	L	NBR
.	85.00	8.00	8945	Lx	L	NBR
.	85.00	10.00	8662	A 303	L	NBR
.	85.00	10.00	8947	Lx	L	NBR
.	85.00	12.50	8615	Lx-H	H	ACM
.	85.09	9.50	6815	Mz	L	NBR
.	90.00	8.00	8953	Lx	L	NBR
.	90.00	10.00	8954	Lx	L	NBR
.	95.00	10.00	9412	Lx	L	NBR
.	100.00	10.00	9383	Lx	L	NBR
.	100.00	12.00	5080	Lx	L	NBR / MVQ / FPM
.	100.00	12.00	9591	Kz	L	NBR
.	105.00	8.00	5232	Lz	L	NBR
63.00	78.00	9.5/15.0	9760	A 103	L	NBR
.	80.00	12.00	8481	Mx	L	NBR
.	88.00	10.00	5827	Lz	L	NBR
.	90.00	7.70	8343	A 099	L	NBR
.	90.00	17.00	8470	A 111	L	NBR
.	102.00	11.00	9855	Lx	L	NBR
.	105.00	13.20	6879	A 101	L	NBR
.	110.00	17.40	8836	A 111	L	NBR
63.30	92.50	8.30	9710	A 101	L	NBR
63.50	82.58	9.52	5366	Lx	L	NBR
.	82.58	12.70	5109	Lz	L	NBR



Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
63.50	82.58	12.70	5651	Mx	L	NBR
.	82.60	10.00	6835	Lz	L	NBR
.	83.85	11.51	1075	A 098	L	NBR
.	84.10	9.50	8308	A 098	L	NBR
.	85.09	12.70	5998	Mz	L	NBR
.	85.09	19.05	6480	Mx	L	NBR
.	85.55	12.70	9734	Mx	L	NBR
.	85.65	12.70	6003	Lz	L	NBR
.	88.90	12.70	5656	Mx	L	NBR
.	88.90	12.70	6009	Mz	L	NBR
.	88.90	15.87	6008	Mx	L	NBR
.	88.90	19.05	6482	Mr	L	NBR
.	89.02	6.35	9588	A 250	L	NBR
.	89.90	12.00	9754	Kx	L	NBR
.	90.00	11.90	5725	Lz	L	NBR
.	90.00	15.87	6013	Mx	L	NBR
.	92.03	11.90	6016	Mz	L	NBR
.	95.28	12.70	5730	Lz	L	NBR
.	98.45	3.0/15.0	9194	A 121-H	H	NBR / ACM
.	98.45	11.90	6018	Mz	L	NBR
.	102.50	17.5/24.0	1238	A 197-R	H	FPM
64.00	80.00	8.00	5191	Lx	L	NBR / MVQ
.	80.00	8.00	5193	Lz-R	AH	NBR / MVQ / ACM
.	80.00	8.00	6487	Lx-R	AH	ACM / FPM
.	80.00	8.00	6870	Lz-R	H	ACM
.	80.00	9.00	9664	A 278-R	H	FPM
.	85.00	16.00	5372	Lz	L	NBR
.	85.00	16.00	5373	Lx	L	NBR
.	88.00	6.00	9654	A 156-R	H	FPM
.	--	19.00	9830	A 316-R	AH	FPM
64.26	--	12.30	6132	A 086	L	NBR
65.00	75.00	7.00	8933	Lx	L	NBR
.	77.00	7.50	1128	Mx	L	NBR
.	80.00	8.00	8802	Lz	L	NBR
.	80.00	8.00	8939	Lx	L	NBR
.	80.00	9.00	9695	Lz	L	NBR
.	80.00	10.00	8942	Lx	L	NBR
.	85.00	8.0/3.8	9642	Lz	L	NBR
.	85.00	10.00	8948	Lx	L	NBR
.	85.00	12.00	5374	Lz	L	NBR / MVQ
.	85.00	12.00	5653	Mz	L	NBR
.	85.00	12.00	6889	Lx-R	H	NBR
.	85.00	12.00	6914	Lx	L	NBR
.	85.00	12.00	8099	A 257-H	H	ACM
.	86.00	12.50	6722	Lz	L	NBR
.	88.00	12.00	8567	Lx-H	H	ACM / FPM
.	90.00	10.00	5279	Lz	L	NBR / MVQ
.	90.00	10.00	8365	Lx	L	NBR / MVQ
.	90.00	12.00	8955	Lx	L	NBR
.	90.00	12.0/16.0	5892	A 117	L	NBR
.	90.00	13.00	5457	Kx	L	NBR
.	90.00	13.00	6161	Lr	L	NBR
.	90.00	13.00	6689	Mz-R	H	ACM
.	90.00	13.00	8180	Mx	L	NBR
.	90.00	15.00	6826	Mx-R	H	NBR / ACM
.	90.00	15.00	9871	A 327-R	H	ACM
.	92.00	13.00	1116	Mx	L	NBR
.	92.00	17.80	9753	Kx	L	NBR
.	94.70	12.50	1218	A 397	L	NBR
.	95.00	10.00	8476	Lx	L	NBR
.	95.00	14.00	8522	Lx-R	H	ACM
.	95.00	16.00	5731	Lz	L	NBR
.	95.28	12.70	5732	Lz	L	NBR
.	100.00	10.00	8962	Lx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
65.00	100.00	13.00	6637	Mx	L	NBR
.	100.00	13.00	9843	Lx	L	NBR
65.50	100.25	13.3/22.3	9773	A 302	L	NBR
65.88	88.42	12.70	6006	Mz	L	NBR
66.00	85.00	8.0/10.00	9800	A 303	L	NBR
.	85.00	10.00	8018	Lz-R	AH	MVQ
.	90.00	24.00	8174	A 060-H	H	MVQ
66.50	92.02	9.52	6777	LMx	L	NBR
66.60	98.45	11.90	6019	Mz	L	NBR
66.67	89.30	10.00	9278	Mx-R	H	ACM / FPM
.	92.02	11.12	1031	Mx	L	NBR
66.68	85.00	10.00	5376	Lx	L	NBR / FPM
.	85.09	7.93	5375	Lz	L	NBR
.	85.09	10.00	5996	Mz	L	NBR
.	85.09	12.70	5997	Mz	L	NBR
.	85.70	19.05	6495	Lx	L	NBR
.	88.45	12.70	5655	Mz	L	NBR
.	89.05	12.70	6012	Mz	L	NBR
.	89.05	12.70	8393	Mx	L	MVQ
.	92.03	11.90	5455	Lz	L	NBR
.	92.03	11.90	8173	A 183	L	NBR
.	92.03	19.05	5729	Kx	L	NBR
.	95.22	15.87	6791	Mx	L	NBR
.	104.78	15.87	5898	Lx	L	NBR
.	112.70	11.11	5091	Lx	L	NBR
.	112.70	11.11	5560	Kz	L	NBR
.	115.88	21.50	6496	A 024-R	H	NBR / ACM
.	115.88	21.50	8337	A 024	L	NBR / FPM
66.70	85.70	10.00	9872	Mx-R	H	FPM
.	92.00	12.00	9752	Kx	L	NBR
.	95.25	12.70	8677	Lz	L	NBR
.	101.60	17.40	8261	A 111	L	NBR
66.72	92.02	12.70	8203	Mz	L	NBR
67.00	80.00	13.00	8808	Lx	L	NBR
67.25	96.60	12.70	1217	Mz	L	NBR
68.00	80.00	8.00	8240	A 062	L	NBR
.	84.00	8.50	9185	Lx-R	AH	ACM
.	85.00	8.00	9460	Lx	L	NBR
.	85.00	9.50	9212	Mx-R	H	ACM
.	85.00	10.00	8949	Lx	L	NBR
.	86.00	8.00	8632	Lx-R	AH	ACM / FPM
.	87.00	7.00	8645	Lx	L	NBR
.	90.00	10.00	5280	Lx	L	NBR / MVQ
.	90.00	10.00	8473	Kx	L	NBR
.	90.00	10.00	9900	Kz	L	NBR
.	90.00	13.00	5458	Lz	L	NBR
.	90.00	13.00	5462	Lx	L	NBR / MVQ / ACM
.	90.00	13.00	8441	Mx	L	NBR
.	90.00	13.00	8471	Mx-H	H	NBR
.	100.00	10.00	8963	Lx	L	NBR
.	102.00	24.50	8138	A 093	L	NBR
.	104.00	16.00	6036	Lz	L	NBR
68.70	90.50	7.50	8623	Lx-H	H	ACM



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
69.00	85.00	10.00	8492	Mx	L	NBR
.	86.00	7.0/15	1140	A 373	L	NBR
69.77	100.00	7.75	1023	A 193	L	NBR
69.80	95.20	12.70	9751	Kx	L	NBR
.	98.45	11.8/18.0	8467	A 103-R	H	NBR
69.85	92.03	14.28	5454	Lz	L	NBR
.	95.20	12.70	1076	A 198	L	NBR
.	95.28	12.70	5733	Lz	L	NBR
.	95.50	16.0/18.0	8026	A 135	L	NBR
.	95.50	16.0/18.0	8027	A 338	L	NBR
.	95.50	19.05	5734	Kx	L	NBR
.	95.50	19.05	5844	A 157	L	NBR
.	95.99	19.35	1099	A 077	L	NBR
.	98.45	11.90	6020	Mz	L	NBR
.	98.45	19.05	6507	Mx	L	NBR
.	103.15	12.70	6034	Lx	L	NBR
.	107.93	15.87	6038	Lx	L	NBR
.	111.02	19.05	5741	Kx	L	NBR
.	111.02	19.05	8345	A 135	L	NBR
.	126.95	11.90	6050	Mz	L	NBR
.	126.95	11.90	6176	Mx	L	NBR
69.90	98.45	12.70	8669	Mz	L	NBR
.	98.45	12.70	9832	Kz	L	NBR
70.00	85.00	7.00	1183	Lx-R	H	FPM
.	85.00	8.00	5654	Mz	L	NBR / MVQ / FPM
.	85.00	8.00	8097	Mz-R	AH	ACM / FPM
.	85.00	8.00	8950	Lx	L	NBR
.	85.00	8.50	8041	Mx	L	NBR
.	86.00	7.00	9771	A 156-R	AH	FPM
.	87.00	8.50	8626	Lx-R	AH	ACM / FPM
.	88.00	8.00	8621	Lx-H	H	ACM
.	88.00	8.00	9816	A 156-R	AH	FPM
.	88.00	9.00	8622	Lx-R	H	ACM
.	88.00	12.00	8220	Lx-R	AH	ACM / FPM
.	89.00	10.00	5125	Lz	L	NBR
.	89.00	12.50	5657	Mx	L	NBR
.	89.00	12.50	5891	Lz	L	NBR
.	90.00	10.00	5281	Lz	L	NBR / MVQ
.	90.00	10.00	5282	Lx	L	NBR / MVQ / FPM
.	90.00	10.00	5659	Mz	L	NBR
.	90.00	10.00	6677	Lx-R	AH	ACM / FPM
.	90.00	10.00	6852	Ls	L	NBR
.	90.00	13.00	5459	Lz	L	NBR
.	90.00	13.00	6900	Lr	L	NBR
.	90.00	13.50	9662	A 184	L	NBR
.	90.00	14.00	5284	Lx	L	NBR / MVQ
.	90.00	15.00	6715	Mx-H	H	ACM / FPM
.	92.00	8.50	8502	Lx-R	AH	ACM
.	92.00	12.00	8501	Lx-H	AH	ACM
.	92.00	12.00	8539	Lx-H	H	ACM / FPM
.	95.00	10.00	8957	Lx	L	NBR
.	95.00	13.00	5452	Lz	L	NBR
.	95.00	14.00	8005	A 139	L	NBR
.	95.00	15.00	8788C/AR	A 226	L	NBR
.	100.00	10.00	8673	Lx	L	NBR
.	100.00	12.00	8052	Mx	L	NBR
.	100.00	12.00	9845	Lz	L	NBR
.	100.00	13.00	1196	A 387	Bidi	ACM
.	100.00	13.00	5236	Lx	L	NBR / MVQ / FPM
.	100.00	13.50/15.0	1235	A 298	Bidi	FPM
.	100.00	14.00	6510	A 094	L	NBR
.	105.00	10.00	8966	Lx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
70.00	105.00	13.00	5381	Lz	L	NBR / MVQ
.	105.00	13.00	6727	Lx	L	NBR
.	110.00	8.00	8971	Lx	L	NBR
.	110.00	10.00	8972	Lx	L	NBR
.	110.00	12.00	8973	Lx	L	NBR
.	110.00	15.00	1137	Lx	L	NBR
.	111.00	10.00	1149	Lx	L	NBR
.	112.00	10.0/18.0	9701	A 295	L	NBR
.	112.00	12.00	6039	Lx	L	NBR
.	115.00	10.00	8244	Lx	L	NBR / MVQ
.	115.00	15.00	6857	Lx	L	NBR
.	115.00	15.00	8157	A 312	L	NBR
.	120.00	14.00	5870	Lx	L	NBR
.	179.00	14.00	9646	A 315-R	H	FPM
71.00	88.00	8.00	8358	Lx	L	NBR
71.42	98.45	11.91	1089	A 206	L	NBR
71.44	101.68	11.90	6032	Lx	L	NBR
72.00	CI 84.00	18.0/20.5	8771	A 103	Bidi	NBR
.	85.50	8.0/10.5	8772	A 103	Bidi	NBR
.	93.30	7.95	9878	A 146	L	NBR
.	93.50	8.00	6735	A 094	L	NBR
.	94.00	12.00	8591	Lx-R	H	ACM
.	95.00	8.00	6110	A 094	L	NBR
.	95.00	13.00	5451	Lx	L	NBR
.	95.00	13.00	5661	Mx	L	NBR
.	95.00	16.00	6901	A 111	L	NBR
.	95.40	8.00	9242	A 146	L	NBR
.	96.00	9.00	8076	Lx-R	AH	ACM / FPM
.	100.00	9.00	8359	Lx	L	NBR
.	105.00	13.00	8967	Lx	L	NBR
.	127.00	11.90	6646	Mx	L	NBR
72.23	100.05	11.11	5894	Lz	L	NBR
72.24	100.00	12.70	1092	A 206	L	NBR
.	100.05	12.70	1028	Mx	L	NBR
73.00	89.50	8.0/15.5	9893	A 339	L	NBR
.	90.00	8.00	9837	Kx	L	NBR
.	95.00	8.00	8242	Lx	L	NBR
.	95.20	12.70	9716	Kz	L	NBR
.	100.00	16.00	6724	Lx-R	H	NBR / ACM
.	101.60	11.00	8269	Mx	Bidi	NBR
.	101.60	12.70	9750	Kx	L	NBR
.	101.60	14.00	6764	A 240	L	NBR
.	105.45	8.00	6676	Lx	L	NBR
.	116.00	17.00	8378	A 061	L	NBR
73.02	95.27	12.70	8202	Mx	L	NBR
.	106.07	9.0/14.22	1029	A 188	L	NBR
73.03	95.28	12.70	6017	Mz	L	NBR
.	95.28	12.70	6172	Lx	L	NBR
.	98.45	4.76	6517	Mt	L	NBR
.	98.45	10.40	6015	A 098	Bidi	NBR
.	98.45	10.40	9658	A 128	Bidi	NBR
.	98.45	11.12	1046	Kx	Bidi	NBR
.	98.45	11.90	6023	Mz	L	NBR
.	104.78	20.65	1067	A 088	L	NBR
73.20	101.67	16.3/19.4	6836	A 140	L	NBR
.	101.68	19.00	5841	A 002	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
73.42	101.68	11.90	6031	Lz	L	NBR
.	110.20	9.00	1340	A 193	L	NBR
73.50	95.00	9.00	9464	Mz	L	NBR
74.00	90.00	10.00	8271	Mx-R	AH	ACM / FPM
.	90.00	10.00	9506	Mx	L	NBR
.	98.00	12.00	8568	Lx-H	H	ACM / FPM
.	114.00	11.00	8495	Kz	L	NBR
.	116.00	20.00	6519	A 108	L	NBR
.	126.00	16.00	6048	Lz	L	NBR
.	---	---	9944	A 350-H	AH	FPM
.	---	---	9945	A 351-H	AH	FPM
74.60	98.45	15.87	6022	Mx	L	NBR
.	101.68	17.46	6030	Lx	L	NBR
.	107.93	19.05	5735	Lx	L	NBR
75.00	90.00	8.00	1145	A 012	L	NBR
.	90.00	8.00	5285	Lx	L	NBR / ACM / FPM
.	90.00	10.00	8040	Lx	L	NBR / ACM
.	90.00	13.00	5660	Mz	L	NBR
.	93.00	9.00	8580	Lx-H	AH	ACM
.	94.00	10.00	8601	Lx-R	AH	ACM / FPM
.	95.00	10.00	5893	Lx	L	NBR / MVQ / FPM
.	95.00	12.00	8958	Lx	L	NBR
.	95.00	13.00	5450	Kz	L	NBR
.	100.00	8.50	8504	Lx-R	AH	ACM
.	100.00	10.00	8751	Mx	L	NBR
.	100.00	10.00	9392	Lx	L	NBR
.	100.00	10.00	9508	Lz	Bidi	FPM
.	100.00	12.00	5233	Lz	L	NBR / ACM / MVQ
.	100.00	12.00	8057	Lx-R	AH	MVQ
.	100.00	12.00	8442	Kx	L	NBR
.	100.00	12.0/13.0	6894	A 023-R	H	ACM
.	100.00	13.00	6025	Mz	L	NBR / ACM
.	100.00	17.00	6725	Lx-R	H	ACM
.	100.00	17.00	8051	Lx	L	NBR
.	100.00	19.50	6846	Lz	L	NBR
.	100.00	21.50	6847	Lz	L	NBR
.	105.00	12.00	6716	Mx-R	H	ACM
.	105.00	12.00	8968	Lx	L	NBR
.	108.00	10.0/20.0	8744	A 172	L	NBR
.	110.00	13.00	8974	Lx	L	NBR / MVQ
.	CI 110.00	23.50	8310	A 265	L	NBR
.	112.00	12.00	8980	Lx	L	NBR
.	113.00	15.00	6721	Lz	L	NBR
.	115.00	12.00	8981	Lx	L	NBR
.	120.00	13.00	6785	Mz	L	NBR
.	120.00	13.00	8983	Lx	L	NBR
.	121.00	13.00	8386	Lx	L	NBR
.	122.00	12.00	6047	Lz	L	NBR
.	122.00	12.00	8755	Lx	L	NBR
75.90	95.00	11.30	8450	Lx-H	AH	ACM
76.00	92.00	10.00	9245	Lx-R	AH	ACM / FPM
.	93.00	10.00	8217	Lx-H	AH	ACM / FPM
.	94.00	8.50	9881	Lx-R	AH	FPM
.	98.00	12.00	8570	Lx-H	H	ACM / FPM
.	98.50	10.00	8276	Lx-R	AH	MVQ
.	105.00	12.00	5382	Lz	L	NBR / MVQ
76.20	95.25	9.27	6118	Lx-R	AH	ACM
.	95.28	12.70	5662	Mz	L	NBR
.	95.40/105	17.00	1257	A 407	L	FPM
.	98.45	12.70	6021	Mx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
76.20	101.60	11.90	8756	Kx	L	MVQ
.	101.65	11.00	9721	Kx-R	H	ACM
.	101.68	6.35	6029	Mz	L	NBR
.	101.68	11.90	6028	Lz	L	NBR
.	101.68	12.70	5897	Lx	L	NBR
.	101.68	12.70	8171	A 183	L	NBR
.	101.80	11.00	8077	Mx-H	H	ACM
.	103.15	12.70	6035	Lz	L	NBR
.	104.78	14.28	5383	Lz	L	NBR
.	107.88	11.10	1079	A 198	L	NBR
.	107.92	11.12	1012	Kz	L	NBR
.	114.27	20.63	6041	Lr	L	NBR
.	114.93	9.50	6788	A 101	L	NBR
76.30	125.35	19.40	9862	A 121-R	H	ACM
77.00	102.00	9.5/21.5	1190	A 388	L	NBR
77.80	111.02	14.28	5742	Lz	L	NBR
78.00	100.00	10.00	8964	Lx	L	NBR
.	100.00	13.00	8420	Lx-R	H	FPM
.	110.00	13.00	1231	Lx	L	NBR
.	115.00	10.0/19.0	9819	A 309	L	NBR
79.00	95.25	11.11	8009	Mx-R	AH	ACM / FPM
.	99.00	9.60	9870	Mx-R	AH	FPM
.	-	-	9946	A 352-H	AH	TEF
79.30	102.82	11.11	6033	Lz	L	NBR
.	117.50	11.90	6045	Lz	L	NBR
79.37	114.45	19.05	9714	A 077	L	NBR
79.38	104.78	14.28	5384	Lx	L	NBR
.	106.00	7.36	1026	Ms	L	NBR
.	107.93	14.28	5736	Lz	L	NBR
.	107.93	19.05	5737	Lx	L	NBR
.	115.85	30.16	5559	A 089	L	NBR
.	-	-	9947	A 353-H	AH	TEF
79.50	113.00	12.0/22.0	9699	A 108	L	NBR
80.00	95.00	8.00	8959	Lx	L	NBR
.	96.00	9.00	8311	Lx-R	AH	ACM / FPM
.	98.00	10.00	9270	LMx-R	AH	FPM
.	100.00	7.00	8019	Lz	L	NBR / MVQ
.	100.00	8.50	8505	Lx-R	AH	FPM
.	100.00	10.00	5216	A 079	L	NBR
.	100.00	10.00	5217	A 079-R	AH	ACM
.	100.00	10.00	5234	Lx	L	NBR / MVQ / FPM
.	100.00	10.00	5951	Lz	L	NBR / MVQ
.	100.00	10.00	6026	Mx-R	AH	ACM/FPM
.	100.00	10.00	8724	Mx	Bidi	ACM / FPM
.	100.00	10.00	9890	Lx-R	H	FPM
.	100.00	12.00	8066	Mx-R	H	ACM
.	100.00	12.00	8965	Lx	L	NBR
.	100.00	13.00	5235	Lz	L	NBR
.	100.00	13.00	8002	Lz-R	AH	ACM / FPM
.	100.00	13.00	8042	Mx	L	NBR
.	100.00	13.00	9844	Kx	L	NBR
.	101.68	12.70	6027	Lz	L	NBR
.	105.00	10.00	8517	Lx-R	AH	ACM / FPM
.	105.00	10.00	8969	Lx	L	NBR
.	105.00	13.00	8213	Lx-R	AH	ACM / FPM
.	105.00	13.00	8346	Lx	L	NBR
.	105.00	13.00	8642	Lx	L	NBR



Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
80.00	110.00	10.00	8185	Lx	L	NBR
.	110.00	12.00	8975	Lx	L	NBR
.	110.00	13.00	5390	Lz	L	NBR
.	110.00	13.00	6717	Mx	L	NBR / MVQ
.	110.0/115.0	10.0/13.0	1280	A 421	L	FPM
.	112.00	12.0/18.0	9266	A 103-R	H	NBR
.	115.00	10.00	8982	Lx	L	NBR
.	120.00	13.00	8984	Lx	L	NBR
.	120.00	14.00	8377	Lx	L	NBR
.	125.00	12.00	8988	Lx	L	NBR
.	127.00	17.00	6059	Mz	L	NBR
.	127.00	16.75	9974	Kz	L	NBR
.	130.20	12.0/20.0	8309	A 059	L	NBR
.	132.00	17.00	5907	Lx	L	NBR
.	140.00	12.00	9984	Lx	L	NBR
.	-	-	1144	A 377-R	AH	TEF
80.90	131.80	12.70	6063	Lz	L	NBR
80.96	114.28	12.70	6040	Lz	L	NBR
.	117.50	11.90	6044	Lz	L	NBR
.	126.95	11.90	6051	Mz	L	NBR
82.00	105.00	12.00	6037	Lz	L	NBR
.	105.00	12.00	8087	Lx-R	AH	FPM
.	105.00	13.00	8388	A 082-H	AH	ACM / FPM
.	110.00	12.00	8976	Lx	L	NBR
82.39	114.30	14.28	6537	A 094	L	NBR
82.50	101.60	9.50	9729	Mx	L	NBR
.	107.95/118.5	19.00	1258	A 407	L	FPM
.	114.30	12.70	8268	Kx	Bidi	NBR
.	114.30	12.70	9982	A 166	L	NBR/FPM
.	117.50	12.70	6538	Lz	L	NBR
.	120.00	15.00	8722	Mx	Bidi	NBR
82.55	107.92	9.52	1021	Mx	L	NBR
.	107.93	12.50	9250	A 158	L	NBR
.	107.93	14.28	5738	Lz	L	NBR
.	108.60	14.26	5899	Lz	L	NBR
.	111.15	14.28	5743	Lz	L	NBR
.	113.00	12.70	5664	Lz	L	NBR
.	114.25	15.87	6043	Lz	L	NBR
.	122.24	12.70	6540	A 094	L	NBR
82.60	107.92	12.70	5107	Kx	L	NBR
83.00	100.00	9.00	8575	Lx-H	AH	ACM / FPM
83.39	101.67	11.11	6760	LMz	L	NBR
84.00	100.00	13.00	6024	Lx	L	NBR / MVQ
.	104.00	11.00	9231	Lx-H	AH	FPM
.	104.00	11.00	9566	Lx	L	NBR
.	110.00	16.00	5391	Lx	L	NBR / MVQ
.	110.00	16.00	5392	Lz	L	NBR
85.00	105.00	6.8/11.0	9656	A 275-R	AH	FPM
.	105.00	8.00	9196	Lx-R	AH	FPM
.	105.00	9.70	8021	Mz-R	AH	ACM
.	105.00	10.00	1159	Mx	L	NBR
.	105.00	12.00	6863	Lx-R	AH	FPM
.	105.00	13.00	5385	Lx	L	NBR / ACM / MVQ
.	105.00	13.00	8146	Lz	L	NBR
.	110.00	12.00	8806	Mx	L	NBR
.	110.00	12.00	8977	Lx	L	NBR / ACM

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
85.00	110.00	13.00	5394	Lx	L	NBR / MVQ / FPM
.	110.00	14.00	1301	Mx	L	NBR
.	120.00	12.00	8985	Lx	L	NBR
.	120.00	13.00	5900	Lz	L	NBR
.	125.00	12.00	9596	Lx	L	NBR
.	127.00	13.00	1118	Kx	L	NBR
.	130.00	12.00	8990	Lx	L	NBR
.	130.00	13.00	5905	Lx	L	NBR
.	140.00	12.00	1300	Lx	L	NBR
.	145.00	12.0/37.0	9262	A 167	L	ACM
.	145.00	18.00	8999	Lx	L	NBR
.	150.00	14.00	6547	Mz	L	NBR
.	-	-	9828	A 311-R	AH	TEF
.	-	-	1142	A 375-R	AH	TEF
.	-	-	1143	A 376-R	AH	TEF
.	-	-	1286	A 426-R	AH	TEF
.	-	-	1374	A 434-R	AH	TEF
85.21	117.08	15.87	5106	A 010	L	NBR
85.70	100.00	5.30	8098	Lx-R	AH	ACM / FPM
.	102.62	9.73	8237	Lx-H	AH	ACM / FPM
.	107.85	12.70	9725	Kz	L	NBR
85.73	111.15	14.28	5744	Lz	L	NBR
.	111.15	15.87	5745	Lx	L	NBR
.	111.16	19.84	5746	Lx	L	NBR
.	114.26	15.87	8144	Lz	L	NBR
.	119.05	12.70	6046	Lz	L	NBR
.	126.95	11.90	6052	Lz	L	NBR
86.00	121.00	13.00	8363	Lx	L	NBR
86.50	99.00	6.2/9.0	9544	A 227	L	NBR
87.00	100.00	8.00	8530	A 156-R	AH	FPM
87.31	107.93	15.87	5739	Lz	L	NBR
.	117.48	11.90	6145	A 094	L	NBR
.	120.77	13.00	5470	Kx	L	NBR
87.50	120.50	18.00	8792	A 122	L	NBR
88.00	108.00	10.00	9608	Lx-R	AH	FPM
.	110.00	13.00	5393	Lz	L	NBR
.	120.00	13.00	5474	Lz	L	NBR
.	120.62	13.00	5545	Lz	L	NBR
.	126.00	12.00	5903	Lx	L	NBR
.	—	—	1373	A 435-R	AH	TEF
88.90	107.88	15.87	5740	Lx	L	NBR
.	111.10	9.50	6872	Lz	L	NBR
.	111.12	14.00	5663	Lx	L	NBR
.	114.27	14.28	6042	Lz	L	NBR
.	115.40	15.5/19.0	9195	A 021	Bidi	NBR
.	120.62	14.28	5471	Lz	L	NBR
.	122.90	18.7/21.7	9263	A 164	Bidi	NBR
.	122.97	22.93	1054	A 222	L	NBR
.	122.98	22.96	1098	A 077	L	NBR
.	122.98	23.50	1110	A 247	L	NBR
.	126.95	11.90	6053	Lz	L	NBR
.	126.95	12.70	6554	Lx	L	NBR
.	130.15	12.70	5466	Lx	L	NBR
.	133.30	15.80	6065	Lz	L	NBR
89.00	114.25	12.70	8692	Kz	L	NBR / MVQ
.	115.50	9.50	5565	Lz	L	NBR



Kz



Kx



Kt



Kr



Lz



Lx



Lt



Ls



Lr



LMz



LMx



Mz



Mx



Mt



Ms

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
89.00	141.50	15.00	5910	Lz	L	NBR
90.00	104.00	11.00	9211	Mx-R	AH	FPM
.	CI 107.00	10.0/12.0	1129	A 371	L	NBR
.	110.00	7.00	9191	A 156-R	AH	FPM
.	110.00	8.00	8979	Lx	L	NBR
.	110.00	8.5/10.0	8509	Lx-R	AH	ACM / FPM
.	110.00	10.00	8104	Lz	L	NBR / MVQ
.	110.00	11.00	8429	Lx-R	AH	FPM
.	110.00	12.00	9022	Lx	L	NBR
.	110.00	13.00	5395	Lx	L	NBR / FPM
.	110.00	13.00	6884	Lx-R	AH	FPM
.	110.00	14.00	8184	Mx	L	NBR
.	110.00	15.00	6558	Lx-H	H	ACM
.	110.00	15.00	6869	Lx-R	AH	FPM
.	112.85	13.00	6152	Mx	L	NBR
.	115.00	9.00	5574	Lz	L	NBR
.	115.00	9.00	9279	Mx	L	NBR
.	115.00	13.00	5573	Lz	L	NBR
.	115.00	13.00	8236	Lx	L	NBR
.	115.00	13.00	9632	A 268	L	NBR
.	120.00	13.00	8124	Lx-R	AH	NBR/ACM
.	120.00	13.00	8986	Lx	L	NBR
.	123.00	22.00	8497	A 088	L	NBR
.	125.00	15.00	9536	A 134	L	NBR
.	126.95	15.80	6560	Lx	L	NBR
.	130.00	12.00	8991	Lx	L	NBR
.	130.00	13.00	8992	Lx	L	NBR
.	140.00	12.00	1289	Lx	L	NBR
.	141.00	17.00	6069	Lz	L	NBR
90.25	120.65	15.87	5667	Lx	L	NBR
91.00	111.00	10.00	9663	A 278-R	AH	FPM
92.00	106.50	5.40	6684	Lx-R	AH	ACM
.	108.00	9.80	8010	Lx-R	AH	ACM / FPM
92.05	123.82	19.05	9697	A 290	L	NBR
92.08	117.47	14.28	6561	Lz	L	NBR
.	120.62	14.28	5472	Lz	L	NBR
.	125.00	12.70	5469	Lz	L	NBR
.	126.95	11.90	6054	Lz	L	NBR
92.10	123.85	21.00	9765	Kx	L	NBR
93.00	108.00	7.00	9675	A 156-R	AH	FPM
93.50	95.60	11.50	9878Pist	Esp	L	-
93.64	130.15	12.70	5465	Lz	L	NBR
.	142.88	12.70	5108	Kx	L	NBR / MVQ
.	142.88	12.70	8177	Mx	L	NBR
95.00	110.00	11.00	8528	Lx-H	AH	ACM/FPM
.	110.00	12.00	8978	Lx	L	NBR
.	115.00	9.5/12.0	1273	A 109-R	AH	FPM
.	115.00	12.00	8514	Lx-R	AH	ACM / FPM
.	115.00	13.00	8685	Lx	Bidi	NBR / ACM / FPM
.	118.00	10.00	8515	Lx-R	AH	ACM / FPM
.	120.00	13.00	5901	Lx	L	NBR / MVQ
.	125.00	12.00	8989	Lx	L	NBR
.	125.00	13.00	5467	Kz	L	NBR
.	125.00	13.00	8178	Mx	L	NBR
.	130.00	12.00	5464	Kx	L	NBR
.	130.00	12.00	8179	Mx	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
95.00	130.00	20.50	1180	A 108	L	NBR
.	135.00	13.00	8285	Lx	L	NBR
.	136.00	13.00	6067	Lz	L	NBR
.	145.00	17.00	9025	Kx	L	NBR
.	152.00	17.00	6076	Lx	L	NBR
95.20	---	9.80	6816	A 080	L	NBR
95.25	123.82	15.87	6572	Lx	L	NBR
.	126.95	11.90	6055	Lz	L	NBR
.	133.30	15.87	6064	Lz	L	NBR
.	146.05	11.90	6575	Lz	L	NBR
95.30	114.25	12.00	8714	Kx-H	AH	ACM
.	114.30	11.88	8757	Kx	L	MVQ
.	120.55	12.70	9747	Kx	L	NBR
96.00	114.30	12.00	8074	Mx-R	AH	ACM
.	136.00	12.00	8759	Lx	L	NBR
97.00	161.00	15.00	5921	Lz	L	NBR
.	164.00	18.00	6089	Kx	L	NBR
.	170.00	15.00	5480	Lz	L	NBR
98.00	110.00	8.50	9671	A 285-R	AH	FPM
.	116.00	10.00	9246	Lx-R	AH	ACM / FPM
.	120.00	7.00	9651	A 156-R	AH	FPM
98.40	120.62	14.28	5473	Lz	L	NBR
.	126.95	11.90	6056	Lz	L	NBR
.	130.17	15.87	5748	Lz	L	NBR
.	144.50	16.00	9265	A 166	L	NBR
.	---	9.52	6834	A 101	L	NBR
98.42	130.00	19.00	8001	Lx	L	NBR
.	130.35	21.80	9713	A 077	L	NBR
.	144.55	22.66	1050	A 222	L	NBR
.	144.55	23.82	1096	A 077	L	NBR
98.43	144.48	19.05	1057	A 222	L	NBR
98.50	144.45	19.00	8316	Kz	L	NBR
99.00	114.00	11.00	9669	A 284-R	AH	FPM
.	172.00	20.00	8093	A 049	L	NBR
100.00	114.00	12.00	9679	Mx	L	NBR
.	115.00	9.00	5666	Lz	L	NBR
.	120.00	11.00	8513	Lx-R	AH	ACM / FPM
.	120.00	12.70	6730	Kx	L	NBR / ACM
.	120.00	13.00	5902	Lx	L	NBR
.	120.00	15.00	8211	Lx	L	MVQ / FPM
.	120.00	15.00	8987	Mx	L	NBR
.	120.00	16.00	8590	A 087-H	AH	ACM / FPM
.	123.80	13.00	8702	Kz	L	NBR
.	123.98	11.00	9896	Kz	L	NBR
.	125.00	13.00	5468	Lz	L	NBR
.	125.00	13.00	5668	Lx	L	NBR
.	125.00	13.00	8443	Kx	L	NBR
.	125.00	15.00	9626	Lr	L	NBR
.	126.95	7.93	6057	Lz	L	NBR
.	128.00	15.0/25.0	9840	A 088	L	NBR
.	130.00	12.00	5564	Lz	L	NBR / MVQ / FPM
.	130.00	12.00	8235	Lx	L	NBR
.	130.00	13.00	9219	Lr	L	NBR
.	135.00	12.00	1232	Lx	L	NBR
.	140.00	13.00	8995	Lx	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
100.00	150.00	13.00	9000	Lx	L	NBR
.	162.00	13.0/17.5	8339	A 157	L	NBR
101.40	146.10	12.70	9936	A 094	L	NBR
101.57	125.00	13.00	8835	Lx-H	AH	ACM
101.60	126.95	7.93	5477	Mz	L	NBR / MVQ
.	126.95	12.70	5478	Lx	L	NBR / MVQ
.	126.95	12.70	5566	Mx	L	NBR
.	126.95	17.06	6058	Lx	L	NBR
.	130.17	14.28	5749	Lz	L	NBR
.	133.30	14.28	6586	Lz	L	NBR
.	136.47	12.70	6068	Lz	L	NBR
.	139.70	14.28	6182	Lz	L	NBR
.	139.75	14.30	9763	Kx	L	NBR
.	142.87	12.70	5750	Lz	L	NBR
101.80	152.00	25.50	9209	A 129	L	NBR / MVQ
102.00	124.00	10.00	8205	Lx	L	NBR
103.00	166.00	15.00	6589	Lz	L	NBR
103.20	136.90	9.52	6765	A 101	L	NBR
.	146.05	14.28	6072	Lz	L	NBR
104.78	126.95	11.90	5906	Lz	L	NBR
105.00	125.00	13.00	5904	Lx	L	NBR / MVQ
.	130.00	12.00	8993	Lx	L	NBR
.	130.00	12.00	9921	LMx-R	H	FPM
.	130.00	12.00	1254	A 156-R	AH	FPM
.	130.00	13.00	5567	Lz	L	NBR
.	130.00	13.0/15.0	5568	Lx	L	NBR / MVQ
.	130.00	15.00	5569	Lz	L	NBR
.	130.00	15.00	6814	Lz-H	AH	MVQ
.	130.00	16.00	6782	Lx	L	NBR
.	130.00	18.00	6060	Mx-R	AH	ACM
.	130.00	18.00	8225	A 123	L	NBR
.	135.00	12.50	8616	Lx-R	AH	ACM / FPM
.	135.00	13.00	8842	Lz	L	NBR
.	135.00	14.00	8516	Lx-R	AH	ACM / FPM
.	135.00	15.00	8668	Lx	L	NBR
.	136.00	12.00	9024	Lx	L	NBR
.	142.00	13.00	8617	Lx-H	AH	ACM / FPM
.	145.00	16.00	6070	Lx	L	NBR
.	152.80	16.00	6177	Lx	L	NBR
.	161.00	15.00	6685	Lz	L	NBR
.	180.00	14.00	6095	Lz	L	NBR
105.82	139.70	14.28	1019	Kz	L	NBR
106.35	127.00	9.52	9687	Kx	L	NBR
106.36	126.95	12.70	6049	Lz	L	NBR
.	158.77	14.28	6084	Mz	L	NBR
107.00	143.00	12.70	6832	Lz	L	NBR
.	181.00	15.00	5924	Lz	L	NBR
107.95	136.52	12.70	8448	Kz	L	NBR
.	152.53	17.27	6766	A 032	L	NBR
.	152.53	23.00	8407	A 234	L	NBR
.	152.60	25.40	1103	A 247	L	NBR
.	152.62	24.99	1095	A 077	L	NBR
.	152.63	24.66	1104	A 222	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
107.95	158.77	14.28	6083	Mz	L	NBR
108.00	133.40	12.00	1299	Kx	Bidi	NBR
.	142.88	12.70	5751	Lz	L	NBR
.	154.00	14.0/16.0	9986	A 094	L	NBR
108.05	142.88	13.00	6921	Kz	L	NBR
109.00	152.40	20.00	6922	A 048	L	NBR
110.00	125.00	12.00	6913	Lx	L	NBR
.	130.00	13.00	5570	Lx	L	NBR / MVQ
.	130.00	13.00	6738	Mx	L	NBR / ACM / FPM
.	130.00	13.00	8421	Lx-R	AH	FPM
.	135.00	9.00	9218	Lx-R	AH	ACM
.	135.00	12.00	8994	Lx	L	NBR
.	135.00	13.00	6066	Lx	L	NBR
.	140.00	12.0/21.0	9466	A 182	Bidi	NBR
.	140.00	13.00	5463	Kx	L	NBR / MVQ / ACM / FPM
.	140.00	13.00	8176	Mx	L	NBR
.	140.00	14.00	6148	A 094	L	NBR
.	140.00	16.00	5908	Lx-R	H	ACM
.	150.00	12.00	6912	Lz	L	NBR
.	150.00	15.00	6073	Mz	L	NBR
.	150.00	15.00	8444	Kx	L	NBR
.	155.00	14.00	5914	Lx	L	NBR
.	162.00	13.0/18.5	8181	A 157	L	NBR
.	180.00	15.00	9014	Lx	L	NBR
111.12	152.42	12.70	9552	Kz	L	NBR
111.13	149.99	25.40	1105	A 247	L	NBR
.	154.05	15.87	6077	Lz	L	NBR
.	158.75	14.28	6082	Mz	L	NBR
.	158.78	15.37	1108	A 255	L	NBR
111.31	142.80	4.92	8158	A 045	L	NBR
112.30	130.00	11.00	9213	Mx-R	AH	FPM
112.71	146.05	14.28	6594	Lz	L	NBR
113.71	158.77	15.87	6595	Lz	L	NBR
114.00	135.00	13.00	9609	LMx-R	AH	FPM
.	.	.	9948	A 272-H	AH	FPM
114.30	139.65	12.70	9764	Kx	L	NBR
.	139.70	14.28	8145	Lz	L	NBR
.	152.40	12.70	1020	Kz	L	NBR
.	152.40	24.99	1107	A 247	L	NBR
.	152.42	14.28	6598	Lx	L	NBR
.	155.55	14.00	9762	Kx	L	NBR
115.00	135.0/144.0	9.0/10.0	9249	A 149-R	AH	ACM / FPM
.	140.00	13.00	5909	Lx	L	NBR
.	140.00	16.00	8007	Mx-R	AH	ACM
.	150.00	12.00	9001	Lx	L	NBR
.	160.00	12.00	9003	Lx	L	NBR
.	170.00	15.00	9008	Lx	L	NBR
117.08	158.77	15.87	6081	Lz	L	NBR
117.20	143.00	12.70	5911	Lx	L	NBR
.	143.00	12.70	6704	Lz-R	AH	ACM
.	143.00	12.70	8998	Kx	L	NBR



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
117.48	152.40	23.16	1063	A 222	L	NBR
117.50	151.77	14.2/12.4	1059	A 094	L	NBR
.	154.00	14.5/16.5	9937	A 094	L	NBR
117.90	146.07	12.70	6761	A 313	AH	ACM
119.06	146.05	14.28	6071	Lz	L	NBR / ACM
.	152.42	6.35	6602	Lt	L	NBR
.	158.78	14.28	6080	Lz	L	NBR
120.00	140.00	12.00	8997	Lx	L	NBR
.	140.00	13.00	8101	Mx	L	NBR / ACM
.	140.00	13.00	9922	LMx-R	AH	FPM
.	140.15	13.00	9746	Mx-R	H	ACM
.	145.00	15.00	6731	Kx	L	NBR / ACM
.	146.00	12.00	8132	Lx	L	NBR
.	147.50	14.00	5912	Lz	L	NBR
.	150.00	12.00	5913	Lz	L	NBR
.	150.00	12.00	6603	Lx	L	NBR / MVQ / FPM
.	150.00	14.00	8523	Lx-H	AH	ACM / FPM
.	150.00	15.00	8845	Lz	L	NBR
.	160.00	12.00	9004	Lx	L	NBR
120.50	152.36	13.00	6856	Lx	L	NBR
.	152.40	15.0/22.8	8428	A 124	L	NBR / MVQ
120.60	152.40	27.00	1148	A 108	L	NBR
120.65	161.85	15.87	6088	Lz	L	NBR
121.03	160.29	27.38	1102	A247	L	NBR
.	177.77	31.75	1109	A 247	L	NBR
121.08	160.22	26.29	1101	A 222	L	NBR / ACM
.	160.22	36.07	1097	A 222	L	NBR
121.10	160.20	35.00	9953	A 354	L	ACM
122.20	152.40	7.14	1150	Mz	L	NBR
.	152.40	27.00	1147	A 088	L	NBR
123.00	141.00	11.10	8841	Mz-R	AH	NBR
123.60	150.00	28.00	6139	A 096	L	NBR
123.83	155.60	14.28	5916	Lz	L	NBR
124.00	152.40	27.00	1146	A 108	L	NBR
125.00	140.00	10.00	8996	Lx	L	NBR
.	150.00	12.00	9002	Lx	L	NBR
.	150.00	13.00	5326	Lz	L	NBR / MVQ / FPM
.	150.00	13.00	6074	Mx	L	NBR / ACM
.	150.00	15.00	6180	Lx	L	NBR
.	150.00	15.00	8317	Kx	L	NBR
.	150.00	15.00	9180	Mx-R	AH	ACM
.	152.40	15.00	8445	Kx	L	NBR
.	160.00	12.00	8033	Lz	L	NBR
.	160.00	15.00	9005	Lx	L	NBR
125.41	158.78	14.28	6605	Lz	L	NBR
125.80	152.25	15.00	6827	Lz	L	NBR
126.80	170.00	13.50	6149	A 094	L	NBR

DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
127.00	146.00	10.00	9680	A 257	L	NBR
.	147.00	11.50	1214	Mx	L	NBR
.	152.40	14.28	5440	Lz	L	NBR
.	152.43	12.70	9535	Kz	L	ACM
.	158.77	14.28	6607	Lz	L	NBR
.	165.10	16.00	8282	Kz	L	NBR
.	192.00	14.0/18.5	8424	A 085	L	NBR
128.00	150.00	12.00	6075	Lz	L	NBR
130.00	154.00	16.00	8395	Kx	L	NBR
.	160.00	12.00	8750	Lx	L	NBR
.	160.00	14.5/16.0	1368	A 423	L	NBR
.	160.00	15.00	5920	Lz	L	NBR
.	160.00	15.00	8054	Lx-R	AH	ACM / FPM
.	170.00	14.00	9009	Lx	L	NBR
.	170.00	15.00	6092	Lz	L	NBR
.	182.00	16.00	6097	Lz	L	NBR
130.10	155.60	12.70	5917	Lz	L	NBR
.	161.90	14.20	6087	Lz	L	NBR
132.00	152.00	13.00	8102	Mx	L	ACM
133.35	155.60	14.28	6078	Lz	L	NBR
.	158.75	12.50	6823	Lx-R	AH	FPM
.	158.77	14.28	6079	Lz	L	NBR
.	171.45	12.70	6093	Lz	L	NBR
.	187.33	25.40	1106	A 247	L	NBR
133.40	155.55	14.00	9177	Mx	Bidi	NBR
.	165.10	15.90	1297	Kx-R	H	NBR
134.00	152.00	13.00	6789	Lx	L	NBR
.	168.05	14.28	6608	Lx	L	NBR
135.00	155.00	13.00	5915	Lx	L	NBR
.	160.00	12.00	9006	Lx	L	NBR / MVQ
.	160.00	13.00	5918	Lx	L	NBR / ACM
.	160.00	13.00	5919	Lz	L	NBR
.	165.00	12.00	6609	Lz	L	NBR
.	165.00	15.00	6610	Lx	L	NBR
.	168.00	10.0/12.5	8080	Lx-R	AH	ACM / FPM
.	170.00	12.00	9010	Lx	L	NBR
.	171.10	15.00	6611	Lx	L	NBR
.	180.00	13.00	6897	Lx-R	AH	FPM
136.00	162.00	13.00	5922	Lz	L	NBR
136.50	165.00	13.00	9281	A 168	L	NBR
.	168.25	15.90	9755	Kx	L	NBR
.	168.27	15.87	6612	Lz	L	NBR
140.00	155.00	9.0/12.0	1306	A 429	L	NBR/85
.	158.75	12.70	6614	Lx	L	NBR
.	160.00	13.00	6812	Lx	L	NBR / ACM
.	165.00	12.00	6615	Lz	L	NBR
.	165.00	13.0/16.5	8319	A 090	L	NBR
.	165.00	14.00	9007	Lx	L	NBR
.	165.00	15.00	6714	Mx-R	AH	ACM
.	167.00	12.00	1201	Lx	L	NBR
.	168.00	15.00	8385	Kx	L	NBR
.	170.00	13.00	5481	Lx	L	NBR
.	170.00	15.00	8770	Lx	Bidi	ACM / FPM
.	180.00	15.00	9234	Lz	L	NBR
143.40	170.00	13.00	8103	Mx	L	ACM



