



2022 V1.1

CATALOGO



Diesel Components

HERMANOS
alfaro



ESTIMADOS SRES.,

HERMANOS ALFARO, S.L., ES UNA EMPRESA QUE DESDE 1980 HA AVANZADO PASO A PASO COMO TALLER DE MECANIZADOS. EN 1997 HEMOS OBTENIDO EL CERTIFICADO DE CALIDAD ISO-9001, LO QUE ACREDITA LA IMPLANTACIÓN DE UN SISTEMA DE ASEGURAMIENTO DE LA CALIDAD EFICIENTE.

ENTRE LOS TRABAJOS DIVERSOS QUE REALIZAMOS, HEMOS DEDICADO UNA LÍNEA DE PRODUCCIÓN A LA RACORERÍA INOXIDABLE LLEGANDO A DISPONER DE CIERTO NÚMERO DE REFERENCIAS EN STOCK Y CUMPLIENDO SIEMPRE CON EL MERCADO Y LAS NECESIDADES DE LAS INDUSTRIAS EN LOS SECTORES DE ALIMENTACIÓN, QUÍMICA, NAVAL, PETROLERAS, CONSTRUCCIÓN, ACUICULTURA, MINERÍA, PAPELERAS, AUTOMOCIÓN, ETC.

POR ELLO, ADJUNTAMOS A LA PRESENTE NUESTRO CATÁLOGO DE RACORES Y ELEMENTOS INOXIDABLES, CALIDAD AISI-316, PARA UTILIZAR EN LATIGUILLOS Y CIRCUITOS HIDRÁULICOS, CON LA CUAL ESPERAMOS SATISFACER SUS NECESIDADES. ADEMÁS ESTAMOS A SU DISPOSICIÓN PARA CUALQUIER CONSULTA Y OFERTA DE OTROS PRODUCTOS ESPECIALES.

SIN OTRO PARTICULAR, ESPERAMOS SEA EL PRESENTE MANUAL DE UTILIDAD PARA UD. Y NO DUDE EN HACERNOS LLEGAR SUS CONSULTAS.

ATENTAMENTE,

HERMANOS ALFARO, S.L.

DEAR SIR/MADAM,

HERMANOS ALFARO, S.L., IS A COMPANY THAT HAS ADVANCED STEP BY STEP AS A MACHINERY WORKSHOP SINCE 1980. IN 1997 WE OBTAINED THE ISO 9001 QUALITY CERTIFICATE, WHICH GUARANTEES THE IMPLEMENTATION OF AN EFFICIENT QUALITY SYSTEM.

WE UNDERTAKE DIVERSE WORKS, BUT WE HAVE DEDICATED A PRODUCTION LINE TO STAINLESS STEEL HYDRAULIC COUPLING PIECES, WE ALSO RETAIN A CERTAIN NUMBER OF REFERENCES IN STOCK. WE ALWAYS FULFIL THE REQUIREMENTS OF MARKETS IN FOOD, CHEMICAL, NAVAL, OIL, CONSTRUCTION, AQUACULTURE, MINING AND AUTOMATION SECTORS, ETC.

ENCLOSED, YOU WILL FIND OUR CATALOGUE OF STAINLESS STEEL HYDRAULIC COUPLING PIECES, QUALITY AISI 316, FOR USE IN HYDRAULIC CIRCUITS, WHICH WE HOPE WILL SATISFY YOUR REQUIREMENTS.

SHOULD YOU REQUIRE ANY FURTHER INFORMATION, OR IF YOU WOULD LIKE A QUOTATION OF ANY OTHER CUSTOM PRODUCT, PLEASE DO NOT HESITATE TO CONTACT US.

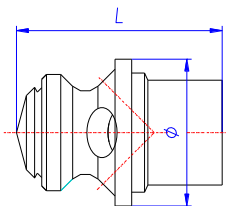
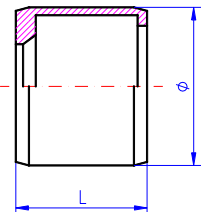
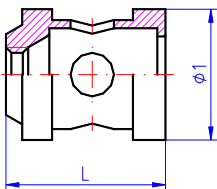
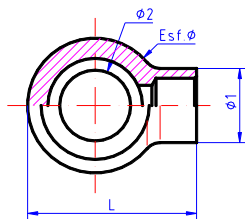
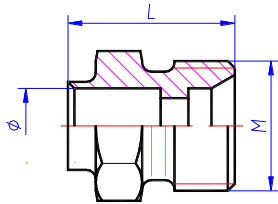
YOURS FAITHFULLY,

HERMANOS ALFARO, S.L.

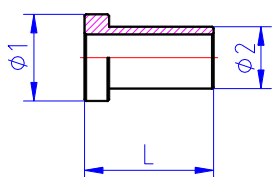
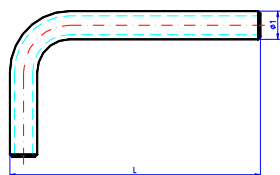
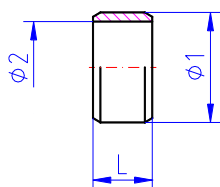
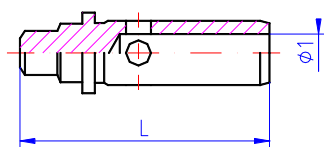
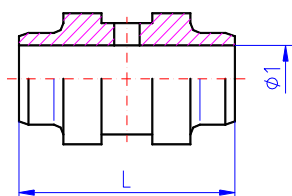
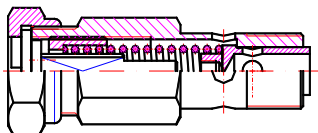
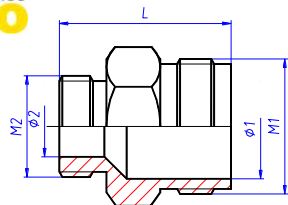
INDICE

PRODUCTO	PÁGINA
➤ Tubería de Gasoil <i>Gas-oil pipes</i>	5 – 6
➤ Tubería de Agua <i>Water pipes</i>	7
➤ Tubería de inyección <i>Injection pipes</i>	8 – 13
➤ Inyectores <i>Injectors</i>	14 – 20
➤ Bombas Inyección <i>Injection Pumps</i>	21 – 32
➤ Motores diesel <i>Diesel engines</i>	33 – 35
➤ Regulador motor <i>Motor regulator</i>	36
➤ Lubricación <i>Lubrication</i>	37

TUBERÍAS DE GASOIL / GAS-OIL PIPES:



Referencia	Descripción
D.027.08.14	Racor soldable M14 x 1.5 para tubo Ø8 <i>Weldable coupling M14 X1.5 Pipe Ø8</i>
D.027.10.16	Racor soldable M16 x 1.5 para tubo Ø10 <i>Weldable coupling M16 X1.5 Pipe Ø10</i>
D.027.12.18	Racor soldable M18 x 1.5 para tubo Ø12 <i>Weldable coupling M18 X1.5 Pipe Ø12</i>
D.028.10.08	Ojiva soldar tubo Ø8 M10 <i>Pipe welding fitting Ø8 M10</i>
D.035.25.30	Jaula para válvula de descarga Ø25x30 <i>Discharge valve chest Ø25x30</i>
D.035.30.25	Cuerpo de válvula Ø30 x 25 <i>Valve body Ø30x25