DIMENSIONES			N° DBH	TIPO	GIRO	COMPUESTO
EJE	ALOJ.	ALTURA				
145.00	170.00	12.00	5923	Lx	L	NBR / ACM
.	170.00	13.00	8754	Mx	L	NBR
.	170.00	15.0/20.0	8122	A 203	L	NBR / ACM
.	175.00	13.00	8478	Kx	Bidi	NBR
.	175.00	13.00	9013	Mx	L	NBR
.	175.00	14.00	8474	Lx	L	NBR
.	180.00	15.00	9015	Lx	L	NBR
148.00	170.00	15.00	5479	Lx	L	NBR / MVQ
.	170.00	15.00	5482	Lz	L	NBR
.	170.00	15.00	8238	Lx-H	H	NBR
.	170.00	15.00	8239	Lx-R	AH	NBR
149.23	181.00	20.24	6616	Lx	L	NBR
.	181.01	15.87	6656	Lx	L	NBR
150.00	165.00	9.0/12.0	1305	A 429	L	NBR/85
.	168.00	13.00	6090	Mx	L	NBR / ACM
.	170.00	10.00	9011	Lx	L	NBR
.	170.00	12.00	9012	Lx	L	NBR
.	172.00	18.30	6617	Lx-H	AH	ACM
.	180.00	10.00	8299	Lz	L	NBR
.	180.00	13.00	5442	Lx	L	NBR / MVQ
.	180.00	14.5/16.0	1277	A 423	L	NBR
.	180.00	15.00	8301	Mx	L	NBR
.	180.00	15.4/17.4	9999	A 367	L	FPM
.	180.00	18.00	5928	Lx	L	NBR
150.81	177.80	12.50	8315	Lx	L	NBR / ACM
.	177.80	12.70	8193	Lz	L	NBR
151.05	197.00	37.50	8818	A 174	L	NBR
151.20	174.80	12.00	8183	Lz	L	ACM
151.60	178.20	12.70	6825	Lz	L	NBR
152.40	177.83	12.70	5929	Lx	L	NBR
153.99	171.45	12.00	6619	Lz	L	NBR
154.00	175.00	13.00	1215	A 395	L	NBR
154.70	180.10	14.80	6096	Lz	L	NBR
155.00	180.00	13.00	9016	Lx	L	NBR
.	180.00	15.00	9178	Mx-R	AH	ACM / FPM
156.00	180.70	12.00	8847	Lx	L	NBR
.	180.70	12.70	6175	Mz-R	AH	NBR / ACM
156.20	185.40	16.00	8820	A 137	L	NBR
158.75	182.55	15.87	6622	Lz	L	NBR
160.00	180.00	13.00	1362	Lx	L	NBR
.	180.00	15.00	9017	Lx	L	NBR
.	185.00	10.50	9949	Lx	L	NBR
.	190.00	15.00	6623	Lx	L	NBR
.	200.00	12.00	8758	Lx	L	NBR
.	200.00	15.00	5926	Lz	L	NBR
161.00	197.00	12.70	8810	Mz	L	NBR
161.90	187.30	9.50	8713	Lz	L	NBR
165.00	190.00	13.00	6624	Lx	L	NBR

DIMENSIONES			Nº DBH	TIPO	GIRO	COMPUESTO
EJE	ALQJ.	ALTURA				
165.00	190.00	15.00	9018	Lx	L	NBR
.	200.00	15.0/17.0	8175	A 001	L	NBR
165.10	203.25	25.40	8143	Lx	L	NBR
165.30	206.50	19.00	8823	Lz	L	NBR
168.00	188.00	31.50	8716	A 184	Bidi	NBR
.	198.00	16.5/21.0	9666	A 280	L	NBR
170.00	190.00	15.00	9019	Lx	L	NBR
.	200.00	15.00	6626	Lz	L	NBR
.	210.00	15.00	8843	Lz	L	NBR
171.50	196.90	11.11	8824	Lz	L	NBR
175.00	200.00	15.00	6160	Lx	L	NBR
.	215.00	16.00	8324	Lz	L	NBR
180.00	200.00	12.00	8749	Mx	L	NBR / ACM
.	200.00	15.00	6098	Mx	L	NBR / ACM
.	200.00	17.00	1375	A437	L	FPM
.	220.00	15.00	8829	Lz	L	NBR
185.00	210.00	13.00	6628	Lz	L	NBR
.	215.00	15.00	8846	Lz	L	NBR
190.00	220.00	14.00	5927	Lx	L	NBR
.	220.00	16.00	9020	Lx	L	NBR
.	230.00	15.00	8830	Lz	L	NBR
200.00	230.00	15.00	1158	Lx	L	NBR
.	238.50	16.00	8827	Lz	L	NBR
.	240.00	15.00	8813	Lz	L	NBR
204.00	233.50	16.00	8825	Lz	L	NBR
210.00	240.00	15.00	8822	Lz	L	NBR
.	250.00	18.00	8814	Lz	L	NBR
215.00	240.00	12.00	8141	Lz	L	NBR
220.00	250.00	18.00	8844	Lz	L	NBR
225.00	260.00	15.00	8815	Lz	L	NBR
230.00	255.00	10.00	8142	Lz	L	NBR
231.70	263.50	19.00	8826	Lz	L	NBR
240.00	280.00	18.00	8831	Lz	L	NBR
250.00	290.00	18.00	8832	Lz	L	NBR
260.00	290.00	16.00	6633	Lx	L	NBR
.	300.00	18.00	8833	Lz	L	NBR
280.00	320.00	20.00	8834	Lz	L	NBR
340.00	380.00	12.00	8123	Lz	L	NBR

[illegible]



Notas

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional
Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
1001	25.00	40.00	8.00	Lx-R	H	ACM	Trans. Eje Caja Nissan. G.M. Flecha Candelero
1002	34.00	50.00	7.00	Lx-R	H	NBR	Transmision Delantera Nissan
1004	35.00	52.93	8.20	Lx-H	AH	NBR	Arbol de Levas Trasero Motor «K» Chrysler
1005	28.57	41.25	6.35	Mz-H	AH	NBR	Transmision Est. Ford. Vamsa Mont. Tapa Istr. Y T. Aut. Chrysler
1006	33.33	46.00	8.63	Lx	L	NBR	Direccion Estandar Sector Ford
1007	15.87	28.55	9.52	Mz	L	DUREZA 85	Direccion Hid. Chrysler. Transmision Trailers Monterrey
1009	41.28	53.98	6.35	Mz	L	NBR	Transmision Manual G.M.
1010	34.93	57.15	12.7	Mx	L	NBR	Rueda Trasera Chrysler G.M.. Nissan. Vamsa. Transmision Estandar Ford
1011	25.40	41.25	7.92	Mz	L	NBR	Toma de Fuerza John Deere
1012	76.20	107.92	11.12	Kz	L	NBR	Rueda Trasera Int. Chrysler Dina
1013	33.32	52.30	11.10	Mz	L	NBR	Motorreductor Tortilla Celorio
1014	61.47	76.20	7.0/9.0	A 190	L	NBR	John Deere Rastra Integral de Discos Serie MX 425
1015	49.20	66.57	6.5/14.48	A 190	L	NBR	Rueda Delantera Freno de Disco Chrysler. Vamsa
1016	25.40	50.80	9.52	Mz	L	NBR	Compresor Tuflo 400
1017	44.45	65.15	7.92	Mx	L	NBR	John Deere - Rueda Tractor 2755 Austero. Turbo Y Synchon
1018	22.22	34.92	7.92	Mz	L	NBR	Transmision Masa Kenworth. Motorreductor Tort. Celorio
1019	105.82	139.7	14.28	Kz	L	NBR	Rueda Trasera Dina. GM.»
1020	114.30	152.40	12.70	Kz	L	NBR	Rueda Trasera Ford TW 30 Y TW 35
1021	82.55	107.92	9.52	Mx	L	NBR	Piñon Dina Famsa. Kenworth. White
1022	52.00	68.00	13.00	A 191	L	NBR	Rueda Delantera Interior Nissan
1023	69.77	100.00	7.75	A 193	L	NBR	John Deere Rastra de Disco de Tiro Excentrico Serie MX 425
1024	38.10	57.15	9.52	Mz	L	NBR	Transmision Delantera Chrysler
1025	42.98	54.10	7.49	Mx	L	NBR	Rueda Trasera Nissan
1026	79.38	106.00	7.36	Ms	L	NBR	Rueda Delantera GM.
1027	57.15	81.00	12.70	Mx	L	NBR	Rueda Delantera Chrysler
1028	72.24	100.05	12.70	Mx	L	NBR	Rueda Trasera GM
1029	73.02	106.07	9.0/14.22	A 188	L	NBR	Transmision Dina. Famsa.IHC.Masa. Monterrey. Piñon Mont. Masa
1030	44.45	76.20	12.70	Mz	L	NBR	Rueda Delantera. Tapa Distrib. Dina. Motores Perkins
1031	66.67	92.02	11.12	Mx	L	NBR	Piñon Chrysler. Dina. Famsa. Trailers Monterrey
1032	15.87	31.75	7.92	Mz	L	DUREZA 85	Direccion Hid. General Motors
1033	39.42	70.40	6.3/16.38	A 003	L	NBR	Piñon Nissan
1034	23.82	41.25	7.92	Mz	L	NBR	Motor Cummins 5 - 16 - 152
1035	19.05	31.80	6.35	Mx	L	DUREZA 85	Transmision Vamsa. Direc. Hid. Chrysler. Ford. Mando Cummins
1036	38.10	50.80	11.10	Mx	L	NBR	Boster Freno de Potencia. G.M.. FORD
1037	41.27	57.10	7.92	Mx	L	NBR	Rueda Trasera Ext. Chrysler. G.M.. Nissan. Vamsa
1038	50.8	65.07	5.76	Mt	L	NBR	Rueda Delantera GM. Piñon - Famsa - IHC
1039	25.40	47.60	9.52	Mz	L	NBR	Aplicacion Agricola John Deere
1041	34.92	47.60	9.52	Mx	L	NBR	Transmision Estandar y Automatica Chrysler. Ford
1042	42.86	65.25	9.5/11.91	A 187	Bidi	NBR	Rueda Trasera Ext. Chrysler.G.M. . Nissan . Ford Ranger 30 estrias.
1043	25.40	34.90	6.35	Mz	L	NBR	Aplicacion Agricola John Deere
1044	43.00	55.00	8.00	A 189	L	NBR	Rueda Delantera Nissan
1045	50.80	69.75	9.52	Mz	L	ACM	Transmision Automatica Ford
1046	73.03	98.45	11.12	Kx	Bidi	NBR	Rueda Delantera
1047	19.00	33.30	7.92	Mx	L	NBR	Direccion Hid. Chrysler. Direcc. Sin Fin G.M.. Vamsa
1048	28.57	41.25	6.35	Mx	L	NBR	Aplicacion Agricola John Deere
1049	25.40	38.07	6.35	Mt	L	NBR	Toma de Fuerza John Deere
1050	98.42	144.55	22.66	A 222	L	NBR	Rueda Trasera Chrysler. Dina. IHC.. Ford. Trailers Monterrey. Nav. Freight
1052	50.80	76.12	12.70	A 205	L	NBR	Rueda Delantera Trailers Monterrey. Chrysler»
1054	88.90	122.97	22.93	A 222	L	NBR	Rueda Delantera Chrysler. Dina.Famsa. IHC. GM..Kenworth. Masa. M.B.
1055	42.50	54.90	7.30	A 201	L	NBR	Rueda Trasera Chrysler «K»
1057	98.43	144.48	19.05	A 222	L	NBR	Rueda Trasera Chrysler. Dina. IHC.. Ford. Trailers Monterrey
1058	50.80	66.62	6.5/16.26	A 200	L	NBR	Rueda Delantera Ford
1059	117.50	151.77	14.2/12.4	A 094	L	NBR	Rueda Trasera Eje Sudina-Masa 1810 M Grasa Tipo Nuevo-Dina. Kenworth. Trailers. Monterrey. White
1060	47.63	80.26	17.90	A 197	L	ACM	Piñon Chrysler. Dina. Famsa. IHC. Ford. GM.S10.Blazer- Vamsa
1062	50.80	66.60	7.00	A 201	L	NBR	Rueda Delantera Ford F 150 - B 150
1063	117.48	152.40	23.16	A 222	L	NBR	Rueda Trasera GM
1064	39.42	80.26	16.30	A 197	L	ACM	Piñom Chrysler. Dina. Ford.Ranger-Explorer-GM.S10 - Blazer-Vamsa. Nissan. Trailers. Monterrey
1067	73.03	104.78	20.65	A 088	L	NBR	Rueda Delantera IHC. Ford Cargo.Famsa.GM.Chrysler
1069	52.02	69.27	6.7/14.48	A 190	L	NBR	Rueda Delantera Ford
1071	53.98	79.76	11.11/14.17	A 202	L	NBR	Rueda Trasera GM. - Nissan
1073	44.17	71.42	15.09	A 098	L	NBR	Piñon G.M.
1075	63.50	83.85	11.51	A 098	L	NBR	Transmision IHC
1076	69.85	95.20	12.70	A 198	L	NBR	Perkins Piñon Kenwoth - Rueda Trasera Interior. Chrysler
1079	76.20	107.88	11.10	A 198	L	NBR	Rueda Trasera Interior Chrysler Dina
1080	49.22	63.55	7.14	A 199	L	NBR	Rueda Delantera Freno a Disco Chrysler. Ford»

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
1081	38.10	60.32	12.70	A 098	L	NBR	Transmision Manual Trasera G.M.. Vamsa»
1083	40.00	58.04	9.00	A 098	L	NBR	Salida semieje Chrysler Neon - Stratus - Caravan
1084	40.00	55.00	8.30	A 201	L	NBR	Rueda Trasera Ford Topaz
1085	40.00	52.04	5.1/8.9	A 170	L	NBR	Rueda Delantera VW
1086	28.57	47.60	11.10	A 206	L	NBR	Rastras. Marcador de Pasos. Balero Dif.. M.F.»
1088	28.57	50.80	11.10	A 206	L	NBR	John Deere Dir. Polea de la Banda. Transmisión Cigueñal Trasero.
1089	71.42	98.45	11.91	A 206	L	NBR	Rueda Trasera GM
1090	35.05	50.80	8.33	A 206	L	NBR	Transmisión Estandar Ford
1091	22.22	38.07	7.92	A 206	L	NBR	Aplicacion Agricola John Deere
1092	72.24	100.00	12.70	A 206	L	NBR	Rueda Trasera Ford
1093	38.00	60.24	12.70	A 098	L	NBR	Transmisión Estandar y Automatica Chrysler. Ford. Vamsa y Monterrey
1094	28.57	39.64	9.52	A 206	L	NBR	
1095	107.95	152.62	24.99	A 077	L	NBR	Eje de Trailer - Eaton P 22 - Meritor TP - Dana - Fruehauf - Pro - Par Trailer Axle
1096	98.42	144.55	23.82	A 077	L	NBR	Rueda Trasera-Chrysler-Dina-IHC-Ford-Trailers Monterrey-Nav. Freight
1097	121.08	160.22	36.07	A 222	L	NBR	Rueda Trasera Interior-Dina-Famsa-Kenworth-Mercedes Benz-White-Ford-VW-Iveco
1098	88.90	122.98	22.96	A 077	L	NBR	Rueda del. Chrysler-Dina-Famsa-I.H.C.-G.M.-Kenworth-Trailers Monterrey-White-MB
1099	69.85	95.99	19.35	A 077	L	NBR	
1100	22.22	41.20	8.00	Mz	L	NBR	Tortilladora
1101	121.08	160.22	26.29	A 222	L	NBR/ACM	Ford - VW - Iveco - Mercedes Benz Camiones - Rueda Trasera
1102	121.03	160.29	27.38	A 247	L	NBR	Eje de tandem - Eaton - Ford - Kenworth - Meritor - Navistar - Volvo - GM
1103	107.95	152.60	25.40	A 247	L	NBR	Eje de Trailer - Eaton P 22 - Meritor TP - Dana - Fruehauf - Pro - Par Trailer Axle
1104	107.95	152.63	24.66	A 222	L	NBR	
1105	111.13	149.99	25.40	A 247	L	NBR	Eje Delantero - Ford - Navistar - Mack - White - Kenworth - Volvo - GM
1106	133.35	187.33	25.40	A 247	L	NBR	
1107	114.30	152.40	24.99	A 247	L	NBR	
1108	111.13	158.78	15.37	A 255	L	NBR	
1109	121.03	177.77	31.75	A 247	L	NBR	Rueda Trasera - Sultana - White - Dina.
1110	88.90	122.98	23.50	A 247	L	NBR	Eje Delantero - Eaton - Ford - Volvo - GM - Kenworth - Navistar - Meritor - Rockwell
1111	25.00	80.20	10.00	Lx	L	NBR	Industrial
1112	38.00	54.00	9.0/15.5	A 109-R	H	NBR	Toyota Platz - Salida Semieje Derecho
1113	38.00	56.00	9.0/15.5	A 109-R	AH	NBR	Toyota Platz - Salida Semieje Izquierdo
1114	45.00	72.00	12.0/19.5	A 103-R	H	NBR/ACM	Hyundai H100 / Porter / Terracan - Piñon
1115	33.00	40.00	3.5/6.5	A 365	L	NBR	Hyundai H100 / Porter - Rueda trasera Interior
1116	65.00	92.00	13.00	Mx	L	NBR	Hyundai H100 - Rueda trasera Exterior
1117	56.00	114.00	10.00	A 366	L	NBR	Mitsubishi Canter - Rueda trasera Exterior
1118	85.00	127.00	13.00	Kx	L	NBR	Mitsubishi Canter - Rueda trasera Interior
1119	34.00	54.00	9.0/15.0	A 109-R	H	NBR	Toyota BB/Carina/Celica/Corolla/Corona - Salida Semieje
1120	41.00	59.00	11.00	A 248	L	NBR	Jhon Deere - Sembradora - Discos
1121	42.00	58.00	11.00	A 368-R	AH	ACM	Nissan Frontier - Salida de caja 4x2
1122	38.63	67.56	10.77	A 098-R	AH	FPM	Chevrolet S10/Blazer - Piñon diferencial delantero 4x4
1123	31.70	44.60	6.70	Mx-R	H	ACM	Ford/Chevrolet - Caja Saginaw 4 vel. - Guia Directa Super Medida
1124	41.92	62.03	10.00	Lz-R	H	ACM	VW Amarok - Caja de Velocidades - Directa
1125	28.00	42.00	8.00	Lx-R	AH	FPM	Honda Accord - Arbol de levas
1126	48.90	63.00	7.00	A 109	L	NBR	Peugeot 205/306 - Citroen Xsara - Eje trasero (reemplaza a 9883 s/pistas)
1127	37.00	66.00	9.5/13.5	A 369	L	NBR	LG - Patrick - Lavarropas
1128	65.00	77.00	7.50	Mx	L	NBR	King Long Bus - Rueda trasera
1129	90.00	Cl 107.00	10.0/12	A 371	L	NBR	Toyota SW4 - 4 Runner (japonesa) - Rueda Delantera - exterior
1130	32.00	45.00	6.00	Lx-R	H	FPM	Fiat Palio-Punto-Siena-Strada-Bravo-Cronos-Tipo-Argo-Toro 1.6-1.8 16v E-Torq - Distribucion
1131	40.00	58.00	11.00	Lx-R	AH	ACM	Toyota Hilux - Tundra - Hihace - Salida de Caja
1132	40.00	72.00	11.0/18.5	A 369	L	NBR	Suzuki Vitara - Jimmy - Samurai - Piñon
1133	50.00	62.00	7.00	Lx-R	H	FPM	Nissan X-Trial - Pathfinder motor YD22/TD25 - Distribucion
1134	48.00	65.00	7.50	Lx-R	AH	ACM	Honda Pilot - Ridgline - Crosstour - Caja Automatica
1135	50.00	64.00	8.00	Lx-R	H	NBR	Toyota Platz - Corolla - Rav4 - Salida de Caja
1136	49.00	68.00	8.00	Lx-R	H	NBR	Toyota Platz - Vitz - Probox - Salida de Caja
1137	70.0	110.00	15.00	Lx	L	NBR	Industrial
1138	32.00	42.00	4.00	Lt	L	NBR	Industrial
1139	35.00	63.00	10.0/16	A 103	Bidi	NBR	Toyota Hilux - Salida Diferencial Delantero
1140	69.00	86.00	7.0/15	A 373	L	NBR	Toyota SW4 - 4 Runner (japonesa) - Rueda Delantera - Interior
1141	60.00	77.00	7.5/14	A 373	L	NBR	Toyota Hilux Mod. 1996 - Rueda Delantera Interior
1142	85.00	-	-	A 375-R	AH	TEF	VW - Audi - Seat - Bancada c/porta sensor redondo
1143	85.00	-	-	A 376-R	AH	TEF	VW - Audi - Seat - Bancada c/porta sensor cuadrado
1144	80.00	-	-	A 377-R	AH	TEF	Ford - Fiesta / EcoSport / Focus Motor Sigma 1.4 / 1.6 16v - Bancada
1145	75.00	90.00	8.00	A 012	L	NBR	Genovese
1146	124.00	152.40	27.00	A 108	L	NBR	Ejes Eaton
1147	122.20	152.40	27.00	A 088	L	NBR	Ejes Eaton

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
1148	120.60	152.40	27.00	A 108	L	NBR	Ejes Eaton
1149	70.00	111.00	10.00	Lx	L	NBR	Implementos Mary
1150	122.20	152.40	7.14	Mz	L	NBR	Implementos Mary
1151	15.00	21.00	3.00	Lt	L	NBR	Knorr - Frenos
1152	37.00	76.00	9.5/13.5	A 369	L	NBR	LG - Patrick - Lavarropas
1153	25.00	48.00	7.0/10.7	A 120	L	DUREZA 85	Amortiguador
1154	25.00	45.00	5.0/11.0	A 374	L	FPM	Amortiguador
1155	12.00	27.50	5.7/10.7	A 372	L	DUREZA 85	Amortiguador
1156	32.00	50.00	8.00	A 016	L	DUREZA 85	Mahindra - Direccion Hidraulica
1157	32.00	47.00	8.00	A 016	L	DUREZA 85	Mahindra - Direccion Hidraulica
1158	200.00	230.00	15.00	Lx	L	NBR	SLC - Cocechadora Mod. 1175 - Rueda Delantera
1159	85.00	105.00	10.00	Mx	L	NBR	Bus - Youyi Maule - Rueda Delantera
1160	-	26.00	6.50	A 378	-	NBR	Tapa
1161	-	30.00	8.00	A 378	-	NBR	Tapa
1162	-	32.00	6.00	A 378	-	NBR	Tapa
1163	-	35.00	8.00	A 378	-	NBR	Tapa
1164	-	37.00	10.00	A 378	-	NBR	Tapa
1165	-	40.00	7.00	A 378	-	NBR	Tapa
1166	-	47.00	6.50	A 378	-	NBR	Tapa
1167	-	52.00	10.00	A 378	-	NBR	Tapa
1168	-	62.00	8.00	A 378	-	NBR	Tapa
1169	-	85.00	12.00	A 378	-	NBR	Tapa
1170	-	100.00	12.00	A 378	-	NBR	Tapa
1171	-	110.00	12.00	A 378	-	NBR	Tapa
1172	-	130.00	12.00	A 378	-	NBR	Tapa
1173	-	60.50	12.70	A 378	-	NBR	Tapa
1174	-	28.00	7.00	A 378	-	NBR	Tapa
1175	-	42.00	7.00	A 378	-	NBR	Tapa
1176	-	52.00	7.00	A 378	-	NBR	Tapa - Ford Ranger 2012 en adelante - caja 6ta
1177	-	63.53	7.90	A 378	-	NBR	Tapa
1178	-	80.00	10.00	A 378	-	NBR	Tapa
1179	56.00	112.00	8.0/10.0	A 293	L	NBR	Youyi Maule Bus - Rueda trasera
1180	95.00	130.00	20.50	A 108	L	NBR	Youyi Maule Bus - Rueda trasera
1181	24.50	42.00	6.00	Lz-R	H	ACM	Renault Master - Caja de Velocidades - Directa
1182	50.00	70.00	10.00	A 156-R	H	FPM	Iveco Dayli - Renault Master - Fiar Ducato - Peugeot Boxer - A. Auxiliar
1183	70.00	85.00	7.00	Lx-R	H	FPM	Renault Master Motor DCI - Arbol Auxiliar
1184	55.00	70.00	8.00	A 156-R	H	FPM	Iveco Daily - Ren.Master-Fiat Ducato-Peug.Boxer - Arbol de Levas
1185	60.00	75.00	7.00	Lx-R	H	FPM	Renault Master - Motor DCI 2.2 G9T - 2.5 G9U - Distribucion
1186	31.70	58.40	6.80	A 306	L	NBR	Peugeot 207 - 307 - Eje trasero
1187	34.90	52.00	10.00	Lx-R	H	ACM	Foton - Caja de Velocidades - Entrada
1188	58.00	75.00	10.00	Lx-R	AH	ACM	Foton - Caja de Velocidades - Entrada
1189	57.60	82.91	7.80	A 367	L	NBR	Mahindra - Maza Rueda Delantera
1190	77.00	102.00	9.5/21.5	A 388	L	NBR	Isuzu NKR 2.7 / 2.8 - Rueda Trasera Interior
1191	46.00	94.20	8.0/10	A 293	L	NBR	Isuzu NKR - Rueda Trasera Exterior
1192	57.00	124.00	13.00	A 382	L	NBR	Hino - Rueda trasera Exterior
1193	28.50	34.92	3.10	Ms	L	NBR	Agricola
1194	22.00	33.85	2.9/9.0	A 119	L	DUREZA 85	Amortiguador Cofap
1195	25.00	37.60	7.00	A 016	L	DUREZA 85	Fiat / Chevrolet / Ford - Direccion Hidraulica - Cremallera
1196	70.00	100.00	13.00	A 387	Bidi	ACM	Iveco Dayli - Rueda trasera - 49.10T
1197	28.00	47.00	7.50	Lx-R	H	ACM/FPM	Renault Clio - Motor D4F 1.2 16V - Arbol de Levas
1198	46.81	69.88	10.80	A 098-R	H	ACM/FPM	Ford Explorer / Ranger Motor 4.6 I V8
1199	38.00	52.00	10.00	Lx	L	NBR	Industrial
1200	20.00	32.0	10.00	A 119	L	DUREZA 85	Amortiguador Cofap
1201	140.00	167.00	12.00	Lx	L	NBR	Jac - Camion
1202	15.00	27.00	6.00	Mx	L	ACM/FPM	Desmalesadora
1203	58.00	70.00	7.50	A 391	Bidi	NBR	Toyota Hilux Mod 2008 en adel. - Rueda trasera - Palier
1204	24.60	44.50	7.90	Mz	L	DUREZA 85	New Holland Cocechadora C1500 - Bomba Hidraulica
1205	27.00	42.70	7.90	Mx	L	DUREZA 85	Vickers - Bomba Hidraulica
1206	56.00	69.00	17.00	A 065	L	NBR	Toyota Hilux - Rueda trasera Exterior - Mod. 2009 en adel.
1207	22.00	47.00	5.5/10.0	A 392	L	DUREZA 85	Amortiguador
1208	47.90	69.85	11.90/31.0	A 393-Bidi	Bidi	FPM	GM - S10 - Blazer - Salida de Caja 4 x 2 - 2012 en adelante
1209	47.60	69.85	9.50	Lx	L	NBR	Massey Ferguson
1210	35.00	52.00	12.00	Lx	L	NBR	Industrial
1211	45.00	70.00	14.0/17.0	A 298	Bidi	NBR	Massey Ferguson - Carraro - Masa Semiejes tractores
1212	57.15	82.58	12.70/14.95	A 396	L	NBR	Equipo de Riego

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
1213	27.00	50.80	13.10/16.50	A 396	L	NBR	Equipo de Riego
1214	127.00	147.00	11.50	Mx	L	NBR	Hino - Rueda trasera Interior
1215	154.00	175.00	13.00	A 395	L	NBR	Hino - Rueda trasera Interior
1216	56.00	72.30	8.00	A 322	L	NBR	Subaru Impresa - Rueda Trasera Exterior
1217	67.25	96.60	12.70	Mz	L	NBR	Case 580 H - Rueda Delantera
1218	65.00	94.70	12.50	A 397	L	NBR	Case 580 H - Rueda Delantera
1219	46.00	62.00	8.0/14.0	A 109	L	NBR	GM - Spark - Rueda Delantera
1220	25.00	50.00	7.0/10.7	A 120	L	DUREZA 85	Amortiguador
1221	22.00	48.00	7.0/10.7	A 120	L	DUREZA 85	Amortiguador
• 1222	22.00	42.40	5.5/10.0	A 392	L	DUREZA 85	Amortiguador
• 1223	20.00	42.40	5.5/10.0	A 392	L	DUREZA 85	Amortiguador
1224	20.00	47.00	5.5/10.0	A 392	L	DUREZA 85	Amortiguador
1225	37.00	50.00	11.00	A 349	L	DUREZA 85	Honda twisted / nx 350 / xr 200 - Suspension - Barrales delanteros
1226	41.10	50.70	6.35	Mx	L	NBR	Industrial
1227	50.00	80.00	10.00	A 402	L	NBR	
1228	56.00	72.20	8.0/10.0	A 398	L	DUREZA 85	Suzuki Swift / Baleno / Cultus - Rueda
1229	38.00	52.25	7.00	Lz	L	NBR	Valmet 62 - 65 - 68 - 85 - 88 - Toma de Fuerza
1230	37.00	50.00	10.00	Lx	L	NBR	Industrial
1231	78.00	110.00	13.00	Lx	L	NBR	Industrial
1232	100.00	135.00	12.00	Lx	L	NBR	Industrial
1233	35.00	62.00	27.50	A 113	L	FPM	Troller - Salida Semieje
1234	-	69.85	8.00	A 378		NBR	Tapa
1235	70.00	100.00	13.5/14.30	A 298	Bidi	FPM	Iveco New Daily 2.8 - Rueda Trasera
1236	41.00	53.00	8.0/10.50	A 090	L	DUREZA 85	Yamaha FZ16 - Suspension Barrales Delanteros
1237	37.00	72.00	12.0/14.50	A 114	L	MVQ	Lavasecarropas Brastemp
1238	63.50	102.50	17.50/24.00	A 197-R	H	FPM	Ford F4000 c/diferencial Dana 80 - Piñon
1239	57.20	92.00	18.00	Kx	L	NBR	Agricola
1240	55.00	72.00	8.0/13.30	A 400	L	FPM	Agricola - Retrocultivador
1241	34.93	60.30	12.70	Lx	L	NBR	Industrial - Reductor
1242	-	72.00	9.00	A 378		NBR	Tapa
1243	60.00	90.00	10.00	A 111	L	NBR	Agricola - Ombu
1244	25.00	45.00	7.0/8.5	A 139	L	NBR	Agricola - Maizco
1245	48.00	80.00	10.00	A 401	L	NBR	Agricola - Maizco - Caja DM100F
1246	17.00	25.00	3.50	Lt	L	NBR	Agricola - Meypla - Rueda Pisa granos
1247	17.00	34.00	4.00	Lt	L	NBR	Agricola - Meypla - Rueda Pisa granos
1248	50.00	72.50	11.0/16.0	A 053	L	NBR	Agricola
1249	33.00	55.00	8.5/13.5	A 308-R	H	NBR	Renault Megane2 c/motor K4M 1.6 16v / K9K 1.5Dci - caja de velocidades - salida semieje Der
1250	40.00	55.00	8.0/14.0	A 308	Bidi	NBR	Renault Megane2 c/motor K4M 1.6 16v / K9K 1.5Dci - caja de velocidades - salida semieje Izq
1251	39.00	50.00	7.00	Lx-R	H	FPM	Peugeot - Citroen - Arbol de Levas Motor EW7A - EW10A
1252	38.00	59.00	8.0/13.5	A 308-R	AH	NBR	Renault Megane2 c/motor F4R 2.0 - caja de velocidades - salida semieje Izquierdo
1253	32.00	59.00	9.0/17.0	A 308-R	H	NBR	Renault Megane2 c/motor F4R 2.0 - caja de velocidades - salida semieje Derecho
1254	105.00	130.00	12.00	A 156-R	AH	FPM	M. Benz - Scania - Iveco - Volvo c/caja ZF - Salida trasera
1255	31.75	41.27	4.78	Mz	L	NBR	Industrial
1256	21.00	35.0/40	10.00	A 079	L	ACM	VW Amarok - Tapa de Valvulas - inyectores
• 1257	76.20	95.4/105	17.00	A 407	L	FPM	Ford Cargo / VW - Diferencial Doble - Salida Piñon
• 1258	82.50	107.95/118.5	19.00	A 407	L	FPM	Ford Cargo / VW - Diferencial Doble - Entrada Piñon
1259	48.40	72.37	11.90	A 411-R	H	FPM	GM S10/ Triblazer - Caja de Transferencia - Entrada - 2012 en adelante
1260	53.00	68.00	11.70	A 409	L	NBR	GM S10/ Triblazer - Rueda Trasera - Palier - 2012 en adelante
1261	54.00	74.0/84.0	13.00	A 427-R	H	FPM	GM S10/ Triblazer / VW Amarok - Piñon - 2012 en adelante
1262	41.27	62.00	9.65	Mx	L	NBR	Agricola
1263	31.00	43.0/47.5	8.0/14	A 414	L	NBR	Honda / Motomel - Barrales Delanteros
1264	28.00	77.00	8.0/15	A 412-R	AH	ACM	VW Amarok - Diferencial Delantero - Piñon
1265	45.00	65.00	9.0/13	A 109	Bidi	ACM	VW Amarok - Diferencial Delantero - Salida de Palier
1266	49.00	68.00	9.75	A 156	L	FPM	VW Amarok - Caja de Transferencia - Entrada
1267	11.75	32.40	8.0/12.0	A 420	L	FPM	VW Amarok - Caja de Transferencia - Entrada Servo
1268	47.00	88.00	10.0/12	A 114	L	NBR	Mabe / Patrick / G. Electric - Lavarropas
1269	25.00	48.80/57.60	14.00	A 410	L	NBR	Drean Concept - Eje Centrifugado
1270	30.00	52.00	11.00	A 418	L	NBR	Longvie / Candy - Lavarropas
1271	25.00	47.00	11.0/12.5	A 419	L	NBR	Longvie / Candy - Lavarropas
1272	50.00	68.00	9.0/14.00	A 109-R	H	FPM	Toyota Hilux D4D - 2.5 - 3.0 - Distribucion
1273	95.00	115.00	9.5/12	A 109-R	AH	FPM	Toyota Hilux D4D - 2.5 - 3.0 - Bancada
1274	29.00	46.00	13.40	A 417	L	ACM	Toyota Hilux D4D - 2.5 - 3.0 - Inyectores
• 1275	16.00	23.50	30.00	A 422	L	NBR	Toyota Hilux D4D - 2.5 - 3.0 - Sello Soporte Inyectores
1276	-	100.0/108	18.00	A 416		NBR	Mercedes Benz - Atego / 1620 / 1725 / Bus - Caja G60/6 - G85/6 - Tapon
1277	150.00	180.00	14.5/16	A 423	L	NBR	Carraro

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
1278	42.00	76.00	13.5/19	A 296	L	ACM	Nissan Frontier / Pathfinders / Terra - Piñon (Naftera)
• 1279	50.00	72.00	14.50	A 415	L	NBR	Nissan Frontier / Pathfinders / Terrano / NP300
• 1280	80.00	110/115	10.0/13	A 421	L	FPM	Iveco Eurocargo /E120/130/150/Tector
1281	58.00	103.00	12.0/20	A 308	L	NBR	Pala Michigan R45C - Diferencial
1282	55.00	102.00	9.00	A 293	L	NBR	Pala Michigan R45C - Palier
• 1283	43.00	53.00	8.00	Ms	L	NBR	Industrial
• 1284	47.00	80.00	7.5/26.0	A 431	Bidi	NBR	Toyota Hilux - salida diferencial delantero derecho - mod 2012 en adelante
• 1285	47.00	69.00	7.5/26.0	A 431	Bidi	NBR	Toyota Hilux - salida diferencial delantero izquierdo- mod 2012 en adelante
1286	85.00	-	-	A 426-R	AH	TEF	VW-Gol - Gol Trend-Fox-Suran-Voyage-Golf - Bancada -Sensor c/guia.
1287	25.00	47.00	5.00	Lx	L	NBR	Industrial
1288	35.00	58.00	8.0/11.3	A 308-R	H	ACM	Honda - Civic-Fit-City - Salida Semieje Derrecho
1289	90.00	140.00	12.00	Lx	L	NBR	Reductor
1290	44.45	63.50	7.95	A 428	Bidi	FPM	Bombas Danfoss
1291	17.00	24.00	5.00	Mt	L	NBR	Industrial
1292	30.00	42.00	10.00	Mx	L	NBR	Industrial
1293	35.00	62.00	9.50	Mx	L	NBR	Yanmar Pulverizador Diesel
1294	44.00	79.90	12.00	Mx	L	NBR	Carreta basculante Lavrale - Agrícola
1295	60.30	85.10	6.40	Mx	L	NBR	VME - Michigan - Clarck - Eaton
1296	24.00	40.10	10.00	Lx	L	NBR	Pereira Lopez - Eje Principal
1297	133.40	165.10	15.90	Kx-R	H	NBR	Hubber Warco - Clark - Cubo rueda trasera
1298	20.00	26.00	4.00	Lt	L	NBR	Agrale Elefante - Amortiguador del Soporte
1299	108.00	133.40	12.00	Kx	Bidi	NBR	VME - FS01305 - CL2215 - CL2615 - FS2305 - Clarck Michigan - Cubo Rueda trasera
1300	85.00	140.00	12.00	Lx	L	NBR	Reductor
1301	85.00	110.00	14.00	Mx	L	NBR	Valmet - E300 - 360 - Punta de eje
1302	47.00	84.00	9.5/12.5	A 308	L	FPM	Michigan
• 1303	35.00	92.0/98.0	13.0/27.0	A 430	L	NBR	Carraro - Piñon
• 1304	48.00	75.00	14.0/17.0	A 423	L	NBR	Carraro
1305	150.00	165.00	9.0/12.0	A 429	L	DUREZA 85	Carraro
1306	140.00	155.00	9.0/12.0	A 429	L	DUREZA 85	Carraro
1307	-	72.00	10.00	A 378		NBR	Industrial - Tapa
1308	-	72.00	8.00	A 378		NBR	Industrial - Tapa
1309	-	75.00	10.00	A 378		NBR	Industrial - Tapa
1310	-	80.00	12.00	A 378		NBR	Industrial - Tapa
1311	-	90.00	10.00	A 378		NBR	Industrial - Tapa
1312	-	90.00	8.00	A 378		NBR	Industrial - Tapa
1313	-	92.00	10.00	A 378		NBR	Industrial - Tapa
1314	-	100.00	10.00	A 378		NBR	Industrial - Tapa
1315	-	110.00	10.00	A 378		NBR	Industrial - Tapa
• 1316	-	130.00	10.00	A 378		NBR	Industrial - Tapa
1317	-	170.00	10.00	A 378		NBR	Industrial - Tapa
1318	-	180.00	15.00	A 378		NBR	Industrial - Tapa
1319	12.70	34.93	6.35	Mz	L	NBR	Industrial
1320	-	20.00	8.00	A 378		NBR	Industrial - Tapa
1321	-	24.00	7.00	A 378		NBR	Industrial - Tapa
1322	-	28.00	5.00	A 378		NBR	Industrial - Tapa
1323	-	30.00	7.00	A 378		NBR	Industrial - Tapa
1324	-	32.00	7.00	A 378		NBR	Industrial - Tapa
1325	-	35.00	6.00	A 378		NBR	Industrial - Tapa
1326	-	35.00	9.00	A 378		NBR	Industrial - Tapa
• 1327	-	37.00	7.00	A 378		NBR	Industrial - Tapa
1328	-	40.00	10.00	A 378		NBR	Industrial - Tapa
1329	-	42.00	8.00	A 378		NBR	Industrial - Tapa
1330	-	42.00	10.00	A 378		NBR	Industrial - Tapa
1331	-	45.00	8.00	A 378		NBR	Industrial - Tapa
1332	-	46.00	10.00	A 378		NBR	Industrial - Tapa
1333	-	47.00	10.00	A 378		NBR	Industrial - Tapa
1334	-	47.00	4.50	A 378		NBR	Industrial - Tapa
1335	-	47.00	7.00	A 378		NBR	Industrial - Tapa
1336	-	47.00	8.00	A 378		NBR	Industrial - Tapa
1337	-	50.00	8.00	A 378		NBR	Industrial - Tapa
1338	-	52.00	9.00	A 378		NBR	Industrial - Tapa
1339	-	55.00	10.00	A 378		NBR	Industrial - Tapa
1340	73.42	110.20	9.00	A 193	L	NBR	Rastra BMTL
1341	-	60.00	8.00	A 378		NBR	Industrial - Tapa
1342	-	62.00	10.00	A 378		NBR	Industrial - Tapa

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
1343	-	62.00	7.00	A 378	-	NBR	Industrial - Tapa
1344	-	65.00	10.00	A 378	-	NBR	Industrial - Tapa
1345	-	68.00	8.50	A 378	-	NBR	Industrial - Tapa
• 1346	-	70.00	10.00	A 378	-	NBR	Industrial - Tapa
1347	-	85.00	10.00	A 378	-	NBR	Industrial - Tapa
1348	-	90.00	12.00	A 378	-	NBR	Industrial - Tapa
1349	-	120.00	12.00	A 378	-	NBR	Industrial - Tapa
1350	-	130.00	13.00	A 378	-	NBR	Industrial - Tapa
• 1351	-	125.00	12.00	A 378	-	NBR	Industrial - Tapa
• 1352	-	140.00	12.00	A 378	-	NBR	Industrial - Tapa
1353	-	140.00	15.00	A 378	-	NBR	Industrial - Tapa
1354	-	150.00	15.00	A 378	-	NBR	Industrial - Tapa
• 1355	-	160.00	15.00	A 378	-	NBR	Industrial - Tapa
1356	-	56.00	7.00	A 378	-	NBR	Industrial - Tapa
1357	32.00	52.00	11.0/15	A 151	L	NBR	Agrícola
1358	-	60.50	8.00	A 378	-	NBR	Industrial - Tapa
1359	41.00	59.00	10.0/15	A 308-R	H	NBR	Toyota Hilux D4D - Caja Transf. Salida delantera
1360	41.00	61.00	10.0/15	A 308-R	AH	NBR	Toyota Hilux D4D - Caja Transf. Salida Trasera
• 1361	42.70	67.58	11.0/16	A 331	Bidi	ACM	GM S10 - Tribler - Diferencial Delatero - Piñon
• 1362	160.00	180.00	13.00	Lx	L	NBR	Industrial
1363	35.00	52.00	7.00	A 156-R	H	FPM	Ford Ranger - Caja de Velocidades - Directa 2012 en adelante
1365	40.00	58.00	8.8/15	A 432-R	AH	ACM	Ford Ranger - Caja de Velocidades - Salida 2012 en adelante
1366	15.50	25.30	6.75/8.50	A 433	L	NBR	Ford Ranger - Caja de Velocidades - Selectora 2012 en adelante
1367	45.00	70.00	14.0/24	A 369-R	H	ACM	Ford Ranger/Nissan Frontier Xterra Pathfinder - Caja de Transf.- Salida delantera 2012 en adel.
• 1368	130.00	160.00	14.5/16	A 423	L	NBR	Carraro
• 1369	40.00	69.00	14.00	A 345	L	NBR	GM - S10/Tribler 4x4 - Salida Semiejes delanteros 2012 en adelante
1370	33.00	44.00	8.00	Mt	L	NBR	Industrial
• 1371	40.00	75.00	10.8/15.5	A 296	Bidi	ACM	Kia K2500 - K2700 - Besta - Sorento - Piñon
1372	30.00	62.00	10.10	Mx	L	NBR	Hatsuta 340.149
1373	88.00	-	-	A 435-R	AH	TEF	Ford - Focus - Mondeo - Eco Sport - Motor Duratec 2.0 - Bancada
1374	85.00	-	-	A 434-R	AH	TEF	Volkswagen - Amarok - Motor 2.0 - Bancada
• 1375	180.00	200.00	17.00	A 437	L	FPM	Iveco - Stralis / Eurotrakker/ Eurotech / Trakker - Rueda Trasera
5025	20.00	40.00	6.00	Lx	L	NBR / MVQ	Fiat - Someca
5027	48.42	81.00	11.90	Lz	L	NBR / MVQ	Apache - Dodge - Met. Armstrong
5029	35.00	62.00	10.00	Lx	L	NBR/ACM/MVQ/FPM	Apache - Fabimag - Mainero - Templar - Deutz - Fiat - Peugeot - Motos
5030	20.00	47.00	10.00	Lz	L	NBR	Scania - Rambler
5031	28.00	40.00	7.00	Lx	L	NBR/ACM/MVQ/FPM	Apache - Vasalli - Volkswagen - Pegaso - Motos
5032	44.45	62.15	6.35	A 159	L	NBR	Dodge - IKA
5033	50.80	-	14.28	A 141	L	NBR / FPM	IKA
5035	52.40	81.00	11.50	Kx	L	NBR / MVQ	IKA
5036	52.40	81.00	11.50	Kz	L	NBR	Marani - Dodge - Ford - IKA
5038	39.42	80.27	14.25	A 005	L	NBR	G.M.C.-Dodge - Ford - IKA
5039	40.10	61.16	13.49	Kz	L	NBR	Gema-Giubergía-Vasalli
5040	29.00	46.46	11.50	Lz	L	NBR	Máquinas Agrícolas
5045	44.85	61.42	9.52	Mz	L	NBR / ACM / MVQ	Implementos - General Motors - Opel
5047	47.63	75.33	6.35	Lt	L	NBR	General Motors
5048	46.00	75.28	6.35	Lz	L	NBR	General Motors-La Atómica
5050	17.00	40.00	6.00	Lx	L	NBR	Apache - Siambretta
5052	22.00	40.00	7.00	Lz	L	NBR	Fabimag - Gema - Marani - Met. Armstrong - Siambretta
5053	25.00	40.00	8.00	Lx	L	NBR / MVQ	Crucianelli - Erca - Isard - Fiat Camión - Motos - Tanzi - Gema
5056	22.00	47.00	10.00	Lx	L	NBR/MVQ/FPM	Fabimag - Sembrar - De Carlo - Lezcano - MB 1214
5057	25.00	47.00	10.00	Lx	L	NBR / MVQ	Marcibur - Fiat - Deutz - Scania - MB - Pegaso - Motos
5060	30.00	47.00	10.00	Lx	L	NBR	Don Roque - Vasalli - Scania - Siambretta
5063	25.00	62.00	10.00	Lz	L	NBR / MVQ	Industrial
5065	38.00	62.00	10.00	Lz	L	NBR/MVQ/FPM	Migra - Sembrar - Peugeot
5069	40.00	62.00	10.00	Lx	L	NBR / MVQ	Deutz - Bernardin - Don Roque - Dodge - Hanomag - Pegaso - Motos
5070	42.00	62.00	10.00	Lz	L	NBR / MVQ	Bernardin - Fiat - Peugeot - Juber
5071	45.00	62.00	12.00	Lz	L	NBR / MVQ	Hanomag - Peugeot
5072	45.00	62.00	10.00	Lz	L	NBR/MVQ/FPM	Don Roque - Fiat - Deutz - Peugeot
5074	15.00	24.00	7.00	Lx	L	NBR	Agrale - IKA - Volkswagen - Motos
5075	28.50	34.92	3.10	Mt	L	NBR	I.K.A. - Willys
5077	19.00	47.00	8.00	Lx	L	NBR	Motos
5078	15.00	30.00	7.00	Lz	L	NBR / MVQ	M. Benz - Motos
5079	34.93	53.49	12.30	Lz	L	NBR	Marani - Sembrar - Ford
5080	62.00	100.00	12.00	Lx	L	NBR/MVQ/FPM	Marcibur - Pierobon - Volvo

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5081	17.00	-	3.00	A 007	L	NBR	M. Benz - Fiat
5083	20.00	-	3.00	A 007	L	NBR	Fiat - M. Benz
5084	20.00	40.00	10.00	Lx	L	NBR / MVQ	Hanomag-Someca-Deutz - Motos - Zetor
5085	17.00	28.00	7.00	Lz	L	NBR / MVQ	Fiat-M. Benz-Citröen
5086	20.00	40.00	7.90	Lx	L	NBR / MVQ	Fiat - Hanomag - Someca - Motos - Ford Taunus Direccion
5087	20.00	35.00	7.00	Lx	L	NBR / MVQ	Gema - M. Benz- Bedford - GM - Perkins - Motos
5088	17.00	34.00	4.00	Lx	L	NBR	Perkins
5089	17.00	28.00	5.0/8.0	A 081	L	NBR	Cinal For - Rastrojero
5090	19.00	32.00	7.00	Lx	L	NBR/MVQ/ACM	Mack
5091	66.68	112.70	11.11	Lx	L	NBR	Marcibur - International
5092	22.00	45.00	7.00	Lx	L	NBR / ACM	Pierobon - Fiat - Renault
5093	33.00	49.20	10.50	Lz	L	NBR	Opel
5094	48.00	68.00	14.00	Lx	L	NBR / MVQ	Fiat Someca - Sembrar
5095	35.00	58.00	12.00	Lz	L	NBR	Opel
5096	22.22	33.22	9.52	Lz	L	NBR	International
5097	35.00	52.00	10.00	Lx	L	NBR / MVQ	Apache - Bernardin - Erca - Fiat - Ford - M. Benz - IKA
5099	48.00	72.00	12.00	Lz	L	NBR	Sembrar - Opel
5100	34.93	61.90	11.90	Lz	L	NBR	Apache - Hanomag - Sembrar - Senior - Dodge
5101	31.75	60.50	12.70	Lx	L	NBR	Sembrar - Senior
5102	34.93	60.50	12.70	Lx	L	NBR	Dodge - Ford
5103	34.93	50.80	7.93	Mz	L	NBR	Vasalli
5104	34.93	53.97	11.11	Lz	L	NBR	John Deere - Gema - Fiat - Cockshutt - Bedford - Hubber Warco
5105	22.22	38.07	9.92	Lz	L	NBR	Caterpillar - Dodge
5106	85.21	117.08	15.87	A 010	L	NBR	Bedford
5107	82.60	107.92	12.70	Kx	L	NBR	Bedford - Caterpillar - Clark - Dodge - Ford - General Motors
5108	93.64	142.88	12.70	Kx	L	NBR / MVQ	Bedford - General Motors - Dodge - Ford
5109	63.50	82.58	12.70	Lz	L	NBR	Ford - Bedford
5111	49.20	65.06	12.70	Mx	L	NBR / MVQ	Bedford - General Motors
5112	25.40	44.50	5.00	Lz	L	NBR / MVQ	Bedford - Perkins
5119	25.00	52.00	7.00	Lz	L	NBR / MVQ	Gema - Alpino - Fiat
5120	39.42	63.55	12.70	Lz	L	NBR / MVQ	Gema - IKA
5121	15.00	35.00	10.00	Lx	L	NBR / MVQ	M. Benz
5122	28.00	47.00	10.00	Lz	L	NBR	Gema - Fiat - M. Benz
5123	15.00	28.00	6.00	Lx	L	NBR/ACM/MVQ	M. Benz
5124	28.00	47.00	10.00	Lx	L	NBR	Pierobon
5125	70.00	89.00	10.00	Lz	L	NBR	Austin
5127	42.00	72.00	10.00	Lz	L	NBR / MVQ	Apache - Marani - M.A.N. - Lezcano
5128	48.00	72.00	7.00	Lx	L	NBR / MVQ	Juber - D.K.W. - Kombi VW
5129	52.00	72.00	10.00	Lx	L	NBR / MVQ	Opel - Mainero - MB Piñon
5130	30.00	52.00	10.00	Lx	L	NBR/MVQ/FPM	Apache - Crucianelli - Erca - Opel
5131	11.00	30.00	10.00	Lx	L	NBR	M. Benz
5132	34.00	52.00	7.50	Lx	L	NBR	Fabimag - Sembrar - Bedford - Fiat - Renault
5133	20.00	30.00	7.00	Lz	L	NBR / MVQ	Hanomag - Pierobon - Fiat - Pegaso - Motos
5134	17.00	30.00	7.00	Lz	L	NBR/MVQ/FPM	M. Benz
5135	17.00	30.00	6.00	Lz	L	NBR / MVQ	Fiat
5136	12.00	30.00	8.00	Lx	L	NBR	Fiat - Someca - M. Benz
5137	12.00	30.00	8.0/13.0	A 245	L	NBR	Renault
5138	15.00	30.00	7.00	Lx	L	NBR / FPM	M. Benz
5139	15.00	30.00	10.00	Lx	L	NBR	Sachs
5140	16.50	30.00	7.00	Lz	L	NBR	Zanella - Mainero
5141	50.00	72.00	10.00	Lz	L	NBR/MVQ/FPM	Marani - Fiat - Hanomag - M. Benz
5142	38.00	72.00	12.00	Lx	L	NBR/MVQ/FPM	Pierobon - Ford - Margaria
5143	34.00	72.00	14.00	Lx	L	NBR	Opel
5144	45.00	72.00	10.00	Lz	L	NBR / MVQ	Mainero - Marani - Porsche
5145	48.00	72.00	10.00	Lz	L	NBR/MVQ/FPM	Volkswagen - Marcibur
5146	55.00	72.00	10.00	Lx	L	NBR/MVQ/FPM	Erca - Marani - Deutz - Fiat
5147	50.00	72.00	12.00	Lx	L	NBR / MVQ	Bernardin - Hanomag
5148	40.00	52.00	7.00	Lx	L	NBR/MVQ/FPM	Bernardin - Don Roque - Vasalli - Deutz - Yomel
5149	38.10	52.40	7.14	Lz	L	NBR	Ford
5150	38.10	52.37	11.11	Lz	L	NBR	General Motors - Dodge
5151	38.00	52.00	8.00	Lx	L	NBR/MVQ/FPM	Hanomag - Valmet - Opel
5152	33.00	52.00	10.00	Lx	L	NBR / MVQ	Ind. Met. Chiapano - Borgward - Rastrojero - Motos
5153	32.00	52.00	9.00	Lx	L	NBR	Pegaso - MB eje ventilador
5154	32.00	52.00	7.00	Lx	L	NBR/MVQ/FPM	Gema - Isard - N.S.U.
5155	25.00	52.00	10.00	Lz	L	NBR/ACM/MVQ	Gema - Jawa

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5157	22.00	37.00	7.00	A 135	L	NBR	M. Benz
5158	24.00	37.00	7.00	Lx	L	NBR	Don Roque - Lambretta
5159	25.40	37.00	7.50	Lz	L	NBR	Dodge - Opel - IKA
5160	26.00	37.00	8.00	Lx	L	NBR / ACM	Volvo
5161	15.00	37.00	2.50	Lt	L	NBR	B.T.H.
5163	25.00	45.00	10.00	Lz	L	NBR / MVQ	Deutz - Isard
5165	28.00	45.00	7.50	Lx	L	NBR / MVQ	Fiat - Renault - Marani
5167	30.00	45.00	10.00	Lz	L	NBR	Fiat - Ford
5168	32.00	45.00	7.00	Lx	L	NBR	Vasalli - Deutz - M. Benz
5169	41.28	73.02	11.90	Lz	L	NBR	Ardanaz - Bernardin - International
5170	30.00	55.00	9.50	Lz	L	NBR/ACM/MVQ/FPM	Fiat
5171	32.00	55.00	8.00	Lz	L	NBR	Fiat
5172	32.00	55.00	9.50	Lz	L	NBR	Alpino - Fiat
5173	35.00	55.25	10.00	Lx	L	NBR / FPM	Bernardin - Fiat
5174	38.00	55.25	9.00	Lx	L	NBR	Guzzi
5175	40.00	55.00	8.00	Lx	L	NBR / MVQ	Don Roque - Isard - Ford - Motos
5176	40.00	55.00	10.00	Lz	L	NBR / MVQ	Fiat - MB 1214
5177	40.00	55.00	10.00	Lx	L	NBR/MVQ/FPM	Isard
5178	35.00	54.55	10.50	Lz	L	NBR	Fiat
5180	35.00	58.00	10.00	Lx	L	NBR	Fiat
5181	40.00	58.00	12.00	Lz	L	NBR	Fiat
5182	40.00	58.00	10.00	Lx	L	NBR/MVQ/FPM	Graciela - Peugeot
5183	42.86	57.93	12.70	Lz	L	NBR	G.M.C.
5184	45.00	57.88	9.50	Lx	L	NBR	Volvo
5187	38.00	60.00	10.00	Lz	L	NBR	Fiat
5188	38.10	60.30	19.05	Mx	L	NBR / MVQ	G.M.C. - IKA - Ford
5189	40.00	60.00	10.00	Lx	L	NBR/MVQ/FPM	Garro Fabril - De Carlo - Fiat
5190	50.80	80.11	9.52	A 011	L	NBR	Dodge
5191	64.00	80.00	8.00	Lx	L	NBR / MVQ	Vasalli - Fiat
5193	64.00	80.00	8.00	Lz-R	AH	NBR/MVQ/ACM	Fiat 600 - 1100
5194	48.42	80.11	9.52	A 011	L	NBR	G.M.C. - Chrysler - Dodge
5195	50.00	80.00	10.00	Lx	L	NBR / MVQ	Marcibur - Vasalli - Fiat
5196	50.00	80.00	10.00	Ls	L	NBR	Yomel
5197	52.40	80.00	6.35	Lt	L	NBR	Yomel - General Motors
5198	55.00	80.00	10.00	Lz	L	NBR	Fiat - Pegaso
5199	56.00	80.00	12.00	Lz	L	NBR	Fiat Someca - Vasalli
5200	60.00	80.00	10.00	Lx	L	NBR/MVQ/FPM	Bernardin - Don Roque - Vasalli - Marani - Hanomag - M. Benz - Deutz
5201	60.00	80.00	13.00	Lx	L	NBR	Bernardin - Mainero - M. Benz - Fahr
5204	49.20	65.06	12.70	Mz-R	H	ACM	Bedford - General Motors
5205	39.42	80.26	14.25	A 003	L	NBR/MVQ/ACM	Ford-G.M - Dodge - IKA - Peugeot - Rastrojero
5206	40.10	61.16	12.70	Kx	L	NBR	Gema - Vasalli
5208	40.00	60.00	10.00	Lz-R	H	NBR	Fiat
5209	42.00	56.00	8.00	A 136	L	NBR	Fiat
5210	42.00	56.00	8.00	A 335	L	NBR	Fiat
5211	42.00	56.00	7.00	A 136-R	H	ACM	Fiat
5212	45.00	65.00	10.00	A 079	L	NBR	Fiat
5213	45.00	65.00	10.00	A 079-R	H	ACM	Fiat
5214	45.00	62.00	7.00	Mz	L	NBR	Fiat
5215	45.00	62.00	7.00	Mz-R	H	NBR	Fiat
5216	80.00	100.00	10.00	A 079	L	NBR	Fiat
5217	80.00	100.00	10.00	A 079-R	AH	ACM	Fiat
5220	38.00	65.00	10.00	Lx	L	NBR	Borgward
5221	42.00	65.00	12.00	Lx	L	NBR / MVQ	M. Benz
5222	44.00	65.00	10.00	Lx	L	NBR	Borgward-Fiat-M. Benz
5223	45.00	65.00	10.00	Lz	L	NBR/MVQ/FPM	Bernardin - Fiat - Gema - Deutz
5224	47.00	65.00	11.00	Lx	L	NBR / FPM	Siam Hoover
5225	47.63	64.95	8.28	Lz	L	NBR / MVQ	Mainero - Ford
5226	48.00	65.00	10.00	Lx	L	NBR/MVQ/FPM	Don Roque - Marani - Vasalli - Citroën
5227	48.00	65.00	10.50	Lz	L	NBR / MVQ	D.K.W. - Citroën - M. Benz
5229	48.00	65.00	14.00	Lz	L	NBR	Cinal for - M. Benz
5230	50.00	65.00	10.00	Lz	L	NBR/MVQ/ACM/FPM	Fiat Someca - Don Roque - Vasalli - MB
5231	45.00	65.00	8.00	Lx	L	NBR/MVQ/ACM/FPM	Citroën - Kombi VW
5232	62.00	105.00	8.00	Lz	L	NBR	Máquinas Agrícolas
5233	75.00	100.00	12.00	Lz	L	NBR/ACM/MVQ	Implementos - Deutz - Fiat - Scania
5234	80.00	100.00	10.00	Lx	L	NBR/MVQ/FPM	Yomel - Scania

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5235	80.00	100.00	13.00	Lz	L	NBR	Deutz - Fahr
5236	70.00	100.00	13.00	Lx	L	NBR / MVQ / FPM	Implementos - Fiat - Deutz
5238	54.00	68.00	10.50	Lx	L	NBR / MVQ	Tractor Fiat - Saurer - Yomel
5239	34.93	68.22	12.70	Lx	L	NBR	Vasalli - Chrysler - Dodge
5240	36.00	68.00	10.00	Lz	L	NBR	Fiat
5241	39.69	68.27	11.11	Lx	L	NBR / MVQ	Massey Ferguson
5243	20.00	33.00	10.00	Lx	L	NBR	Rastrojero - Dodge - IKA
5245	14.00	35.00	8.00	Lx	L	NBR	Alpino
5246	15.00	35.00	8.00	Lz	L	NBR / MVQ	Cinal for - Fiat 600 - 133 - Motos
5248	17.00	35.00	10.00	Lz	L	NBR / FPM	Motos
5249	17.00	35.00	8.00	Lz	L	NBR / MVQ	Gema - Fiat - Citroën - Renault - Motos
5250	17.00	35.00	10.0/13.0	A 135	L	NBR	M. Benz
5251	19.00	35.00	10.00	Lx	L	NBR / MVQ	John Deere
5252	20.00	35.00	10.00	Lx	L	NBR/MVQ/FPM	Motos - Perkins
5253	20.00	35.00	10.0/13.0	A 135	L	NBR	M. Benz
5254	22.00	35.00	6.00	Lx	L	NBR/ACM/MVQ	Gema - Vasalli - Ford - Perkins - Bedford - Motos
5255	22.22	34.92	7.93	Lx	L	NBR	Caterpillar - Di Tella - Dodge - Ford
5256	25.00	35.00	7.00	Lz	L	NBR/MVQ/ACM	Pierobon - Sembrar - Motos-Fiat-M. Benz
5258	15.87	38.07	9.52	Lz	L	NBR	International
5259	19.00	38.07	9.92	Lz	L	NBR	Bedford - Perkins
5260	20.00	38.00	7.00	Lx	L	NBR / MVQ	Industrial
5261	25.40	38.07	6.35	Lz	L	NBR / MVQ	Caterpillar - Hércules - Jhon Deere
5262	25.40	38.07	9.92	Lx	L	NBR	Dodge - Ford - Prati
5263	26.80	38.07	5.56	Lx	L	NBR	Dodge - Valiant
5264	28.00	38.00	7.00	Lx	L	NBR / MVQ	Alcal - Gilera - GM - Perkins - Motos
5266	17.00	40.00	8.50	Lz	L	NBR	Motos
5267	20.00	40.00	4.00	Lt	L	NBR / MVQ	Puma
5268	22.00	40.00	7.00	Lx	L	NBR / MVQ	Marani - Vasalli
5269	24.00	40.00	8.00	Lz	L	NBR	Industrial
5270	30.00	40.00	7.00	Lz	L	NBR/MVQ/FPM	Don Roque - Gema - M. Benz
5271	25.00	40.00	10.00	Lz	L	NBR / MVQ	Deutz - Bernardin - Gema - Marani - Alpina - Rumi - Pegaso
5272	25.50	40.00	7.00	Lx	L	NBR / MVQ	Erca
5274	50.80	80.00	6.35	Ls	L	NBR	Marani - General Motors
5276	50.00	90.00	10.00	Lx	L	NBR	Fiat Someca - Don Roque - Marcibur
5277	55.00	90.00	13.00	Lx	L	NBR	Henschel - Metalfor
5278	60.00	90.00	10.00	Lx	L	NBR / MVQ	Ardanas - Bernardin - Fabimag - Fiat Someca - Erca - M. Benz
5279	65.00	90.00	10.00	Lz	L	NBR / MVQ	Bernardin - Don Roque - Fiat - M. Benz
5280	68.00	90.00	10.00	Lx	L	NBR / MVQ	Valmet - Pegaso
5281	70.00	90.00	10.00	Lz	L	NBR / MVQ	Bernardin - Erca - Gema - Volkswagen - Fiat - M. Benz
5282	70.00	90.00	10.00	Lx	L	NBR/MVQ/FPM	Aumec - Scania Vabis - Renault
5284	70.00	90.00	14.00	Lx	L	NBR / MVQ	Erca - Scania Vabis - Fiat
5285	75.00	90.00	8.00	Lx	L	NBR/ACM/FPM	Don Roque - Mainero - Lanz - Scania - Lamopi
5287	25.00	50.00	10.00	Lx	L	NBR / MVQ	M. Benz
5288	25.00	50.00	12.00	Lz	L	NBR	Henschel
5289	30.00	50.00	10.00	Lz	L	NBR	Fiat - Steyr - Grosspal
5290	30.00	50.00	10.00	Lx	L	NBR/MVQ/ACM/FPM	Don Roque - Vasalli - Citroën - Grosspal
5291	32.00	50.00	6.00	Lx	L	NBR / MVQ	Siam - Moto Furgón
5292	32.00	50.00	8.00	Lx	L	NBR/MVQ/FPM	Fiat - Renault
5293	32.00	50.00	10.00	Lz	L	NBR	Fiat - Isetta
5294	32.00	50.00	10.00	Lx	L	NBR / MVQ	Renault - Citroën
5295	33.00	50.00	12.00	Lx	L	NBR / FPM	Don Roque - Ford - Opel
5296	35.00	50.00	10.00	Lx	L	NBR / MVQ	Don Roque - Vasalli - Lanz - Porsche
5297	38.00	50.00	7.00	Lx	L	NBR / MVQ	Don Roque - Gema - M. Benz - Scania - Motos
5298	38.10	50.36	9.90	Lz	L	NBR	John Deere
5299	38.00	62.00	10.00	Lx	L	NBR	Isard - MB
5300	40.00	62.00	11.50	Lz	L	NBR / MVQ	VW-Fusca-Brasilia-Variant mod. 50 a 74 - Rueda Del.
5301	40.00	62.00	13.00	Lz	L	NBR / MVQ	Deutz-M. Benz-Rastrojero
5302	44.19	62.19	10.00	Lz	L	NBR	Línea I.K.A.
5303	40.00	62.00	13.00	Lx	L	NBR/MVQ/FPM	Apache - Gema - Borgward - Fiat - M. Benz - Rastrojero
5304	44.00	62.30	12.00	Lz	L	NBR / FPM	Fiat
5305	45.00	62.00	8.00	Lx	L	NBR / MVQ	Implementos - Citroën
5306	47.00	62.00	8.00	Lz	L	NBR	D.K.W.
5307	48.00	62.00	9.00	Lx	L	NBR/MVQ/FPM	Scania Vabis
5308	22.00	29.00	7.00	Lt	L	NBR	Aumec
5310	20.00	42.00	7.00	Lz	L	NBR/MVQ/FPM	Fiat

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5311	20.00	42.00	10.00	Lx	L	NBR/MVQ/FPM	M. Benz - Citroën
5312	25.00	42.00	6.00	Lx	L	NBR/MVQ/ACM	Siambretta
5313	25.00	42.00	8.00	Lz	L	NBR / MVQ	Pegaso
5314	25.00	42.00	10.00	Lx	L	NBR	Motos - M. Benz
5315	28.00	42.00	10.00	Lx	L	NBR	Vespa
5316	30.00	42.00	7.00	Lx	L	NBR / MVQ	Moto - Renault - Citroën
5317	30.00	42.00	8.00	Lx	L	NBR/MVQ/ACM/FPM	Citroën - Renault
5319	12.00	32.00	7.00	Lx	L	NBR	Bessone - N.S.U.
5320	12.70	31.95	9.52	Lz	L	NBR	Industrial
5321	17.00	32.00	9.00	Lx	L	NBR / MVQ	Motos
5322	20.00	32.00	8.00	Lx	L	NBR / MVQ	Motos
5323	22.00	32.00	7.80	Lx	L	NBR/MVQ/FPM	Borgward - Rastrojero
5324	22.22	31.85	4.76	Lz	L	NBR	N.S.U.
5326	125.00	150.00	13.00	Lz	L	NBR/MVQ/FPM	Aumec - Gema - M. Benz
5327	30.16	50.80	11.11	Lx	L	NBR	Gema - International
5328	32.54	50.80	11.11	Lz	L	NBR	Case
5329	25.40	50.80	10.00	Lz	L	NBR	Industrial
5330	20.00	52.00	10.00	Lx	L	NBR / MVQ	Industrial
5333	32.00	56.00	10.00	Lx	L	NBR	Marani - Fiat
5334	32.00	56.00	12.00	Lz	L	NBR	Hanomag
5335	35.00	56.00	10.00	Lx	L	NBR	Deutz - Pegaso
5336	35.00	56.00	12.00	Lx	L	NBR	Bernardin - Isard
5337	36.00	56.00	10.00	Lx	L	NBR	Fiat - Isetta
5338	38.00	56.00	10.00	Lx	L	NBR	Berliet - Pegaso
5339	40.00	56.00	8.00	Lx	L	NBR / ACM	Fiat - M.A.N.
5340	40.00	56.00	12.00	Lz	L	NBR	Scania Vabis
5341	43.00	56.00	6.00	Lz	L	NBR	Opel
5345	46.43	69.78	12.30	Lx	L	NBR	Renault
5346	47.63	69.88	12.70	Lz	L	NBR/MVQ/FPM	Caterpillar - General Motors
5347	49.20	69.88	9.52	Lx	L	NBR	Implementos - Siam Di Tella
5348	50.80	69.88	9.52	Lx	L	NBR / MVQ	Fhar - Bedford - Dodge - Renault
5349	50.80	69.88	12.70	Lz	L	NBR	Bedford
5350	55.00	70.00	8.00	Lz	L	NBR / MVQ	Erca - Hanomag - Mainero
5353	52.00	75.00	12.00	Lx	L	NBR	Peugeot
5354	55.00	75.00	12.00	Lz	L	NBR / MVQ	Fahr
5355	58.00	75.00	12.00	Lz	L	NBR/MVQ/ACM/FPM	M. Benz
5356	60.00	75.00	8.00	Lz	L	NBR/MVQ/FPM	Bernardin - Erca - Valmet - Borgward-M. Benz
5357	50.00	75.18	6.35	Lt	L	NBR	Buick
5358	60.00	78.00	10.00	Lz	L	NBR	Saurer
5360	47.00	80.00	6.35	Lt	L	NBR	Rina Acoplado
5361	52.40	81.00	11.00	Lz	L	NBR	I.K.A.
5362	54.00	81.00	11.90	Lx	L	NBR/MVQ/FPM	Ce Le - Cummins
5363	55.00	82.00	12.00	Lz	L	NBR	Implementos
5364	55.56	82.58	12.70	Lz	L	NBR / MVQ	Fiat
5365	60.00	82.00	8.00	Lx	L	NBR / MVQ	Agrometal - Hino - Grosspal
5366	63.50	82.58	9.52	Lx	L	NBR	Marani - Perkins
5367	45.00	80.00	13.00	Lx	L	NBR	Bernardin - Cerruti - Giaroli - Hanomag - Templar - Zetor
5370	55.00	85.00	25.00	A 020	L	NBR	Fiat
5371	58.00	85.00	10.00	Lx	L	NBR	Cerruti - Gema - Fiat - Mainero
5372	64.00	85.00	16.00	Lz	L	NBR	Fiat Someca
5373	64.00	85.00	16.00	Lx	L	NBR	Fiat Someca
5374	65.00	85.00	12.00	Lz	L	NBR / MVQ	Don Roque - Fiat - Hanomag
5375	66.68	85.09	7.93	Lz	L	NBR	John Deere
5376	66.68	85.00	10.00	Lx	L	NBR / FPM	Vasalli - Zanella - General Motors
5381	70.00	105.00	13.00	Lz	L	NBR / MVQ	Borgward
5382	76.00	105.00	12.00	Lz	L	NBR / MVQ	Fiat
5383	76.20	104.78	14.28	Lz	L	NBR	Fiat - Scania
5384	79.38	104.78	14.28	Lx	L	NBR	Cocshutt - Cummins
5385	85.00	105.00	13.00	Lx	L	NBR/ACM/MVQ	Pegaso
5390	80.00	110.00	13.00	Lz	L	NBR	Bernardin - Gema - Zetor - Fiat 619 - 643
5391	84.00	110.00	16.00	Lx	L	NBR / MVQ	Fiat Someca
5392	84.00	110.00	16.00	Lz	L	NBR	Fiat Someca
5393	88.00	110.00	13.00	Lz	L	NBR	Hanomag
5394	85.00	110.00	13.00	Lx	L	NBR/MVQ/FPM	Fahr- New Holland
5395	90.00	110.00	13.00	Lx	L	NBR / FPM	Deutz - Fiat

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5400	19.00	41.24	6.35	Lx	L	NBR	Carabella - Rambler
5401	22.22	41.25	11.11	Lz	L	NBR	Morris
5402	25.00	41.17	9.52	Lx	L	NBR / MVQ	Case - Ford
5403	27.00	41.00	10.00	Lx	L	NBR	Marani - D.K.W.
5405	25.40	44.50	11.11	Lz	L	NBR / FPM	Bedford - General Motors
5406	27.00	44.40	9.52	Lz	L	NBR	Siam - Di Tella
5407	27.00	44.40	9.52	Lx	L	NBR / MVQ	Siam - Di Tella
5408	28.60	44.40	11.11	Lz	L	NBR	Hubber Warco - Siambretta
5409	31.75	44.50	9.52	Lx	L	NBR/DUREZA 85	General Motors
5410	32.00	44.00	7.00	Lx	L	NBR / MVQ	General Motors
5412	25.40	46.43	11.11	Lz	L	NBR	General Motors
5413	29.00	46.46	11.50	Lx	L	NBR	Apache - Gema - Vasalli
5414	29.84	46.46	9.52	Lz	L	NBR / MVQ	Saurer
5415	31.75	46.46	9.92	Lx	L	NBR / FPM	Ariel - B.S.A.
5416	33.33	46.46	9.52	Lz	L	NBR	Implementos - General Motors
5417	34.93	46.46	7.93	Lz	L	NBR / MVQ	Dodge - Ford
5418	34.93	46.48	4.76	Lt	L	NBR	Ford
5419	34.93	46.60	7.54	Lx	L	NBR	Dodge - Ford
5420	20.00	47.00	7.00	Lx	L	NBR / MVQ	Fabimag - Vasalli
5421	20.00	47.00	10.00	Lx	L	NBR	Deutz
5422	28.00	47.00	7.00	Lz	L	NBR	Apache - Erca - Fabimag - Fiat - Gilera
5423	30.00	47.00	5.00	Lx	L	NBR/MVQ/FPM	Fiat
5424	31.00	47.00	7.00	Lz	L	NBR / FPM	Siam - Moto - Furgón
5425	32.00	47.00	7.00	Lx	L	NBR	Siam- Pegaso
5426	32.00	47.00	10.00	Lx	L	NBR	Pegaso
5427	35.00	47.00	7.00	Lx	L	NBR/MVQ/ACM	Deutz - Marani - Vasalli - Ducatti - N.S.U.
5430	7.93	25.37	9.52	Lz	L	NBR	Caterpillar
5431	11.11	25.37	9.52	Lz	L	NBR	Massey Ferguson
5432	12.70	25.37	6.35	Lx	L	NBR	Hanomag
5433	12.70	25.37	9.52	Lz	L	NBR	Cockshiutt - International - Prati
5434	15.00	25.00	6.00	Lz	L	NBR / MVQ	Puma
5435	16.00	25.00	6.00	Lx	L	NBR / FPM	Sachs
5436	19.00	25.37	3.16	Lt	L	NBR	International - IKA
5440	127.00	152.40	14.28	Lz	L	NBR	Leyland
5442	150.00	180.00	13.00	Lx	L	NBR / MVQ	MB - M.A.N.
5443	12.70	28.55	9.52	Lz	L	NBR	G.M.C.
5444	15.87	28.55	9.52	Lx	L	NBR / FPM	Bomba Hidraulica - Case - I.K.A
5445	17.50	28.50	7.00	Lx	L	NBR / MVQ	Massey Ferguson
5446	19.00	26.19	10.40	A 239	L	NBR	Valiant - Dodge
5450	75.00	95.00	13.00	Kz	L	NBR	M. Benz
5451	72.00	95.00	13.00	Lx	L	NBR	Citröen
5452	70.00	95.00	13.00	Lz	L	NBR	Fahr - Deutz
5453	60.00	95.00	13.00	Lx	L	NBR	Apache
5454	69.85	92.03	14.28	Lz	L	NBR	International
5455	66.68	92.03	11.90	Lz	L	NBR	Jhon Deere - G.M. - Dodge - Ford
5456	43.80	92.03	12.70	Lz	L	NBR	General Motors - Ford
5457	65.00	90.00	13.00	Kx	L	NBR	Zetor - Fahr-Deutz-M. Benz
5458	68.00	90.00	13.00	Lz	L	NBR	M. Benz
5459	70.00	90.00	13.00	Lz	L	NBR	Dodge - Fahr
5460	60.00	90.00	13.00	Lx	L	NBR	Marani - Templar - Saurer
5461	53.50	90.00	13.00	Lz	L	NBR	Don Roque - Fiat - Volvo
5462	68.00	90.00	13.00	Lx	L	NBR/MVQ/ACM	M. Benz - Pegaso
5463	110.00	140.00	13.00	Kx	L	NBR/MVQ/ACM/FPM	M. Benz
5464	95.00	130.00	12.00	Kx	L	NBR	Austin - Fiat - M. Benz - Bedford
5465	93.64	130.15	12.70	Lz	L	NBR	Bedford
5466	88.90	130.15	12.70	Lx	L	NBR	Bedford - Leyland
5467	95.00	125.00	13.00	Kz	L	NBR	Deutz - M. Benz
5468	100.00	125.00	13.00	Lz	L	NBR	Valmet - Bussing
5469	92.08	125.00	12.70	Lz	L	NBR	Austin
5470	87.31	120.77	13.00	Kx	L	NBR	Ford - G.M.C. - Dodge
5471	88.90	120.62	14.28	Lz	L	NBR	International
5472	92.08	120.62	14.28	Lz	L	NBR	G.M.C.
5473	98.40	120.62	14.28	Lz	L	NBR	Adams - Grader
5474	88.00	120.00	13.00	Lz	L	NBR	Deutz
5475	52.00	72.00	12.00	Mx	L	NBR/MVQ/ACM	M. Benz

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5476	45.00	72.00	12.00	Mz	L	NBR	Apache - Deutz - Hanomag - Garro Fabril
5477	101.60	126.95	7.93	Mz	L	NBR / MVQ	John Deere
5478	101.60	126.95	12.70	Lx	L	NBR / MVQ	Caterpillar - John Deere
5479	148.00	170.00	15.00	Lx	L	NBR / MVQ	Helvética
5480	97.00	170.00	15.00	Lz	L	NBR	Romapar
5481	140.00	170.00	13.00	Lx	L	NBR	Vasalli - M. Benz - Montenegro
5482	148.00	170.00	15.00	Lz	L	NBR	Otto Deutz - Helvetica
5484	19.00	33.22	9.50	Lx	L	NBR	General Motors - Rambler
5485	25.00	36.00	7.00	Lx	L	NBR / MVQ	Garro Fabril - Ford - Renault - Volkswagen
5486	36.00	54.00	7.50	Lz	L	NBR	Bernardin - Renault - M. Benz
5487	39.69	58.98	9.75	Lx	L	NBR	Siam - Di Tella
5488	42.00	60.00	10.00	Lx	L	NBR/MVQ/ACM	Bernardin - Don Roque - Vasalli - Peugeot
5489	49.20	63.55	7.14	Lx	L	NBR / MVQ	Bernardin - Ford
5490	38.10	63.55	9.52	Lz	L	NBR	Siam - Di Tella
5491	45.00	66.00	6.00	Lx	L	NBR	Cerrutti - D.K.W.
5492	43.80	69.30	12.70	Lz	L	NBR	Mack - Rastrojero
5493	43.80	69.30	12.70	Lx	L	NBR	Rastrojero
5494	56.00	76.40	12.70	Lz	L	NBR	Rastrojero
5495	56.00	76.40	12.70	Lx	L	NBR	Marani - Rastrojero
5496	25.40	36.53	4.82	Lz	L	NBR	Apache - Fabimag - Ford
5497	12.70	28.55	6.35	Mz	L	NBR	John Deere - Dodge - Fargo
5498	16.00	28.00	7.00	Lx	L	NBR	D.K.W. - N.S.U. - MB
5499	17.00	28.00	7.0/11.0	A 239	L	NBR	Fiat
5501	17.10	28.55	6.35	Mt	L	NBR	Tractor Fiat
5502	19.00	28.58	6.74	Mt	L	NBR	General Motors
5503	19.00	28.67	4.76	A 186	L	NBR	Fiat
5504	29.37	42.82	11.11	Mz	L	NBR	New Holland - Dodge - Valiant
5505	30.10	42.86	6.35	Mz	L	NBR	Mercury - Fuera Borda
5506	31.40	42.85	7.93	Mx	L	NBR	Dodge - Fargo - Ford
5507	31.75	42.87	4.76	Mz	L	NBR	Alcal - Dodge - Ford - Mercury
5508	28.00	47.00	8.00	Mz	L	NBR	Marani - Fiat
5509	34.00	47.00	9.0/10.0	Mx	L	NBR	N.S.U.
5510	35.00	47.00	7.00	Mz	L	NBR	Alcal - Fiat - M. Benz
5511	30.00	47.00	10.0/12.0	Mx	L	NBR	De Carlo
5512	25.00	47.00	8.00	Mx	L	NBR / MVQ	Fabimag - Sembrar - Fiat
5513	30.00	47.00	8.00	Mx	L	NBR / MVQ	Garro Fabril - Fiat
5514	38.10	50.52	6.35	Mt	L	NBR	Valiant - Bedford
5515	38.10	50.52	6.35	Ms	L	NBR	Valiant
5516	38.10	50.52	6.35	Mx	L	NBR	Valiant - Lamopi
5517	32.30	51.40	9.92	Mz	L	NBR	Fiat
5518	29.77	51.59	9.52	Mz	L	NBR	Ford
5519	31.75	52.37	12.70	Mz	L	NBR	Caterpillar - Ford - G.M.C.
5520	34.93	52.37	11.11	Mz	L	NBR	Lezcano - Austin - Standard
5521	35.00	52.37	11.11	Mz	L	NBR	Migra - Sembrar - Ford - Rambler - Caterpillar
5522	36.91	52.37	4.36	Mt	L	NBR	General Motors
5523	32.00	52.00	9.00	Mr	L	NBR	Isard
5524	34.00	52.00	8.00	Mz	L	NBR	De Carlo
5525	38.00	52.00	10.00	Mz	L	NBR	M. Benz - Fiat 600
5526	39.69	52.37	6.35	Mt	L	NBR	Ford
5527	36.00	54.00	7.00	Mz	L	NBR / MVQ	M. Benz - Renault
5528	38.00	54.00	10.00	Mz	L	NBR	Fiat - M. Benz
5529	31.75	57.15	9.52	Mz	L	NBR	Aclo
5530	31.75	57.15	12.70	Mz	L	NBR	General Motors
5531	33.33	57.00	6.35	Mt	L	NBR	IKA
5532	33.33	57.15	12.70	Mz	L	NBR	Di Tella - Ford - Dodge - GM
5533	35.53	58.21	13.20	Mx	L	NBR	General Motors
5534	45.00	59.00	10.00	Mz	L	NBR	Fiat
5535	44.00	59.33	6.35	Mt	L	NBR	De Soto - Dodge
5536	38.10	60.30	12.70	Mx	L	NBR	Ford - Dodge
5537	41.28	60.30	9.52	Mz	L	NBR	John Deere
5538	41.28	60.40	11.10	Mx	L	NBR	Winco
5539	44.45	60.30	11.11	Mz	L	NBR / MVQ	Ford
5540	45.00	61.00	10.00	Mz	L	NBR	Fiat
5541	47.63	61.02	6.35	Mt	L	NBR	General Motors
5542	36.51	61.90	7.50	Mz	L	NBR	Dodge - Fargo

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5544	39.62	61.98	12.70	Mx	L	NBR	Valiant
5545	88.00	120.62	13.00	Lz	L	NBR	Massey Ferguson - Ford
5546	41.00	65.45	13.00	Mx	L	NBR	General Motors
5547	38.81	66.62	6.35	Mt	L	NBR	Buick
5548	49.50	66.60	6.35	Mt	L	NBR / MVQ	Ford
5549	35.80	68.00	10.00	Mx	L	NBR / MVQ	Fiat
5550	35.80	68.00	12.00	Mz	L	NBR	Maraco - Fiat
5551	49.20	68.22	12.70	Lz	L	NBR	Ford - International
5552	53.00	68.00	10.00	Mx	L	NBR	Citröen
5553	40.00	65.00	12.00	Lx	L	NBR	Erca - Fahr - Valmet
5554	47.63	65.05	11.90	Lx	L	NBR	Ford - IKA
5555	45.00	65.00	12.00	Lz	L	NBR	Deutz - Hanomag - M.A.N.
5556	17.00	35.00	7.00	Lz	L	NBR/MVQ/FPM	M. Benz
5557	42.00	56.00	7.00	Lz	L	NBR / MVQ	Fiat - M. Benz
5558	44.45	85.63	15.87	Lx	L	NBR	International
5559	79.38	115.85	30.16	A 089	L	NBR	General Motors - Ford
5560	66.68	112.70	11.11	Kz	L	NBR	International - La Atómica
5561	28.00	40.00	7.00	Lz	L	NBR / FPM	MB - Toyota - Volkswagen
5562	36.00	48.00	10.00	Mx	L	NBR	Maizco Cosechadora - Fiat
5563	36.00	48.00	10.00	Lz	L	NBR	Fiat
5564	100.00	130.00	12.00	Lz	L	NBR/MVQ/FPM	Tractor Fiat
5565	89.00	115.50	9.50	Lz	L	NBR	B.M.C.
5566	101.60	126.95	12.70	Mx	L	NBR	John Deere
5567	105.00	130.00	13.00	Lz	L	NBR	Borgward-Deutz - Hanomag
5568	105.00	130.00	13.0/15.0	Lx	L	NBR / MVQ	Deutz Fahr - Hanomag
5569	105.00	130.00	15.00	Lz	L	NBR	Fahr
5570	110.00	130.00	13.00	Lx	L	NBR / MVQ	Vasalli - Ford - Deutz
5573	90.00	115.00	13.00	Lz	L	NBR	Fahr - Deutz
5574	90.00	115.00	9.00	Lz	L	NBR	Daf
5580	50.80	65.10	14.35	A 177	L	NBR	General Motors
5581	50.80	65.10	11.90	A 159	L	NBR	General Motors
5582	50.00	65.00	8.00	Mz	L	NBR	Deutz
5583	42.00	65.00	12.00	Mz	L	NBR	Magirus Deutz
5585	40.00	60.00	7.00	Mz	L	NBR	Deutz
5586	45.00	60.00	8.00	Mz	L	NBR	Fahr - Gema - Yomel - M. Benz
5588	45.00	60.00	10.00	Lx	L	NBR / ACM	GM - M. Benz - Peugeot
5589	42.86	63.55	12.70	Mz	L	NBR	John Deere - Ford
5590	44.45	63.55	7.93	Mz	L	NBR	Land Rover - Morris
5591	49.20	63.55	9.52	Mz	L	NBR	Land Rover
5592	50.80	63.55	6.35	Mz	L	NBR	John Deere - Vasalli
5593	34.93	63.55	6.35	Mt	L	NBR	Studebaker
5594	38.10	63.55	7.90	Mz	L	NBR	Ford - Morris
5595	31.75	53.97	7.90	Mz	L	NBR	Ford
5596	38.10	53.97	11.11	Mz	L	NBR	G.M. - M. Benz
5597	40.48	53.97	7.93	Mz	L	NBR	Gema - John Deere
5598	44.45	53.97	4.84	Mz	L	NBR	Case
5599	42.00	55.00	7.00	Mx	L	NBR	Bernardin - Borgward - Toyota
5600	30.10	47.62	6.35	Mz	L	NBR	Mercury - Fuera de Borda
5601	38.10	47.62	4.76	Mt	L	NBR	Case
5602	38.10	47.63	6.35	Mz	L	NBR	New Holand - Bedford - Dodge - Fargo - G.M. - MB
5603	38.00	50.00	10.0/16.0	A 204	L	NBR	M. Benz
5604	28.60	50.80	11.11	Mz	L	NBR	John Deere - Case - Leyland
5605	30.10	50.80	13.10	Mx	L	NBR	Winco
5606	38.10	50.40	10.31	Mt	L	NBR	Volvo
5607	38.10	50.80	6.35	Mz	L	NBR	Bedford
5608	20.00	33.00	10.00	Lr	L	NBR	Borgward - Lancia
5609	23.80	34.92	6.35	Ms	L	NBR	International
5610	27.00	34.92	5.15	Mt	L	NBR	Brigs Stratton
5611	15.00	35.00	5.00	Mt	L	NBR	Industrial
5612	20.00	35.00	6.00	Mz	L	NBR	Leyland - Scania
5613	22.00	35.00	10.00	Mz	L	NBR	Case - Ford
5614	22.22	36.40	6.35	Mt	L	NBR	John Deere - Pierobon
5615	28.60	36.40	5.15	Mt	L	NBR / MVQ	General Motors - Dodge
5616	28.60	36.40	7.14	Mt	L	NBR	General Motors
5617	23.00	36.50	6.30	Mz	L	NBR	Winco

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5618	25.40	36.50	6.35	Lx	L	NBR	Caterpillar - Cockshutt
5619	25.00	37.00	7.00	Mz	L	NBR	Isetta - N.S.U.
5620	25.40	38.07	12.70	Mr	L	NBR	John Deere
5621	27.00	38.07	7.93	Mz	L	NBR	Ford - Mercury
5623	25.40	39.65	6.35	Mt	L	NBR	John Deere
5624	28.50	39.65	6.35	Mt	L	NBR	IKA - Ford - Bergantín
5625	25.40	39.90	6.35	Mt	L	NBR	John Deere
5626	19.00	40.00	5.00	Mt	L	NBR	Industrial
5627	20.00	40.00	8.00	Mr	L	NBR	Volvo
5628	22.22	39.90	6.35	Mt	L	NBR	John Deere
5629	28.50	41.30	7.93	Mz	L	NBR	Ford - Bedford
5631	28.00	43.00	10.00	Mz	L	NBR	Fiat
5632	31.75	43.40	6.35	Mz	L	NBR	General Motors
5633	29.00	45.00	10.00	Mz	L	NBR	Bertini - Fiat
5634	30.00	45.00	8.00	Mz	L	NBR / MVQ	Fiat
5635	34.85	46.43	11.11	Mx	L	NBR	Ford
5636	40.00	56.00	10.00	Mz	L	NBR	Isard
5637	40.00	56.00	10.00	Mr	L	NBR	Borgward - M.A.N.
5638	34.93	57.96	6.35	Mt	L	NBR	Studebaker - Willys - IKA
5639	38.10	57.94	12.0/14.0	A 006	L	NBR	Ford
5640	45.80	66.57	12.70	Mr	L	NBR	Vauxhall
5641	50.00	66.00	10.00	Mz	L	NBR	Cerruti - M. Benz
5642	42.40	66.90	12.80	Mx	L	NBR	Cummins
5643	50.00	68.00	14.00	Mz	L	NBR	M. Benz
5646	41.28	70.20	6.35	Lt	L	NBR	John Deere
5647	52.40	73.02	9.52	Mz	L	NBR	Austin - Di Tella
5648	41.28	75.84	6.35	Mz	L	NBR	Willys
5649	57.15	76.12	15.87	Mx	L	NBR	Volvo
5650	62.00	80.00	13.00	Mz	L	NBR	M.A.N.
5651	63.50	82.58	12.70	Mx	L	NBR	Perkins
5652	58.74	85.09	7.93	Mz	L	NBR	Land Rover
5653	65.00	85.00	12.00	Mz	L	NBR	Fiat Tractor
5654	70.00	85.00	8.00	Mz	L	NBR/MVQ/FPM	Bernardin - Erca - Borgward - IKA - Scania
5655	66.68	88.45	12.70	Mz	L	NBR	Carterpillar
5656	63.50	88.90	12.70	Mx	L	NBR	New Holland - Volvo
5657	70.00	89.00	12.50	Mx	L	NBR	Pierobon - Volvo
5659	70.00	90.00	10.00	Mz	L	NBR	Isard
5660	75.00	90.00	13.00	Mz	L	NBR	M. Benz
5661	72.00	95.00	13.00	Mx	L	NBR	Deutz
5662	76.20	95.28	12.70	Mz	L	NBR	International
5663	88.90	111.12	14.00	Lx	L	NBR	Carterpillar - Astivia
5664	82.55	113.00	12.70	Lz	L	NBR	General Motors
5666	100.00	115.00	9.00	Lz	L	NBR	Fiat
5667	90.25	120.65	15.87	Lx	L	NBR	Leyland
5668	100.00	125.00	13.00	Lx	L	NBR	Deutz - M.A.N.
5669	18.00	31.75	3.57	Mt	L	NBR	Briggs Stratton
5670	19.00	31.75	7.90	Mx	L	NBR	Mercury - Fuera de Borda
5671	25.40	31.75	3.20	Mt	L	NBR	Case
5672	25.00	32.00	4.00	Mt	L	NBR	Deutz - Valmet
5673	25.00	32.00	10.00	Mt	L	NBR	Deutz
5675	25.40	46.43	15.87	Lx	L	NBR	Máquinas Viales
5677	34.93	46.43	9.52	Lz	L	NBR	John Deere
5678	28.60	52.37	11.11	Mz	L	NBR	Gema - Marani - Allis Chalmers - Caterpillar
5679	30.10	52.28	11.50	Mz	L	NBR	Gema - Dodge
5680	31.75	52.37	6.35	Mt	L	NBR	G.M. - Hudson
5681	35.00	52.00	8.80	Mz	L	NBR / MVQ	Don Roque - Apache - Sembrar - Fiat
5682	29.37	53.49	11.90	Lz	L	NBR	International
5683	34.92	53.49	15.87	Lx	L	NBR	John Deere
5685	31.00	53.97	19.05	Mr	L	NBR	International
5686	31.75	53.97	11.11	Mz	L	NBR	G.M.
5687	38.10	61.16	13.49	Lz	L	NBR	John Deere
5688	47.63	68.22	12.70	Lz	L	NBR	Hudson
5689	34.93	63.55	12.70	Lz	L	NBR	Case - Ford
5690	34.93	63.55	12.70	Mx	L	NBR	Apache - Morris
5691	38.10	63.55	12.70	Mz	L	NBR	New Holand - Dodge - Ford - G.M. - Rastrojero

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional
Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5692	38.10	63.55	16.66	Mx	L	NBR	Cadillac
5694	44.45	63.55	12.70	Mz	L	NBR	Fargo - Leyland
5695	34.93	68.22	6.35	Lt	L	NBR	De Soto - Dodge
5696	36.51	68.22	12.70	Lz	L	NBR	Dodge - Fargo - Ford
5697	38.10	68.22	12.70	Lz	L	NBR	Dodge - De Soto
5698	39.69	68.22	9.52	Lz	L	NBR	Bernardin - Chrysler - Dodge - Ford
5699	39.69	68.25	12.70	Lz	L	NBR	Chrysler - Morris
5700	42.86	68.22	12.70	Lz	L	NBR	Dodge
5701	44.45	68.22	12.70	Lz	L	NBR	Caterpillar - Dodge - Fiat
5704	50.00	80.00	13.00	Lz	L	NBR	Apache - Bernardin - Saurer
5705	50.80	79.96	11.11	Lz	L	NBR	Morris
5706	55.00	80.00	13.00	Lx	L	NBR	Gema - Valmet - Deutz - M. Benz
5707	58.00	80.00	10.0/12.0	A 135	L	NBR	Rumifer - Deutz
5708	58.00	80.00	13.00	Lz	L	NBR	Hanomag
5709	44.45	81.00	11.90	Lx	L	NBR	Ardanaz - Vasalli - Caterpillar
5710	50.80	81.00	11.90	Lx	L	NBR	International
5711	50.80	81.00	17.85	A 039	L	NBR	Morris
5712	55.56	81.00	11.90	Lz	L	NBR	De Soto - Dodge
5713	55.56	81.00	17.46	A 009	L	NBR	De Soto - Dodge
5714	55.56	81.00	19.05	A 020	L	NBR	Chrysler - Dodge
5715	57.15	81.00	11.11	Lz	L	NBR	Aumec - Ford - Dodge
5716	57.15	81.00	17.75	Lx	L	NBR	Dodge - Fargo - Ford
5717	41.28	82.58	12.70	Lz	L	NBR	G.M.C.
5718	55.56	82.60	19.05	Lx	L	NBR	Fargo - International
5719	57.15	82.58	12.70	Lz	L	NBR	Dodge - Fargo
5720	57.15	82.58	17.45	Lx	L	NBR	Dodge - Fargo
5721	58.74	82.58	12.70	Lz	L	NBR	International
5722	60.33	82.58	12.70	Lz	L	NBR	G.M.C. - Isard
5723	50.80	90.00	12.70	Lz	L	NBR	Industrial
5724	60.00	90.00	10.00	Lz	L	NBR	Implementos - De Carlo
5725	63.50	90.00	11.90	Lz	L	NBR	Marani - Bedford
5726	50.80	92.00	12.70	Lz	L	NBR	Marani - Commer
5727	57.15	92.03	17.85	Lx	L	NBR	Apache - Erca - General Motors
5728	60.33	92.03	17.85	Lx	L	NBR	Dodge - Fargo
5729	66.68	92.03	19.05	Kx	L	NBR	Deutz - Dodge - Ford - Eaton - Bedford - G.M. - MB
5730	63.50	95.28	12.70	Lz	L	NBR	Massey Harris
5731	65.00	95.00	16.00	Lz	L	NBR	Fiat
5732	65.00	95.28	12.70	Lz	L	NBR	Mack
5733	69.85	95.28	12.70	Lz	L	NBR	International
5734	69.85	95.50	19.05	Kx	L	NBR	Cockshutt - Maraco - Dodge - Fargo
5735	74.60	107.93	19.05	Lx	L	NBR	Mack
5736	79.38	107.93	14.28	Lz	L	NBR	G.M.C.
5737	79.38	107.93	19.05	Lx	L	NBR	G.M.C.
5738	82.55	107.93	14.28	Lz	L	NBR	Massey Ferguson - Le Torneau
5739	87.31	107.93	15.87	Lz	L	NBR	M. Benz - Someca
5740	88.90	107.88	15.87	Lx	L	NBR	International
5741	69.85	111.02	19.05	Kx	L	NBR	Agrometal - Maraco
5742	77.80	111.02	14.28	Lz	L	NBR	Industrial
5743	82.55	111.15	14.28	Lz	L	NBR	Massey Harris
5744	85.73	111.15	14.28	Lz	L	NBR	International
5745	85.73	111.15	15.87	Lx	L	NBR	International
5746	85.73	111.16	19.84	Lx	L	NBR	Industrial
5748	98.40	130.17	15.87	Lz	L	NBR	Dodge - Fargo
5749	101.60	130.17	14.28	Lz	L	NBR	Mack - Volvo
5750	101.60	142.87	12.70	Lz	L	NBR	G.M.C. - Hércules
5751	108.00	142.88	12.70	Lz	L	NBR	Bedford
5752	44.45	63.55	12.70	Mx	L	NBR	Caterpillar - General Motors
5753	47.63	63.52	11.11	Mz	L	NBR	John Deere
5754	47.63	63.52	12.70	Mz	L	NBR	Austin
5755	12.70	31.75	9.52	Lx	L	NBR	John Deere
5756	19.00	31.75	9.52	Mz	L	NBR	John Deere
5757	19.00	31.73	9.52	Mz	L	NBR	Bomba PT
5758	15.00	35.00	7.50	Mz	L	NBR	Tractor Fiat - Zanella
5759	22.22	38.05	8.00	Mz	L	NBR	Mercury - Fuera de Borda
5760	25.00	38.05	8.00	Mz	L	NBR	Mercury - Fuera de Borda

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5761	34.13	47.60	11.11	Mz	L	NBR	Chrysler - Dodge - Ford
5762	38.10	50.36	11.90	Mz	L	NBR	John Deere
5763	31.75	50.36	12.70	Mz	L	NBR	New Holand - Ford
5764	30.16	50.70	6.35	Mt	L	NBR	Willys
5765	31.75	50.65	6.35	Mt	L	NBR	Jeep IKA
5766	33.33	50.80	11.90	Mz	L	NBR	Standard
5767	34.93	50.75	12.70	Mz	L	NBR	Austin - Suger
5769	34.93	50.80	7.93	Mx	L	NBR	Gema - Vasalli
5770	30.10	51.40	11.90	Mz	L	NBR	Industrial
5771	32.54	51.41	9.92	Mz	L	NBR	General Motors
5772	33.33	51.20	14.00	Mz	L	NBR	Bendix
5773	37.70	55.00	8.00	Mz	L	NBR	Bernardin - Dodge - General Motors - Ford
5774	33.00	56.00	12.00	Mz	L	NBR	Hanomag - Opel
5775	35.00	56.00	12.00	Mz	L	NBR	Deutz-M. Benz-Opel
5776	42.86	70.20	6.35	Lt	L	NBR	John Deere
5777	34.93	57.15	11.90	Mz	L	NBR	G.M.-Massey Ferguson
5778	38.10	57.15	12.70	Mz	L	NBR	Leyland
5779	31.75	57.96	6.35	Mt	L	NBR	Studebaker
5780	33.33	57.96	6.35	Mt	L	NBR	General Motors - Dodge
5781	33.33	60.27	12.30	Mz	L	NBR	De Soto - Dodge
5782	38.10	60.30	12.70	Mz	L	NBR	Ryca - Dodge
5783	41.28	60.30	11.11	Mz	L	NBR	Studebaker
5784	30.10	61.90	11.90	Mz	L	NBR	Gema - Massey - Harris
5785	34.93	62.03	12.70	Mx	L	NBR	Maizco - Wolseley
5786	35.00	62.00	12.00	Lz	L	NBR	Bernardin - M.A.N. - Puch
5787	38.00	62.00	12.00	Mz	L	NBR	John Deere - Deutz - Ford
5788	41.28	61.90	11.90	Mz	L	NBR	Ryca - Dodge - Fiat - Ford
5789	42.00	62.00	12.00	Mz	L	NBR	Fahr - Deutz
5790	44.00	62.00	12.00	Mz	L	NBR	Marani - Zanella - Fiat
5791	44.45	61.90	6.35	Mt	L	NBR	Willys
5792	44.45	61.95	9.52	Mz	L	NBR	John Deere - Case - Rastrojero - Willys
5793	39.69	66.62	12.70	Mz	L	NBR	Allis Chalmers
5794	41.28	66.62	12.70	Mz	L	NBR	Caterpillar - International
5795	44.95	66.62	12.70	Mz	L	NBR	John Deere - Case - Hubber Warco - International
5796	47.63	66.62	12.70	Mz	L	NBR	Oldsmobile
5797	38.10	69.85	11.90	Mz	L	NBR	Dodge
5798	42.86	69.88	12.70	Mz	L	NBR	Massey Ferguson
5800	44.45	69.85	12.70	Mz	L	NBR	Dodge
5802	40.48	70.05	12.70	Mz	L	NBR	Cadillac
5803	44.45	70.05	12.70	Mz	L	NBR	Don Roque - International
5804	30.00	72.00	10.00	Mz	L	NBR	Fahr - Valmet
5805	35.00	72.00	12.00	Mx	L	NBR	Fahr - Erca - Garro Fabril - Mainero
5807	52.40	72.19	11.11	Lz	L	NBR	Ford
5808	55.00	72.00	12.00	Mz	L	NBR	Deutz
5809	38.10	79.38	15.87	Mx	L	NBR	International
5810	54.00	79.40	12.70	Mz	L	NBR	Met Armstrong - Ford
5811	57.15	79.38	11.90	Mz	L	NBR	Cartepillar
5812	60.33	79.38	12.70	Mz	L	NBR	Ford
5813	52.00	80.00	7.00	A 012	L	NBR	Agrometal
5814	7.93	16.00	4.36	Lt	L	NBR	Ford - Dodge
5815	8.00	16.00	7.00	Lx	L	NBR	Isard
5816	10.00	22.00	8.00	Lz	L	NBR/MVQ/FPM	De Carlo - Scania
5818	12.00	22.00	7.00	Lx	L	NBR/MVQ/FPM	Valmet - Ford - M. Benz
5819	10.00	22.00	5.00	Lx	L	NBR	Hoover
5820	15.87	28.78	9.52	Lr	L	NBR	Siam - Di Tella - IKA
5821	26.00	42.00	10.00	Lx	L	NBR	M. Benz
5822	45.60	65.24	6.35	Lx	L	NBR	De Soto - Dodge
5823	45.60	69.24	13.49	Lz	L	NBR	Dodge - Fargo
5825	39.69	57.83	12.00	Lz	L	NBR	Gladiator - Peugeot
5826	54.00	73.02	8.00	Lx	L	NBR	Yomel - IKA
5827	63.00	88.00	10.00	Lz	L	NBR	Fiat
5829	61.90	92.03	9.52	A 010	L	NBR	Dodge - Fargo - Lamopi - Golondrina - Sola y Brusa
5830	46.25	66.62	6.35	A 159	L	NBR	Marani - Ford - Ika
5831	38.10	60.30	15.87	A 083	L	NBR/MVQ/FPM	General Motors - Ford
5833	28.00	47.50	4.00	A 008	L	NBR	Renault - Dauphine

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5834	45.00	68.00	10.0/17.0	A 023	L	NBR	Borgward - Rastrojero
5835	38.10	60.30	15.87	A 092	L	NBR	Ford
5837	33.73	52.37	11.90	A 006	L	NBR	Ford
5838	48.00	68.00	10.0/17.0	A 023	L	NBR	Borgward - Rastrojero
5840	45.00	62.00	8.00	A 001	L	NBR	Citröen
5841	73.20	101.68	19.00	A 002	L	NBR	Giaroli - Bedford
5842	44.45	73.03	11.90	Mz	L	NBR	Cockshutt - Gema - Deutz - Dodge - Fiat
5843	57.00	85.00	9.50	Mx	L	NBR	Agrometal
5844	69.85	95.50	19.05	A 157	L	NBR	Implementos Agrícolas
5850	28.60	39.65	9.52	Lz	L	NBR	Bernardin - General Motors - Dodge
5851	28.60	39.70	4.76	Lt	L	NBR	Ford
5852	31.75	38.07	3.17	Lt	L	NBR	John Deere - M. Benz
5853	33.00	42.50	8.00	Lz	L	NBR	Puch
5854	28.00	42.50	8.00	Lz	L	NBR / MVQ	Fahr - M. Benz
5855	27.00	42.82	9.52	Lz	L	NBR	General Motors - Fiat
5856	30.10	42.82	9.52	Lz	L	NBR	Gema - Caterpillar
5857	31.75	42.82	9.52	Lz	L	NBR	Dodge - Ford
5858	31.75	42.87	4.68	Lz	L	NBR	Tractor Fiat - Dodge - Ford
5859	27.00	43.79	9.12	Lz	L	NBR	General Motors
5860	34.93	44.40	4.75	Lt	L	NBR	John Deere
5861	30.00	50.00	12.00	Lz	L	NBR	Borgward-M. Benz
5862	38.10	55.55	11.11	Lz	L	NBR	Vauxhall
5863	39.69	55.55	7.93	Lz	L	NBR	Morris
5864	38.10	57.15	8.00	Lz	L	NBR	Dodge
5865	36.51	57.20	12.70	Lx	L	NBR	Caterpillar - Cummins
5866	34.93	57.15	7.93	Lx	L	NBR	Industrial
5867	34.93	57.40	7.93	Lz	L	NBR	Ford
5868	42.00	57.50	9.00	Lz	L	NBR	Institec
5869	42.00	58.00	10.00	Lz	L	NBR	Bernardin - D.K.W.-Opel-Fiat
5870	70.00	120.00	14.00	Lx	L	NBR	Pegaso
5871	42.00	60.00	10.00	Lz	L	NBR	Scania Vabis
5872	42.00	60.00	12.00	Lz	L	NBR / MVQ	Fiat Someca
5874	41.50	63.40	10.00	Lz	L	NBR	Morris - Opel
5876	47.63	66.67	9.52	Lz	L	NBR	Morris - White
5877	44.45	66.68	7.93	Lx	L	NBR	Industrial
5878	50.00	67.00	11.00	Lz	L	NBR	Mainero - Helvética
5879	50.80	68.97	11.11	Lz	L	NBR	Allis Chalmers
5880	52.00	69.00	10.00	Lz	L	NBR	Deutz - Simca - Arione
5881	30.00	72.00	12.00	Lx	L	NBR	Industrial
5882	54.00	72.00	10.00	Lx	L	NBR	Someca
5883	38.00	74.00	10.00	Lx	L	NBR	Fiat
5884	41.00	74.00	12.00	Lz	L	NBR	Máquinas Agrícolas
5885	59.00	74.00	12.00	Lz	L	NBR	Hino
5886	38.10	76.12	12.70	Lz	L	NBR	Dodge
5887	60.33	79.38	9.50	Lz	L	NBR / MVQ	Massey Ferguson - Austin
5888	55.00	80.00	10.00	Lx	L	NBR/MVQ/ACM/FPM	Fiat - Mainero - Yomel
5890	52.40	81.00	11.00	Lx	L	NBR	Tornado Interceptor
5891	70.00	89.00	12.50	Lz	L	NBR	Volvo
5892	65.00	90.00	12.0/16.0	A 117	L	NBR	Chrysler
5893	75.00	95.00	10.00	Lx	L	NBR/MVQ/FPM	M. Benz
5894	72.23	100.05	11.11	Lz	L	NBR	Hanomag - General Motors
5895	55.00	100.00	16.00	Lx	L	NBR	Cerrutti
5897	76.20	101.68	12.70	Lx	L	NBR	Volvo
5898	66.68	104.78	15.87	Lx	L	NBR	Dodge
5899	82.55	108.60	14.26	Lz	L	NBR	I.F.A.
5900	85.00	120.00	13.00	Lz	L	NBR	Saurer
5901	95.00	120.00	13.00	Lx	L	NBR / MVQ	Fahr - Magirus Deutz
5902	100.00	120.00	13.00	Lx	L	NBR	Ford - Scania
5903	88.00	126.00	12.00	Lx	L	NBR	Fiat
5904	105.00	125.00	13.00	Lx	L	NBR / MVQ	Deutz
5905	85.00	130.00	13.00	Lx	L	NBR	Industrial
5906	104.78	126.95	11.90	Lz	L	NBR	White
5907	80.00	132.00	17.00	Lx	L	NBR	Pegaso
5908	110.00	140.00	16.00	Lx-R	H	ACM	Deutz Tractor
5909	115.00	140.00	13.00	Lx	L	NBR	Alcal - Deutz - Fiat - M. Benz - Hubber Warco

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5910	89.00	141.50	15.00	Lz	L	NBR	Romapar
5911	117.20	143.00	12.70	Lx	L	NBR	Scania Vabis
5912	120.00	147.50	14.00	Lz	L	NBR	Industrial
5913	120.00	150.00	12.00	Lz	L	NBR	Fiat Tractor
5914	110.00	155.00	14.00	Lx	L	NBR	Industrial
5915	135.00	155.00	13.00	Lx	L	NBR	Pegaso
5916	123.83	155.60	14.28	Lz	L	NBR	White
5917	130.10	155.60	12.70	Lz	L	NBR	Aclo
5918	135.00	160.00	13.00	Lx	L	NBR / ACM	Helvética
5919	135.00	160.00	13.00	Lz	L	NBR	Deutz - Helvética
5920	130.00	160.00	15.00	Lz	L	NBR	Fiat - Scania
5921	97.00	161.00	15.00	Lz	L	NBR	Romapar
5922	136.00	162.00	13.00	Lz	L	NBR	Scania Vabis
5923	145.00	170.00	12.00	Lx	L	NBR / ACM	Pegaso
5924	107.00	181.00	15.00	Lz	L	NBR	Romapar - Viverti
5926	160.00	200.00	15.00	Lz	L	NBR	Skoda - Pegaso
5927	190.00	220.00	14.00	Lx	L	NBR	Scania Vabis
5928	150.00	180.00	18.00	Lx	L	NBR	Pegaso
5929	152.40	177.83	12.70	Lx	L	NBR	Leyland - Montenegro
5930	15.87	23.80	4.70	Lt	L	NBR	I.K.A. - G.M.C. - Ford
5931	15.77	25.41	5.20	Lz	L	NBR	Valiant - Dodge
5933	22.22	33.24	6.35	Lz	L	NBR	G.M.C. Camión - Dodge
5934	20.00	35.00	8.00	Mz	L	NBR	Televel
5935	26.00	38.07	8.00	Mx	L	NBR	Valiant
5936	22.22	38.08	9.91	Lz	L	NBR	John Deere
5937	32.75	44.50	6.35	Mt	L	NBR	General Motors
5938	31.75	48.08	12.70	Mz	L	NBR	Vauxhall
5939	31.75	50.80	11.11	Mz	L	NBR	Cockshutt - Ford
5941	38.10	51.20	5.40	Mx	L	NBR	General Motors
5942	54.00	76.12	12.70	Mz	L	NBR	Ford - Rastrojero
5943	39.69	62.00	19.05	Mx	L	NBR	Dodge - I.K.A.
5944	40.00	62.00	12.00	Mz	L	NBR	Apache - Rastrojero
5945	41.20	63.50	12.70	Mz	L	NBR	Land Rover. 1º S.
5946	36.00	54.00	7.00	Mx	L	NBR / MVQ	Renault
5947	28.60	55.50	10.31	Lz	L	NBR	Marani - Leyland
5948	30.00	56.00	12.00	Mz	L	NBR	Gema - Zetor
5949	29.59	56.57	12.70	Mz	L	NBR	Valiant
5950	38.17	60.33	12.70	Mx	L	NBR	G.M.C. - Ford - Opel
5951	80.00	100.00	10.00	Lz	L	NBR / MVQ	Deutz-Fiat-Scania-Pegaso
5952	49.20	66.62	7.18	Mt	L	NBR	Ford
5953	42.50	66.90	15.87	Mx	L	NBR	Arado Oliver
5954	38.63	67.46	12.70	Mz	L	NBR	General Motors
5956	41.28	69.85	6.35	Mt	L	NBR	Buick-Willys-Dodge-Ika
5957	50.00	70.00	10.00	Mz	L	NBR	Bernardin - General Motors
5958	47.63	70.61	6.35	Mt	L	NBR	Buick
5959	44.45	71.33	7.14	Lx	L	NBR	John Deere
5960	44.85	72.03	7.14	Mz	L	NBR	Met. Shneider - General Motors
5961	57.15	76.12	6.35	Mt	L	NBR	John Deere - Sola y Brusa
5962	54.00	73.02	16.66	Mx	L	NBR / MVQ	Bedford - Dodge - G.M. - Ford - MB
5963	54.00	73.02	12.70	Mz	L	NBR	G.M.C.-Dodge-Ford
5964	50.80	73.02	12.70	Mz	L	NBR	Gema - John Deere - Massey Ferguson
5965	44.45	73.02	16.66	Mx	L	NBR	Hudson
5966	47.63	73.03	11.90	Mz	L	NBR	Bernardin - Gema - Chrysler
5967	47.63	73.40	12.50	Mz	L	NBR	Oldsmobile
5968	41.67	73.76	14.00	Lz	L	NBR	General Motors
5969	39.42	74.50	11.90	Lx	L	NBR	Valiant
5970	44.45	75.28	6.35	Lt	L	NBR	General Motors
5971	50.80	75.36	7.93	Lz	L	NBR	Cadillac
5972	50.80	76.12	12.70	Mz	L	NBR	Leyland
5973	50.80	76.12	15.87	Mx	L	NBR	International
5974	47.63	76.12	12.70	Mx	L	NBR	Dodge - International
5975	42.86	76.12	12.70	Mz	L	NBR	Morris
5976	57.15	76.12	12.70	Mz	L	NBR	John Deere - G.M. - Leyland
5977	49.20	76.22	17.85	Lx	L	NBR	G.M. - Dodge-Ford
5978	49.20	76.22	12.70	Lx	L	NBR	Caterpillar - Dodge - Ford - G.M.

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
5979	44.45	77.75	12.70	Mz	L	NBR	Gema - Hudson
5981	54.00	77.75	15.80	Lx	L	NBR	Dodge - Ford
5982	54.00	77.75	12.70	Mz	L	NBR	Dodge - Fargo - Ford
5983	47.63	77.75	12.70	Mz	L	NBR	Dodge
5984	50.80	77.76	12.70	Mz	L	NBR	International
5985	58.00	78.00	13.00	Lz	L	NBR	Borgward
5986	56.00	78.00	13.00	Lz	L	NBR	Fhar
5987	46.00	78.00	10.00	Mx-R	H	NBR	Fiat Multicarga
5988	57.15	77.76	11.90	Mz	L	NBR	General Motors - Dodge
5989	57.15	79.68	15.87	Lx	L	NBR	Commer
5990	36.00	83.00	12.00	Lz	L	NBR	Citröen
5991	57.00	81.00	11.11	Mx	L	NBR	Chrysler
5992	48.42	81.00	11.90	Lx	L	NBR	Maraco - Dodge
5993	45.00	85.00	12.00	Mz	L	NBR	Don Roque - Schneider - Vasalli - International
5994	52.20	85.09	11.90	Mz	L	NBR	Ford
5995	54.00	85.09	11.90	Mz	L	NBR / FPM	Schiarre - Dodge - International
5996	66.68	85.09	10.00	Mz	L	NBR	John Deere - Pontiac Caja Automática
5997	66.68	85.09	12.70	Mz	L	NBR	International
5998	63.50	85.09	12.70	Mz	L	NBR	General Motors
5999	60.33	85.09	17.85	Mx	L	NBR	Sclausero - Dodge - Fargo
6000	60.33	85.09	11.90	Mz	L	NBR	General Motors - Hubber Warco
6001	57.15	85.09	12.70	Mz	L	NBR	Bedford
6002	50.80	85.63	11.90	Lz	L	NBR	Crucianelli - Dumaire - Fargo
6003	63.50	85.65	12.70	Lz	L	NBR	Leyland
6004	60.33	85.63	12.70	Lz	L	NBR	Leyland
6005	57.15	85.63	11.90	Lz	L	NBR	Fargo
6006	65.88	88.42	12.70	Mz	L	NBR	Rycsa - Bedford - General Motors
6007	60.33	88.42	12.70	Mz	L	NBR	Dodge - Ford
6008	63.50	88.90	15.87	Mx	L	NBR	Pierobon - Hubber Warco - Volvo
6009	63.50	88.90	12.70	Mz	L	NBR	Gema - GM - Dodge
6010	60.33	88.90	11.11	Mz	L	NBR	GM
6011	57.15	88.90	12.70	Mz	L	NBR	Studebaker
6012	66.68	89.05	12.70	Mz	L	NBR	Leyland
6013	63.50	90.00	15.87	Mx	L	NBR	Mack - Bedford
6015	73.03	98.45	10.40	A 098	Bidi	NBR	Ford F 350 - Grosspal
6016	63.50	92.03	11.90	Mz	L	NBR	Deutz - GM
6017	73.03	95.28	12.70	Mz	L	NBR	Case - Volvo
6018	63.50	98.45	11.90	Mz	L	NBR	Mack
6019	66.60	98.45	11.90	Mz	L	NBR	Case 01720
6020	69.85	98.45	11.90	Mz	L	NBR	Dodge - Ford
6021	76.20	98.45	12.70	Mx	L	NBR	Caterpillar - International
6022	74.60	98.45	15.87	Mx	L	NBR	GM
6023	73.03	98.45	11.90	Mz	L	NBR	International
6024	84.00	100.00	13.00	Lx	L	NBR / MVQ	Hanomag
6025	75.00	100.00	13.00	Mz	L	NBR / ACM	Borgward - Scania
6026	80.00	100.00	10.00	Mx-R	AH	ACM/FPM	Fiat - Nissan
6027	80.00	101.68	12.70	Lz	L	NBR	Ford
6028	76.20	101.68	11.90	Lz	L	NBR	John Deere - Caterpillar - Leyland
6029	76.20	101.68	6.35	Mz	L	NBR	International
6030	74.60	101.68	17.46	Lx	L	NBR	White
6031	73.42	101.68	11.90	Lz	L	NBR	Rycsa - Ford - International
6032	71.44	101.68	11.90	Lx	L	NBR	Don Roque - Ford
6033	79.30	102.82	11.11	Lz	L	NBR	General Motors
6034	69.85	103.15	12.70	Lx	L	NBR	Dodge
6035	76.20	103.15	12.70	Lz	L	NBR	Dodge
6036	68.00	104.00	16.00	Lz	L	NBR	Fiat - IKA
6037	82.00	105.00	12.00	Lz	L	NBR	Alfa Romeo
6038	69.85	107.93	15.87	Lx	L	NBR	Juber - Dodge - Fargo - Ford
6039	70.00	112.00	12.00	Lx	L	NBR	Fiat 643
6040	80.96	114.28	12.70	Lz	L	NBR	Dodge - Fargo
6041	76.20	114.27	20.63	Lr	L	NBR	John Deere
6042	88.90	114.27	14.28	Lz	L	NBR	International
6043	82.55	114.25	15.87	Lz	L	NBR	International
6044	80.96	117.50	11.90	Lz	L	NBR	General Motors
6045	79.30	117.50	11.90	Lz	L	NBR	Ford

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
6046	85.73	119.05	12.70	Lz	L	NBR	Dodge
6047	75.00	122.00	12.00	Lz	L	NBR	Fiat 619
6048	74.00	126.00	16.00	Lz	L	NBR	Pratti
6049	106.36	126.95	12.70	Lz	L	NBR	Caterpillar
6050	69.85	126.95	11.90	Mz	L	NBR	Allis Chalmers
6051	80.96	126.95	11.90	Mz	L	NBR	White
6052	85.73	126.95	11.90	Lz	L	NBR	International
6053	88.90	126.95	11.90	Lz	L	NBR	Caterpillar - International
6054	92.08	126.95	11.90	Lz	L	NBR	Caterpillar - Mack
6055	95.25	126.95	11.90	Lz	L	NBR	Dodge - Volvo
6056	98.40	126.95	11.90	Lz	L	NBR	Caterpillar
6057	100.00	126.95	7.93	Lz	L	NBR	John Deere
6058	101.60	126.95	17.06	Lx	L	NBR	Caterpillar
6059	80.00	127.00	17.00	Mz	L	NBR	Pratti
6060	105.00	130.00	18.00	Mx-R	AH	ACM	Deutz
6061	25.00	52.00	7.00	Lx	L	NBR	Alcal
6063	80.90	131.80	12.70	Lz	L	NBR	Dodge - Pegaso
6064	95.25	133.30	15.87	Lz	L	NBR	Volvo
6065	88.90	133.30	15.80	Lz	L	NBR	Commer
6066	110.00	135.00	13.00	Lx	L	NBR	Oruga Urvig
6067	95.00	136.00	13.00	Lz	L	NBR	Fiat
6068	101.60	136.47	12.70	Lz	L	NBR	Ford - G.M.C.
6069	90.00	141.00	17.00	Lz	L	NBR	Pratti
6070	105.00	145.00	16.00	Lx	L	NBR	Fiat
6071	119.06	146.05	14.28	Lz	L	NBR / ACM	Scania Vabis
6072	103.20	146.05	14.28	Lz	L	NBR	Dodge - International
6073	110.00	150.00	15.00	Mz	L	NBR	Deutz - M. Benz
6074	125.00	150.00	13.00	Mx	L	NBR / ACM	Fiat 673 - M. Benz
6075	128.00	150.00	12.00	Lz	L	NBR	Scania Vabis
6076	95.00	152.00	17.00	Lx	L	NBR	Fabimag - Giaroli - Pratti
6077	111.13	154.05	15.87	Lz	L	NBR	Dodge - Fargo
6078	133.35	155.60	14.28	Lz	L	NBR	Volvo
6079	133.35	158.77	14.28	Lz	L	NBR	Leyland
6080	119.06	158.78	14.28	Lz	L	NBR	Leyland
6081	117.08	158.77	15.87	Lz	L	NBR	General Motors
6082	111.13	158.75	14.28	Mz	L	NBR	Ford - Volvo
6083	107.95	158.77	14.28	Mz	L	NBR	Mack
6084	106.36	158.77	14.28	Mz	L	NBR	Mack
6087	130.10	161.90	14.20	Lz	L	NBR	Leyland
6088	120.65	161.85	15.87	Lz	L	NBR	Volvo
6089	97.00	164.00	18.00	Kx	L	NBR	Pratti
6090	150.00	168.00	13.00	Mx	L	NBR / ACM	Fiat 619-643
6092	130.00	170.00	15.00	Lz	L	NBR	M. Benz
6093	133.35	171.45	12.70	Lz	L	NBR	Leyland
6094	50.80	75.26	12.70	A 010	L	NBR	General Motors
6095	105.00	180.00	14.00	Lz	L	NBR	Viberti
6096	154.70	180.10	14.80	Lz	L	NBR	Volvo
6097	130.00	182.00	16.00	Lz	L	NBR	Fiat
6098	180.00	200.00	15.00	Mx	L	NBR / ACM	Fiat 619 - 643
6099	47.63	70.66	15.87	Kx	L	NBR	General Motors
6100	44.00	76.25	12.70	A 079	L	NBR	General Motors
6101	44.40	71.60	15.30	A 098	L	NBR	General Motors
6102	38.63	67.46	15.08	A 098-R	H	NBR / MVQ	General Motors
6103	44.45	53.97	4.70	Lz	L	NBR	Dodge 1500 - VW 1500
6104	44.00	63.50	9.50	Lx-R	H	ACM	Dodge - VW
6105	35.00	56.00	9.50	Lx	L	NBR / MVQ	New Holand - Dodge - VW
6106	56.93	CI 79.00	14.00	A 015	L	NBR	Dodge - Fargo - Valiant
6107	50.80	-	14.20	A 086	L	NBR	Dodge - I.K.A.
6108	57.15	84.08	9.52	Mz	L	NBR / MVQ	Ford - G.M. - Dodge - VW
6109	57.15	101.81	22.22	A 021	L	NBR	Chrysler - Dodge
6110	72.00	95.00	8.00	A 094	L	NBR	Met Armstron - Met Cele - Citroën
6111	56.00	69.00	10.00	A 082-R	AH	ACM	Citroën
6112	31.70	44.60	6.70	Mx-R	H	ACM	G.M. - Ford - Dodge
6113	60.33	-	12.70	A 086	L	NBR	Ford - General Motors
6114	34.93	49.47	14.28	Mx	L	NBR	Tractor Fiat - Siam - Di Tella

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional
Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
6115	38.10	60.00	12.70	Lz	L	NBR	Ardanaz
6116	31.75	44.50	6.35	Lx	L	NBR / MVQ	Bertini - Cinal For
6117	20.00	30.00	5.0/7.0	A 081	L	NBR	Dodge 1500
6118	76.20	95.25	9.27	Lx-R	AH	ACM	Dodge 1500
6120	22.00	40.00	7.00	Mx-R	H	NBR / ACM	Fiat 128 - 147
6121	30.00	52.00	7.00	Mx-R	H	ACM / FPM	Fiat 128-125-147-Uno-Duna-Palio-Siena
6122	14.00	22.00	4.00	Lt	L	NBR	Fiat - caja direccin.
6123	40.00	56.00	7.00	Mx-R	H	ACM / FPM	Fiat 128-125-147-Uno-Duna-Palio-Siena - Isuzu - Lada
6124	50.00	63.50	7.00	A 199	L	NBR	Ford Fairland - F 100/150
6127	42.50	66.62	12.70	A 083	L	NBR	Ford
6128	34.85	57.15	15.87	A 092	L	NBR	Ford
6129	52.40	76.17	7.93	Lt	L	NBR	Ford
6130	46.00	76.27	12.70	A 020-R	H	NBR	Ford - Mercury
6131	47.63	80.27	13.39	A 019	L	NBR	Dodge - Ford
6132	64.26	--	12.30	A 086	L	NBR	Dodge - Ford
6135	28.50	39.65	7.80	A 017	L	NBR	Gladiator
6136	22.22	30.11	12.71	A 018	L	NBR	Gladiator
6138	22.00	45.00	12.00	A 094	L	NBR	M. Benz
6139	123.60	150.00	28.00	A 096	L	NBR	M. Benz
6140	13.00	26.05	9.00	Lx	L	NBR	Renault - Ford - Escort
6141	60.33	79.37	10.80	A 013-R	H	ACM	Perkins - Dodge - Ford
6142	20.00	55.50	11.00	A 079	L	NBR / MVQ	Perkins 6-305 - Bedford
6143	42.86	66.57	12.70	A 014	L	NBR	Valiant
6144	28.50	39.40	7.54	Mx	L	NBR	Valiant - Dodge
6145	87.31	117.48	11.90	A 094	L	NBR	Volvo
6148	110.00	140.00	14.00	A 094	L	NBR	M. Benz
6149	126.80	170.00	13.50	A 094	L	NBR	Volvo
6152	90.00	112.85	13.00	Mx	L	NBR	M. Benz
6153	35.00	50.00	8.00	Lz	L	NBR / MVQ	Renault - Dodge 1500
6159	47.60	80.26	13.00	A 022	L	NBR	Ford F-350
6160	175.00	200.00	15.00	Lx	L	NBR	Deutz - Helvética
6161	65.00	90.00	13.00	Lr	L	NBR	Deutz
6162	62.00	80.00	9.50	Mz	L	NBR	Bernardin - M. Benz
6163	31.75	50.00	8.00	Mz	L	NBR	M. Benz
6164	47.63	65.00	13.00	Mz	L	NBR	M. Benz
6165	22.22	35.89	9.52	A 237	L	NBR / ACM	Perkins
6170	60.32	--	11.00	A 086	L	NBR	Ford F700 - Dodge
6171	57.15	85.63	15.87	Lx	L	NBR	International
6172	73.03	95.28	12.70	Lx	L	NBR	John Deere - Volvo
6173	25.00	43.00	10.00	Lx	L	NBR/ACM/FPM	Gema - Deutz - M. Benz
6174	11.00	17.00	4.00	Lt	L	NBR	Bernardin - Scania - M. Benz - Fiat
6175	156.00	180.70	12.70	Mz-R	AH	NBR / ACM	John Deere 5020 - Bancada
6176	69.85	126.95	11.90	Mx	L	NBR	Agrometal
6177	105.00	152.80	16.00	Lx	L	NBR	Const. Met. Astivia
6178	30.16	51.40	11.90	Mx	L	NBR	Maizco
6179	60.00	85.00	10.00	Lx	L	NBR / FPM	Máquinas Agrícolas
6180	125.00	150.00	15.00	Lx	L	NBR	Fiat Camión
6181	50.00	65.00	8.00	Lx	L	NBR / FPM	Fiat Tractor
6182	101.60	139.70	14.28	Lz	L	NBR	G.M.C.
6193	5.55	25.32	4.76	Lt	L	NBR	Kaiser - Frazer
6195	6.34	19.00	6.15	Lz	L	NBR	Hoover
6197	6.35	19.05	5.55	Lt	L	NBR	Siam Lavarropas
6201	7.93	19.70	6.35	Lz	L	NBR	Thor Lavarropas
6202	8.00	18.00	4.50	Lt	L	NBR	Industrial
6204	8.40	16.00	6.50	Lz	L	NBR	IKA - Ford - Renault
6206	9.52	19.05	5.55	Lz	L	NBR	Margaria - Hoover Lavarropas
6208	9.52	25.37	9.52	Lt	L	NBR	Cummis Diesel - Pratti
6210	10.00	19.00	7.00	Lx	L	NBR	Hanomag
6211	10.00	24.00	7.00	Lx	L	NBR	Yelmo
6212	11.00	18.00	5.00	Lt	L	NBR	Industrial
6218	12.00	17.00	3.50	Lt	L	NBR	Motos
6219	12.00	18.10	3.70	Lt	L	NBR	Case - Citroën
6220	12.00	26.00	8.00	Lx	L	NBR / FPM	Siambretta
6221	12.50	25.53	5.78	Lz	L	NBR	Ford
6226	13.00	28.00	7.00	Lx	L	NBR	M. Benz

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
6227	14.00	24.00	5.5/8.5	A 117	L	NBR	Valmet - Puma
6228	14.00	26.00	5.00	Ls	L	NBR	Borgward
6229	15.00	26.00	7.00	Lx	L	NBR	Dacia - N.S.U - Renault
6231	15.00	30.00	4.50	Lx	L	NBR / FPM	M. Benz
6232	15.00	31.00	2.50	Lz	L	NBR	B.T.H.
6233	15.00	35.00	7.50	Lx	L	NBR	Zanella
6236	15.87	25.42	3.17	Lt	L	NBR	Ford
6237	15.87	27.20	6.35	Lt	L	NBR	John Deere
6238	15.87	30.06	6.35	Ls	L	NBR	M. Benz
6239	15.87	31.75	9.52	Lz	L	NBR	De Soto - Dodge
6241	15.87	35.02	9.52	Lz	L	NBR	Surtidor Siam
6242	16.00	24.00	3.50	Lt	L	NBR	Capri
6245	17.00	28.00	7.00	Lx	L	NBR / MVQ	Renault
6246	17.00	35.00	5.00	Lx	L	NBR	Fiat
6247	18.00	40.00	10.00	Lx	L	NBR	Iso
6249	18.80	25.80	7.00	Lt	L	NBR	Siam
6250	18.80	27.00	7.00	Ls	L	NBR	Siam
6251	19.00	27.00	6.00	Ls	L	NBR	Marani - Gilera
6253	19.00	38.00	7.00	Lx	L	NBR	Fiat
6256	19.00	31.75	6.35	Lz	L	NBR	Caterpillar - GM
6257	19.00	31.75	6.35	Lx	L	NBR	Dodge - Ford
6258	20.00	30.00	5.00	Ls	L	NBR/MVQ/FPM	Bertini - Rastrojero
6260	20.00	40.00	7.0/8.0	A 135	L	NBR	Hanomag - Someca
6261	20.00	41.30	6.70	Lz	L	NBR	Maquinas Agricolas
6262	20.00	47.00	8.00	Lx	L	NBR / FPM	Opel
6263	20.00	48.00	7.50	Lx	L	NBR	Fiat
6264	20.00	53.00	8.00	Ls	L	NBR	Dodge - Fargo
6268	20.00	72.00	9.00	Lx	L	NBR	Fiat
6269	22.00	32.00	7.00	Lx	L	NBR	Scania 111-141-142- Eje accionam. Pedal Freno
6271	22.00	38.00	7.00	Lx	L	NBR	Tractor Fiat Someca - Bomba centrifuga MWM
6272	22.00	40.00	7.0/8.0	A 135	L	NBR	Maquinas Agricolas
6276	22.22	52.00	10.00	Mz	L	NBR	Industrial
6278	24.00	34.00	4.00	Ls	L	NBR	Siambretta
6279	24.00	36.00	6.00	Lx	L	NBR	K.C.
6284	25.00	52.00	7.00	Ls	L	NBR	Industrial
6285	25.00	62.00	10.00	Ls	L	NBR	Fiat
6286	25.40	36.37	7.90	Lt	L	NBR	Línea I.K.A.
6287	25.40	41.25	7.54	Ls	L	NBR	Caterpillar - John Deere
6289	25.40	44.50	15.00	Mx	L	NBR	Industrial
6291	27.00	55.00	8.00	Ls	L	NBR	Fiat
6292	27.00	62.00	11.00	Lz	L	NBR	Industrial
6293	28.00	52.00	9.00	Lx	L	NBR	Colombo - Fiat
6294	28.00	62.00	9.00	Lx	L	NBR	Fiat
6295	28.60	39.75	17.85	Lr	L	NBR	John Deere
6302	30.00	62.00	7.00	Lx	L	NBR / MVQ	Alcal - Bernardin - Erca - Fabimag - Fiat
6303	30.10	48.97	11.11	Lz	L	NBR	Standard
6304	30.10	43.55	15.87	Mx	L	NBR	Ford
6307	30.16	61.90	10.00	Lz	L	NBR	Garro Fabril
6309	31.75	50.80	15.87	Mx	L	NBR	International
6320	35.00	55.00	10.00	Lx	L	NBR	Fiat - Toyota
6325	38.10	52.37	11.11	Ls	L	NBR	John Deere
6331	38.10	77.75	12.70	Mz	L	NBR	International
6336	39.69	64.59	18.25	A 020	L	NBR	De Soto - Dodge
6342	40.48	63.40	7.31	Ls	L	NBR	Hudson
6357	42.80	69.16	10.30	Ls	L	NBR	Ford
6358	42.86	63.48	6.35	Ls	L	NBR	General Motors
6359	42.86	63.55	19.05	Mx	L	NBR	Pierobon - GM - Ford
6371	44.45	66.62	16.70	Mx	L	NBR	John Deere
6386	46.00	60.30	9.50	Mt	L	NBR	Lincoln - Mercury
6388	46.00	72.87	8.75	Ls	L	NBR	De Soto - Dodge
6397	47.63	69.01	11.11	Ls	L	NBR	International
6399	47.63	70.26	16.66	Lx	L	NBR	Oruga Urvig
6403	48.00	80.00	13.00	A 094	L	NBR	Fahr - Deutz
6404	48.30	85.85	8.00	Ls	L	NBR	Chiapano
6406	49.20	65.05	9.50	Lz	L	NBR	Valmet - Bedford - GM

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
6414	50.00	82.18	25.50	A 093	L	NBR	M. Benz
6414/1	50.00	82.18	25.50	A 092	L	NBR	M. Benz
6420	50.80	70.26	16.66	Lx	L	NBR	Hércules
6421	50.80	73.03	19.05	Mx	L	NBR	International
6423	50.80	76.12	18.25	Mx	L	NBR	G.M.C. - White
6443	54.00	76.12	19.05	Mx	L	NBR	International
6444	54.00	79.40	19.05	A 111	L	NBR	Ford - G.M.C.
6446	54.00	91.38	12.00	Ls	L	NBR	General Motors
6455	57.15	76.17	17.06	Lx	L	NBR	Dodge - Fargo
6456	57.15	85.63	17.85	Mx	L	NBR	International
6458	57.15	95.43	21.43	A 152	L	NBR	Dodge - Ford
6465	58.74	85.09	16.27	Mx	L	NBR	International
6471	60.33	77.75	12.70	Mz	L	NBR	John Deere - Packard
6472	60.33	88.42	17.46	Mx	L	NBR	Aumec - Massey Ferguson
6480	63.50	85.09	19.05	Mx	L	NBR	John Deere
6482	63.50	88.90	19.05	Mr	L	NBR	International
6487	64.00	80.00	8.00	Lx-R	AH	ACM / FPM	Fiat - Bancada
6495	66.68	85.70	19.05	Lx	L	NBR	International
6496	66.68	115.88	21.50	A 024-R	H	NBR / ACM	Bedford - Deutz - Dodge - Fiat - Ford - GM - MB
6507	69.85	98.45	19.05	Mx	L	NBR	Dodge - Fargo
6510	70.00	100.00	14.00	A 094	L	NBR	Deutz Fahr
6517	73.03	98.45	4.76	Mt	L	NBR	Reo
6519	74.00	116.00	20.00	A 108	L	NBR	Implementos JPC - Halcón
6537	82.39	114.30	14.28	A 094	L	NBR	Deutz
6538	82.50	117.50	12.70	Lz	L	NBR	General Motors
6540	82.55	122.24	12.70	A 094	L	NBR	Deutz
6547	85.00	150.00	14.00	Mz	L	NBR	Industrial
6554	88.90	126.95	12.70	Lx	L	NBR	John Deere
6558	90.00	110.00	15.00	Lx-H	H	ACM	Deutz
6560	90.00	126.95	15.80	Lx	L	NBR	Industrial
6561	92.08	117.47	14.28	Lz	L	NBR	Mack
6572	95.25	123.82	15.87	Lx	L	NBR	Allis Chalmers
6575	95.25	146.05	11.90	Lz	L	NBR	Commer
6586	101.60	133.30	14.28	Lz	L	NBR	Industrial
6589	103.00	166.00	15.00	Lz	L	NBR	Volvo
6594	112.71	146.05	14.28	Lz	L	NBR	Industrial
6595	113.71	158.77	15.87	Lz	L	NBR	Ford
6598	114.30	152.42	14.28	Lx	L	NBR	Caterpillar
6602	119.06	152.42	6.35	Lt	L	NBR	Chrysler - Ford
6603	120.00	150.00	12.00	Lx	L	NBR/MVQ/FPM	Fiat
6605	125.41	158.78	14.28	Lz	L	NBR	Mack
6607	127.00	158.77	14.28	Lz	L	NBR	Zanella - GM - Mack
6608	134.00	168.05	14.28	Lx	L	NBR	Fargo
6609	135.00	165.00	12.00	Lz	L	NBR	Saurer
6610	135.00	165.00	15.00	Lx	L	NBR	Saurer
6611	135.00	171.10	15.00	Lx	L	NBR	M. Benz
6612	136.50	168.27	15.87	Lz	L	NBR	Caterpillar
6614	140.00	158.75	12.70	Lx	L	NBR	Cumming
6615	140.00	165.00	12.00	Lz	L	NBR	Gema
6616	149.23	181.00	20.24	Lx	L	NBR	General Motors - Ford
6617	150.00	172.00	18.30	Lx-H	AH	ACM	Deutz
6619	153.99	171.45	12.00	Lz	L	NBR	Industrial
6622	158.75	182.55	15.87	Lz	L	NBR	Leyland - La Atomica
6623	160.00	190.00	15.00	Lx	L	NBR	Deutz - Lamopi
6624	165.00	190.00	13.00	Lx	L	NBR	M. Benz
6626	170.00	200.00	15.00	Lz	L	NBR	Man
6628	185.00	210.00	13.00	Lz	L	NBR	Mercedes Benz
6633	260.00	290.00	16.00	Lx	L	NBR	Bernardin - Marani
6635	40.00	80.00	7.00	Lx	L	NBR	Máquinas Agrícolas
6637	65.00	100.00	13.00	Mx	L	NBR	Máquinas Agrícolas
6641	22.00	40.00	6.50	Lz	L	NBR / MVQ	Venturi
6642	25.50	40.00	6.50	Lz	L	NBR	Venturi
6643	17.50	28.50	6.00	Lz	L	NBR/MVQ/ACM	Venturi
6644	40.00	72.00	11.50	Lz	L	NBR	Fabimag - Marani - Valmet
6645	40.00	80.00	12.00	Lz	L	NBR	Garro Fabril - Yomel - Vasalli - Fahr

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
6646	72.00	127.00	11.90	Mx	L	NBR	Marcibur
6647	43.00	60.00	10.00	Lz	L	NBR	Indenor Diesel
6648	57.15	85.09	12.70	Lz	L	NBR	Bedford
6649	60.00	90.00	9.20	A 099	L	NBR	Máquinas Agrícolas
6650	22.22	34.92	6.35	Mx	L	NBR / ACM	John Deere - Bedford - Ford - Perkins
6651	17.46	27.02	7.30	Lz	L	NBR	John Deere
6652	25.40	38.07	9.50	Mx	L	NBR	John Deere
6654	25.00	40.00	7.00	Lx	L	NBR	Fiat
6656	149.23	181.01	15.87	Lx	L	NBR	Caterpillar
6657	60.00	102.00	13.00	Lx	L	NBR	Giarolli
6670	14.00	24.00	8.00	A 029	L	NBR	Fiat
6671	30.00	42.00	6.00	A 115	L	NBR	Industrial
6672	25.00	40.00	7.00	A 115	L	NBR	Industrial
6673	20.00	35.00	6.50	A 115	L	NBR	Industrial
6674	17.00	30.00	6.00	A 115	L	NBR	Industrial
6675	34.85	72.00	12.00	Lx-H	H	NBR	Fiat
6676	73.00	105.45	8.00	Lx	L	NBR	Industrial
6677	70.00	90.00	10.00	Lx-R	AH	ACM / FPM	Fiat - Lada - Renault - VW
6679	44.45	60.30	11.11	Mx-R	H	ACM	Ford
6680	43.40	56.10	9.00	A 083-R	H	ACM / FPM	Ford -Taunus - Sierra
6681	14.25	23.80	7.00	Lz	L	NBR	Industrial
6682	28.00	40.00	8.20	A 156-R	H	NBR / ACM	Ford - Taunus - Sierra
6683	34.93	49.60	13.00	Mx-R	AH	NBR / ACM	Ford - Taunus - Sierra
6684	92.00	106.50	5.40	Lx-R	AH	ACM	Ford - Taunus
6685	105.00	161.00	15.00	Lz	L	NBR	Romapar - Pratti
6686	47.63	64.95	8.28	Lz-R	H	ACM	Ford 8 cilindros
6687	42.00	60.00	10.00	Mx-R	H	ACM	Peugeot - Rastrojero
6688	34.93	61.90	7.54	Lz	L	NBR	Colombo - Fiat - Chrysler - Dodge
6689	65.00	90.00	13.00	Mz-R	H	ACM	M. Benz
6690	30.00	42.00	7.00	Lz-R	H	ACM / FPM	Distribucion -Citröen 3 Cv - A. de Levas Renault
6691	44.85	61.42	9.52	Mx-R	H	ACM	General Motors - Opel
6692	39.69	58.98	9.75	Lz-R	H	NBR	Siam - Di Tella
6693	52.40	81.00	11.50	Kx-H	H	ACM	I.K.A. - Borgward
6694	52.40	81.00	11.00	Lz-R	H	ACM	I.K.A.
6695	43.00	60.00	10.00	Lz-R	H	NBR	Indenor Diesel
6696	32.00	50.00	8.00	Lz-R	H	ACM	Renault - Nissan
6697	35.00	50.00	8.00	Lx-R	H	ACM	Caterpillar Mancal de Eje - Dacia
6698	44.00	63.50	9.50	Lz	L	NBR	Dodge
6699	56.93	--	14.00	A 080-R	H	NBR / ACM	Dodge - Valiant
6700	28.00	38.00	6.00	Lx	L	NBR	Bomba Inyectora - Motos
6701	22.22	28.50	4.00	Mt	L	NBR	Industrial
6702	25.00	62.00	10.00	Lx	L	NBR	Deutz - Hubber Warco - Motos
6703	30.00	52.00	7.00	Lx	L	NBR	Fabimag - Scania - Motos
6704	117.20	143.00	12.70	Lz-R	AH	ACM	Bedford - GM - Bancada
6705	53.50	81.00	11.90	A 111	L	NBR	Apache - Crucianelli - Giarolli
6706	50.80	67.5/86.0	14.28	A 080	L	NBR	Agrometal
6707	60.00	81.50	10.0/13.0	A 031	L	NBR	Tractor Kase 830
6708	24.00	62.00	6.50	Lx	L	NBR	Tractor Fiat 780
6709	12.70	19.10	3.00	Lt	L	NBR	Industrial
6710	25.00	35.00	7.00	Lx	L	NBR/MVQ/ACM	Cinal For - Fiat 619 - MB - Scania - Pegaso - Motos
6711	60.00	80.00	10.0/12.0	A 114	L	NBR	Garro Fabril
6712	60.00	95.00	10.0/12.0	A 114	L	NBR	Dumaire - Schiarre
6713	34.93	53.49	12.30	Lx	L	NBR	Ford
6714	140.00	165.00	15.00	Mx-R	AH	ACM	Fiat 619
6715	70.00	90.00	15.00	Mx-H	H	ACM / FPM	Fiat 619
6716	75.00	105.00	12.00	Mx-R	H	ACM	Fiat 619
6717	80.00	110.00	13.00	Mx	L	NBR / MVQ	Tractor Fiat - Fiat 619
6719	44.70	61.20	9.00	Mx-H	H	ACM	Opel - G.M. - Distribucion
6720	60.00	110.00	8.00	Lz	L	NBR	Maquinas Agrícolas
6721	75.00	113.00	15.00	Lz	L	NBR	Maquinas Agrícolas
6722	65.00	86.00	12.50	Lz	L	NBR	Maquinas Agrícolas
6724	73.00	100.00	16.00	Lx-R	H	NBR / ACM	Tractor Fiat 800
6725	75.00	100.00	17.00	Lx-R	H	ACM	Tractor Fiat 700
6726	29.00	47.80	6.30	Lz	L	NBR	Maquinas Agrícolas
6727	70.00	105.00	13.00	Lx	L	NBR	Industrial

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
6728	13.40	25.30	9.52	Lx	L	NBR	Industrial
6729	15.00	25.00	6.00	Lx	L	NBR	Motos - Toyota
6730	100.00	120.00	12.70	Kx	L	NBR / ACM	M. Benz 1517
6731	120.00	145.00	15.00	Kx	L	NBR / ACM	M. Benz 1517
6732	36.00	48.00	10.00	Lz-R	AH	NBR	Fiat
6733	32.00	56.00	10.00	Mx-H	AH	NBR	Fiat - Lada - Rastrojero
6734	28.00	47.00	8.00	Mz-R	H	NBR / ACM	Juber - Fiat - Lada - Isuzu
6735	72.00	93.50	8.00	A 094	L	NBR	Máquinas Agrícolas
6736	17.00	28.00	7.0/10.0	Mz-R	H	NBR	Fiat
6738	110.00	130.00	13.00	Mx	L	NBR/ACM/FPM	Don Roque - Fiat 673 N - Chrysler
6740	50.00	84.00	10.00	Lz	L	NBR	Industrial
6741	40.00	84.00	12.00	Lz	L	NBR	Industrial
6742	17.00	40.00	8.50	Lx	L	NBR / MVQ	John Deere - Motos
6743	25.00	45.00	10.00	Lx	L	NBR	Mercedes Benz
6744	17.50	35.00	7.00	Lx	L	NBR	Industrial - Motos
6745	15.00	39.65	6.35	Mx	L	NBR	Industrial
6747	15.00	35.00	6.50	Mx	L	NBR	Industrial
6748	-	CI 45.50	6.30	A 027	L	NBR	Cuchilla arado John Deere
6749	48.00	101.80	12.00	Lz	L	NBR	Industrial
6750	45.00	67.00	11.8/15.0	A 001	L	MVQ	M. Benz
6752	17.18	20.43	4.24	A 034	L	NBR	Ford
6753	47.65	65.20	11.90	Mz	L	NBR / ACM	Ford - IKA
6755	50.80	CI 57.95	11.50	A 033	L	NBR	Dodge - Ford - General Motors
6757	28.60	41.27	9.40	Mx	L	NBR / MVQ	Massey Ferguson
6758	44.45	68.22	15.87	Kx	L	NBR	Massey Ferguson
6759	57.15	76.20	9.50	Mx	L	NBR / MVQ	John Deere
6760	83.39	101.67	11.11	LMz	L	NBR	John Deere
6761	117.90	146.07	12.70	A 313	AH	ACM	John Deere
6762	60.23	85.73	22.86	A 238	L	MVQ	Massey Ferguson
6763	54.00	81.10	21.00	A 102	L	MVQ	Massey Ferguson
6764	73.00	101.60	14.00	A 240	L	NBR	Massey Ferguson
6765	103.20	136.90	9.52	A 101	L	NBR	John Deere
6766	107.95	152.53	17.27	A 032	L	NBR	Acoplados Maldonado - Montenegro - Sola y Brusa
6767	45.00	85.00	12.00	Lx	L	NBR	Marani - Vasalli
6768	49.20	73.02	12.70	Mz	L	NBR	John Deere
6769	38.86	60.29	12.70	Mx	L	NBR	John Deere
6770	31.75	50.80	10.70	Mx	L	NBR	John Deere
6771	49.20	68.22	9.52	Lx	L	NBR	John Deere
6772	32.16	CI 41.61	14.28	A 279	L	NBR	John Deere
6773	22.22	38.07	12.20	Mx	L	NBR	John Deere
6774	41.20	49.28	6.20	Mx	L	MVQ / ACM	Massey Ferguson
6776	34.93	72.00	7.90	A 156	L	NBR	John Deere - Fiat - Garro Fabril
6777	66.50	92.02	9.52	LMx	L	NBR	Chiapano - John Deere - Zanella
6778	41.00	56.00	10.00	Mz	L	NBR	Fiat
6780	15.87	25.40	4.75	Lz	L	NBR	Massey Ferguson
6781	20.60	31.75	5.00	Mz	L	NBR	Massey Ferguson
6782	105.00	130.00	16.00	Lx	L	NBR	Deutz
6783	28.50	36.50	6.0/7.5	Ms	L	NBR	General Motors
6784	12.30	32.00	7.85	Lx	L	NBR	Industrial
6785	75.00	120.00	13.00	Mz	L	NBR	Metal For - Fiat
6786	42.00	64.00	12.0/16.0	A 026	L	NBR	Fiat
6787	31.00	65.10	13.00	Mx	L	NBR	Fiat
6788	76.20	114.93	9.50	A 101	L	NBR	John Deere
6789	134.00	152.00	13.00	Lx	L	NBR	Fiat
6790	39.69	60.30	9.50	Lz	L	NBR	Fiat - Dodge
6791	66.68	95.22	15.87	Mx	L	NBR	Fiat - Dodge
6792	19.00	37.00	10.00	Mz	L	NBR	Fiat
6793	16.00	26.00	9.0/20.0	A 028	L	NBR	Fiat
6794	5.50	-	13.50	A 176	L	NBR	Ford
6795	27.50	39.60	6.35	Mt	L	NBR	Ford
6798	47.60	68.20	13.80	A 101	L	NBR	Massey Ferguson
6799	38.00	52.00	8.50	A 082	L	NBR	Metal For - Opel
6800	47.62	73.00	12.20	A 025	L	NBR	Opel
6801	39.42	57.10	8.00	Mz	L	NBR	Opel
6803	29.84	45.02	7.00	Lz-H	H	NBR	Opel

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
6805	14.25	24.00	7.00	Lz	L	NBR	Opel
6806	20.00	34.75	12.70	Mx	L	NBR	Perkins
6807	36.00	54.00	8.0/11.0	A 030	L	NBR	Renault
6808	17.00	28.00	7.0/12.8	A 117-R	H	NBR	Renault
6809	24.00	36.00	8.0/12.0	A 117-R	H	NBR	Renault
6811	40.50	56.00	7.00	Lz	L	NBR	Dodge
6812	140.00	160.00	13.00	Lx	L	NBR / ACM	Helvética - Fiat 673
6814	105.00	130.00	15.00	Lz-H	AH	MVQ	Deutz - Bancada
6815	62.00	85.09	9.50	Mz	L	NBR	John Deere
6816	95.20	-	9.80	A 080	L	NBR	John Deere
6817	44.50	57.15	6.35	Mz	L	NBR	John Deere
6818	28.60	41.25	10.50	Mx	L	NBR	John Deere
6819	34.85	54.00	7.10	Mx	L	NBR	John Deere
6820	35.00	60.30	9.50	Mx	L	NBR	John Deere - New Holland
6821	55.40	76.15	12.50	Ms	L	NBR	General Motors
6822	16.00	22.00	4.00	Ls	L	NBR	Peugeot - Renault
6823	133.35	158.75	12.50	Lx-R	AH	FPM	Ford - GM - Motor Perkins
6825	151.60	178.20	12.70	Lz	L	NBR	Scania Vabis
6826	65.00	90.00	15.00	Mx-R	H	NBR / ACM	M. Benz - Deutz
6827	125.80	152.25	15.00	Lz	L	NBR	M. Benz
6830	34.93	60.50	12.70	Lz	L	NBR	Aumec - Margaria - Rycca - Dodge - Ford
6831	60.33	88.00	7.35	A 101	L	NBR	John Deere
6832	107.00	143.00	12.70	Lz	L	NBR	Fiat
6834	98.40	--	9.52	A 101	L	NBR	John Deere
6835	63.50	82.60	10.00	Lz	L	NBR	John Deere
6836	73.20	101.67	16.3/19.4	A 140	L	NBR	Agrometal - JPC - Bedford
6839	41.28	53.75	7.92	Mx	L	NBR	John Deere
6846	75.00	100.00	19.50	Lz	L	NBR	Industrial
6847	75.00	100.00	21.50	Lz	L	NBR	Industrial
6848	27.00	34.00	4.00	Lt	L	NBR	Industrial - Motos
6849	50.00	90.00	5.0/8.0	A 117	L	NBR	Industrial
6850	31.00	47.00	7.50	A 178	L	NBR	Industrial
6852	70.00	90.00	10.00	Ls	L	NBR	Industrial
6853	28.50	43.00	9.00	Lx	L	NBR	Industrial
6854	19.00	31.40	8.00	Lx	L	NBR	Industrial
6855	25.00	52.00	10.00	Lx	L	NBR / MVQ	Gema - Motos
6856	120.50	152.36	13.00	Lx	L	NBR	Camión Dodge DD 1000
6857	70.00	115.00	15.00	Lx	L	NBR	Dumaire - Pierobon - Lamopi
6858	30.00	42.00	7.00	A 156-R	H	ACM / FPM	Fiat Mot. Fire 1.3 8 Val. - Distribucion Citröen 3cv
6859	48.00	65.00	10.00	Lx-R	AH	NBR	Citröen - 2CV - Bancada - Mayor Ajuste
6860	55.00	69.00	10.00	A 082-R	AH	ACM	Citröen - Mayor Ajuste
6861	48.00	65.00	10.00	A 082-R	AH	NBR	Citröen 2CV - Bancada
6862	40.00	52.00	7.50	Lx	L	NBR	Ford - Volkswagen
6863	85.00	105.00	12.00	Lx-R	AH	FPM	Citroen - Ford - Renault - VW -Bancada
6864	32.00	47.00	10.00	Lx-R	H	ACM / FPM	Ford - Seat - Volkswagen
6866	18.80	27.00	4.76	Lt	L	NBR	Citröen
6867	59.00	76.00	9.00	Mt	L	NBR	Ford 350
6868	18.00	29.25	8.5/10.5	A 277	L	NBR	Industrial
6869	90.00	110.00	15.00	Lx-R	AH	FPM	B.M.W. - Bancada
6870	64.00	80.00	8.00	Lz-R	H	ACM	Fiat 133 - Bancada
6871	42.00	56.00	7.00	A 136-R	AH	ACM	Fiat 133 - Distribución
6872	88.90	111.10	9.50	Lz	L	NBR	Industrial
6873	50.00	65.00	9.75/14.0	A 103	L	NBR	Ford Sierra - Rueda
6876	30.00	52.00	8.00	Lx	L	NBR	Garro Fabril
6877	50.00	65.00	10.00	A 036	L	NBR	Zanella
6878	55.00	80.00	10.00	Lx-R	H	FPM	Zanella
6879	63.00	105.00	13.20	A 101	L	NBR	Zanella
6880	-	-	-	A 076	L	NBR	Zanella
6881	24.50	47.00	7.00	Lx	L	NBR	Pierobon
6882	30.00	42.00	7.00	Lx-R	AH	ACM / FPM	Renault 12
6883	50.00	68.00	10.00	Lx-R	H	ACM / FPM	Renault 18 - Peugeot - Isuzu
6884	90.00	110.00	13.00	Lx-R	AH	FPM	Renault 18 - Peugeot
6885	35.00	47.00	7.00	Lx-R	H	ACM / FPM	Renault 18 - Peugeot
6886	16.00	22.80	4.80	Lt	L	NBR	Renault 18
6887	48.70	58.00	5.5/8.5	A 131	L	NBR	Renault 18

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
6889	65.00	85.00	12.00	Lx-R	H	NBR	Dodge-Motor Deutz 913
6890	42.00	65.00	14.00	A 025	L	NBR	Ford - Peugeot
6891	33.33	57.15	8.00	Mx	L	NBR	Ford - Peugeot
6893	47.60	69.17	8.00	Mx	L	NBR	F-250 - Piñon
6894	75.00	100.00	12.0/13.0	A 023-R	H	ACM	M. Benz 1521
6895	43.00	60.00	7.00	Lx	L	NBR / ACM	M. Benz - Agricola
6896	44.00	68.00	14.00	Mx	L	ACM	M. Benz 317
6897	135.00	180.00	13.00	Lx-R	AH	FPM	Reforma Perkins
6898	7.90	16.00	6.00	Lz	L	NBR	Ford Sierra - Caja de Vel.
6900	70.00	90.00	13.00	Lr	L	NBR	Industrial
6901	72.00	95.00	16.00	A 111	L	NBR	Imp. Tatu
6902	27.00	37.00	7.00	Lx	L	NBR	Fiat 133
6903	24.00	37.00	4.80	Lx	L	NBR	Industrial
6904	50.77	66.60	6.35	Ms	L	NBR	F 100 - Rueda Del.
6905	12.00	19.00	4.50	Lt	L	NBR	Renault - Distribuidor
6906	15.87	22.50	6.00	A 175	L	NBR	Industrial
6907	17.00	24.00	4.00	A 051	L	NBR	Industrial
6908	38.10	58.06	7.00	A 101	L	NBR	Agrometal
6908Pist	58.00	63.50	9.50	A 229	L	CHAPA	Agrometal
6910	-	-	-	A 043	L	NBR	Renault - Sello Rodamiento rueda del.
6911	50.37	79.90	6.85	A 012	L	NBR	Agrometal
6912	110.00	150.00	12.00	Lz	L	NBR	Zanella
6913	110.00	125.00	12.00	Lx	L	NBR	Venturi
6914	65.00	85.00	12.00	Lx	L	NBR	Hanomag - Venturi
6915	30.00	37.00	4.00	A 215	L	NBR	Venturi
6916	35.00	42.00	4.00	A 215	L	NBR	Venturi
6918	50.50	66.00	3.0/6.0	A 337	L	NBR	Venturi
6920	44.45	60.30	11.13	Mx-R	H	ACM	Falcon - Distribución
6921	108.05	142.88	13.00	Kz	L	NBR	Ford
6922	109.00	152.40	20.00	A 048	L	NBR	Helvética
8001	98.42	130.00	19.00	Lx	L	NBR	Deutz
8002	80.00	100.00	13.00	Lz-R	AH	ACM / FPM	Dacia - Nissan - Renault - Bancada
8003	30.00	40.00	7.00	Lx-R	H	ACM	Renault 18- Bomba de Aceite
8004	26.00	42.00	8.0/17.0	A 040	L	NBR	Dacia - Renault 18-Caja de Vel.
8005	70.00	95.00	14.00	A 139	L	NBR	Massey Ferguson
8006	35.00	50.00	10.00	Mx-R	H	ACM / FPM	Renault 1.4-1.6 /Escort -Gol -Mot. CHT- Distrib.
8007	115.00	140.00	16.00	Mx-R	AH	ACM	Deutz - Dodge - Bancada
8008	40.00	52.00	9.00	Lx	Bidi	NBR / ACM	Ford - VW - Salida Semieje
8009	79.00	95.25	11.11	Mx-R	AH	ACM / FPM	Ford Sierra 1.6-Fiesta/Ka 1.3-Fiesta Diesel 1.8 - Mazda - Banc.
8010	92.00	108.00	9.80	Lx-R	AH	ACM / FPM	Ford Sierra 2.3 -Taunus 83 en adel.
8011	43.00	62.00	12.00	Mx	Bidi	ACM	Ford Sierra - Diferencial
8012	23.00	35.00	6.00	Lx	L	NBR	Fiat - 128 - Europa
8013	40.00	75.00	12.00	A 050-R	H	ACM	Ford Sierra - Piñon
8014	45.00	76.00	9.00	Lz	L	NBR	Bernardin
8015	55.00	76.00	9.00	Lz	L	NBR	Bernardin
8016	32.00	62.00	3.0/7.5	A 038	L	NBR	Sacapaja Vasalli
8017	17.00	30.00	5.0/8.0	Mr	L	NBR	Industrial
8018	66.00	85.00	10.00	Lz-R	AH	MVQ	Zanella VM
8019	80.00	100.00	7.00	Lz	L	NBR / MVQ	Gherardi
8020	47.62	73.06	12.70	A 187	L	NBR	F 100-Rueda Tras. Interior
8021	85.00	105.00	9.70	Mz-R	AH	ACM	M. Benz 1521
8022	56.00	75.00	7.50	Mz-R	H	NBR	M. Benz-Magirus Deutz
8023	15.00	30.00	6.35	Mx	L	NBR / ACM	Industrial
8024	30.00	45.00	8.00	Lz-R	H	ACM / FPM	Zanella "UP" 100 - Isuzu A. de levas
8025	55.00	72.00	10.00	Lz-R	H	MVQ	Zanella
8026	69.85	95.50	16.0/18.0	A 135	L	NBR	Industrial
8027	69.85	95.50	16.0/18.0	A 338	L	NBR	Industrial
8028	53.06	69.04	10.32	A 248	L	NBR	Arado Hurci
8029	42.86	59.13	12.70	A 248	L	NBR	Arado Hurci
8030	60.32	85.70	12.70	Lx	L	NBR / MVQ	Massey Ferguson
8031	45.00	68.00	12.00	Lx-H	H	NBR / ACM	Toyota Motor 18R
8032	45.00	60.00	10.00	Lx-R	H	ACM	Borgward-Peugeot-Rastrojero
8033	125.00	160.00	12.00	Lz	L	NBR	Tractor Fiat
8034	28.13	42.50	9.00	Lx	L	NBR	Borgward
8035	21.70	35.00	11.00	Lx	L	NBR	Borgward

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8036	28.57	38.12	6.35	Lz	L	NBR / MVQ	Bomba CAV
8037	34.93	47.65	6.35	Lx	L	NBR / MVQ	Ford
8038	42.00	56.00	7.00	Lx-R	H	ACM	Ford Sierra-Distribución
8039	10.00	19.00	6.50	Lz	L	NBR	Sistema Vigía
8040	75.00	90.00	10.00	Lx	L	NBR / ACM	Scania
8041	70.00	85.00	8.50	Mx	L	NBR	Scania
8042	80.00	100.00	13.00	Mx	L	NBR	Scania
8043	32.00	52.00	11.00	Lx	L	NBR	Toyota Célica
8044	50.00	70.00	9.00	Mx	L	NBR / MVQ	Garro Fabril - Toyota Pick Up
8045	38.00	58.00	11.00	Mx	L	NBR	Toyota Pick Up-cola caja
8046	39.00	74.00	11.00	Lx	L	NBR / MVQ	Toyota Pick Up
8047	52.00	65.00	9.00	Mx	L	NBR	Toyota Célica
8048	45.00	64.00	9.00	Lx	L	NBR	Kombi Imp. Volkswagen
8049	15.00	24.00	7.00	Lx	L	NBR / MVQ	Ford - Volkswagen - Caja de vel.
8050	44.50	62.00	10.00	Lx	L	NBR	Volkswagen
8051	75.00	100.00	17.00	Lx	L	NBR	Fiat Tractor
8052	70.00	100.00	12.00	Mx	L	NBR	Fiat Camión
8053	50.00	68.00	8.00	Lx-R	H	ACM	Scania - Transmision
8054	130.00	160.00	15.00	Lx-R	AH	ACM / FPM	Scania Vabis
8055	32.00	48.00	7.00	Lx-R	H	ACM	Daihatsu
8056	30.00	55.00	12.00	Lx-H	H	NBR	Daihatsu
8057	75.00	100.00	12.00	Lx-R	AH	MVQ	Toyota Célica
8058	38.00	58.00	11.00	Lx-R	H	NBR / ACM	Toyota Célica
8059	58.00	74.00	10.00	Lx-Hel	AH	ACM / FPM	Daihatsu
8060	40.00	62.00	12.00	Lx-R	H	NBR	Borgward
8061	33.00	52.00	10.00	Lx-H	AH	NBR	Borgward
8062	36.00	54.00	11.00	Lx	Bidi	NBR	Renault 12-Caja de Vel.
8063	7.90	14.60	5.00	Lt	L	NBR	General Motors - Opel
8064	25.00	38.00	7.00	Lx-R	H	NBR	Toyota Célica
8065	14.00	32.00	7.00	Lx	L	NBR	Sistema Vigía - MB
8066	80.00	100.00	12.00	Mx-R	H	ACM	Scania
8068	25.00	45.00	10.00	Mz-R	H	ACM	Deutz - Lada
8069	22.20	40.00	12.0/17.0	A 148-R	H	ACM	Volkswagen
8070	60.32	79.35	11.00	Mz-H	H	NBR/MVQ/ACM	Perkins - Dodge - Ford
8071	30.00	46.00	8.00	Lx-R	H	ACM / FPM	Subaru - Mitsubishi Lancer 1.5
8072	45.00	62.00	10.00	Lz-R	AH	NBR	Deutz
8073	20.00	35.00	7.0/10.6	A 117-H	H	NBR / ACM	Ford - Volkswagen-Caja de Vel.
8074	96.00	114.30	12.00	Mx-R	AH	ACM	Fiat 619
8075	60.00	78.0/82.0	9.00	A 153-R	AH	MVQ	Mitsubishi L 100
8076	72.00	96.00	9.00	Lx-R	AH	ACM / FPM	Hyundai - Mitsubishi L 200 - Bancada
8077	76.20	101.80	11.00	Mx-H	H	ACM	Fiat 619
8079	41.00	53.00	7.00	LMx	L	NBR	Toyota Célica
8080	135.00	168.00	10.0/12.5	Lx-R	AH	ACM / FPM	Perkins 6-354
8081	25.00	35.00	8.00	Lr	L	NBR	Fiat 619
8082	50.00	68.00	9.00	Mx	L	NBR	Toyota Pick Up
8083	48.00	62.00	7.00	Mx	L	NBR	Toyota Célica
8084	60.00	70.00	9.10	A 155	L	NBR	Renault - Trafic
8086	38.00	58.50	7.00	Lz	Bidi	NBR	Ford - Corcel Escort
8087	82.00	105.00	12.00	Lx-R	AH	FPM	Ford - Corcel Escort- Gol-Saveiro Motor CHT
8088	50.80	65.08	12.70	Mx	L	NBR	Pick Up C-10 - C 20 - Veraneio
8089	41.00	65.40	13.00	Mx	L	NBR	Pick Up C-10 - C 20 - Veraneio
8090	19.00	33.30	7.80	Mx-R	H	NBR	Renault 18 - Direc.
8091	32.00	50.00	10.00	Lx-R	H	NBR/MVQ/ACM/FPM	Peugeot 505 - Directa 5 Vel.
8092	35.00	52.00	8.50	A 046	L	NBR	Sembradora Gherardi
8093	99.00	172.00	20.00	A 049	L	NBR	Acoplado Salto
8094	13.00	27.00	7.50	Lz	L	NBR	Alladio N° 909
8095	19.00	33.80	12.20	A 138	L	NBR	Alladio N° 1004
8096	-	-	5.0/14.0	A 052	L	NBR	Servo Freno-M. Benz
8097	70.00	85.00	8.00	Mz-R	AH	ACM / FPM	Fiat Duna-147 Diesel 1.3- Bancada
8098	85.70	100.00	5.30	Lx-R	AH	ACM / FPM	Falcon-Reforma Bancada
8099	65.00	85.00	12.00	A 257-H	H	ACM	Deutz 913 - Dodge - Distribución
8101	120.00	140.00	13.00	Mx	L	NBR / ACM	Clark - Fiat 673 - Magirus Deutz
8102	132.00	152.00	13.00	Mx	L	ACM	Fiat 673 N - 673 T
8103	143.40	170.00	13.00	Mx	L	ACM	Fiat 619 - 643 - 697
8104	90.00	110.00	10.00	Lz	L	NBR / MVQ	Pegaso

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8105	45.00	60.00	7.00	Lx	L	NBR / MVQ	M. Benz 1112/14-1214
8106	45.00	60.00	7.00	Lz	L	NBR / FPM	Scania - M. Benz
8107	28.00	46.80	5.85	A 044	L	NBR	Renault 18 - Direc. Hid.
8108	24.00	36.00	7.00	A 100	L	DUREZA 85	Renault 18 - Direc. Hid.
8109	24.00	34.40	15.0/19.5	A 110	L	DUREZA 85	Renault 18 - Direc. Hid.
8110	12.70	25.40	6.50	Lz-R	AH	ACM	Renuault 18-Distribuid.-Argelite
8111	16.00	35.00	12.00	A 094	L	NBR	M. Benz L 312-L911/317
8113	50.80	65.05	9.00	Lx	L	NBR	Ford - M. Benz L 1112-L1114
8114	28.00	55.60	10.00	Lz	L	NBR	M. Benz L 1112-L1114
8116	33.00	50.00	6.00	Lz	L	NBR	M. Benz L 608
8117	33.00	50.00	8.00	Mz	L	NBR	M. Benz L 608
8118	17.00	28.50	6.00	Lx	L	NBR	Fiat 697 - 619
8119	28.00	45.00	8.00	Lx-R	H	NBR / ACM	Peugeot 505 - Piñon
8120	28.58	41.20	6.20	Mx-R	H	NBR / ACM	F 100-Caja de Vel. - Directa
8121	50.80	69.85	9.50	Lz-R	H	ACM	Perkins 6-305 - Bedford
8122	145.00	170.00	15.0/20.0	A 203	L	NBR / ACM	Scania K 112
8123	340.00	380.00	12.00	Lz	L	NBR	Bernardín
8124	90.00	120.00	13.00	Lx-R	AH	NBR/ACM	Borgward - M. Benz
8125	28.00	42.00	7.00	Lx	L	NBR	Plataforma Gema
8126	56.00	85.00	10.0/11.0	A 101	L	NBR	Fiat Tractor
8127	50.00	82.00	10.0/11.0	A 101	L	NBR	Fiat Tractor
8128	53.00	68.00	10.00	Lz	L	NBR	Fiat
8129	44.20	60.00	7.00	Lx-R	H	ACM / FPM	Hyunday - Mitsubishi L200 - Distribucion
8130	35.00	50.00	8.00	Lx-R	H	ACM / FPM	Mitsubishi L100 - Escort Motor Zetec 16 Val.-CHT - Renault - VW
8131	16.00	29.0/51.0	7.80	A 084	L	NBR	Surtidor Siam
8132	120.00	146.00	12.00	Lx	L	NBR	Scania BR 116
8133	42.78	63.66	48.60	A 041	L	NBR	Dodge - Valiant
8134	-	-	20.00	A 042	L	NBR	Eaton - M. Benz
8135	49.00	CI 75.50	23.50	A 092	L	NBR	Ranger - Importada
8136	45.00	62.00	12.00	Lx	L	NBR	Hanomag - Garro Fabril - Peugeot - Rueda Tras.
8137	4.80	14.30	6.50	Lt	L	NBR	Vigía
8138	68.00	102.00	24.50	A 093	L	NBR	Ref.Cardan M. Benz 1521
8139	48.00	80.00	12.00	Lx	L	NBR	Garro Fabril
8140	40.00	72.00	11.50	Lx	L	NBR	Garro Fabril
8141	215.00	240.00	12.00	Lz	L	NBR	Industrial
8142	230.00	255.00	10.00	Lz	L	NBR	Industrial
8143	165.10	203.25	25.40	Lx	L	NBR	Le Torneau - Golondrina
8144	85.73	114.26	15.87	Lz	L	NBR	Austin
8145	114.30	139.70	14.28	Lz	L	NBR	Fargo
8146	85.00	105.00	13.00	Lz	L	NBR	International
8147	52.24	82.55	12.70	Lz	L	NBR	International
8148	45.00	80.00	9.50	Lx	L	NBR	Garro Fabril
8149	27.95	56.00	10.00	Lx-R	H	NBR / ACM	Renault 11
8150	19.00	35.0/60.5	11.00	A 084	L	NBR	Siam
8151	24.00	37.00	5.00	A 012	L	NBR	Industrial
8152	40.00	80.00	12.00	Lx	L	NBR	Garro Fabril
8153	55.00	85.00	12.00	Lx	L	NBR / MVQ	Industrial
8154	60.00	75.00	8.00	Lx	L	NBR	Industrial
8155	50.80	-	14.28	A 141	L	NBR	Ika - Willys
8156	25.40	38.07	6.66	Mx	L	NBR	John Deere
8157	70.00	115.00	15.00	A 312	L	NBR	Apache
8158	111.31	142.80	4.92	A 045	L	NBR	Difer. Doble Tracción Jeep
8159	38.54	50.80	8.0/9.9	A 097	L	NBR	Fiat - Bendix
8160	12.70	28.50	7.00	Lx	L	NBR	Industrial
8161	50.00	80.00	13.00	Lx	L	NBR	Garro Fabril
8162	50.00	72.00	10.00	Lx	L	NBR	Garro Fabril
8163	36.00	48.00	10.00	Lx	L	NBR / MVQ	Industrial
8164	19.00	28.67	5.50	Lz	L	NBR	Industrial
8165	15.87	28.55	5.50	Lz	L	NBR	Industrial
8166	17.00	35.00	7.00	Lx	L	NBR/MVQ/ACM	Industrial
8167	15.00	24.00	5.00	Lz	L	NBR	Zanella
8168	24.50	47.00	7.0/11.0	A 135	L	NBR	Industrial
8169	Estrias	50.00	14.00	A 063	L	NBR	Industrial
8170	15.87	28.55	5.00	Mz	L	NBR	Industrial
8171	76.20	101.68	12.70	A 183	L	NBR	Industrial

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8172	7.90	14.30	5.00	Lt	L	NBR	Vigía
8173	66.68	92.03	11.90	A 183	L	NBR	Industrial
8174	66.00	90.00	24.00	A 060-H	H	MVQ	Hanomag
8175	165.00	200.00	15.0/17.0	A 001	L	NBR	Industrial
8176	110.00	140.00	13.00	Mx	L	NBR	M. Benz
8177	93.64	142.88	12.70	Mx	L	NBR	Bedford
8178	95.00	125.00	13.00	Mx	L	NBR	Deutz - M. Benz
8179	95.00	130.00	12.00	Mx	L	NBR	M. Benz - Austin
8180	65.00	90.00	13.00	Mx	L	NBR	M. Benz - Deutz
8181	110.00	162.00	13.0/18.5	A 157	L	NBR	Zanello
8182	24.00	36.00	5.5/7.0	A 058	L	NBR	Gherardi
8183	151.20	174.80	12.00	Lz	L	ACM	Fhar - Bancada
8184	90.00	110.00	14.00	Mx	L	NBR	Scania
8185	80.00	110.00	10.00	Lx	L	NBR	Scania
8186	45.00	65.00	9.00	Mx-H	H	NBR / ACM	Scania
8187	38.00	52.00	7.00	Mz	L	NBR	Scania
8188	12.00	22.00	6.00	Lx	L	NBR	Scania
8189	24.00	47.00	10.00	Lx	L	NBR	Apache - Scania - Motos
8190	39.00	62.00	9.50	Lz	L	NBR	Scania
8191	44.00	65.00	8.00	Lz-R	H	NBR	Scania
8192	24.00	35.00	7.00	Mt	L	NBR	Scania
8193	150.81	177.80	12.70	Lz	L	NBR	Scania
8194	35.00	62.00	7.00	Lx	L	NBR	Garro Fabril - Scania - Motos
8195	14.00	26.00	8.00	Lx	L	NBR	Industrial
8196	30.00	38.00	5.00	Lt	L	NBR	Industrial
8197	19.00	33.06	6.50	Ls	L	NBR	Caja de Direccion
8198	28.46	36.50	5.50	Ls	L	NBR	Caja de Direccion
8199	22.00	31.00	7.00	Lx	L	NBR	Industrial
8200	41.00	50.00	5.00	Lt	L	NBR	Industrial
8201	51.00	61.00	5.50	Lz	L	NBR	Industrial
8202	73.02	95.27	12.70	Mx	L	NBR	John Deere
8203	66.72	92.02	12.70	Mz	L	NBR	John Deere
8204	50.80	61.36	9.52	Mz	L	NBR	John Deere
8205	102.00	124.00	10.00	Lx	L	NBR	John Deere
8206	55.00	78.00	12.00	Mz	L	NBR	Mazda
8207	48.00	70.00	9.00	Lx	L	NBR / MVQ	Asia - Mazda - Rueda
8208	45.00	63.00	7.00	Lx	L	NBR	Daihatsu
8209	30.00	41.00	10.00	Mx-R	AH	NBR	Daihatsu
8210	17.00	23.00	4.00	Lt	L	NBR	Daihatsu
8211	100.00	120.00	15.00	Lx	L	MVQ / FPM	Deutz
8213	80.00	105.00	13.00	Lx-R	AH	ACM / FPM	Mazda
8214	48.00	70.00	12.00	Lx-R	H	MVQ	Mazda
8215	40.00	54.00	5.00	Mx	L	NBR	Mazda
8216	42.00	53.00	8.00	Mx	L	NBR	Mitsubishi
8217	76.00	93.00	10.00	Lx-H	AH	ACM / FPM	Subaru
8218	57.00	77.00	10.00	Lx-R	AH	ACM / FPM	Subaru - Bancada
8219	38.00	59.00	9.00	Lx-R	H	ACM	Subaru - Bancada
8220	70.00	88.00	12.00	Lx-R	AH	ACM / FPM	Mazda - Ford Laser
8221	51.00	63.00	6.00	Ms	L	NBR	Mazda - Ford Laser
8222	40.00	75.00	12.00	Lx	L	NBR	Mazda
8223	36.00	52.50	11.50	Lz	L	NBR	Bernardin
8224	53.98	92.08	9.52	Lx	L	NBR	Dodge - Cadillac
8225	105.00	130.00	18.00	A 123	L	NBR	Deutz
8226	24.00	35.50	5.5/7.0	A 058	L	NBR	industrial
8227	51.00	68.00	9.50	Lz	L	NBR	Industrial
8228	30.00	40.00	7.00	Lx	L	NBR	Valmet - M. Benz
8229	39.42	63.55	12.70	Lx	L	NBR / MVQ	Industrial
8230	15.00	22.00	4.50	Ls	L	NBR	Industrial
8231	13.50	28.50	7.00	Lz	L	NBR	Alladio
8232	47.62	88.87	17.00	Lx	L	NBR	Chrysler - Dodge
8233	45.00	65.00	10.00	Lx	L	NBR / MVQ	Deutz - Garro Fabril - Daihatsu - Toyota
8234	35.00	58.00	12.00	Lx	L	NBR / MVQ	Toyota
8235	100.00	130.00	12.00	Lx	L	NBR	Tractor Fiat - MB rueda
8236	90.00	115.00	13.00	Lx	L	NBR	Deutz
8237	85.70	102.62	9.73	Lx-H	AH	ACM / FPM	Ford Falcon - Pick Up Ford

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

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Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8238	148.00	170.00	15.00	Lx-H	H	NBR	Maldonado - Rueda Der.
8239	148.00	170.00	15.00	Lx-R	AH	NBR	Maldonado - Rueda Izq.
8240	68.00	80.00	8.00	A 062	L	NBR	Scania
8241	24.00	37.00	5.5/7.0	A 058	L	NBR	Gherardi
8242	73.00	95.00	8.00	Lx	L	NBR	Maquinas Agrícolas
8243	40.00	-	21.00	A 093	L	NBR	Reforma Cardan
8244	70.00	115.00	10.00	Lx	L	NBR / MVQ	Montenegro
8245	13.00	27.00	5.00	Lt	L	NBR	Industrial
8246	20.00	31.85	8.00	Mx-R	H	NBR	industrial
8247	35.00	62.00	10.00	Lx-R	H	NBR / MVQ	Scania
8248	31.00	47.00	7.00	Lx	L	NBR	CNH Latino America
8249	60.00	115.00	10.00	Lx	L	NBR	Montenegro
8250	27.00	42.82	6.35	Lz	L	NBR	Industrial
8251	54.00	73.50	8.00	Lx	L	NBR	Jeep 4 x 4
8252	20.00	42.00	7.00	Lx	L	NBR	Zanella
8253	28.00	56.00	8.00	A 106	L	NBR	Honda 100
8254	22.00	33.00	7.00	Lx	L	NBR	Honda 200
8255	26.00	38.00	5.00	Lx	L	NBR	Garro Fabril - Yamaha
8256	17.00	25.00	4.00	Lt	L	NBR	Yamaha
8257	4.80	22.00	7.00	Ls	L	NBR	Yamaha - Vigía
8258	28.00	40.00	8.00	Lr	L	NBR	Yamaha
8259	15.00	25.50	7.00	Lx	L	NBR	Honda Express
8260	9.50	16.00	4.00	Ls	L	NBR	Honda Express
8261	66.70	101.60	17.40	A 111	L	NBR	Industrial
8262	59.00	85.60	17.50	A 111	L	NBR	Industrial
8263	49.00	76.00	17.40	A 111	L	NBR	Industrial
8264	54.10	73.00	8.50	Mx	L	NBR	Industrial
8265	47.60	80.25	6.5/16.5	A 109-R	H	NBR	Ford 4000 - GM - Piñon
8266	52.40	74.70	8.40	A 101	L	NBR	New Holland - Ford 6600 - Rueda Delant. Tractor
8267	44.40	54.00	8.00	LMx	L	NBR	Dodge Polara - Cubo de rueda
8268	82.50	114.30	12.70	Kx	Bidi	NBR	Ford 4000
8269	73.00	101.60	11.00	Mx	Bidi	NBR	Massey Ferguson
8270	17.00	30.00	7.00	Lx	L	NBR/MVQ/ACM	Garelli 50 - Bancada
8271	74.00	90.00	10.00	Mx-R	AH	ACM / FPM	Regatta 2000-100S / Palio Siena-Duna- 1.7 D-TD
8272	18.00	30.00	7.00	Lx	L	NBR	Industrial
8273	31.50	52.40	10.00	Mx	L	NBR	Agrícola
8274	56.00	80.00	10.00	Lx-R	H	ACM	Borgward - Distribución
8275	16.00	26.0/36.0	12.00	A 082	L	NBR	Renault 11 - Caja de Vel.
8276	76.00	98.50	10.00	Lx-R	AH	MVQ	Vauxhall - Bancada
8277	10.00	26.00	8.00	Lx	L	NBR	Industrial
8278	50.00	62.00	7.00	Lz	L	NBR	Subaru - Rueda Del. Exterior
8279	52.00	72.00	7.5/16.0	A 056	L	NBR	Subaru - Rueda Del.
8280	17.00	30.40	6.00	Lx	L	NBR	Bancada Sachs
8281	55.00	80.00	11.0/14.5	Mx	L	NBR	Toyota
8282	127.00	165.10	16.00	Kz	L	NBR	Caterpillar
8283	18.00	26.00	6.0/9.5	A 090	L	NBR	Industrial
8284	14.00	35.00	8.00	Lz	L	NBR	Industrial
8285	95.00	135.00	13.00	Lx	L	NBR	Industrial
8286	44.00	62.00	8.0/14.0	A 057	L	NBR	Suzuki - Rueda Del.
8287	53.00	68.20	7.00	Lx	L	NBR	Suzuki - Cultus Rueda Del.
8288	54.00	65.00	13.00	Mx	L	NBR	Nissan - Cedric - Rueda Del.
8289	52.00	68.00	13.00	A 162	L	NBR	Nissan Sunny - Rueda Del.
8290	50.00	67.00	8.00	Lx	L	NBR	Nissan - Rueda Del.
8291	38.00	73.95	11.00	Mx-R	H	NBR	Toyota - Piñon
8292	39.42	80.20	6.4/11.8	A 054	H	NBR	G.M.C. - Ford - Piñon
8293	25.00	41.40	6.00	Lx	L	NBR	Industrial
8294	45.00	75.00	12.00	Lx	L	NBR	Industrial
8295	22.00	32.00	4.50	Lx	L	DUREZA 85	Kawasaki Z 200 - Siambretta - Dir. Hidraulica
8296	45.00	72.00	12.00	Lx	L	NBR	Garro Fabril - Daihatsu - Piñon
8297	17.00	28.00	5.00	Mx	L	NBR	Sthil - Motosierra
8298	15.00	32.00	7.00	Lx	L	NBR / MVQ	Industrial
8299	150.00	180.00	10.00	Lz	L	NBR	Industrial
8300	30.00	46.00	8.00	Lx	L	NBR	Honda
8301	150.00	180.00	15.00	Mx	L	NBR	Deutz
8302	35.00	49.00	6.00	Lx	L	NBR/MVQ/ACM	Industrial

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8303	46.00	65.00	16.00	A 064	L	NBR	Ford - Massey Ferguson
8304	45.00	CI 84.80	21.00	A 214	L	NBR	Bedford
8305	57.00	CI 84.80	21.00	A 214	L	NBR	Fiat
8306	57.00	76.00	9.00	Lz	L	NBR	Industrial
8307	46.00	63.00	9.00	Mx	L	NBR	Industrial
8308	63.50	84.10	9.50	A 098	L	NBR	Ford 250 - Rueda Tras.
8309	80.00	130.20	12.0/20.0	A 059	L	NBR	Volvo - Piñon
8310	75.00	CI 110.00	23.50	A 265	L	NBR	M. Benz 1526-Reforma
8311	80.00	96.00	9.00	Lx-R	AH	ACM / FPM	Hyundai - Mitsubishi L 200 -Bancada
8312	55.00	70.00	6.0/9.5	A 109	L	NBR	Escort - Rueda Del.
8313	22.20	34.90	6.35	Lz	L	NBR	Perkins - Bomba C.A.V.
8314	57.60	70.00	10.00	Lx-H	AH	ACM	Citröen Visa -Bancada
8315	150.81	177.80	12.50	Lx	L	NBR / ACM	Scania - Eje Trasero
8316	98.50	144.45	19.00	Kz	L	NBR	Ford - General Motors
8317	125.00	150.00	15.00	Kx	L	NBR	M. Benz 1526-Rueda Tras.
8318	14.00	24.00	6.00	Lx	L	NBR	Scar 546 -Yamaha 125
8319	140.00	165.00	13.0/16.5	A 090	L	NBR	Massey Ferguson
8320	14.00	28.00	7.00	Lx	L	NBR	Industrial
8321	32.00	45.00	7.0/8.0	A 135	L	DUREZA 85	Direc. Hidráulica
8322	19.00	32.00	7.00	Lx	L	DUREZA 85	Direc. Hidráulica
8323	48.00	80.00	10.00	Lx	L	NBR	Tolva Vasalli
8324	175.00	215.00	16.00	Lz	L	NBR	Industrial
8325	50.00	65.00	10.00	Lx	L	NBR	Fiat Someca - Ford Rueda
8326	31.75	44.50	6.35	Ms	L	NBR	Industrial
8327	17.00	30.00	5.00	Lx	L	NBR	Motos
8328	44.00	58.00	7.00	Mz	L	NBR	Volvo - Frenos
8329	36.00	46.00	5.0/9.0	A 004	L	NBR	Industrial
8330	19.00	35.00	8.00	Lx	L	DUREZA 85	Dirección Hidráulica
8331	20.00	32.00	7.00	Lx	L	NBR	Dirección Hidráulica
8332	33.00	46.00	8.00	Lx	L	DUREZA 85	Dirección Hidráulica
8333	46.00	65.50	7.00	Lx	L	NBR	Ford Corcel
8334	52.40	76.20	7.90	Mz	L	NBR	Ford 4000 - Rueda Del.
8335	28.00	40.0/46.0	8.00	A 170	L	MVQ	Colectivo
8336	22.00	32.20	7.0/11.0	A 090	L	NBR	industrial
8337	66.68	115.88	21.50	A 024	L	NBR / FPM	Zanella
8338	40.00	116.00	13.0/17.0	A 135	L	NBR	Zanella
8339	100.00	162.00	13.0/17.5	A 157	L	NBR	Zanella
8340	50.00	65.00	10.00	Lz-R	H	ACM	Tractor Zanella
8341	55.00	80.00	13.0/18.0	A 151	L	NBR	Schiarre - Bancada Caja
8342	35.00	52.00	9.00	Lx	L	NBR	Apache - Garro Fabril
8343	63.00	90.00	7.70	A 099	L	NBR	Agricola
8344	50.00	80.00	10.0/10.5	A 114	L	NBR	Industrial
8345	69.85	111.02	19.05	A 135	L	NBR	Máquina Agrícola
8346	80.00	105.00	13.00	Lx	L	NBR	Industrial
8347	20.00	30.00	7.00	Lx	L	NBR	Deutz
8348	22.00	35.00	8.00	Lx	L	DUREZA 85	Industrial
8349	25.00	41.00	8.00	Lx	L	DUREZA 85	Industrial
8350	27.00	38.00	7.00	Lx	L	DUREZA 85	Industrial
8351	30.00	45.00	8.00	Lx	L	NBR	Motos - Toyota
8352	33.00	59.00	11.00	Lx	L	NBR	Industrial
8353	32.00	44.00	9.00	Mz	L	NBR	Industrial
8354	39.00	50.40	8.50	A 235	L	NBR	Ford Festiva - Rueda Tras.
8355	55.00	90.00	12.50	Kz	L	NBR	Baldan - Marchesan - Rueda
8356	20.00	34.80	3.0/10.0	A 119	L	DUREZA 85	Amortiguador
8357	20.50	41.20	5.00	Mx	L	NBR	Maquinas Agricolas
8358	71.00	88.00	8.00	Lx	L	NBR	Industrial
8359	72.00	100.00	9.00	Lx	L	NBR	Industrial
8360	18.00	33.30	8.00	Mx	L	DUREZA 85	Dirección Hidráulica
8361	25.00	37.00	7.00	Lx	L	DUREZA 85	Dirección Hidráulica
8362	29.00	47.00	6.00	Lx	L	DUREZA 85	Dirección Hidráulica
8363	86.00	121.00	13.00	Lx	L	NBR	Camion Ford - Importado
8364	17.00	40.00	7.0/12.0	A 249	L	NBR	Bomba Centrífuga
8365	65.00	90.00	10.00	Lx	L	NBR / MVQ	Industrial
8366	21.00	39.60	10.00	Lz	L	DUREZA 85	Venturi
8367	20.00	39.80	6.50	Lx	L	DUREZA 85	Venturi

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8368	25.40	35.15	3.8/7.5	A 323	L	DUREZA 85	Venturi - Ford
8369	22.00	31.95	3.0/6.5	A 323	L	DUREZA 85	Venturi - Ford
8370	27.00	39.00	5.00	Lz	L	DUREZA 85	John Deere - Siembra Directa
8371	42.00	72.00	10.00	Lx	L	NBR	Apache - Fabimag - Garro Fabril
8372	30.00	38.00	5.00	Ls	L	NBR	Apache - Garro Fabril
8373	35.00	62.00	12.00	Lx	L	NBR	Garro Fabril
8374	30.16	61.90	10.00	Lx	L	NBR	Garro Fabril
8375	17.00	35.00	7.00	Mx	L	NBR	Industrial
8376	45.00	60.00	7.00	Lx-R	H	ACM	Peugeot Diesel
8377	80.00	120.00	14.00	Lx	L	NBR	Máquina Agrícola
8378	73.00	116.00	17.00	A 061	L	NBR	industrial
8379	22.00	36.00	10.0/15.0	A 090	L	DUREZA 85	Amortiguador
8380	20.00	34.00	10.0/15.0	A 090	L	DUREZA 85	Amortiguador
8381	51.00	63.00	8.70	Ms	L	NBR	Ford Festiva - Kia - Rueda Del. Exterior
8382	52.00	68.00	7.0/13.0	A 190	L	NBR	Ford Festiva - Kia - Rueda Del. Interior
8383	50.00	85.00	10.00	Lx	L	NBR	Garro Fabril
8384	17.00	32.00	7.00	Lx	L	DUREZA 85	Industrial
8385	140.00	168.00	15.00	Kx	L	NBR	Kamaz - Rueda Tras.
8386	75.00	121.00	13.00	Lx	L	NBR	Asia - Rueda Tras.
8387	19.00	33.30	7.80	Lx	L	DUREZA 85	Direccion Hidraulica
8388	82.00	105.00	13.00	A 082-H	AH	ACM / FPM	Isuzu - Bancada
8389	8.00	19.00	5.00	Lt	L	NBR	Industrial
8390	16.00	26.00	5.00	Lx	L	NBR	Industrial
8391	19.00	27.00	5.00	Lt	L	NBR	Industrial
8392	25.00	35.00	5.00	Lx	L	NBR / ACM	Industrial
8393	66.68	89.05	12.70	Mx	L	MVQ	Ford 600 y 700
8394	28.00	47.00	7.00	Lx	L	NBR	Fabimag - Motos
8395	130.00	154.00	16.00	Kx	L	NBR	Kamaz - Rueda Del.
8396	31.50	52.00	8.50	Mx	L	NBR	Bertini - Garro Fabril
8397	15.87	35.02	9.52	Lt	L	NBR	Industrial
8398	55.00	72.00	7.50	Lx	L	NBR	Industrial
8399	38.00	50.00	6.00	Lx-R	H	ACM / FPM	Citroen - Peugeot - A. de levas - Toyota - Distribución
8400	20.00	32.00	6.00	Lx-H	H	ACM	Toyota - Distribución
8401	18.00	32.00	7.00	Lx	L	DUREZA 85	Dirección Hidráulica
8402	36.00	50.00	8.00	Lx-R	AH	ACM / FPM	Nissan-Arbol de Levas-Parte Tras.
8403	38.00	58.00	8.50	Lx-R	H	ACM	Toyota - Distribución
8404	52.00	68.00	7.5/12.5	A 103	L	NBR	Toyota-Rueda Delant. Exterior
8405	56.00	75.00	8.0/12.5	A 103	L	NBR	Toyota-Rueda Delant. Interior
8406	39.42	80.27	14.25	A 055-R	H	NBR	Dodge - Ford - GM - Ika - VW - Piñon
8407	107.95	152.53	23.00	A 234	L	NBR	Opcional de 6766 para grasa
8408	44.20	71.45	14.80	A 224-H	H	NBR	C10 C20 D20 Veraneio - Ford - Piñon
8409	45.00	73.10	13.00	A 113	Bidi	NBR	C10 C20 D 20 - Ford F100 - F150 - Eje Tras.
8410	54.00	85.09	11.90	Lx	L	NBR	Erca - Forte
8411	22.22	61.00	9.52	A 078	L	NBR	Volcadora Baco
8412	30.00	43.00	8.00	Mz-R	H	ACM / FPM	Duna-Tempra-Ducatto-Palio-Siena-Dist M. 1.7/1.9
8413	60.40	79.35	9.30	A 156-R	H	ACM	GM C10/C20 - Ford - Perkins-Distr.
8414	20.00	31.00	7.00	Mz	L	NBR	Eje Com. Bomba Inyec. GM - MB
8415	42.00	58.00	7.00	Mz	L	NBR	M. Benz - Freno
8416	19.30	29.10	6.40	Lz	L	NBR	GM - Toyota - Sinfin TRW
8417	21.50	40.00	7.00	Lz-H	H	NBR / ACM	Escort - Directa
8418	40.00	55.00	9.50	Mx	Bidi	NBR	Escort - Semi eje
8419	46.30	66.60	6.40	Mz	L	NBR	F 100 Diesel-Rueda Del.
8420	78.00	100.00	13.00	Lx-R	H	FPM	F 100 Diesel-Dist. Motor MWM
8421	110.00	130.00	13.00	Lx-R	AH	FPM	F 100 Diesel-Banc. Motor MWM
8422	32.00	47.00	10.00	Lx	Bidi	ACM / FPM	Ford - Seat - VW - Motor Audi-Distribucion- A. de Levas
8423	42.00	55.00	9.00	Mx	L	NBR	M. Benz-Zapata eje freno
8424	127.00	192.00	14.0/18.5	A 085	L	NBR	Zanella - Rueda
8425	22.00	36.00	7.5/11.50	A 090	L	DUREZA 85	Amortiguador
8426	56.00	73.00	8.0/12.5	A 103	L	NBR	Toyota-Rueda Del. Interior
8427	52.00	66.00	7.5/12.0	A 103	L	NBR	Toyota-Rueda Del. Exterior
8428	120.50	152.40	15.0/22.8	A 124	L	NBR / MVQ	Deutz - Rueda
8429	90.00	110.00	11.00	Lx-R	AH	FPM	Asia - Kia - Peugeot 405 - Bancada
8430	20.00	35.50	9.60	A 116	L	DUREZA 85	Amortiguador (ex 231)
8431	35.00	62.00	3.0/8.0	A 038	L	NBR	Saca paja Vasalli (nueva) (ex- 068)
8432	20.00	35.90	9.60	A 119	L	DUREZA 85	Amortiguador (ex 021)

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8433	25.00	40.00	16.00	A 053	L	NBR	Imp. Agrícola (Mainero)
8434	35.00	63.00	16.00	A 053	L	NBR	Imp. Agrícola (Mainero)
8435	49.00	65.00	16.00	A 053	L	NBR	Imp. Agrícola (Mainero)
8436	35.00	72.50	16.00	A 053	L	NBR	Imp. Agrícola (Mainero)
8437	53.00	75.00	12.00	Kz	L	NBR	Tatu
8438	22.00	40.00	13.00	A 320	L	NBR	Lavarropas Aurora (ex 023)
8439	24.50	47.00	8.0/10.5	A 135	L	NBR	Lavarropas Aurora (ex 024)
8440	29.50	52.00	8.0/10.5	A 135	L	NBR	Lavarropas Aurora (ex 025)
8441	68.00	90.00	13.00	Mx	L	NBR	Industrial
8442	75.00	100.00	12.00	Kx	L	NBR	Industrial
8443	100.00	125.00	13.00	Kx	L	NBR	Industrial
8444	110.00	150.00	15.00	Kx	L	NBR	Industrial
8445	125.00	152.40	15.00	Kx	L	NBR	Industrial
8446	31.00	38.00	5.00	Ls	L	NBR	Industrial
8447	15.60	24.00	7.00	Lx	L	NBR	Industrial
8448	107.95	136.52	12.70	Kz	L	NBR	Hubber Warco - Yale
8449	35.00	54.00	10.00	Lz	L	NBR	Trafic - Piñón
8450	75.90	95.00	11.30	Lx-H	AH	ACM	Chevette - Bancada
8451	42.00	58.00	13.50	A 069	L	NBR	Trafic - Semi eje
8452	28.00	45.40	6.6/10.4	A 104	L	NBR	Renault 11 - Punta eje
8453	50.80	65.00	7.00	A 072	L	NBR	C10 C 20 - Rueda Del.
8454	14.00	50.90	45.80	A 037	L	NBR	Massey Ferguson
8455	35.00	72.00	12.00	Lx-H	H	NBR	Mainero
8456	35.00	62.00	10.00	Lx-R	AH	NBR	Mainero
8457	26.00	37.00	7.00	Lx	L	DUREZA 85	Dirección Hidráulica - MB
8458	24.00	40.00	7.00	Lx	L	NBR	Nissan - Caja Dirección
8459	32.00	48.00	8.00	Lx	L	NBR	Toyota - Caja Dirección
8460	48.00	82.00	12.00	Mx-R	H	NBR	Toyota - Piñón Dina
8461	24.00	41.00	8.50	Lx	L	DUREZA 85	Toyota - Caja Dirección
8462	56.00	73.00	10.00	Mx	L	NBR	Niva Lada-Rueda Del.
8463	24.00	43.00	8.00	Mx	L	DUREZA 85	Toyota - Caja Dirección
8464	36.00	50.00	6.50	Mx	L	NBR	Toyota - Caja Dirección
8465	17.00	28.00	8.00	Lr	L	DUREZA 85	Toyota - Caja Dirección
8466	36.00	52.00	10.00	Lx	L	NBR	Mitsubishi - Caja
8467	69.80	98.45	11.8/18.0	A 103-R	H	NBR	Ford - GM - VW
8468	50.00	75.00	10.00	Lx	L	NBR	Erca
8469	35.00	46.45	6.40	Lx	L	NBR	Ford New Holland - Caja Direc.
8470	63.00	90.00	17.00	A 111	L	NBR	Baldan
8471	68.00	90.00	13.00	Mx-H	H	NBR	Agrale - M. Benz - Piñón
8472	32.00	48.00	7.00	Lx	L	NBR	(Igual 8055) Sin Hélice
8473	68.00	90.00	10.00	Kx	L	NBR	Toyota Dyna - Rueda Del.
8474	145.00	175.00	14.00	Lx	L	NBR	M. Benz 1633 Rueda Tras.
8475	52.90	78.65	2.0/10.5	A 068	L	NBR	Peugeot - Pick-Up
8476	65.00	95.00	10.00	Lx	L	NBR	Industrial
8477	13.00	20.00	5.00	Mx	L	NBR	Toyota Jeep - Caja
8478	145.00	175.00	13.00	Kx	Bidi	NBR	M. Benz 1633
8479	17.00	24.00	5.00	Mx	L	NBR	Industrial
8480	52.00	68.00	13.50	Mx	L	NBR	Fiat Ducato - Rueda Tras.
8481	63.00	80.00	12.00	Mx	L	NBR	Fiat Ducato-Rueda Del.-Interior
8482	15.00	35.00	8.00	Lx	L	NBR	Ford Escort - Caja Direc.
8484	17.00	40.00	8.50	Lx	L	NBR	=6742 Mayor ajuste
8485	23.00	34.00	6.00	Lx	L	NBR	Ciclotomotor Jialing
8486	40.00	56.00	8.50	Lt	L	DUREZA 85	Ford - M.Benz -VW-Camiones
8487	48.00	58.00	4.00	Ls	L	NBR	Dacia - Rueda Tras.
8488	17.80	32.15	5.50	Ms	L	DUREZA 85	Gol-Saveiro-Galaxy -Caja Direc.
8489	45.00	62.00	8.00	Lt	L	DUREZA 85	Volvo-Fiat-M. Benz-Scania
8490	40.00	58.00	11.30	A 075	Bidi	NBR / ACM	Citroen - Peugeot 205-206-306-405- Salida semieje Izq.
8491	29.85	47.00	11.30	A 075	Bidi	NBR / ACM	Citroen - Peugeot 205-206-306-405- Salida semieje Der.
8492	69.00	85.00	10.00	Mx	L	NBR	Fiat Ducato - Peugeot Boxer - Rueda Del.-Exterior
8493	15.00	32.00	7.00	Lz	L	NBR	Industrial
8494	9.53	19.05	6.35	Lz	L	NBR	Industrial
8495	74.00	114.00	11.00	Kz	L	NBR	Marchesan-Maza disco de rueda
8496	12.50	-	-	A 147	L	DUREZA 85	Amortiguador
8497	90.00	123.00	22.00	A 088	L	NBR	Magirus Deutz - OA 101 - Rueda Delantera
8498	31.70	52.15	10.0/15.0	A 330	L	NBR	Garro Fabril

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional
Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8499	27.00	39.00	10.50	A 070	L	DUREZA 85	Honda-MB 100 - Horquilla
8500	38.50	58.00	8.50	Lx-H	H	ACM	Toyota - Tapa Distribución
8501	70.00	92.00	12.00	Lx-H	AH	ACM	Toyota - Bancada
8502	70.00	92.00	8.50	Lx-R	AH	ACM	Toyota - Bancada
8503	35.00	49.00	6.00	Lx-R	H	ACM / FPM	Nissan - Toyota - Tapa Dist.
8504	75.00	100.00	8.50	Lx-R	AH	ACM	Toyota - Bancada
8505	80.00	100.00	8.50	Lx-R	AH	FPM	Daihatsu - Renault - Toyota - Bancada
8506	45.00	68.00	8.50	Lx-R	H	ACM	Toyota - Distribución
8507	42.00	60.00	6.00	Lx-R	H	ACM / FPM	Toyota - Tapa Distribución
8508	50.00	72.00	12.00	Lx-R	H	ACM	Toyota-Hino-Daihatsu-Tapa Dist.
8509	90.00	110.00	8.5/10.0	Lx-R	AH	ACM / FPM	Toyota - Mazda - Bancada
8510	42.00	62.00	8.00	Lx-R	H	ACM / FPM	Citroen - Peugeot - Suzuki - Toyota - Tapa Dist.
8511	52.00	70.00	8.50	Lx-R	H	ACM	Toyota - Tapa Dist.
8512	45.00	62.00	8.00	Lx-H	H	ACM	Toyota-Hino-Daihatsu-Tapa Dist.
8513	100.00	120.00	11.00	Lx-R	AH	ACM / FPM	Toyota - Bancada
8514	95.00	115.00	12.00	Lx-R	AH	ACM / FPM	Toyota-Hino-Daihatsu-Bancada
8515	95.00	118.00	10.00	Lx-R	AH	ACM / FPM	Isuzu - Bancada
8516	105.00	135.00	14.00	Lx-R	AH	ACM / FPM	Nissan-Datsun-Isuzu-Bancada
8517	80.00	105.00	10.00	Lx-R	AH	ACM / FPM	Toyota Hino-Bancada
8518	38.00	55.00	8.00	Lx-H	H	ACM / FPM	Subaru-Nissan-Datsun-Dist.
8522	65.00	95.00	14.00	Lx-R	H	ACM	Toyota - Tapa Dist.
8523	120.00	150.00	14.00	Lx-H	AH	ACM / FPM	Toyota - Bancada
8525	34.00	48.00	7.00	Lx-R	H	ACM / FPM	Asia - Kia - Nissan - Mazda Daihatsu-Tapa Distribuc.
8526	35.00	55.00	11.00	Lx-H	H	ACM	Daihatsu - Tapa Dist.
8527	60.00	82.00	9.00	A 156-R	AH	ACM	Daihatsu - Bancada
8528	95.00	110.00	11.00	Lx-H	AH	ACM/FPM	Daihatsu Hino - Bancada
8529	40.00	52.00	6.00	Lx-R	H	ACM	Isuzu - Tapa Distribución
8530	87.00	100.00	8.00	A 156-R	AH	FPM	Isuzu - Bancada
8533	60.00	82.00	12.00	Lx-H	H	ACM / FPM	Isuzu - Distribución
8536	60.00	82.00	10.00	Lx-R	H	ACM	Isuzu - Distribución
8539	70.00	92.00	12.00	Lx-H	H	ACM / FPM	Isuzu - Distribución
8550	52.00	72.00	9.00	Lx-R	H	ACM	Hino - Distribución
8551	58.00	75.00	9.00	Lx-R	H	ACM	Hino - Distribución
8567	65.00	88.00	12.00	Lx-H	H	ACM / FPM	Honda - Bancada
8568	74.00	98.00	12.00	Lx-H	H	ACM / FPM	Honda - Bancada
8569	32.00	46.00	8.00	Lx-R	AH	ACM	Honda - Distribución
8570	76.00	98.00	12.00	Lx-H	H	ACM / FPM	Honda - Bancada
8571	35.00	54.00	8.00	Lx-H	AH	ACM / FPM	Honda - Bancada
8573	40.00	55.00	8.00	Mx-R	H	ACM / FPM	A. de Levas Citroen - Fiat Mot. Fire 1.3 16Val. - Mazda-Dist..
8574	30.00	44.00	7.00	Lx-H	H	ACM	Asia - Kia - Mazda - Tapa Distribución
8575	83.00	100.00	9.00	Lx-H	AH	ACM / FPM	Mazda - Bancada
8577	51.00	70.00	11.00	Lx-H	H	ACM	Asia - Mazda - Tapa Distribución
8579	46.00	60.00	7.00	Lx-H	AH	ACM	Mazda - Bancada
8580	75.00	93.00	9.00	Lx-H	AH	ACM	Mazda - Bancada
8581	60.00	79.00	11.00	Lx-H	H	ACM	Mazda - Tapa Distribución
8583	44.00	65.00	11.00	Lx-H	H	ACM / FPM	Hyundai - Mazda - Distribución
8584	48.00	68.00	11.00	Lx-H	H	ACM	Mitsubishi - Distribución
8585	37.50	50.00	6.00	Lx-R	H	ACM	Mitsubishi - Distribución
8587	55.00	78.00	12.00	Lx-H	H	ACM	Mitsubishi - Distribución
8590	100.00	120.00	16.00	A 087-H	AH	ACM / FPM	Mitsubishi - Bancada
8591	72.00	94.00	12.00	Lx-R	H	ACM	Mitsubishi - Distribución
8600	38.00	54.00	7.00	Lx-R	H	ACM	Nissan - Distribución
8601	75.00	94.00	10.00	Lx-R	AH	ACM / FPM	Nissan Datsun - Bancada
8602	36.00	49.00	7.00	Lx-H	H	ACM	Nissan Datsun - Distribución
8603	33.00	47.00	8.00	Lx-H	H	ACM / FPM	Nissan Datsun - Distribución
8605	60.00	82.00	12.00	Lx-H	AH	ACM / FPM	Nissan Datsun - Bancada
8606	40.00	52.00	7.00	Lx-H	H	ACM / FPM	GM - Nissan Datsun - Distribución
8607	48.00	70.00	9.00	Lx-R	H	ACM / FPM	Nissan Datsun - Distribución
8608	45.00	58.00	8.00	Lx-H	H	ACM / FPM	Nissan Datsun - Distribución
8609	38.00	47.00	7.00	Lx-R	H	ACM	Nissan Datsun - Distribución
8610	42.00	55.00	9.00	Lx-H	H	ACM	Isuzu - Nissan Datsun - Distribución
8611	58.00	80.00	12.00	Lx-R	H	ACM	Nissan Datsun - Distribución
8612	39.70	62.00	11.00	Lx-H	H	ACM	Nissan Datsun - Distribución
8613	58.00	80.00	10.00	Lx-R	H	ACM / FPM	Nissan Datsun - Distribución
8615	62.00	85.00	12.50	Lx-H	H	ACM	Nissan Datsun - Distribución

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8616	105.00	135.00	12.50	Lx-R	AH	ACM / FPM	Nissan Datsun - Bancada
8617	105.00	142.00	13.00	Lx-H	AH	ACM / FPM	Nissan Datsun - Bancada
8621	70.00	88.00	8.00	Lx-H	H	ACM	Nissan Datsun - Distribución
8622	70.00	88.00	9.00	Lx-R	H	ACM	Nissan Datsun - Dist.
8623	68.70	90.50	7.50	Lx-H	H	ACM	Nissan Datsun - Dist.
8626	70.00	87.00	8.50	Lx-R	AH	ACM / FPM	Subaru - Bancada
8627	32.00	47.00	8.00	Lx-R	H	ACM	Daewoo - Suzuki - Distribución
8628	32.00	47.00	6.00	Lx-R	H	ACM / FPM	Suzuki - Arbol de Levas - Distribución
8629	60.00	80.00	8.00	Lx-R	AH	ACM	Daewoo - Suzuki - Bancada
8631	35.00	80.00	9.00	Lx-H	AH	ACM	Suzuki - Bancada
8632	68.00	86.00	8.00	Lx-R	AH	ACM / FPM	Suzuki - Bancada
8633	48.00	62.00	9.0/24.0	A 065	L	NBR	Toyota Hilux - Rueda Tras.
8634	38.00	65.00	12.0/19.0	A 103	L	NBR	Toyota - Piñon y Corona
8635	33.00	55.00	9.50	Lx	L	NBR	Pick Up Isuzu - Rueda Tras. Interior
8637	35.00	49.00	12.50	Lx-R	AH	NBR	Pick Up. Isuzu-Caja Cambio
8638	52.00	67.00	7.50	A 095	L	NBR	Nissan - Rueda Del.
8640	41.00	56.00	7.00	Mz	L	NBR	Datsun - Rueda Tras. Interior
8641	34.00	55.00	11.00	Lx	L	NBR	Datsun - Rueda Tras. Interior
8642	80.00	105.00	13.00	Lx	L	NBR	Datsun - Rueda Tras. Interior
8643	50.00	67.00	11.00	A 183	L	NBR	Datsun - Rueda Tras. Exterior
8644	38.00	47.00	10.00	Mz	L	NBR	Datsun - Rueda Trasera Exterior
8645	68.00	87.00	7.00	Lx	L	NBR	Patrol - Rueda Tras. Exterior
8646	32.00	58.00	12.00	Mx	L	NBR	Datsun - Corona Piñon
8647	46.00	59.10	12.00	Lx	L	NBR	Datsun - Rueda Del.
8649	42.00	72.50	12.00	Mx-H	H	NBR	Datsun - Corona Piñon
8651	35.00	64.00	13.00	Lx	L	NBR	Datsun - Corona Piñon
8652	30.00	50.00	7.00	Lz	L	NBR	Pick Up Datsun-Corona Cambio
8653	35.00	65.00	12.00	Lx	L	NBR	Mitsubishi - Corona Piñon
8654	31.00	48.00	10.00	Lx-R	AH	NBR	Mitsubishi - Caja Cambio
8656	45.00	65.00	5.00	Mx	L	NBR	Mazda - Rueda Del.
8657	27.00	43.00	9.00	Lx	L	NBR / ACM	Asia - Ford - Kia - Mazda - Caja Cambio
8660	35.00	55.00	8.00	Lx	L	NBR	New Holand - Asia - Kia - Mazda - Rueda Tras.
8661	32.00	46.00	6.00	Lx-R	H	ACM / FPM	Toyota - Arbol de Levas
8662	62.00	85.00	10.00	A 303	L	NBR	Toyota Hilux - Rueda Delant.
8663	40.00	52.00	7.00	Mx	L	NBR	Toyota Publica-Rueda Del.
8664	35.00	46.00	7.00	Lx	L	NBR	Toyota Publica - Eje trasero
8666	42.00	60.00	7.00	Lx-R	H	ACM / FPM	Toyota - Bancada Del.
8667	34.00	61.90	7.54	Lz	L	DUREZA 85	Industrial
8668	105.00	135.00	15.00	Lx	L	NBR	M. Benz-Eje Trasero
8669	69.90	98.45	12.70	Mz	L	NBR	F 350 - Rueda Tras.
8670	57.30	84.00	8.00	Mz	L	NBR	Ford-Dodge-VW-Rueda Delant.
8671	8.00	17.45	8.00	Mz	L	NBR	Freno Hidraulico(Bendix)
8672	60.30	92.00	12.00	Mx-R	H	NBR / ACM	Case - Dodge - Ford - VW - Pinon Eje Trasero
8673	70.00	100.00	10.00	Lx	L	NBR	Motor Faryman FE/FG
8674	38.00	52.25	6.20	Mt	L	NBR	G.M.C. Opala-Rueda Del.-Interior
8675	35.00	44.50	7.00	Mz	L	NBR	A/C20/D20-Pta. de Eje(C/Cruzeta)
8677	66.70	95.25	12.70	Lz	L	NBR	Hubber Warco / Maxion
8678	25.00	35.00	7.50	Mx	L	NBR	Fiat-147-Fiorino-Rueda Delant.
8679	39.40	63.55	12.70	Lx	Bidi	NBR	Williys - Jeep - Rural - Pick Up
8680	58.00	75.00	12.00	Mx-R	AH	NBR	M. Benz-Caja de Veloc.
8681	57.20	82.50	9.50	Mx-R	AH	NBR	Ford - GM Veraneio - Piñon
8682	38.00	74.00	11.00	Mx-H	H	ACM	Toyota - Caja de Transf.
8683	12.50	20.00	5.00	Lz	Bidi	ACM / FPM	Fiat - GM - Dist.-Magneti Marelli
8684	32.00	45.00	7.00	Lx-H	AH	ACM	Toma de Fuerza VME - Peugeot A. de Levas
8685	95.00	115.00	13.00	Lx	Bidi	NBR/ACM/FPM	M. Benz-Eje Trasero
8686	45.00	62.00	10.00	Lx	L	NBR	M. Benz-Caja de Direc.
8687	25.00	35.00	10.00	Mx	L	NBR	Fiat-M. Benz-Volvo
8689	48.00	72.00	10.00	Lx	L	NBR	Agrele - Fiat-Volkswagen-Rueda Del.
8690	25.00	38.00	6.40	Lz	L	NBR	Fiat-(FNN)-190-Emb.
8691	44.00	76.10	12.70	Lz	L	NBR	G.M.C.3100-A/C10-Eje Trasero
8692	89.00	114.25	12.70	Kz	L	NBR / MVQ	Hubber Warco - Caja de engr. 10D / 11D - VW-Eje Delantero
8693	60.00	78.05	8.80	Mx	L	NBR	Ford Rueda Del.-Exterior
8694	17.00	28.00	6.00	Lz	L	NBR	Valmet - M. Benz OH 1214 - Motos
8695	55.00	75.00	10.00	Lz	L	NBR	M. Benz-Scania-Caja de Veloc.
8696	28.60	38.10	6.00	Lz	L	NBR	Dodge-Ford-GMC-Bomba Iny.

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional
Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8697	33.30	69.40	7.90	Mz	L	NBR	Jeep-Rural-Pick Up-Rueda Del.
8698	55.10	82.00	10.00	Mt	L	NBR	Toyota - Rueda Del.
8699	34.90	63.00	13.00	Mx-H	H	NBR	G.M.C.Eje Trasero-Dif.
8700	60.00	85.10	12.70	Lz	L	NBR	Fiat-M. Benz-Caja de Veloc.
8701	47.60	70.55	13.50	Mz	L	NBR	Toyota-Eje Delantero y Tras.
8702	100.00	123.80	13.00	Kz	L	NBR	M. Benz-Rueda Del.
8703	42.00	62.00	6.00	Lx	L	NBR	Scania-Suspension
8705	36.00	60.00	9.50	Lx	Bidi	NBR	Volkswagen - Kombi
8706	58.00	75.00	9.00	Lx	L	NBR	Yannar - Motor
8707	40.00	62.00	11.50	Lx	L	NBR	Garro Fabril -Tobata
8708	19.00	29.10	6.40	Lz	L	NBR	G.M.C.-Veraneio-Direc.
8709	45.00	60.00	9.00	Lx-R	H	ACM / FPM	G.M.C.-Chevette-Arbol de Levas
8710	32.00	45.00	6.50	Lt	L	NBR	F1000 y F2000-Caja Direc.
8711	41.40	70.60	7.90	Mx	L	NBR	Willys-Aero-Rural y Pick Up
8712	22.00	40.00	8.00	Kx-R	H	ACM	147-Uno-Fiorino-Caja de Veloc.-Directa
8713	161.90	187.30	9.50	Lz	L	NBR	Scania 111 y 141-Eje Tras.
8714	95.30	114.25	12.00	Kx-H	AH	ACM	Fiat(FNM)210-Caja de Vel. - Hyster
8715	29.00	50.00	10.00	Kz-R	AH	NBR	Volvo - Bomba Inyectora
8716	168.00	CI 188.00	31.50	A 184	Bidi	NBR	Volvo - Rueda Tras.
8717	31.00	50.00	8.00	Lx-R	H	ACM / FPM	Daewoo - GM - Monza - Kadett -Dist.
8718	23.00	35.00	8.00	Mx-R	H	NBR / FPM	Daewoo - GM - Monza-Kadett-Caja Veloc.
8719	51.00	58.00	4.00	M t	L	NBR	M. Benz-Eje Delantero
8720	55.40	76.15	12.70	Mx	L	NBR	G.M.C.-A/C 40-D 40-Rueda Del.
8721	40.00	55.00	8.00	Lx	Bidi	NBR/ACM	Ford - Escort - Rueda Tras.
8722	82.50	120.00	15.00	Mx	Bidi	NBR	G.M.C.-A/C 40-D 40-Rueda Tras.
8723	60.40	79.40	9.30	Lx-H	H	ACM / FPM	Perkins-Tapa de Distrib.
8724	80.00	100.00	10.00	Mx	Bidi	ACM / FPM	Scania-Caja de Vel.
8725	48.00	75.00	8.00	Mz-R	H	FPM	M. Benz-Caja de Veloc.
8726	8.00	14.00	3.00	Lz	L	NBR	Bomba Combustible Brossol
8727	40.00	56.00	9.00	Mx	L	NBR	Valmet - Caja Dirección
8728	22.20	50.80	10.80	Mx	L	DUREZA 85	Bomba Hidraulica
8729	15.90	30.00	6.00	Mx	L	NBR	Hatsuta Motor - Lada Caja de vel.
8730	25.50	58.70	7.00	A 146	L	NBR	Sembradora J. Deere y Tanzi
8730Pist	57.00	60.50	11.30	PISTA	L	CHAPA	Sembradora J. Deere y Tanzi
8731	22.22	35.00	6.40	Lx	L	NBR	Perkins - Tacometro - Eje
8732	28.00	47.00	7.00	A 183	L	NBR	Industrial
8733	9.30	26.00	11.00	Lx	L	DUREZA 85	Amortiguador
8734	20.00	47.00	10.00	Kz	L	NBR	M. Agrícola-Crucianelli
8735	22.00	34.00	5.00	Lx-R	H	ACM	Toyota Corona TD 2.0 - Bomba de Aceite
8736	38.00	60.00	8.0/14.5	A 109-R	H	NBR	Suzuki-Caja de Vel.
8738	12.00	25.40	8.00	Lx	L	NBR / MVQ	Industrial
8739	38.10	60.30	12.70	Mx-R	AH	NBR	G.M.C.-C10-Caja de Vel.
8740	32.00	42.00	7.00	Mx	L	NBR	Mitsubishi-Isuzu-Caja de Direc.
8741	28.60	42.95	6.50	Mx	L	NBR	Toyota-Caja de Veloc. y Direc.
8742	50.00	68.00	7.0/9.0	A 171	L	NBR	Suzuki - Rueda Tras.
8743	47.00	81.02	17.00	Lx	L	NBR	Mando Emb.-Cosech. Arauz
8744	75.00	108.00	10.0/20.0	A 172	L	NBR	Toyota - Rueda Tras.
8745	25.00	38.00	7.00	A 100	L	DUREZA 85	Toyota-Isuzu-Caja de Direc.
8746	32.00	40.00	5.00	Lx	L	DUREZA 85	Toyota-Isuzu-Caja de Direc.
8747	60.00	85.00	10.0/14.0	A 092	L	NBR	Cabezal Mainero-Maza Rueda
8748	49.00	59.35	11.50	Mx	L	NBR	Cubeta de la Cruceta 1132
8749	180.00	200.00	12.00	Mx	L	NBR / ACM	Fiat 619-643-697-Rueda Tras.
8750	130.00	160.00	12.00	Lx	L	NBR	Fiat 180-210-215 y D11000-Banc.
8751	75.00	100.00	10.00	Mx	L	NBR	Industrial
8752	55.00	72.00	10.00	Mx	L	NBR	Industrial
8753	32.00	65.00	13.00	Mx	L	NBR	Industrial
8754	145.00	170.00	13.00	Mx	L	NBR	Industrial
8755	75.00	122.00	12.00	Lx	L	NBR	Fiat 619 - Piñon
8756	76.20	101.60	11.90	Kx	L	MVQ	Salida de caja - Camiones Fiat
8757	95.30	114.30	11.88	Kx	L	MVQ	Caja de cambios - Arbol primario - Camiones Fiat
8758	160.00	200.00	12.00	Lx	L	NBR	Industrial
8759	96.00	136.00	12.00	Lx	L	NBR	Industrial
8760	57.40	105.00	6.00	A 297	L	NBR	Mainero - Mez. 2910
8761	38.00	48.00	4.00	Ms	L	NBR	Cubeta de la cruceta Nº 1122
8764	25.00	40.00	8.0/11.0	A 135	L	DUREZA 85	Industrial

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8766	19.00	40.00	7.00	Lx	L	NBR	Eje Salida Motor-Reductor EBH
8767	30.00	63.00	16.00	A 053	Bidi	NBR	Maquinas Agrícolas
8768	21.00	30.00	6.50	Lx	L	NBR	Zanella 50 VR-Carter Lado Derec.
8769	35.00	50.00	11.00	Lx-R	AH	ACM	Nissan-Datsun-Caja de Veloc.
8770	140.00	170.00	15.00	Lx	Bidi	ACM / FPM	Belaztomaz (Camiones)-Banc.
8771	72.00	CI 84.00	18.0/20.5	A 103	Bidi	NBR	M.Benz 180-Rueda Delant. Int.
8772	72.00	85.50	8.0/10.5	A 103	Bidi	NBR	M.Benz 180-Rueda Del. y Tras. Ext.
8773	26.00	34.50	5.50	Lx-R	AH	NBR	Honda - Elite 80
8774	20.00	32.00	4.50	Lx	L	NBR	Honda - Elite 80
8775	27.00	42.00	7.00	Lx	L	NBR	Honda - Elite 80
8776	13.00	22.00	5.00	Lx	L	NBR	Honda - C 90
8777	20.00	34.00	7.00	Lx	L	NBR	Honda - C 90
8778	11.50	24.00	10.00	Lx	L	NBR	Honda C 90 - Eje Cambio
8779	19.00	30.00	5.50	Lx	L	NBR / ACM	Honda Dax 70 cc.Banc. Lado Vol.
8780	17.00	29.00	5.00	Lx	L	NBR	Honda Dax 70 cc. - Piñon
8781	13.00	25.00	7.00	Lx	L	NBR	Industrial
8782	26.00	47.00	6.30	A 071	L	NBR	Suzuki 50 FA-Cigüeñal OR-FA-FZ-CZ
8783	20.00	37.00	8.00	Lx	L	NBR	Suzuki 50 FA - Bancada RM-OR-CZ
8784	24.00	43.00	6.00	Lx	L	NBR	Suzuki 50 Adress-Cig. Lado Emb.
8785	17.00	27.00	5.00	Lx	L	NBR	Suzuki 50 Adress - Mondial
8786	54.00	79.35	12.7/19.0	A 103-H	H	NBR	Caterpillar - GM - C20 - D20 - Eje Tras. Sal. Piñon
8787C/AR	59.00	85.60	15.00	A 226	L	NBR	Met. Genovese
8788C/AR	70.00	95.00	15.00	A 226	L	NBR	Met. Genovese
8789C/AR	55.00	80.00	15.00	A 226	L	NBR	Met. Genovese
8790	55.00	70.00	12.30	A 158	L	NBR	Caja de Mando-Agromec y Otros
8791	35.00	50.00	8.00	Lx	L	NBR	Sem. Siembra Directa-Baldan
8792	87.50	120.50	18.00	A 122	L	NBR	Ford 400 - Rueda Tras.
8793	55.00	70.00	8.00	A 114	Bidi	NBR	M. Benz 180 - Palier
8794	25.00	97.00	6.60	A 143	L	NBR	Apache - Soporte Discos Dobles
8795	31.50	51.90	10.00	Mx	L	NBR	Bertini
8796	36.00	50.00	7.00	A 156-R	H	ACM / FPM	Peugeot 405-Arbol Levas-Naftero
8797	35.00	50.00	8.00	Lx-R	H	ACM / FPM	Peugeot 405-Arbol Levas-Diesel
8798	15.60	25.50	7.00	Lx	L	NBR	Honda Elite Lx 50-TAC-Banc.
8799	28.00	38.00	7.00	Mx	L	NBR	Garro Fabril
8800	31.75	50.65	6.35	Mx	L	NBR	Industrial
8801	28.00	40.00	10.50	Lx	L	NBR	Apache-SMA 6000-6100-Disco Abres.
8802	65.00	80.00	8.00	Lz	L	NBR	Valmet
8803	45.00	76.00	12.00	A 134	L	NBR	Industrial
8804	50.00	90.00	10.00	Mx	L	NBR	Garro Fabril
8805	54.00	82.00	11.00	Lx	L	NBR	Industrial
8806	85.00	110.00	12.00	Mx	L	NBR	Industrial
8807	60.00	85.00	14.00	Lx	L	NBR	Industrial
8808	67.00	80.00	13.00	Lx	L	NBR	Industrial
8809	38.00	55.00	7.00	Lx	L	NBR	Industrial
8810	161.00	197.00	12.70	Mz	L	NBR	Industrial
8811	16.00	29.90	7.30	Lx	L	NBR	Industrial
8813	200.00	240.00	15.00	Lz	L	NBR	Industrial
8814	210.00	250.00	18.00	Lz	L	NBR	Industrial
8815	225.00	260.00	15.00	Lz	L	NBR	Industrial
8816	38.00	62.00	8.5/3.0	A 038	L	NBR	Marani - Sacapaja
8817	14.00	24.00	7.00	Lx	L	NBR	Industrial
8818	151.05	197.00	37.50	A 174	L	NBR	Ferrocarril
8819	29.80	47.00	0.77	A 007	L	NBR	Rodillo Piston Enf. Gardiol
8820	156.20	185.40	16.00	A 137	L	NBR	Tractor Fiat Arrocero - Rueda
8821	35.00	50.00	7.00	Lx	L	NBR	Industrial
8822	210.00	240.00	15.00	Lz	L	NBR	Industrial
8823	165.30	206.50	19.00	Lz	L	NBR	Industrial
8824	171.50	196.90	11.11	Lz	L	NBR	Industrial
8825	204.00	233.50	16.00	Lz	L	NBR	Industrial
8826	231.70	263.50	19.00	Lz	L	NBR	Industrial
8827	200.00	238.50	16.00	Lz	L	NBR	Industrial
8828	55.00	90.00	10.00	Lx	L	NBR	Industrial
8829	180.00	220.00	15.00	Lz	L	NBR	Industrial
8830	190.00	230.00	15.00	Lz	L	NBR	Industrial
8831	240.00	280.00	18.00	Lz	L	NBR	Industrial

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8832	250.00	290.00	18.00	Lz	L	NBR	Industrial
8833	260.00	300.00	18.00	Lz	L	NBR	Industrial
8834	280.00	320.00	20.00	Lz	L	NBR	Industrial
8835	101.57	125.00	13.00	Lx-H	AH	ACM	Asia - Mazda - Motor KIA - Bancada
8836	63.00	110.00	17.40	A 111	L	NBR	Maza Rueda Arado - Baldan
8837	10.00	20.00	5.00	Lx	L	NBR	Toyota - Distribuidor
8838	12.00	25.00	5.00	Lz	L	NBR	Alternador
8839	54.00	80.00	11.1/16.6	A 074	Bidi	NBR	Eje Tras.- A/C 20-D20-Ford F1000 Rueda
8840	50.00	110.00	10.00	Lx	L	NBR	Industrial
8841	123.00	141.00	11.10	Mz-R	AH	NBR	Tractor Ford 4600/6600 - Banc.
8842	105.00	135.00	13.00	Lz	L	NBR	Industrial
8843	170.00	210.00	15.00	Lz	L	NBR	Industrial
8844	220.00	250.00	18.00	Lz	L	NBR	Industrial
8845	120.00	150.00	15.00	Lz	L	NBR	Industrial
8846	185.00	215.00	15.00	Lz	L	NBR	Industrial
8847	156.00	180.70	12.00	Lx	L	NBR	Zanella 1300-1500-1800-Pal. Tractor
8848	30.00	42.00	8.00	Mx	L	NBR	C.Vel.-54 marchas-SW 2000
8849	26.00	42.00	8.00	Mx	L	NBR	Mat. alum.-Garro Fabril-Sem.
8850	24.00	41.00	8.50	A 016	L	DUREZA 85	Toyota Corolla - Direc.
8851	25.00	41.00	8.00	A 016	L	DUREZA 85	Toyota Corona-Direc.(89/92)
8852	25.00	42.50	8.00	A 016	L	DUREZA 85	Toyota Corona-Direc. (92/...)
8853	40.00	62.00	7.00	Lz	L	NBR / MVQ	Industrial
8854	34.00	39.00	3.00	Lt	L	NBR	Honda Elite 50-Variador de Vel.
8855	28.00	52.00	10.00	Mx	L	NBR	Ing. Bertini - Maza Rueda Nivel.
8856	6.00	11.00	4.00	Ls	L	NBR	Industrial
8857	5.00	15.00	4.00	Lx	L	NBR	Industrial
8858	6.00	16.00	6.00	Lx	L	NBR	Industrial
8859	6.00	16.00	7.00	Lx	L	NBR	Industrial
8860	7.00	16.00	7.00	Lx	L	NBR	Industrial
8861	8.00	17.00	7.00	Lx	L	NBR	Industrial
8862	6.00	19.00	7.00	Lx	L	NBR	Industrial
8863	6.00	20.00	7.00	Lx	L	NBR	Industrial
8864	6.00	22.00	7.00	Lx	L	NBR	Industrial
8865	6.00	22.00	8.00	Lx	L	NBR	Industrial
8866	7.00	22.00	7.00	Lx	L	NBR	Industrial
8867	12.00	22.00	5.00	Lx	L	NBR	Industrial - Motos
8868	14.00	22.00	4.00	Lx	L	NBR / ACM	Industrial - Motos
8869	16.00	25.00	5.00	Lx	L	NBR	Industrial - Agrícola
8870	17.00	35.00	10.00	Lx	L	NBR	Industrial
8871	19.00	35.00	7.00	Lx	L	NBR	Industrial
8872	22.00	35.00	7.00	Lx	L	NBR	Industrial
8873	20.00	37.00	10.00	Lx	L	NBR	Industrial
8874	20.00	38.00	8.00	Lx	L	NBR	Industrial
8875	25.00	38.00	7.00	Lx	L	NBR	Industrial - Motos
8876	24.00	40.00	8.00	Lx	L	NBR	Industrial
8877	32.00	40.00	8.00	Lz	L	NBR	Industrial
8878	25.00	40.00	10.00	Lx	L	NBR	Industrial - Motos
8879	25.00	43.00	8.00	Lx	L	NBR	Industrial
8880	30.00	45.00	7.00	Lx	L	NBR	Industrial
8881	30.00	45.00	10.00	Lx	L	NBR	Industrial
8882	30.00	46.00	7.00	Lx	L	NBR	Industrial
8883	10.00	16.00	4.00	Lx	L	NBR / ACM	Peugeot 405 - Dist.
8884	34.00	48.00	7.00	Lx	L	NBR	Industrial
8885	30.00	50.00	8.00	Lx	L	NBR	Industrial
8886	30.00	50.00	12.00	Lx	L	NBR	Industrial
8887	38.00	50.00	8.00	Lx	L	NBR	Industrial
8888	28.00	52.00	10.00	Lx	L	NBR	Industrial
8889	32.00	52.00	10.00	Lx	L	NBR	Industrial
8890	40.00	52.00	10.00	Lx	L	NBR	Industrial - Motos
8891	45.00	55.00	7.00	Lx	L	NBR	Industrial - Motos
8892	35.00	56.00	7.00	Lx	L	NBR	Industrial
8893	35.00	56.00	8.00	Lx	L	NBR	Industrial
8894	40.00	56.00	7.00	Lx	L	NBR	Industrial
8895	40.00	58.00	7.00	Lx	L	NBR	Industrial
8896	46.00	59.00	9.00	Lx	L	NBR	Industrial

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8897	38.00	60.00	7.00	Lx	L	NBR	Industrial
8898	38.00	60.00	8.00	Lx	L	NBR	Industrial
8899	44.00	60.00	10.00	Lx	L	NBR	Industrial
8900	40.00	62.00	7.00	Lx	L	NBR	Industrial
8901	42.00	62.00	7.00	Lx	L	NBR	Industrial
8902	45.00	62.00	7.00	Lx	L	NBR	Deutz
8903	52.00	62.00	10.00	Lx	L	NBR	Industrial
8904	50.00	64.00	7.00	Lx	L	NBR	Industrial
8905	48.00	65.00	8.00	Lx	L	NBR	Industrial
8906	52.00	65.00	8.00	Lx	L	NBR	Industrial
8907	55.00	65.00	9.00	Lx	L	NBR	Industrial
8908	42.00	68.00	8.00	Lx	L	NBR	Industrial
8909	42.00	68.00	10.00	Lx	L	NBR	Industrial
8910	45.00	68.00	10.00	Lx	L	NBR	Industrial
8911	48.00	68.00	10.00	Lx	L	NBR / FPM	Industrial
8912	50.00	68.00	10.00	Lx	L	NBR	Industrial
8913	52.00	68.00	7.00	Lx	L	NBR	Industrial
8914	52.00	68.00	8.00	Lx	L	NBR	Industrial
8915	54.00	68.00	10.00	Lx	L	NBR	Industrial
8916	55.00	68.00	8.00	Lx	L	NBR	Industrial
8917	42.00	70.00	10.00	Lx	L	NBR	Industrial
8918	45.00	70.00	8.00	Lx	L	NBR	Industrial
8919	45.00	70.00	10.00	Lx	L	NBR	Industrial
8920	48.00	70.00	8.00	Lx	L	NBR	Industrial
8921	48.00	70.00	10.00	Lx	L	NBR	Industrial
8922	50.00	70.00	8.00	Lx	L	NBR	Industrial
8923	55.00	70.00	10.00	Lx	L	NBR / MVQ	Industrial
8924	45.00	72.00	7.00	Lx	L	NBR	Industrial
8925	45.00	72.00	10.00	Lx	L	NBR	Industrial
8926	46.00	72.00	10.00	Lx	L	NBR	Industrial
8927	48.00	72.00	8.00	Lx	L	NBR	Industrial
8928	50.00	72.00	7.00	Lx	L	NBR / MVQ	Industrial
8929	58.00	72.00	8.00	Lx	L	NBR	Industrial
8930	45.00	75.00	10.00	Lx	L	NBR	Industrial
8931	55.00	75.00	8.00	Lx	L	NBR	Industrial
8932	58.00	75.00	10.00	Lx	L	NBR	Industrial
8933	65.00	75.00	7.00	Lx	L	NBR	Industrial
8934	46.00	78.00	10.00	Lx	L	NBR	Industrial
8935	55.00	78.00	10.00	Lx	L	NBR	Industrial
8936	42.00	80.00	10.00	Lx	L	NBR	Industrial
8937	52.00	80.00	10.00	Lx	L	NBR	Industrial
8938	55.00	80.00	8.00	Lx	L	NBR	Industrial
8939	65.00	80.00	8.00	Lx	L	NBR	Industrial
8940	60.00	80.00	8.00	Lx	L	NBR	Industrial
8941	62.00	80.00	10.00	Lx	L	NBR	Industrial
8942	65.00	80.00	10.00	Lx	L	NBR	Industrial
8943	45.00	80.00	10.00	Lx	L	NBR	Industrial
8944	55.00	85.00	10.00	Lx	L	NBR	Industrial
8945	62.00	85.00	8.00	Lx	L	NBR	Industrial
8946	60.00	85.00	8.00	Lx	L	NBR	Industrial
8947	62.00	85.00	10.00	Lx	L	NBR	Industrial
8948	65.00	85.00	10.00	Lx	L	NBR	Hubber Warco
8949	68.00	85.00	10.00	Lx	L	NBR	Industrial
8950	70.00	85.00	8.00	Lx	L	NBR	Industrial
8952	60.00	90.00	12.00	Lx	L	NBR	Industrial
8953	62.00	90.00	8.00	Lx	L	NBR	Industrial
8954	62.00	90.00	10.00	Lx	L	NBR	Industrial
8955	65.00	90.00	12.00	Lx	L	NBR	Industrial
8956	60.00	95.00	10.00	Lx	L	NBR	Industrial
8957	70.00	95.00	10.00	Lx	L	NBR	Industrial
8958	75.00	95.00	12.00	Lx	L	NBR	Industrial
8959	80.00	95.00	8.00	Lx	L	NBR	Industrial
8960	55.00	100.00	10.00	Lx	L	NBR	Industrial
8961	60.00	100.00	10.00	Lx	L	NBR	Industrial
8962	65.00	100.00	10.00	Lx	L	NBR	Industrial

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
8963	68.00	100.00	10.00	Lx	L	NBR	Industrial
8964	78.00	100.00	10.00	Lx	L	NBR	Industrial
8965	80.00	100.00	12.00	Lx	L	NBR	Industrial
8966	70.00	105.00	10.00	Lx	L	NBR	Industrial
8967	72.00	105.00	13.00	Lx	L	NBR	Industrial
8968	75.00	105.00	12.00	Lx	L	NBR	Industrial
8969	80.00	105.00	10.00	Lx	L	NBR	Industrial
8970	60.00	110.00	13.00	Lx	L	NBR	Industrial
8971	70.00	110.00	8.00	Lx	L	NBR	Industrial
8972	70.00	110.00	10.00	Lx	L	NBR	Industrial
8973	70.00	110.00	12.00	Lx	L	NBR	Industrial
8974	75.00	110.00	13.00	Lx	L	NBR / MVQ	Industrial
8975	80.00	110.00	12.00	Lx	L	NBR	Industrial
8976	82.00	110.00	12.00	Lx	L	NBR	Industrial
8977	85.00	110.00	12.00	Lx	L	NBR / ACM	Industrial
8978	95.00	110.00	12.00	Lx	L	NBR	Industrial
8979	90.00	110.00	8.00	Lx	L	NBR	Industrial
8980	75.00	112.00	12.00	Lx	L	NBR	Industrial
8981	75.00	115.00	12.00	Lx	L	NBR	Industrial
8982	80.00	115.00	10.00	Lx	L	NBR	Industrial
8983	75.00	120.00	13.00	Lx	L	NBR	Industrial
8984	80.00	120.00	13.00	Lx	L	NBR	Industrial
8985	85.00	120.00	12.00	Lx	L	NBR	Industrial
8986	90.00	120.00	13.00	Lx	L	NBR	Industrial
8987	100.00	120.00	15.00	Mx	L	NBR	Industrial
8988	80.00	125.00	12.00	Lx	L	NBR	Industrial
8989	95.00	125.00	12.00	Lx	L	NBR	Industrial
8990	85.00	130.00	12.00	Lx	L	NBR	Industrial
8991	90.00	130.00	12.00	Lx	L	NBR	Industrial
8992	90.00	130.00	13.00	Lx	L	NBR	Industrial
8993	105.00	130.00	12.00	Lx	L	NBR	Industrial
8994	110.00	135.00	12.00	Lx	L	NBR	Industrial
8995	100.00	140.00	13.00	Lx	L	NBR	Industrial
8996	125.00	140.00	10.00	Lx	L	NBR	Industrial
8997	120.00	140.00	12.00	Lx	L	NBR	Industrial
8998	117.20	143.00	12.70	Kx	L	NBR	Industrial
8999	85.00	145.00	18.00	Lx	L	NBR	Industrial
9000	100.00	150.00	13.00	Lx	L	NBR	Industrial
9001	115.00	150.00	12.00	Lx	L	NBR	Industrial
9002	125.00	150.00	12.00	Lx	L	NBR	Industrial
9003	115.00	160.00	12.00	Lx	L	NBR	Industrial
9004	120.00	160.00	12.00	Lx	L	NBR	Industrial
9005	125.00	160.00	15.00	Lx	L	NBR	Industrial
9006	135.00	160.00	12.00	Lx	L	NBR / MVQ	Industrial
9007	140.00	165.00	14.00	Lx	L	NBR	Industrial
9008	115.00	170.00	15.00	Lx	L	NBR	Industrial
9009	130.00	170.00	14.00	Lx	L	NBR	Industrial
9010	135.00	170.00	12.00	Lx	L	NBR	Industrial
9011	150.00	170.00	10.00	Lx	L	NBR	Industrial
9012	150.00	170.00	12.00	Lx	L	NBR	Industrial
9013	145.00	175.00	13.00	Mx	L	NBR	Industrial
9014	110.00	180.00	15.00	Lx	L	NBR	Industrial
9015	145.00	180.00	15.00	Lx	L	NBR	Industrial
9016	155.00	180.00	13.00	Lx	L	NBR	Industrial
9017	160.00	180.00	15.00	Lx	L	NBR	Industrial
9018	165.00	190.00	15.00	Lx	L	NBR	Industrial
9019	170.00	190.00	15.00	Lx	L	NBR	Industrial
9020	190.00	220.00	16.00	Lx	L	NBR	Industrial
9021	45.00	59.13	10.00	Lx	L	NBR	Industrial
9022	90.00	110.00	12.00	Lx	L	NBR	Industrial
9024	105.00	136.00	12.00	Lx	L	NBR	Industrial
9025	95.00	145.00	17.00	Kx	L	NBR	Industrial
9026	8.00	18.00	7.00	Lx	L	NBR	Industrial
9027	10.00	18.00	5.00	Lx	L	NBR	Industrial
9028	10.00	18.00	7.00	Lx	L	NBR	Industrial

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9029	8.00	19.00	7.00	Lx	L	NBR	Industrial
9030	8.00	20.00	7.00	Lx	L	NBR	Industrial
9031	10.00	20.00	6.00	Lx	L	NBR / ACM	Industrial
9032	10.00	20.00	7.00	Lx	L	NBR	Industrial
9033	12.00	20.00	8.00	Lx	L	NBR	Industrial
9034	12.00	20.00	7.00	Lx	L	NBR	Industrial
9035	10.00	21.00	7.00	Lx	L	NBR	Industrial
9036	8.00	22.00	7.00	Lx	L	NBR	Industrial
9037	9.00	22.00	7.00	Lx	L	NBR	Industrial
9038	9.00	22.00	10.00	Lx	L	NBR	Industrial
9039	10.00	22.00	7.00	Lx	L	NBR	Industrial
9040	14.00	22.00	7.00	Lx	L	NBR	Industrial
9041	14.00	24.00	5.50	Lx	L	NBR	Honda DAX 70 cc.-Eje de Arranque
9042	16.00	24.00	7.00	Lx	L	NBR	Industrial
9043	14.00	24.05	8.50	Lx	L	NBR	Industrial
9044	8.00	25.00	7.00	Lx	L	NBR	Industrial
9045	10.00	25.00	7.00	Lx	L	NBR	Industrial
9046	12.00	25.00	7.00	Lx	L	NBR / MVQ	Industrial
9047	14.00	25.00	7.00	Lx	L	NBR	Industrial
9048	16.00	25.00	7.00	Lx	L	NBR	Industrial
9049	17.00	25.00	7.00	Lx	L	NBR	Industrial
9050	17.00	27.00	6.00	Lx	L	NBR	Industrial
9051	18.00	28.00	4.00	Lx	L	NBR	Industrial
9052	18.00	28.00	7.00	Lx	L	NBR	Industrial
9053	20.00	28.00	6.00	Lx	L	NBR	Industrial
9054	13.00	29.00	9.00	Lx	L	NBR	Industrial
9055	14.00	29.00	7.00	Lx	L	NBR	Industrial
9056	9.00	30.00	7.00	Lx	L	NBR	Industrial
9057	10.00	30.00	7.00	Lx	L	NBR	Industrial
9058	13.00	30.00	6.00	Lx	L	NBR	Industrial
9059	14.00	30.00	7.00	Lx	L	NBR	Industrial
9060	14.00	30.00	10.00	Lx	L	NBR	Industrial
9061	16.00	30.00	7.00	Lx	L	NBR	Industrial
9062	16.00	30.00	10.00	Lx	L	NBR	Industrial
9063	22.00	30.00	6.00	Lx	L	NBR	Industrial
9064	14.00	32.00	10.00	Lx	L	NBR	Industrial
9065	16.00	32.00	7.00	Lx	L	NBR	Industrial
9066	22.00	32.00	10.00	Lx	L	NBR	Industrial
9067	22.00	34.00	5.00	Lx	L	NBR	Industrial
9068	11.00	35.00	7.00	Lx	L	NBR	Industrial
9069	12.00	35.00	7.00	Lx	L	NBR	Industrial
9070	14.00	35.00	10.00	Lx	L	NBR	Industrial
9071	14.00	35.00	8.00	Lx	L	NBR	Industrial
9072	15.00	35.00	7.00	Lx	L	NBR	Industrial
9073	16.00	35.00	12.00	Lx	L	NBR	Industrial
9074	18.00	35.00	7.00	Lx	L	NBR / FPM	Industrial
9075	20.00	35.00	6.00	Lx	L	NBR	Industrial
9076	20.00	35.00	8.00	Lx	L	NBR	Industrial
9077	22.00	35.00	5.00	Lx	L	NBR	Industrial
9078	22.00	35.00	10.00	Lx	L	NBR	Industrial
9079	24.00	35.00	7.00	Lx	L	NBR	Industrial
9080	25.00	35.00	10.00	Lx	L	NBR	Industrial
9081	20.00	36.00	7.00	Lx	L	NBR	Industrial
9082	20.00	36.00	10.00	Lx	L	NBR	Industrial
9083	27.00	36.00	8.00	Lx	L	NBR	Industrial
9084	28.00	36.00	6.00	Lx	L	NBR	Industrial
9085	22.00	37.00	10.00	Lx	L	NBR	Industrial
9086	28.00	38.00	5.00	Lx	L	NBR	Industrial
9087	15.00	38.00	7.00	Lx	L	NBR	Industrial
9088	22.00	38.00	10.00	Lx	L	NBR	Industrial
9089	30.00	38.00	7.00	Lx	L	NBR	Industrial
9090	16.00	40.00	8.00	Lx	L	NBR	Industrial
9091	20.00	40.00	7.00	Lx	L	NBR	Industrial
9092	22.00	40.00	10.00	Lx	L	NBR	Industrial
9093	25.00	40.00	5.00	Lx	L	NBR	Industrial

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9094	27.00	40.00	7.00	Lx	L	NBR	Industrial
9095	30.00	40.00	10.00	Lx	L	NBR	Industrial
9096	19.00	42.00	7.00	Lx	L	NBR	Industrial
9097	22.00	42.00	7.00	Lx	L	NBR	Industrial
9098	22.00	42.00	10.00	Lx	L	NBR	Industrial
9099	26.00	42.00	8.00	Lx	L	NBR	Industrial
9100	30.00	42.00	6.00	Lx	L	NBR	Industrial
9101	30.00	42.00	10.00	Lx	L	NBR	Industrial
9102	27.00	43.00	7.00	Lx	L	NBR	Industrial
9103	33.00	44.00	10.00	Lx	L	NBR	Industrial
9104	19.00	45.00	7.00	Lx	L	NBR	Industrial
9105	20.00	45.00	7.00	Lx	L	NBR	Industrial
9106	21.00	40.00	7.00	Lx	L	NBR	Lavarropas
9107	22.00	45.00	8.00	Lx	L	NBR	Industrial
9108	24.00	45.00	7.00	Lx	L	NBR	Industrial
9109	31.00	45.00	8.00	Lx	L	NBR	Industrial
9110	32.00	45.00	10.00	Lx	L	NBR	Industrial
9111	33.00	45.00	5.00	Lx	L	NBR	Industrial
9112	35.00	45.00	7.00	Lx	L	NBR	Industrial
9113	35.00	45.00	10.00	Lx	L	NBR	Industrial
9114	32.00	46.00	7.00	Lx	L	NBR	Industrial
9115	36.00	46.00	5.00	Lx	L	NBR	Industrial
9116	24.00	47.00	7.00	Lx	L	NBR	Industrial
9117	26.00	47.00	6.30	Lx	L	NBR	Industrial
9118	30.00	47.00	7.00	Lx	L	NBR	Industrial
9119	30.00	47.00	8.00	Lx	L	NBR	Industrial
9120	35.00	47.00	10.00	Lx	L	NBR	Industrial
9121	22.00	48.00	10.00	Lx	L	NBR	Industrial
9122	24.00	48.00	7.00	Lx	L	NBR	Industrial
9123	36.00	48.00	8.00	Lx	L	NBR	Industrial
9124	25.00	50.00	7.00	Lx	L	NBR	Industrial
9125	28.00	50.00	10.00	Lx	L	NBR	Industrial
9126	34.00	50.00	7.00	Lx	L	NBR	Industrial
9127	36.00	50.00	7.00	Lx	L	NBR	Industrial
9128	38.00	50.00	10.00	Lx	L	NBR	Industrial
9129	40.00	50.00	7.00	Lx	L	NBR	Industrial
9130	22.00	52.00	7.00	Lx	L	NBR	Industrial
9131	24.00	52.00	10.00	Lx	L	NBR	Industrial
9132	28.00	52.00	7.00	Lx	L	NBR	Industrial
9133	34.00	52.00	7.00	Lx	L	NBR	Industrial
9134	35.00	52.00	6.00	Lx	L	NBR	Fabimag
9135	35.00	52.00	7.00	Lx	L	NBR	Industrial
9136	36.00	52.00	7.00	Lx	L	NBR	Industrial
9137	38.00	52.00	7.00	Lx	L	NBR	Industrial
9138	36.00	54.00	7.00	Lx	L	NBR	Industrial
9139	40.00	54.00	7.00	Lx	L	NBR	Industrial
9140	32.00	55.00	10.00	Lx	L	NBR	Industrial
9141	42.00	55.00	7.00	Lx	L	NBR	Industrial
9142	28.00	56.00	7.00	Lx	L	NBR	Industrial
9143	33.00	56.00	12.00	Lx	L	NBR	Industrial
9144	36.00	56.00	8.00	Lx	L	NBR	Industrial
9145	32.00	58.00	12.00	Lx	L	NBR	Industrial
9146	30.00	60.00	10.00	Lx	L	NBR	Industrial
9147	22.00	62.00	7.00	Lx	L	NBR	Industrial
9148	25.00	62.00	7.00	Lx	L	NBR	Industrial
9149	30.00	62.00	10.00	Lx	L	NBR	Industrial
9150	38.00	62.00	7.00	Lx	L	NBR	Industrial
9151	30.00	70.00	10.00	Lx	L	NBR	Industrial
9152	35.00	70.00	8.00	Lx	L	NBR	Industrial
9153	30.00	72.00	10.00	Lx	L	NBR	Industrial
9154	35.00	72.00	12.00	Lx	L	NBR	Industrial
9155	40.00	72.00	7.00	Lx	L	NBR	Industrial
9156	40.00	72.00	10.00	Lx	L	NBR	Industrial
9157	38.00	74.00	8.00	Lx	L	NBR	Industrial
9158	35.00	80.00	10.00	Lx	L	NBR	Industrial

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9159	40.00	85.00	10.00	Lx	L	NBR	Industrial
9160	12.00	24.00	7.00	Lx	L	NBR	Industrial
9161	38.00	72.00	7.00	Lz	L	NBR	Marani - Mando Cuchillas
9162	17.00	32.00	8.00	Lr	L	DUREZA 85	Bomba Hid.-Toyota D/85
9163	30.00	42.00	6.00	Mx	L	NBR	Caja Direc. - Suzuki
9164	24.00	40.00	8.00	A 016	L	DUREZA 85	Direccion Hidraulica - Cremallera
9165	24.00	38.00	8.50	A 016	L	DUREZA 85	Direccion Hidraulica - Cremallera
9166	24.00	36.50	8.50	A 016	L	DUREZA 85	Direccion Hidraulica - Cremallera
9167	25.00	42.00	9.00	A 016	L	DUREZA 85	Direccion Hidraulica - Cremallera
9168	25.00	39.70	8.00	A 016	L	DUREZA 85	Direccion Hidraulica - Cremallera
9169	25.00	40.00	8.20	A 016	L	DUREZA 85	Direccion Hidraulica - Cremallera
9170	25.00	39.80	6.40	A 016	L	DUREZA 85	Direccion Hidraulica - Cremallera
9171	25.00	35.00	8.00	A 016	L	DUREZA 85	Direccion Hidraulica - Cremallera
9172	50.00	67.50	8.0/ 13.5	A 073	L	NBR	industrial
9174	32.00	47.00	9.00	A 132	L	NBR	Sem. 10000-Ing. Bertini
9175	24.00	40.00	7.00	Lx-H	H	ACM	Distribución Isuzu
9176	36.00	44.00	5.00	Lx	L	DUREZA 85	Sector caja hid.Toyota L. Cruiser
9177	133.40	155.55	14.00	Mx	Bidi	NBR	Rueda Delant. Volvo B58-BR-N10
9178	155.00	180.00	15.00	Mx-R	AH	ACM / FPM	Bancada Volvo
9179	48.00	68.00	8.50	Lx	L	NBR	Industrial
9180	125.00	150.00	15.00	Mx-R	AH	ACM	Bancada Fiat Camiones
9181	26.00	45.00	8.50	A 016	L	DUREZA 85	Caja Direc. Hid. Nissan
9182	26.00	38.00	7.00	A 016	L	DUREZA 85	Caja Direc. Hid. Toyota
9183	26.00	44.20	8.00	A 016	L	DUREZA 85	Caja Direc. Hid. Toyota
9184	30.00	46.00	8.00	A 016	L	DUREZA 85	Caja Direc. Hid. Toyota
9185	68.00	84.00	8.50	Lx-R	AH	ACM	Bancada Subaru
9186	17.00	35.00	7.00	Lr	L	NBR / FPM	Venturi - Banc. Hero Puch
9187	22.00	32.00	7.00	A 016	L	DUREZA 85	Direccion Hidraulica
9188	25.00	40.00	8.00	Lr	L	NBR	Industrial
9189	31.00	44.00	6.50	Lx	L	DUREZA 85	Ford Ranger - Direccion Hidraulica
9190	17.00	23.00	4.0/7.0	A 118	L	NBR	Peugeot 405 - Caja Veloc. Selec.
9191	90.00	110.00	7.00	A 156-R	AH	FPM	Citroen - Mazda - Peugeot - Suzuki - Bancada
9192	42.00	66.00	8.00	Lx-R	H	ACM / FPM	Citroen - Peugeot - Dist.
9193	30.00	50.00	8.00	Lx-R	H	ACM / FPM	Ford Focus - Distribucion motor 1.8 TD
9194	63.50	98.45	3.0/15.0	A 121-H	H	NBR / ACM	Ford 4000/14000-Piñon-Dif. Rockwell
9195	88.90	115.40	15.5/19.0	A 021	Bidi	NBR	Ford 14000 - Rueda Del.
9196	85.00	105.00	8.00	Lx-R	AH	FPM	Citroen - Peugeot - Renault Clio Motor F3P F8Q-Banc.
9197	18.00	30.00	6.00	Lz	Bidi	DUREZA 85	Bomba Hid.
9198	20.00	35.80	8.70	A 119	L	NBR	Amortiguador
9199	14.00	42.00	9.80	A 120	L	DUREZA 85	Amortiguador
9200	20.00	32.70	8.60	A 119	L	NBR	Amortiguador
9201	40.00	90.00	12.00	Lx	L	NBR	Industrial
9202	36.50	52.30	8.00	Lx-R	H	ACM / FPM	Fiesta-Ka-Courier-Dist. 1.0-1.3
9203	57.00	71.00	9.50	Lx-R	H	ACM / FPM	GM - Ford - MB - Motor Maxion - Dist.
9204	28.00	38.00	7.00	Lx-R	H	ACM / FPM	Ford - Mazda - Arbol de Levas
9205	35.00	48.00	7.00	Lx-R	H	ACM / FPM	Daewoo - Fiat - GM - Hyundai - Kia - Suzuki - Arbol de Levas
9206	23.00	43.00	10.50	A 125	L	NBR	Apache - Implementos Agricolas
9207	40.00	55.00	6.50	Ms	L	NBR / ACM	Ford Fiesta - Rueda Tras.
9208	25.40	44.50	6.50	Mx	Bidi	ACM	Ford 4000 - 14000 - Compresor
9209	101.80	152.00	25.50	A 129	L	NBR / MVQ	Palier Cosech. Deutz
9211	90.00	104.00	11.00	Mx-R	AH	FPM	Daewoo - GM - Banc.Mot. 1.8/2.0
9212	68.00	85.00	9.50	Mx-R	H	ACM	M. Benz 1621 - 1622 - Piñon
9213	112.30	130.00	11.00	Mx-R	AH	FPM	Pick Up C20 - D20 - Banc.
9214	40.00	52.00	3.0/8.5	A 082	L	NBR	Corsa-Monza-Motor 1.6-Rueda Tras.
9215	19.00	47.00	8.00	Lx	L	NBR	Bomba Agua c/Res.de A. Inoxid.
9216	26.00	41.00	8.50	A 016	L	DUREZA 85	Toyota Celica-Direc. Hid.
9217	25.00	47.00	7.00	A 101	L	NBR	Maq. Agricola - Pierobon
9218	110.00	135.00	9.00	Lx-R	AH	ACM	Nissan Camion - Banc.
9219	100.00	130.00	13.00	Lr	L	NBR	Valmet
9220	40.00	90.00	10.00	Kz	L	NBR	Maquinaria Agrícola
9221	35.00	54.90	9.0/14.7	A 128	Bidi	NBR	Daewoo - GM - Salida de Caja
9222	40.00	62.00	3.30	A 038	L	NBR	Cosech. Don Roque-Sacapaja
9223	40.00	52.0/58.0	7.50/6.00	A 170	L	NBR	Polo-Naftero y Diesel-Rueda Tras.
9224	42.00	62.0/64.0	21.20	A 130-R	H	ACM	Renault Trafic-Dif.-Doble Reten
9225	24.50	40.00	8.40	Lz-R	H	ACM	Trafic-Caja de Vel.-Directa

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional
Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9226	18.00	26.00	4.50	Lz	L	NBR	Renault 21-Caja Veloc.-Eje Selec.
9227	30.00	42.00	8.50	A 016	L	DUREZA 85	Caja Direc. Hidráulica
9228	30.00	47.00	8.50	A 016	L	DUREZA 85	Caja Direc. Hidráulica
9229	40.00	72.00	11.50	Kz	L	NBR	Semb.Gringa III-Crucianelli-Maza Rueda
9230	28.50	38.00	5.0/5.5	A 186	L	NBR	Cajas de mando
9231	84.00	104.00	11.00	Lx-H	AH	FPM	Nissan V 16 - Bancada
9232	32.00	47.00	9.00	A 133	L	NBR	Deutz - Mercedes
9233	41.20	50.80	4.76	Ms	L	NBR	Industrial
9234	140.00	180.00	15.00	Lz	L	NBR	Industrial
9235	29.00	40.00	7.00	Lx	L	NBR	Semb. Bertini-Eje Caja Cambios 9/27/81
9236	21.00	30.20	7.00	Lz	L	FPM	Bombas Turbion
9237	15.50	28.70	8.50	Lz	L	FPM	Bombas Turbion
9238	25.50	52.00	7.0/8.0	A 071	L	NBR	Suzuki AX 100-Banc.Lado Emb.
9239	10.80	20.00	9.00	Lx	L	NBR	Yamaha V 80 - Jianshe 80
9240	5.50	16.00	8.00	A 142	L	NBR	Suzuki AX 100 - Varilla Emb.
9241	58.00	74.00	8.00	A 145	L	ACM / FPM	Ford - GM - MB - Motor Maxion - Dist. Superior
9242	72.00	95.40	8.00	A 146	L	NBR	John Deere - Cosech.
9243	30.00	50.00	7.00	A 016	L	DUREZA 85	Toyota - Direc. Hid.
9244	28.00	41.00	7.00	Lx	L	DUREZA 85	Toyota Cressida-Direc. Hid.
9245	76.00	92.00	10.00	Lx-R	AH	ACM / FPM	Isuzu Trooper - Bancada
9246	98.00	116.00	10.00	Lx-R	AH	ACM / FPM	Suzuki Vitara - Bancada
9247	25.00	40.00	8.00	Lr	L	NBR	Yamaha V 80-Jianshe 80-Cigüeñal
9248	32.00	44.00	8.00	Lr	L	NBR	Yamaha V 80-Jianshe 80-Cigüeñal
9249	115.00	135.0/144.0	9.0/10.0	A 149-R	AH	ACM / FPM	Nissan Condor - Bancada
9250	82.55	107.93	12.50	A 158	L	NBR	Massey Ferguson-Salida Reductor
9251	24.50	36.00	3.20	Ls	L	NBR	Semb.- Rueda Linea de Siembra
9252	15.70	42.10	3.3/10.0	A 119	L	DUREZA 85	Amortiguador
9253	26.00	34.00	5.00	A 150	L	NBR	Gol-Gacel-Carat-Saveiro Diesel - Ford Galaxy
9254	12.00	24.00	10.00	Lx	L	NBR	Honda BIZ 100
9255	20.00	38.00	5.00	Lx	L	NBR	Yamaha V 80 - Jianshe 80 - Piñon
9256	31.00	52.4/64.0	10.0/15.5	A 154	L	NBR	Lav. Frontal Longvie
9257	24.50	-	10.50	A 181	L	NBR	Semb. Bertini - Maza
9258	36.50	50.50	7.00	Lx-R	H	ACM	Kia - Mazda Revue - Dist.
9259	25.00	47.00	13.00	Lx	L	NBR	Lavarropas Aurora
9260	58.00	82.00	10.00	Lx-R	H	ACM	Nissan Condor -Dist.
9261	20.50	41.10	7.00	Lx	L	DUREZA 85	Chevrolet Americano-Direc. Hid. / Ford Fiesta
9262	85.00	145.00	12.0/37.0	A 167	L	ACM	M. Benz 1633-1938-1941-Piñon Dif.
9263	88.90	122.90	18.7/21.7	A 164	Bidi	NBR	Cargo 13-15-22 Ton.Rueda Delantera
9264	21.80	35.00	7.00	Lx-R	H	ACM	Escort-Audi-Caja Veloc. MQ.-Directa
9265	98.40	144.50	16.00	A 166	L	NBR	Cargo 11-12-14 Ton. Rueda Tras.
9266	80.00	112.00	12.0/18.0	A 103-R	H	NBR	Cargo 15 Ton. Eje Tras.-Piñon Dif.
9267	21.50	48.00	8.40	A 169-R	AH	ACM	Fiesta-Escort-Caja Veloc.-Directa
9268	36.60	52.35	8.00	Mx-R	H	ACM / FPM	Fiesta-Ka-Courier-Dist. 1.0-1.3
9269	26.00	42.00	8.00	Mx-R	H	ACM / FPM	Daewoo - Fita - GM - Suzuki - Motor 1.0-1.4-1.6 - Distrib.
9270	80.00	98.00	10.00	LMx-R	AH	FPM	Daewoo - Fita - GM - Suzuki - Motor 1.0-1.4-1.6 - Bancada.
9271	50.00	65.00	8.00	Lx-R	AH	ACM / FPM	Silverado-Caja Vel.-Salida
9272	30.00	47.00	7.00	Lx-R	H	ACM	Fiat Palio-Siena-Eje Intermedio (16V)
9273	16.00	28.00	7.5/15.5	A 165	L	NBR	Escort - Caja Veloc.Eje Selector
9274	24.00	35.55/39.0	8.1/10.6	A 160-R	H	ACM	Peugeot 205 - Caja Vel.
9276	35.00	54.00	10.0/15.0	A 103	Bidi	NBR	Corsa - Mot. 1.0-1.4-1.6 Sal. Semieje
9277	21.00	32.00	7.50	Mx-R	H	NBR	Corsa - Mot. 1.0-1.4-1.6 Eje Primario
9278	66.67	89.30	10.00	Mx-R	H	ACM / FPM	Ford - Mazda - Mot 1.8 Diesel-T.Diesel Distrib.
9279	90.00	115.00	9.00	Mx	L	NBR	Bertini-Semb.14000-18000-22000-Ruedas
9280	37.70	58.06	7.00	A 101	L	NBR	Ind. Bufalo-Semb. W1770-Tanzi-Schiarre
9280Pist	58.00	63.50	9.50	A 229	L	CHAPA	Ind. Bufalo-Semb. W1770-Tanzi-Schiarre
9281	136.50	165.00	13.00	A 168	L	NBR	M.Ferguson-Punta de Eje-Doble Tracc. ZF
9282	55.50	85.70	12.70	Lx	L	NBR	Industrial
9283	42.00	53.00	7.00	Lx-R	H	ACM / FPM	Ford Escort-Mondeo motor Zetec 1.8-2.0.
9284	13.00	26.00	7.00	Lx	L	NBR	Corsa-Monza-Kadett-Astra-Vectra - Selector hasta 2004
9285	44.20	71.40	10.0/16.5	A 103-R	H	NBR / ACM	F100-Mod. '93 en Adel-Piñon Difer. Rockwell
9286	55.00	75.00	7.50	Mx	Bidi	NBR	Sprinter - Rueda Del. Interior
9287	45.00	65.00	8.00	Lx-R	AH	ACM	M.Benz-Sprinter-Caja Veloc.-Salida
9288	47.00	62.00	8.80	Lz-R	H	ACM / FPM	Ford - GM - MB - Motor Maxion-Arbol Levas
9289	48.00	58.00	7.00	Lx	L	NBR	Garro Fabril - Caja S.W. 2007
9290	55.00	68.00	8.0/11.7	A 179	L	NBR	Nissan V 16-Rueda Del.- Exterior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9291	56.00	74.20	8.0/10.7	A 179	L	NBR	Nissan V 16-Rueda Del.- Interior
9292	40.00	56.00	10.0/20.0	A 180	L	NBR	Nissan V 16-Caja de Vel.- Salida
9293	50.80	66.62	6.35	Mt	L	NBR	Ford - Rueda Del.
9294	45.00	60.00	8.00	Lx	L	NBR	Industrial
9295	50.00	70.00	10.00	Lx	L	NBR	Industrial
9296	48.00	62.00	7.00	Lx	L	NBR	Industrial
9297	12.00	36.00	7.00	Lx	L	NBR	Industrial
9298	17.00	36.00	7.00	Lx	L	NBR	Industrial
9299	30.00	55.00	10.00	Lx	L	NBR	Industrial
9300	47.00	62.00	8.00	Lx	L	NBR	Industrial
9301	55.00	70.00	8.00	Lx	L	NBR	Industrial
9302	42.00	56.00	7.00	Lx	L	NBR	Industrial
9303	50.00	62.00	7.00	Lx	L	NBR	Industrial
9304	30.00	50.00	7.00	Lx	L	NBR	Industrial
9305	55.00	75.00	10.00	Lx	L	NBR	Industrial
9306	12.00	19.00	7.00	Ls	L	NBR	Industrial
9307	18.00	40.00	7.00	Lx	L	NBR	Industrial
9308	30.00	60.00	7.00	Lx	L	NBR	Industrial
9309	12.00	28.00	7.00	Lx	L	NBR	Industrial
9310	22.00	47.00	7.00	Lx	L	NBR	Industrial
9311	30.00	60.00	8.00	Lx	L	NBR	Industrial
9312	18.00	26.00	7.00	Ls	L	NBR	Industrial
9313	25.00	47.00	7.00	Lx	L	NBR	Industrial
9314	16.00	35.00	7.00	Lx	L	NBR	Industrial
9315	35.00	72.00	8.00	Lx	L	NBR	Industrial
9316	19.00	30.00	7.00	Lx	L	NBR	Industrial
9317	22.00	46.00	7.00	Lx	L	NBR	Industrial
9318	17.00	38.00	7.00	Lx	L	NBR	Industrial
9319	5.00	16.00	6.00	Lx	L	NBR	Industrial
9320	13.00	30.00	13.00	Lx	L	NBR	Industrial
9321	17.00	45.00	7.00	Lx	L	NBR	Industrial
9322	11.00	17.00	4.00	Ls	L	NBR	Industrial
9323	20.00	31.00	7.00	Lx	L	NBR	Industrial
9324	20.00	46.00	7.00	Lx	L	NBR	Industrial
9325	25.00	60.00	8.00	Lx	L	NBR	Industrial
9326	7.00	20.00	7.00	Lx	L	NBR	Industrial
9327	9.00	26.00	7.00	Lx	L	NBR	Industrial
9328	26.00	40.00	8.00	Lx	L	NBR	Industrial
9329	30.00	55.00	7.00	Lx	L	NBR	Industrial
9330	35.00	65.00	8.00	Lx	L	NBR	Industrial
9331	32.00	42.00	7.00	Lx	L	NBR	Industrial
9332	8.00	24.00	7.00	Lx	L	NBR	Industrial
9333	11.00	30.00	7.00	Lx	L	NBR	Industrial
9334	12.00	17.00	5.00	Ls	L	NBR	Industrial
9335	17.00	42.00	7.00	Lx	L	NBR	Industrial
9336	9.00	24.00	7.00	Lx	L	NBR	Industrial
9337	17.00	47.00	8.00	Lx	L	NBR	Industrial
9338	35.00	60.00	8.00	Lx	L	NBR	Erca
9339	30.00	72.00	8.00	Lx	L	NBR	Industrial
9340	20.00	48.00	7.00	Lx	L	NBR	Industrial
9341	36.00	52.00	8.00	Lx	L	NBR	Industrial
9342	52.00	70.00	8.00	Lx	L	NBR	Industrial
9343	20.00	50.00	7.00	Lx	L	NBR	Industrial
9344	11.00	22.00	7.00	Lx	L	NBR	Industrial
9345	40.00	60.00	8.00	Lx	L	NBR	Industrial
9346	23.00	42.00	10.00	Lx	L	NBR	Industrial
9347	26.00	50.00	8.00	Lx	L	NBR	Industrial
9348	11.00	26.00	7.00	Lx	L	NBR	Industrial
9349	40.00	65.00	8.00	Lx	L	NBR	Industrial
9350	20.00	52.00	7.00	Lx	L	NBR	Industrial
9351	12.00	20.00	5.00	Ls	L	NBR	Industrial
9352	25.00	48.00	8.00	Lx	L	NBR	Industrial
9353	30.00	56.00	10.00	Lx	L	NBR	Industrial
9354	32.00	65.00	10.00	Lx	L	NBR	Industrial
9355	35.00	48.00	8.00	Lx	L	NBR / MVQ	Industrial

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - CI: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9356	13.00	27.00	7.00	Lx	L	NBR	Industrial
9357	22.00	50.00	8.00	Lx	L	NBR	Industrial
9358	30.00	65.00	8.00	Lx	L	NBR	Industrial
9359	24.00	42.00	8.00	Lx	L	NBR	Industrial
9360	24.00	52.00	8.00	Lx	L	NBR	Industrial
9361	35.00	78.00	8.00	Lx	L	NBR	Industrial
9362	24.00	46.00	8.00	Lx	L	NBR	Industrial
9363	30.00	58.00	8.00	Lx	L	NBR	Industrial
9364	35.00	80.00	8.00	Lx	L	NBR	Industrial
9365	24.00	50.00	8.00	Lx	L	NBR	Industrial
9366	32.00	60.00	8.00	Lx	L	NBR	Industrial
9367	36.00	72.00	8.00	Lx	L	NBR	Industrial
9368	35.00	54.00	8.00	Lx	L	NBR	Industrial
9369	40.00	80.00	10.00	Lx	L	NBR	Industrial
9370	25.00	45.00	7.00	Lx	L	NBR	Industrial
9371	38.00	65.00	12.00	Lx	L	NBR	Industrial
9372	38.00	78.00	8.00	Lx	L	NBR	Industrial
9373	25.00	44.00	7.00	Lx	L	NBR	Industrial
9374	38.00	70.00	8.00	Lx	L	NBR	Industrial
9375	45.00	85.00	10.00	Lx	L	NBR	Industrial
9376	26.00	52.00	8.00	Lx	L	NBR	Industrial
9377	44.00	62.00	8.00	Lx	L	NBR	Industrial
9378	42.00	80.00	8.00	Lx	L	NBR	Industrial
9379	30.00	48.00	8.00	Lx	L	NBR	Industrial
9380	25.00	55.00	8.00	Lx	L	NBR	Industrial
9381	38.00	72.00	10.00	Lx	L	NBR	Industrial
9382	44.00	60.00	8.00	Lx	L	NBR	Industrial
9383	62.00	100.00	10.00	Lx	L	NBR	Industrial
9384	47.00	68.00	8.00	Lx	L	NBR	Industrial
9385	48.00	82.00	8.00	Lx	L	NBR	Industrial
9386	32.00	56.00	8.00	Lx	L	NBR	Industrial
9387	47.00	70.00	8.00	Lx	L	NBR	Industrial
9388	48.00	90.00	8.00	Lx	L	NBR	Industrial
9389	27.00	45.00	8.00	Lx	L	NBR	Industrial
9390	35.00	68.00	8.00	Lx	L	NBR	Industrial
9391	30.00	44.00	10.00	Lx	L	NBR	Industrial
9392	75.00	100.00	10.00	Lx	L	NBR	Industrial
9393	47.00	72.00	8.00	Lx	L	NBR	Industrial
9394	50.00	90.00	8.00	Lx	L	NBR	Industrial
9395	27.00	47.00	10.00	Lx	L	NBR	Industrial
9396	48.00	74.00	10.00	Lx	L	NBR	Industrial
9397	48.00	88.00	8.00	Lx	L	NBR	Industrial
9398	30.00	56.00	8.00	Lx	L	NBR	Industrial
9399	48.00	63.00	11.00	Lx	L	NBR	Industrial
9400	56.00	75.00	8.00	Lx	L	NBR	Industrial
9401	52.00	85.00	10.00	Lx	L	NBR	Industrial
9402	33.00	50.00	10.00	Lx	L	NBR	Industrial
9403	35.00	64.00	8.00	Lx	L	NBR	Industrial
9404	48.00	78.00	8.00	Lx	L	NBR	Industrial
9405	55.00	88.00	8.00	Lx	L	NBR	Industrial
9406	34.00	54.00	8.00	Lx	L	NBR	Industrial
9407	36.00	70.00	8.00	Lx	L	NBR	Industrial
9408	38.00	80.00	8.00	Lx	L	NBR	Industrial
9409	40.00	90.00	8.00	Lx	L	NBR	Industrial
9410	34.00	55.00	8.00	Lx	L	NBR	Industrial
9411	40.00	70.00	8.00	Lx	L	NBR	Industrial
9412	62.00	95.00	10.00	Lx	L	NBR	Industrial
9413	45.00	58.00	8.00	Lx	L	NBR	Industrial
9414	50.00	82.00	8.00	Lx	L	NBR	Industrial
9415	57.00	92.00	11.00	Lx	L	NBR	Industrial
9416	40.00	74.00	8.00	Lx	L	NBR	Industrial
9417	34.00	56.00	8.00	Lx	L	NBR	Industrial
9418	55.00	82.00	10.00	Lx	L	NBR	Industrial
9419	36.00	55.00	8.00	Lx	L	NBR	Industrial
9420	40.00	75.00	8.00	Lx	L	NBR	Industrial

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9421	38.00	54.00	10.00	Lx	L	NBR	Industrial
9422	50.00	80.00	8.00	Lx	L	NBR	Industrial
9423	50.00	68.00	8.00	Lx	L	NBR	Industrial
9424	36.00	58.00	8.00	Lx	L	NBR	Industrial
9425	40.00	85.00	8.00	Lx	L	NBR	Industrial
9426	42.00	65.00	8.00	Lx	L	NBR	Industrial
9427	37.00	52.00	7.00	Lx	L	NBR	Industrial
9428	44.00	72.00	8.00	Lx	L	NBR	Industrial
9429	38.00	90.00	8.00	Lx	L	NBR	Industrial
9430	34.00	60.00	8.00	Lx	L	NBR	Industrial
9431	58.00	80.00	10.00	Lx	L	NBR	Industrial
9432	46.00	72.00	8.00	Lx	L	NBR	Industrial
9433	36.00	47.00	7.00	Lx	L	NBR	Industrial
9434	34.00	62.00	8.00	Lx	L	NBR	Industrial
9435	46.00	73.00	8.00	Lx	L	NBR	Industrial
9436	56.00	88.00	8.00	Lx	L	NBR	Industrial
9437	36.00	60.00	8.00	Lx	L	NBR	Industrial
9438	44.00	70.00	8.00	Lx	L	NBR	Industrial
9439	56.00	85.00	8.00	Lx	L	NBR	Industrial
9440	37.00	55.00	10.00	Lx	L	NBR	Industrial
9441	56.00	82.00	8.00	Lx	L	NBR	Industrial
9442	36.00	62.00	8.00	Lx	L	NBR	Industrial
9443	55.00	85.00	8.00	Lx	L	NBR	Industrial
9444	60.00	72.00	8.00	Lx	L	NBR	Industrial
9445	42.00	58.00	8.00	Lx	L	NBR	Industrial
9446	56.00	80.00	8.00	Lx	L	NBR	Industrial
9447	42.00	60.00	8.00	Lx	L	NBR	Industrial
9448	35.00	52.00	8.00	Lx	L	NBR	Industrial
9449	38.00	56.00	8.00	Lx	L	NBR	Industrial
9450	54.00	85.00	10.00	Lx	L	NBR	Industrial
9451	42.00	70.00	8.00	Lx	L	NBR	Industrial
9452	38.00	59.00	8.00	Lx	L	NBR	Industrial
9453	44.00	72.00	10.00	Lx	L	NBR	Industrial
9454	45.00	75.00	8.00	Lx	L	NBR	Industrial
9455	47.00	60.00	8.00	Lx	L	NBR	Industrial
9456	56.00	78.00	10.00	Lx	L	NBR	Industrial
9457	44.00	68.00	8.00	Lx	L	NBR	Industrial
9458	56.00	72.00	8.00	Lx	L	NBR	Industrial
9459	58.00	78.00	8.00	Lx	L	NBR	Industrial
9460	68.00	85.00	8.00	Lx	L	NBR	Industrial
9461	35.00	72.00	10.00	Lx	L	NBR	Industrial
9462	25.40	44.50	5.00	Lx	L	NBR	Industrial
9463	25.40	44.50	7.92	Mx	L	NBR	Hubber Warco
9464	73.50	95.00	9.00	Mz	L	NBR	Industrial
9465	25.00	38.0/41.5	7.50	A 192	L	DUREZA 85	Direc. Hidráulica
9466	110.00	140.00	12.0/21.0	A 182	Bidi	NBR	Volvo - Rueda Del.
9467	11.80	24.00	6.00	Lx	L	NBR	Industrial
9468	18.70	35.00	7.00	A 100	L	DUREZA 85	Direc. Hidráulica
9469	30.00	42.00	4.50	Lx	L	NBR	Magic 100 - Bancada
9470	13.00	24.00	6.00	Lx	L	NBR	Magic 100 - Eje de Arranque
9471	60.00	94.00	16.00	A 139	L	NBR	Tanzi-Siembra Directa-Rueda de Transp.
9472	28.00	60.00	8.00	Lx	L	NBR	Industrial
9473	40.00	80.00	10.00	Lz-R	H	NBR	Agrícola
9474	50.80	69.88	9.52	Lz	L	NBR	Industrial
9475	23.00	36.00	6.00	Lz-R	H	ACM / FPM	Citroen - Peugeot - Caja de Veloc.- Directa
9476	17.00	25.00	4.00	Lx	L	NBR	Caja de Direc. - Piñon
9477	48.00	72.00	8.4/9.0	A 208	L	NBR	Volkswagen Kombi - Rueda Tras.
9478	21.90	40.00	7.0/8.0	Lx-R	H	ACM	VW Caribe-Caja Veloc.-Flecha de Mando
9479	6.00	19.14	6.15	Lz	L	DUREZA 85	Industrial
9480	40.00	60.00	10.0/11.5	A 209	L	ACM	Ford - VW - Caja Veloc.Sal. Semieje
9481	18.00	30.00	6.00	Lz	L	ACM / FPM	Bombas Hidráulica
9482	47.60	68.00	14.00	A 210-R	H	ACM	Ford Cargo - Caja de Vel.
9483	57.20	82.60	14.00	A 211-R	AH	ACM	Ford Cargo - Caja de Vel.
9485	58.00	75.00	15.50	A 324	L	ACM	Fiat Ducato - Peugeot Boxer - Rueda Tras.
9486	50.80	69.88	9.52/12.52	A 053	L	NBR	Caja LG 1052 - Garro Fabril

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional
Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9487	11.90	24.00	6.00	Lx-R	H	FPM	Ford - GM - MB - Mot. Maxion-Alt. C/Depres.Bosch
9488	23.00	34.00	6.50	A 100	L	DUREZA 85	Toyota Corolla-Corona-Direc. Hid.
9489	19.00	38.00	7.00	A 100	L	DUREZA 85	Toyota Corolla-Corona-Direc. Hid.
9490	26.00	38.00	7.00	A 219	L	DUREZA 85	Toyota Corolla-Direc. Hid.
9491	23.00	38.00	6.5/7.0	A 219	L	DUREZA 85	Mitsubishi Lancer-Direc. Hid.
9492	32.00	42.00	6.00	A 220	L	DUREZA 85	Mitsubishi Montero-Direc. Hid.
9493	35.00	47.00	7.00	A 221	L	DUREZA 85	Mitsubishi Montero-Direc. Hid.
9494	20.00	30.00	7.00	A 100	L	DUREZA 85	Direc. Hidráulica
9495	24.00	40.00	7.00	A 100	L	DUREZA 85	Direc. Hidráulica
9496	15.00	35.00	8.00	A 100	L	DUREZA 85	Direc. Hidráulica
9497	20.00	32.00	6.00	A 100	L	DUREZA 85	Direc. Hidráulica
9498	21.80	31.70	5.00	Lx	L	NBR	Industrial
9499	33.00	44.00	8.00	Mx	L	NBR	Toyota Hilux - Rueda Del.
9500	17.00	28.00	7.00	Lx-R	H	ACM	Mitsubishi Minicab-Mirage-Lancer-B. Aceite
9501	25.00	35.00	6.00	Lx-R	H	ACM	Mitsubishi Mirage-B. Aceite-Eje Compens.
9502	20.00	30.00	7.00	Lx-R	H	ACM	Minicab-Mirage-Lancer-Charriot-B.Aceite
9503	36.00	52.00	10.00	Lx-R	AH	NBR	Lancer-Starion-Caja Veloc.-Sal.
9504	40.00	76.00	9.0/12.5	A 109-R	H	ACM	Honda Civic - Caja Trans.
9505	40.00	54.00	10.00	Lx	L	NBR	Suzuki
9506	74.00	90.00	10.00	Mx	L	NBR	Industrial
9507	60.00	82.00	12.00	Lx	L	NBR	Industrial
9508	75.00	100.00	10.00	Lz	Bidi	FPM	Atlas Copco - Imps. Agrícolas
9509	45.00	60.00	7.0/8.0	Lx	L	DUREZA 85	M. Benz-Direc. Hid.-Eje Sector
9510	26.00	37.00	7.0/8.0	Lx	L	DUREZA 85	M. Benz-Direc.Hid.-Sin Fin
9511	28.00	40.00	6.00	Lx	L	DUREZA 85	Fiat - GM - Direc. - Eje Sector
9512	28.00	38.00	6.50	Lt	L	DUREZA 85	Fiat - GM - Direc. - Eje Sector
9513	18.00	30.00	6.00	Lx	L	DUREZA 85	Fiat-Ford-GMC-Direc.-Sin Fin
9514	20.00	42.00	7.00	Lx	L	DUREZA 85	Fiat - VW - Direc.
9515	32.00	45.00	7.00	Lx	L	DUREZA 85	Ford-GM -Direc.-Eje Sector ZF
9516	20.00	40.00	8.00	Lr	Bidi	FPM	Ford - Volvo - VW - Direc.- Bomba Hid. ZF
9517	40.00	56.00	8.50	Lt	L	DUREZA 85	Ford - VW - Direc.-Sector de Caja
9518	45.00	62.00	8.00	Lt	L	DUREZA 85	Scania-Volvo-M.B.-Direc.-Sector Caja
9519	32.00	45.00	6.50	Lt	L	DUREZA 85	F 1000/2000-GM -VW-Direc.-Sin Fin ZF
9520	50.00	92.00	8.00	Lx	L	NBR	Industrial
9521	20.00	30.00	7.0/8.0	Lx	L	DUREZA 85	Sistema Hid. de Direc. - ZF
9522	20.00	35.00	8.00	Lr	L	DUREZA 85	Sistema Hid. de Direc. - ZF
9523	24.00	33.00	7.00	Lz	L	DUREZA 85	Sistema Hid. de Direc. - ZF
9524	19.05	33.33	7.93	Lx	L	NBR	Sistema Hid. de Direc. - ZF
9525	18.00	30.00	7.00	Lx	L	DUREZA 85	Fiat - Ford - GMC - VW - Direc. ZF
9526	26.00	34.00	4.5/7.0	A 148	L	DUREZA 85	Sistema Hid. de Direc. - ZF
9527	23.35	29.77	4.00	Lt	L	DUREZA 85	Caja Direccion - TRW - Brazo Pitman
9528	26.97	38.10	5.56	A 236	L	DUREZA 85	Caja de direccion -TRW
9529	19.05	34.64	6.28/9.00	A 135	L	DUREZA 85	Caja Direccion - TRW
9530	17.00	28.00	6.00	Mr	L	NBR	Direc. B. aceite - Volvo - Fiat - Ford
9531	34.50	59.20	12.70	Lx	L	MVQ/ACM	Cajas Maiceras de Grande
9532	50.60	71.40	14.00	Mz	L	MVQ/ACM	Cajas Maiceras de Grande
9533	40.00	68.00	7.00	Lx	L	NBR	Modulo Mando - Semb. Oripon
9534	17.00	30.00	7.00	Lr	L	FPM	Bombas Bosch
9535	127.00	152.43	12.70	Kz	L	ACM	Elevador Hyster
9536	90.00	125.00	15.00	A 134	L	NBR	Rueda Del. Elevador Yale - JP 25
9537	27.00	42.0/76.0	16.0/13.5	A 228	L	NBR	Bombas Marca Racine
9538	44.45	66.80	7.36	A 101	L	NBR	Rueda Tras. Int. Elevador
9539	50.57	73.66	7.36	A 101	L	NBR	Rueda Tras. Ext. - Elev. Hyster
9540	38.00	51.00	5.70	Mx	L	NBR	Industrial
9541	38.00	59.00	14.00	Lx	L	NBR	Sembradoras Concord
9542	40.00	59.00	9.00	Lx	L	NBR	Sembradoras Concord
9543	59.40	86.00	5.00	Ls	L	NBR	Industrial
9544	86.50	99.00	6.2/9.0	A 227	L	NBR	Chevrolet S10-Blazer-Rueda Del.
9545	47.00	70.00	5.50	Ls	L	NBR	industrial
9546	56.00	76.00	6.0/12.0	A 197	L	NBR	Mitsubishi L 200-Maza Rueda Del.
9547	35.80	68.00	12.00	Mx	L	NBR	Lada Niva 4 x 4-Piñon Cond. Trans. Princ.
9548	43.66	65.05	12.70	Mx	L	NBR	Industrial
9549	57.15	85.62	9.52	Mx	L	NBR	Industrial
9550	31.75	50.26	6.35	Mx	L	NBR	Industrial
9551	38.10	50.36	6.35	Mx	L	NBR	Industrial

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9552	111.12	152.42	12.70	Kz	L	NBR	industrial
9554	35.00	56.00	9.0/15.0	A 109	L	NBR	Mazda-Familia-Laser-323 (F.W.D.)- Kia Pride
9555	39.60	52.00	10.0/11.0	A 114	L	NBR	Montero-Caja Transf.-Sal. Tras.
9556	15.00	32.00	7.5/8.5	A 231	L	FPM	Hyundai - Nissan - Alternador
9557	50.00	116.00	13.0/17.0	A 135	L	NBR	Tractor Zanello-Z Trac-Toma Fuerza
9558	47.00	120.00	15.00	A 232	L	NBR	Zanello-Z Trac-Difer.-Piñon-Eje Tras.
9559	60.00	80.00	14.00	A 233	L	NBR	Zanello - Z Trac - Difer. - Eje Del.
9560	40.50	62.00	5.00	Ls	L	NBR	Industrial
9561	31.00	50.00	8.00	Lx	L	NBR	Industrial
9562	35.00	48.00	12.50	Lx	L	NBR	Industrial
9563	36.00	49.00	7.00	Lx	L	NBR	Industrial
9564	38.00	54.00	8.00	Lx	L	NBR	Industrial
9565	40.00	55.00	7.00	Lx	L	NBR	Industrial
9566	84.00	104.00	11.00	Lx	L	NBR	Industrial
9567	40.00	82.00	8.00	Lx	L	NBR	Industrial
9568	38.00	47.00	7.00	Lx	L	NBR	Toyota 4x4 - 4x2 - Centro Cardan
9569	32.00	52.4/64.0	10.0/15.5	A 154	L	NBR	Lavarropas Longvie (Mod. Nuevos)
9570	38.10	59.13	12.70	Mx	L	NBR	Industrial
9571	9.52	19.05	6.35	Mx	L	NBR	Industrial
9572	19.05	31.75	7.92	Mx	L	DUREZA 85	Industrial
9573	11.12	22.22	9.52	Mx	L	NBR	Industrial
9574	26.80	38.05	5.50	A 244	L	NBR	Industrial
9575	22.22	34.90	6.35	A 241	L	NBR	Bombas Vacio Motores Perkins
9576	22.22	41.25	6.35	A 241	L	NBR	Mot. Estac. de Gas Kohler
9577	28.57	41.20	6.35	Ls	L	NBR	Industrial
9578	28.57	38.05	6.35	Ls	L	NBR	Industrial
9579	38.10	50.80	6.35	Mx	L	NBR	Industrial
9580	38.10	60.30	12.70	Lx	L	NBR	Industrial
9581	22.00	31.00	6.50	A 243	L	DUREZA 85	Industrial
9582	30.00	63.20	17.00	A 134	L	NBR	Lavarropas Whirpool
9583	20.00	35.00	6.00	Lz	L	DUREZA 85	Industrial
9584	31.75	50.27	10.31	A 246	L	NBR	Industrial
9585	44.45	62.00	11.91	A 246	L	NBR	Industrial
9586	18.40	26.40	3.60	Mx	L	ACM / FPM	Motosierras Husqvarna
9587	15.00	26.00	5.00	Mx	L	ACM / FPM	Motosierras Husqvarna
9588	63.50	89.02	6.35	A 250	L	NBR	Industrial
9589	38.10	61.90	9.52	Mx	L	NBR	Industrial
9590	28.50	38.00	7.00	A 113	L	NBR	Agricola
9591	62.00	100.00	12.00	Kz	L	NBR	Agricola
9592	34.00	52.00	6.5/8.0	A 101	L	NBR	Industrial - Agrícola
9593	30.17	50.36	6.35	Mz	L	NBR	Industrial
9594	25.40	40.00	7.95	Mx	L	NBR	Industrial
9595	40.00	80.00	8.00	Lt	L	NBR	Industrial
9596	85.00	125.00	12.00	Lx	L	NBR	Industrial
9598	29.50	42.00	5.00	Lx	L	NBR	Industrial
9599	22.00	32.00	4.50	Lz	L	NBR	Industrial
9600	25.40	39.65	9.52	Mz	L	NBR	Industrial
9601	22.23	31.88	4.78	Mt	L	NBR	Industrial
9602	25.40	34.92	4.75	Mt	L	NBR	Industrial
9603	43.66	65.07	12.70	A 246	L	NBR	Industrial
9604	57.15	77.75	6.35	A 250	L	NBR	Industrial
9605	39.00	63.00	7.0/9.4	A 256	L	NBR	Pick Up Isuzu y Chev. LUV - Cardan
9606	42.00	54.00	5.80	Lx-R	H	FPM	Renault - Volvo - Dist. - Motor 1.9 Diesel
9607	25.00	42.00	7.00	Lx-R	H	FPM	Renault - Volvo - Arbol Levas - Mot. 1.9 Diesel
9608	88.00	108.00	10.00	Lx-R	AH	FPM	Escort-Motor Zetec-16 Valv.-Banc.
9609	114.00	135.00	13.00	LMx-R	AH	FPM	Fiat Iveco 150 Turbo - Bancada
9610	31.75	50.27	6.35	A 246	L	NBR	Industrial
9611	19.00	25.45	10.5/12.5	A 258	L	NBR	Lavarropas Eslabon de Lujo
9612	41.28	65.07	6.35	A 246	L	NBR	Industrial
9613	22.80	40.00	7.00	Mx-R	H	ACM	Fiat Palio-Siena-Caja Vel. -Directa
9615	55.00	70.30	8.00	A 156-R	AH	FPM	Vectra-Astra-Eje Com. Dist.
9616	40.00	-,-	-,-	A 267-R	H	FPM	Ford Fiesta-Courier-Diesel-Ar. Aux.
9620	29.00	36.00	8.00	Ms	L	NBR	Kia Ceres - Rueda Camioneta
9621	40.00	53/72	30.00	A 260	L	NBR	Asia - Kia Ceres - Salida de caja
9622	-,-	46.00	4.80	A 259	L	NBR	Toyota - Servo Freno

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional
Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9623	47.60	66.70	11.30	Lx-R	H	FPM	Transit-Motor 2.5 Diesel - Arbol de levas
9624	49.20	62.50	8.0/13.0	A 190	L	NBR	Transit-Motor 2.5 Diesel-Rueda Del.
9625	30.00	52.00	7.0/11.0	A 262-R	H	FPM	Laguna-Master - Mot.2.2 D - Sal. Semi Eje Largo
9626	100.00	125.00	15.00	Lr	L	NBR	Valmet 785 C - Palier
9627	11.50	27.00	7.50	A 263	L	NBR	GM - Ford - MB - Mot.Maxion Gemini HS-Tapa Val.
9628	47.60	57.15	5.00	Mz-R	H	FPM	Ford 14000-Caja Veloc.-Eaton-Directa
9629	24.20	35.85	3.30	A 264	L	NBR	Rueda Compactadora Sembradoras
9630	50.90	56.80	5.9/7.2	A 266	L	DUREZA 85	Amortiguadores de Competicion
9631	39.90	45.80	5.5/7.2	A 266	L	DUREZA 85	Amortiguadores de Competicion
9632	90.00	115.00	13.00	A 268	L	NBR	Tractor Deutz-Modelo Viejo-Trans.
9633	29.50	42.00	3.30	A 264	L	NBR	Rueda Compactadora Sembradoras
9634	40.00	78.00	8.00	Lx	L	NBR	Industrial
9635	28.50	43.00	6.50	A 269	L	DUREZA 85	Renault 19-Direc. Hid.-Caja Koyo
9636	17.00	32.00	7.00	Lx	L	NBR	Industrial
9637	25.00	37.00	7.00	Lx	L	NBR	Industrial
9638	47.70	73.10	9.5/17.5	A 270	L	NBR	GM S10-Blazer-Ford Ranger
9639	30.00	58.10	11.00	Mz-R	AH	NBR	GM S10-4 X 4-Sal. Trans.
9640	38.00	50.00	8.00	A 156-R	H	FPM	Daihatsu - GM - Toyota - Dist. - A. de Levas
9641	18.00	32.00	7.00	Lx	L	NBR	Industrial
9642	65.00	85.00	8.0/3.8	Lz	L	NBR	Mainero - Maza de Rueda
9643	--	57.00	10.50	A 271	L	NBR	Megane - Laguna - Tapon Estanq.
9644	--	42.50	9.00	A 271	L	NBR	Megane - Laguna - Tapon Estanq.
9646	70.00	179.00	14.00	A 315-R	H	FPM	Fiat Ducato - Iveco Daily - Renault Master - Distribucion - Motor 2.5 - 2.8
9647	19.00	32.00	6.00	A 273	L	DUREZA 85	Toyota Corolla - Caja Direc. Hid.
9648	33.00	47.00	5.00	Lx-R	H	FPM	Ford Fiesta - Mazda - Mot.Zetec 1.4 Dist.-16 Val.
9649	38.00	52.00	6.00	Lx-R	H	FPM	Ford Fiesta - Mazda - Mot. Zetec 1.4 A. Levas-16 Valv.
9650	47.00	80.00	13.80	Mx	L	NBR	Apache
9651	98.00	120.00	7.00	A 156-R	AH	FPM	Boxer-Diesel-Turbo Diesel-Banc.
9652	29.80	52.00	10.0/13.5	A 103-R	AH	ACM	Regatta-Tempra-Marea-Sal. Semi Eje Izq.
9653	29.80	50.00	10.0/13.5	A 103-R	H	ACM	Regatta-Tempra-Marea-Sal. Semi Eje Der.
9654	64.00	88.00	6.00	A 156-R	H	FPM	Boxer-Diesel-Turbo Diesel-Distrib.
9655	26.50	43.00	9.50	A 125	L	NBR	Gherardi
9656	85.00	105.00	6.8/11.0	A 275-R	AH	FPM	Megane-Express-Kangoo-Mot .F8Q-F9Q-Banc.
9657	61.50	76.20	8.00	A 201	L	NBR	F 100-C/Motor Cummins-Rueda Del.
9658	73.03	98.45	10.40	A 128	Bidi	NBR	F 100-C/Motor Cummins-Rueda Tras.
9661	12.00	20.00	9.0/11.0	A 276	L	NBR	Lavarropas Eslabon de Lujo
9662	70.00	90.00	13.50	A 184	L	NBR	Peugeot Boxer- Fiat Ducato - Rueda Trasera - 1800 Kg.
9663	91.00	111.00	10.00	A 278-R	AH	FPM	GM - Mot. MWM Sprint 4 Y 6 Cil. - Mitsubishi - Bancada
9664	64.00	80.00	9.00	A 278-R	H	FPM	GM - Mot. MWM Sprint 4 Y 6 Cil. - Mitsubishi - Distribucion
9665	38.00	74.00	9.00	A 274-R	H	ACM	Toyota Hilux - Diferencial
9666	168.00	198.00	16.5/21.0	A 280	L	NBR	Deutz-Valmet-M. Ferguson-Trans. ZF
9667	56.00	75.00	22.50	A 281	L	NBR	Deutz-Valmet-M. Ferguson-Trans. ZF
9668	19.00	32.00	3.00	A 283	L	NBR	Cabezal Maicero
9669	99.00	114.00	11.00	A 284-R	AH	FPM	Astra-Vectra-Zafira-Omega-Bancada
9670	55.00	68.00	8.00	A 156-R	H	FPM	Astra-Vectra-Zafira-Omega-Dist.
9671	98.00	110.00	8.50	A 285-R	AH	FPM	Renault Laguna - Volvo - Mot. N7Q - Banc.
9672	35.00	47.00	5.60	A 156-R	H	FPM	Renault Laguna - Volvo - Mot. N7Q - Distrib..
9673	45.00	57.00	7.00	Mx-R	H	FPM	Renault Laguna - Volvo - Mot. N7Q-Arbol de Levas-Del.
9674	30.00	47.00	7.00	A 156-R	AH	FPM	Renault Laguna - Volvo - Mot. N7Q-Arbol de Levas-Tras.
9675	93.00	108.00	7.00	A 156-R	AH	FPM	Laguna G8T - 2.2 Diesel - Banc.
9676	46.00	59.00	7.00	A 156-R	H	FPM	Laguna G8T - 2.2 Diesel - Dist.
9677	33.00	43.00	6.00	A 156-R	H	FPM	Laguna G8T-2.2 D -Arbol Levas-Delant.
9678	33.00	44.00	7.00	A 156-R	AH	FPM	Laguna G8T-2.2 D -Arbol Levas-Tras.
9679	100.00	114.00	12.00	Mx	L	NBR	Nissan Condor - Rueda Del.
9680	127.00	146.00	10.00	A 257	L	NBR	Nissan Condor - Rueda Tras. - Int.
9681	38.50	52.20	5.0/15.0	A 286	L	NBR	Toyota Servo Freno
9682	58.00	102.00	12.00	A 184-R	H	ACM	Toyota Dyna - Piñon
9684	60.00	73.00	10.50	A 156	Bidi	FPM	Sprinter - Salida Dif. - Eje Tras.
9685	40.00	70.00	13.00	A 287	L	ACM	Sprinter - Piñon - Eje Tras.
9686	55.55	73.03	9.52	Kx	L	NBR	Transmision H55XM
9687	106.35	127.00	9.52	Kx	L	NBR	Transmision H80XL
9688	28.00	42.00	5.00	A 156-R	H	FPM	Megane-Clio-Mot.1.6-16 V-Arbol Levas
9689	53.98	81.00	11.90	A 216	L	NBR	Agricola - Crucianelli
9690	28.00	-	7.00	A 207	L	NBR	Rueda Tras.en V-Semb. Bertini-Mod.10000
9691	35.00	58.15	12.70	Mx	Bidi	NBR	Ranger-Rueda Tras.-Palier(28 Estrias)

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9692	41.10	65.40	12.40	Mz	Bidi	NBR	Ranger-Explorer-Rueda Tras.-Palier(31 Estrias)
9693	49.00	65.50	7.50	A 288	L	NBR	Ranger - XL - XLT - Rueda Del.
9694	37.00	60.00	12.0/30.0	A 289-R	AH	NBR / ACM	Ranger-Caja Vel.-Mazda-Salida
9695	65.00	80.00	9.00	Lz	L	NBR	Maza de Rueda - Mainero
9696	28.00	50.70	6.35	Lx	L	DUREZA 85	Direccion Hidraulica
9697	92.05	123.82	19.05	A 290	L	NBR	Maquinas Agricolas
9698	49.00	100.00	8.00	A 293	L	NBR	Camión Izuu - NKR - Rda. tras
9699	79.50	113.00	12.0/22.0	A 108	L	NBR	Camión Izuu - NKR - Rda. tras
9700	52.00	112.00	10.5/15.5	A 294	L	NBR	Camión Chevrolet - NPR -Rda. tras. Exterior
9701	70.00	112.00	10.0/18.0	A 295	L	NBR	Camión Chevrolet - NPR -Rda. tras. Interior
9702	20.00	47.00	8.40	Mx	L	NBR	Bertini Sem.10000 - Rda. tras.
9703	-	-	-	A 291	L	NBR	Camión Volvo - Sello perno de eje
9704	52.00	68.00	6.00	Mt	L	NBR	Camión Volvo - Sello perno de eje
9705	10.00	16.00	6.00	Mt	L	NBR	Industrial
9706	8.00	16.00	6.00	Mt	L	NBR	Industrial
9707	12.00	20.00	4.00	Mt	L	NBR	Industrial
9708	15.87	28.50	12.70	Ks	L	NBR	Clark
9709	30.00	62.00	13.00	A 292	L	NBR	Maquinas agricolas
9710	63.30	92.50	8.30	A 101	L	NBR	Hyster
9711	30.00	52.00	10.00	A 292	L	NBR	SLC - Caja de discos Doble
9712	14.20	28.55	13.50	Ms	L	NBR	Case - Fiat Allis - Michigan
9713	98.42	130.35	21.80	A 077	L	NBR	Autoelevadores - Maza Delantera GPY-CGP 20/25/30 Toneladas
9714	79.37	114.45	19.05	A 077	L	NBR	Autoelevadores - Maza Delantera CPX-15E- CMP280
9715	23.00	35.00	6.5/7.0	A 219	L	DUREZA 85	Direccion Hidraulica
9716	73.00	95.20	12.70	Kz	L	NBR	Caterpillar - Yale
9717	50.80	73.00	12.70	Kz	L	NBR	Caterpillar - Michigan
9719	47.70	72.95	12.00	Kz	L	NBR	Hubber Warco -Trans. Eje Comando Final
9720	25.40	47.55	11.10	Kz	L	NBR	Caterpillar
9721	76.20	101.65	11.00	Kx-R	H	ACM	FNM 210 - Entrada de Trans.
9722	60.30	90.00	12.50	Mx	L	ACM	Case - Fiat Allis - Michigan
9723	54.00	90.00	12.50	Mx	Bidi	ACM	Case - Fiat Allis - Michigan
9724	54.00	73.00	11.00	Mx	Bidi	ACM	Case - Fiat Allis - Michigan
9725	85.70	107.85	12.70	Kz	L	NBR	Caterpillar
9726	24.00	34.00	5.00	Lz	L	DUREZA 85	Ford Ranger Dirección Hid.-Valv.-Inf.
9727	38.10	50.30	11.10	Kz	L	NBR	Case - Hubber Warco
9728	50.00	72.00	10.00	Lz-R	AH	ACM	Industrial
9729	82.50	101.60	9.50	Mx	L	NBR	Fiat Allis
9730	25.00	37.00	8.00	A 156-R	H	ACM	Toyota Tercel-Corsa-Corolla II-Sprinter Carib.-
9731	24.00	42.00	8.50	A 016	L	DUREZA 85	Direccion Hidraulica - Cremallera
9732	25.00	36.00	5.00	A 273	L	DUREZA 85	Direccion Hidraulica
9733	22.00	32.00	5.50	Lx	L	NBR	Lambretta - Arbol Arranque
9734	63.50	85.55	12.70	Mx	L	NBR	Caterpillar
9735	57.00	85.00	12.00	Mz	Bidi	ACM	Fiat Allis - AD7B-Diferencial
9736	60.30	79.40	12.00	Mx	Bidi	ACM	Case - Fiat Allis - Ejes Eaton Salida de Transmis.
9737	27.00	43.00	7.10	Mz	L	NBR	Caterpillar
9738	18.80	31.70	11.00	Mx	L	ACM	Case - Fiat Allis - Eje De Enganche
9739	19.00	25.40	3.20	Mt	L	NBR	Caterpillar
9740	15.90	25.35	6.40	Mx	L	NBR	Caterpillar
9741	12.70	25.35	6.40	Mx	L	NBR	Caterpillar - G.M.D.D. - Tacometro
9742	12.70	22.20	8.00	Mz	L	ACM	Caterpillar
9743	25.00	32.00	4.45	Lz	L	FPM	Deutz - Arbol Impulsor Hueco
9744	35.00	82.90	10.00	Lx	Bidi	NBR	Marchesan - Rocadeira - Eje Reductor
9745	28.00	40.00	8.00	A 156	L	DUREZA 85	Toyota Corolla - Camry - Celica - Direccion Sector
9746	120.00	140.15	13.00	Mx-R	H	ACM	VME- Cigüeñal
9747	95.30	120.55	12.70	Kx	L	NBR	Hubber Warco - Arbol de Comando
9750	73.00	101.60	12.70	Kx	L	NBR	Lavrale
9751	69.80	95.20	12.70	Kx	L	NBR	Caterpillar - Maquinas Agricolas
9752	66.70	92.00	12.00	Kx	L	NBR	Caterpillar
9753	65.00	92.00	17.80	Kx	L	NBR	Caterpillar
9754	63.50	89.90	12.00	Kx	L	NBR	Caterpillar
9755	136.50	168.25	15.90	Kx	L	NBR	Caterpillar - Maquinas Agricolas
9756	50.80	81.00	11.90	Kx	L	NBR	Caterpillar
9757	49.20	80.90	11.00	Kx	L	NBR	Caterpillar
9758	25.00	48.0/54.0	8.50	A101	L	NBR	Maza Rueda Semb. Pierobon
9759	37.70	62.00	7.00	A101	L	NBR	Maza Rueda Semb. Labranza Cero Tanzi

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional

Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9760	63.00	78.00	9.5/15	A103	L	NBR	Rueda tras.Transit Larga (Tipo 51)
9761	34.00	54.10	11.00	Lx	Bidi	NBR	Salida Palier Transit Corta (Tipo 34)
9762	114.30	155.55	14.00	Kx	L	NBR	Case
9763	101.60	139.75	14.30	Kx	L	NBR	Hubber Warco-Rueda Delantera D10/11D
9764	114.30	139.65	12.70	Kx	L	NBR	Caterpillar
9765	92.10	123.85	21.00	Kx	L	NBR	Hubber Warco
9766	20.00	40.40	6.00	A 120	L	DUREZA 85	Amortiguador
9767	42.00	75.0/99.5	12.0/7.50	A 296-R	H	ACM	Piñon - Transit
9768	45.80	70.55	10.80	A 098-R	H	ACM	Piñon - Ranger/Explorer. Mot. 2.5
9769	60.00	90.00	14/16.3	A 298-R	H	FPM	Piñon Ducato Maxi-Iveco Daily 2.80
9771	70.00	86.00	7.00	A 156-R	AH	FPM	Bancada Twingo motor D7F
9772	46.00	76.00	5.0/6.0	Mz	L	NBR	Rolos arrolladora Mainero
9773	65.50	100.25	13.3/22.3	A 302	L	NBR	Rueda del. Ranger-Explorer 4x4
9774	12.00	21.00	4.00	Lx	L	NBR	Industrial
9775	27.95	70.00	10.00	A 301-R	H	NBR	Salida Semieje - Megane - Laguna - Gde
9777	48.00	62.00	7.00	Lx	Bidi	ACM	Salida semieje - VW Polo - Seat - Audi A3
9778	59.00	75.00	9.0/11.5	A 103	L	NBR	Maza Rueda delantera-Isuzu-Chevrolet Luv 4x4
9779	53.00	69.00	16.00	A 304	L	NBR	Semieje - Isuzu-Chevrolet Luv - 4x4
9780	14.00	20.00	3.00	Lt	L	NBR	Selectora Corsa Mod. 2004 en adelante
9781	12.00	24.00	5.00	Lx	L	NBR	Industrial
9782	12.00	24.00	6.00	Lx	L	NBR	Industrial
9783	16.00	30.00	8.00	Lx	L	NBR	Industrial
9784	19.00	26.00	7.00	Lx	L	NBR	Industrial
9785	25.00	40.00	9.00	Lx	L	NBR	Industrial
9786	26.00	38.00	8.00	Lx	L	NBR	Industrial
9787	26.00	52.00	7.00	Lx	L	NBR	Industrial
9788	26.00	56.00	8.00	Lx	L	NBR	Industrial
9789	27.00	39.00	10.50	Lx	L	NBR	Industrial
9790	28.00	40.00	8.00	Lx	L	NBR	Industrial
9791	29.00	43.00	10.00	Lx	L	NBR	Industrial
9792	30.00	42.00	11.00	Lx	L	NBR	Industrial
9793	31.00	43.00	10.00	Lx	L	NBR	Industrial
9794	32.00	43.00	10.00	Lx	L	NBR	Industrial
9795	32.00	43.00	12.50	Lx	L	NBR	Industrial
9796	32.00	44.00	10.50	Lx	L	NBR	Industrial
9797	33.00	45.00	10.50	Lx	L	NBR	Industrial
9798	35.00	48.00	10.50	Lx	L	NBR	Industrial
9799	35.00	48.00	11.00	Lx	L	NBR	Industrial
9800	66.00	85.00	8.0/10.00	A 303	L	NBR	Rueda Del. Toyota Hilux 2002-2005
9801	46.00	102.00	10.5/15.5	A 294	L	NBR	Rueda Tras. (Ext.) Hyundai Mighty
9802	32.00	44.00	6.00	Lx-R	H	FPM	Isuzu - Renault Twingo Mot. D7F - Distribucion
9803	60.00	90.00	13.00	A 111	L	NBR	Apache
9804	52.00	70.00	10.00	Mx	L	NBR	Maza Delantera Kia Besta - Topic
9805	32.00	39.00	8.00	A 305	L	NBR	Maza Trasera Kia Frontier
9806	32.00	54.00	6.50	A 306	L	NBR	Eje Trasero Peugeot 206
9807	25.00	34.00	5.00	Lz	L	DUREZA 85	Ford Ranger Dir. Hid.-Valv.-Inf.Standard
9808	32.00	47.00	9.50	A 080	L	NBR	Salida Semieje izquierdo Trafic
9809	22.00	38.00	8.50	A 016	L	DUREZA 85	Direccion Hidraulica Toyota
9810	25.00	43.00	9.00	A 016	L	DUREZA 85	Direccion Hidraulica Toyota
9811	35.00	50.00	8.00	A 016	L	DUREZA 85	Direccion Hidraulica Toyota SW4
9812	23.00	34.5/38.0	7.50	A 192	L	DUREZA 85	Direccion Hidraulica
9813	25.00	55.00	10.0/11.0	A 307	L	NBR	Lavarropas Drean
9814	10.00	24.00	8.00	A 090	L	NBR	Motor fuera de borda - Da Dalt
9815	20.00	31.75	6.00	Mx	L	NBR	Industrial
9816	70.00	88.00	8.00	A 156-R	AH	FPM	Bancada Fiat - Motor Fire 16V - Sin Porta.
9817	50.00	66.50	13.0/16	A 308	L	NBR	Rueda Del. Mitsubishi Lancer - Mirage
9818	23.00	41.00	8.00	A 016	L	DUREZA 85	Direccion Hidraulica
9819	78.00	115.00	10.0/19.0	A 309	L	NBR	Rueda Trasera Interior - Toyota
9820	17.00	28.50	7.00	Lr	L	DUREZA 85	Bombas Hidráulicas
9821	30.00	45.00	16.00	A 053	L	NBR	Mainero
9822	34.90	52.30	9.50	Kz	L	NBR	Caterpillar
9824	19.00	34.50	3.90/6.10	A 310	L	DUREZA 85	Dir. Hidraulica val. Superior caja TRW
9825	27.00	37.00	7.00	A 156-R	H	ACM/FPM	Distrib. Fiat motor Fire 8 y 16 val.
9826	39.95	62.00	7.40	Lx-R	H	FPM	Ford - Escort - Fiesta - Ka - Eco Sport - Distrib.motor Rocam 1.0-1.6
9827	32.00	52.00	9.00	Lx-R	AH	ACM	Industrial

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9828	85.00	-	-	A 311-R	AH	TEF	Bancada VW 1.9 Diesel / 1.0 nafta
9829	42.00	67.00	10.00	Lx	Bidi	NBR	Suzuki Swif - Semi eje
9830	64.00	-	19.00	A 316-R	AH	FPM	Bancada Fiat Palio-Siena- Motor Torque 1.6 16V
9831	49.30	68.15	13.50	Mr	L	FPM	Chevrolet S10-Blazer-4 X 4-Caja Transferencia
9832	69.90	98.45	12.70	Kz	L	NBR	Rueda trasera Ford 350
9833	21.00	29.00	8.00	Ls	L	NBR	Industrial
9834	13.00	-	15.50	A 317	L	NBR	Pionera Super III - IV-Gringa V- cuerpo de siembra
9835	20.60	41.40	6.60	Lz	L	DUREZA 85	Valvula Superior Dir. Hidraulica Ford Ranger
9836	50.00	70.00	9.5/12.5	A 053	L	NBR	Cabezal Maicero - Premium - Maizco
9837	73.00	90.00	8.00	Kx	L	NBR	Camion Isuzu NKR - Rueda Delantera
9838	32.00	55.00	10.00	A 111	L	NBR	Apache
9840	100.00	128.00	15.0/25.0	A 088	L	NBR	Semi eje Trasero Ford 600-700-FT700
9841	25.00	52.00	8.00	Lx	L	NBR	Yamaha DT 180-RX125-RD135-Punta Cigüeñal
9842	30.00	50.00	11.00	Lx	L	NBR	Eje Bomba Hidraulica - Komatsu - Tobata
9843	65.00	100.00	13.00	Lx	L	NBR	Massey Ferguson -3MD30 - eje aux.-eje comando
9844	80.00	100.00	13.00	Kx	L	NBR	Salida Transmision Scania 75/76/101/110/111...
9845	70.00	100.00	12.00	Lz	L	NBR	Eje Rueda Fiat 70/130 - Scania 75/76/110/111/...
9846	47.60	68.00	10.00	A 098-R	H	ACM	Eje Piloto - Eaton
9847	17.00	30.0/37.0	8.0/2.0	A 318	L	FPM	Alternador Toyota Corolla 1C-Hilux L2-L3-L5
9848	34.00	63.00	9.0/15.0	A 109-R	AH	NBR	Semieje - Toyota Corolla 95 en adel.
9849	22.00	40.00	10.00	A 158	L	NBR	Lavarropas.Electrolux.Aurora.Candy.Fagor
9850	12.00	28.00	7.00	A 231	L	FPM	Alternador GM. Corsa Diesel 1.7
9851	45.00	75.00	10.00	Lx-R	AH	FPM	Mando Bomba inyectora Iveco 190.33
9852	18.00	32.00	6.00	Lx-R	H	ACM	Bomba de aceite GM Corsa Diesel 1.7
9853	12.50	22.50	6.00	Lx	L	FPM	Distribuidor Honda Civic-Accord Mod 90 a 96
9854	55.00	85.80	12.00	Lx	L	NBR	Implementos Agrícolas
9855	63.00	102.00	11.00	Lx	L	NBR	Implementos Agrícolas
9856	25.00	34.00	4.00	Lt	L	NBR	Rueda Sembradora
9857	35.00	56.00	10.00	Lz-R	AH	ACM	Salida caja GM S-10 - Blazer 4 x 2
9858	17.00	36.00	6.60	Mz-R	H	FPM	Bomba Hidraulica Saginaw C/Ruleman - Linea VW
9859	19.00	36.00	6.60	Mz-R	H	FPM	Bomba Hidraulica Saginaw C/Ruleman
9860	47.00	69.00	10.0/16.0	A 109	Bidi	NBR	Semi eje - Hilux/SW4 - 2005 a 2011 Izq.
9861	47.00	80.00	10.0/16.0	A 109	Bidi	NBR	Semi eje - Hilux/SW4 - 2005 a 2011 Der.
9862	76.30	125.35	19.40	A 121-R	H	ACM	Piñon Iveco-Ford Cargo-VW
9863	54.00	64.00	9.0/24.0	A 321	L	NBR	Rueda Trasera Toyota Hilux 2001 a 2004
9864	18.00	34.00	7.00	A 100	L	DUREZA 85	Dir. Hid. Toyota Corolla
9865	9.00	15.00	4.00	Ls	L	NBR	Carburador Toyota
9866	19.05	34.60	6.30	A 322	L	DUREZA 85	Direccion Hidraulica Toyota
9867	27.00	36.80	3.5/6.5	A 323	L	DUREZA 85	Caja de Direccion-Val. Inf. Fiat-GM-Ford
9868	22.00	34.00	6.50	A 231-R	H	FPM	Bomba Aceite Toyota Corolla-Corona
9869	-	CI 72.00	15.00	A 325	L	NBR	Maza cuchillas Pierobon
9870	79.00	99.00	9.60	Mx-R	AH	FPM	Bancada Ford Transit - Motor 2.5 mod 99 a 2001
9871	65.00	90.00	15.00	A 327-R	H	ACM	Distribucion MB. Mot. 352 - 356 -364
9872	66.70	85.70	10.00	Mx-R	H	FPM	Distribucion Ford Transit - Motor 2.5 mod. 99 a 2001
9873	23.35	29.77	4.0/6.0	A 326	L	DUREZA 85	Sin Fin direccion Hid. Toyota Tundra
9874	50.00	74.00	10.0/15.0	A 104	Bidi	NBR	Rueda delantera Toyota Caribe
9875	43.00	52.00	6.50	Lx	L	NBR	Maquinas Agrícolas - Cajas de mando
9876	21.00	40.00	10.00	A 158	L	NBR	Lavarropas
9877	17.00	35.00	5.00	A 090	L	NBR	Bomba Sohpreen
9878	72.00	93.30	7.95	A 146	L	NBR	John Deere 1560/1580
9878Pist	93.50	95.60	11.50	Esp	L	CHAPA	John Deere 1560/1580
9879	32.00	43.00	8.00	Lx	L	NBR	Industrial
9880	25.00	47.00	7.00	Lz	L	NBR	Vasalli
9881	76.00	94.00	8.50	Lx-R	AH	FPM	Bancada Toyota Corolla-Avensis 1.6 - 1.8
9882	45.00	63.00	7.50	Lx-R	H	FPM	Distribucion Toyota Corolla 2.0 TD
9883	47.00	CI63.00	19.00	A 333	L	NBR	Peugeot 306 - 205 - Eje trasero c/pista
9884	50.60	71.40	12.0/14.0	A 329	L	NBR/ACM	Eje de mando Caja Maicera De Grande
9885	34.50	59.20	14.00	A 328	L	NBR/ACM	Piñon salida rolo Caja Maicera De Grande
9886	25.00	34.20	12.0/16.0	A 334	L	NBR/ACM	Eje de salida Caja Maicera De Grande
9887	35.50	58.00	11.3/19	A 331	Bidi	FPM	Semi eje izquierdo - Ford Ranger - Explorer
9888	44.45	66.57	12.0/23	A 332	Bidi	FPM	Semi eje derecho - Ford Ranger - Explorer
9889	32.00	57.00	10.00	Lx	L	NBR	Lavarropas
9890	80.00	100.00	10.00	Lx-R	H	FPM	Bancada Honda Civic - Accord Mod. 91 a 2003
9891	22.00	45.00	8.00	Lx-R	AH	FPM	Renault - A. de Levas Trasero - Megane - 19 Chamade
9892	-	CI 96.00	11.0/18	A336	L	NBR	Toyota - Rueda Delantera Exterior Hilux 2005 en adel.

CATALOGO GENERAL DE MEDIDAS - RETENES - POR NUMERO

Sentido de giro u orientación: H - Horario / AH - Antihorario / L - Liso / Bidi - Bidireccional
Compuestos: NBR: Nitrilo / ACM: Policrílico / MVQ: Silicona / FPM: Viton / TEF: Teflón - Cl: Clava en su Ø interior

Nº DBH	Ø EJE	Ø ALOJ	ALTURA	TIPO	GIRO	COMPUESTO	APLICACIÓN
9893	73.00	89.50	8.0/15.5	A339	L	NBR	Toyota - Rueda Delantera Interior Hilux 2005 en adel. / conjunto 2 piezas.
9894	60.30/56.5	79.45	15.0/17.5	A 348	L	NBR	Massey Ferguson - Toma de fuerza Mod. 265-275-282-292
9895	38.00	62.00	7.00	Mz	L	NBR	Gherardi - M.Benz Zapata accionam. Freno
9896	100.00	123.98	11.00	Kz	L	NBR	John Deere
9897	41.28	54.08	6.50	Mx	L	FPM	John Deere
9898	22.23	31.75	6.50	Mx	L	FPM	John Deere
9899	25.40	44.50	6.50	Lr	L	FPM	Bomba Hidraulica - Maquina forestal Trineumatica
9900	68.00	90.00	10.00	Kz	L	NBR	Rueda Guia - Metro Chile
9901	20.00	35.50	6.00	A 100	L	DUREZA 85	GM - S10/Blazer - Ford Escort c/motor 16v - Crysler Cherokee - Direccion Hid.
9902	47.60	63.70	10.00	A 340	H	ACM	Ford Camiones - VW Camiones - Salida de caja Eaton
9903	53.98	75.39	16.99	A 341	L	NBR	Rueda Nissan - D21 Pick up
9904	40.00	69.00	15.40	A 345	Bidi	NBR	GM - S10/Blazer 4x4 - Salida Semieje delantero derecho / izquierdo.
9905	45.00	60.00	8.00	Lx	Bidi	ACM	VW Transporter - Salida Semiejes
9906	40.00	58.00	10.0/17	A 109-R	AH	ACM	Peugeot 206 - 207 - 307 - 407 - Salida semieje Izquierdo - Evolucion del 8490
9907	29.85	47.00	9.90	Lx-R	H	ACM	Peugeot 206 - 207 - 307 - 407 - Salida semieje derecho - Evolucion del 8491
9908	35.00	62.00	8.00	A 308-R	H	NBR	Honda Civic - Salida semieje Derecho - Mod. 1992 a 2000
9909	35.00	56.00	8.00/11.30	A 308-R	AH	NBR	Honda Civic 92 a 03 - Crx 93 a 95 - Crv 00 a 03 - Fit 2003 - Salida semieje Izquierdo
9910	27.00	47.00	7.00	Lx-R	H	FPM	Citroen - Peugeot - Arbol de levas motor HDI
9911	35.00	48.00	10.00	Lx-R	H	FPM	VW - Polo - Golf - Bora - Motor 1.6 - 1.9D - 2.0 - Distribucion
9912	32.00	42.00	8.00	Lx-R	H	FPM	VW - Fox - Suran - Voyage - Gol Trend - motor BAH 1.6 - Distribucion - A. Levas
9913	15.00	30.00	7.00	A 231	L	FPM	Mitsubishi - Toyota - Alternador
9914	18.00	30.00	6.4/8	A 310	L	NBR	VW - Polo - Golf - Selector Cambios
9915	30.00	47.00	7.25	A 101	L	NBR	Pierobon
9916	48.00	60.00	21.00	LMx-R	H	ACM	VW - Bora - Polo - Golf - Salida Semieje Derecho
9917	30.00	62.10	13.00	A 346-R	H	ACM	GM - S10 - Blazer - Caja de transferencia
9918	48.00	68.50	10.0/36.5	A 343-R	H	ACM	GM - S10 - Blazer - Caja de transferencia
9919	57.00	66.80	5.00	Mt	L	NBR	GM - S10 - Blazer - Caja de transferencia
9920	39.42	80.27	22.00	A 344	Bidi	ACM	Ford Ranger 3.0 mod. 2007 en adelante - Piñon
9921	105.00	130.00	12.00	LMx-R	H	FPM	Mercedes Benz -1632-1634-1935-1938-2638/54-AXOR-2035-2040-2044-3340-ACTROS V6-V8-BUSES 0400-0500
9922	120.00	140.00	13.00	LMx-R	AH	FPM	Mercedes Benz -1632-1634-1935-1938-2638/54-AXOR-2035-2040-2044-3340-ACTROS V6-V8-BUSES 0400-0500
9923	17.46	28.57	12.70	Lr	L	FPM	New Holland - Ford tractor - Bomba Hidraulica
9924	14.00	26.00	7.00	Lx-R	H	FPM	Alternador c/depresor Indiel - Motor Maxion 2.5
9925	43.00	59.00	10.00	A 075-R	AH	FPM	Peugeot Boxer / Citroen Jumper / Fiat Ducato 2.5 - Salida Semieje Derecho
9926	34.90	54.00	11.30	A 075-R	H	FPM	Peugeot Boxer / Citroen Jumper / Fiat Ducato 2.5 - Salida Semieje Izquierdo
9927	52.00	102.00	10.5/15.3	A 294	L	ACM	Hiunday HD65 - Rueda Trasera exterior
9928	32.00	45.00	16.00	A 053	L	NBR	Mainero
9929	47.50	80.00	14.50	A 296-R	H	FPM	Nissan Frontier - XTerra - Piñon
9930	60.00	74.00	8.00	Mx	Bidi	ACM	Volkswagen - Golf - Fox - Suran - Gol Trend - Voyage / Salida Semieje Izquierdo
9931	24.00	38.00	6.00	Lz-R	H	ACM	Volkswagen - Golf - Fox - Suran - Gol Trend - Voyage / Caja de velocidades - Directa
9932	50.00	65.00	8.00	Mx	Bidi	ACM	Volkswagen - Golf - Fox - Suran - Gol Trend - Voyage / Salida Semieje derecho
9933	46.00	58.00	7.00	Lx-R	H	FPM	Nissan Frontier - XTerra - Tiida / Distribucion
9934	40.00	74.00	10.0/18.5	A 103	L	NBR	Chevrolet / Isuzu Luv - Piñon
9935	39.00	76.50	10.5/14.0	A 294	L	NBR	Hyundai H100 - Rueda
9936	101.40	146.10	12.70	A 094	L	NBR	Acoplados Goren - Rueda
9937	117.50	154.00	14.5/16.5	A 094	L	NBR	Acoplados Goren - Rueda
9938	34.00	55.00	11.0/15.0	A 330	L	NBR	Cabezal Maicero - John Deere
9939	24.50	32.00	4.00	A 347	L	NBR	Crucianelli
9940	18.75	30.00	5.0/5.5	A 273	L	DUREZA 85	Toyota - Direccion Hidraulica
9941	32.00	52.00	15.00	A134	L	NBR	Longvie - Lavarropas Modelos nuevos
9942	26.00	37.00	10.50	A 349	L	DUREZA 85	Motomel - Guerrero - Mundial - Zanella - Suspensión Barrales delanteros
9943	18.00	24.00	3.00	Mt	L	NBR	Agco Allis - Valtra - Valmet
9944	74.00	-	-	A 350-H	AH	FPM	Fiat Motor 1.4 8V - 1.3 16V - Bancada / Idea - Punto - Palio - Siena
9945	74.00	-	-	A 351-H	AH	FPM	Fiat Motor 1.3 8V - Bancada / Uno - Uno Cargo - Fiorino
9946	79.00	-	-	A 352-H	AH	TEF	Ford Motor Rocam 1.0 - 1.6 - Bancada / Ecosprt - Escort - Ka - Fiesta - Focus
9947	79.38	-	-	A 353-H	AH	TEF	Ford Motor 1.8 TDDI - Bancada / Escort - Mondeo - Courier
9948	114.00	-	-	A 272-H	AH	FPM	Iveco Daily - Ducato - Boxer - Master - Citroen Jumper - Bancada Motor 2.5 - 2.8
9949	160.00	185.00	10.50	Lx	L	NBR	Foton camion - Rueda
9950	18.00	34.00	8.00	Mx	L	DUREZA 85	Toyota Corolla c/motor 4E - Direccion hidraulica
9951	18.80	29.30	7.00	A 100	L	DUREZA 85	Toyota Hilux - Direccion hidraulica - Superior Valvula - Desde 2005
9952	32.70	42.77	6.60	A 322	L	DUREZA 85	Toyota Hilux - Direccion hidraulica - Inferior Valvula - Desde 2005
9953	121.10	160.20	35.00	A 354	L	ACM	Ford - VW - Iveco - Mercedes Benz - Camiones - Rueda Trasera
9954	41.00	62.00	12.00	A 106	L	FPM	Ford Ranger - Caja de transferencia - entrada reductora - salida cardan delantero y trasero
9955	16.00	30.0/42	11.30	A 355	L	NBR	Citroen - Peugeot - Selectora caja BE
9956	15.00	23.00	5.00	Lx	L	NBR	Citroen - Peugeot - Selectora caja MA
9957	16.00	25.00	5.5/8.5	A 356	L	NBR	Ford Fiesta/Ecosport/Ka/ - Selector con cable

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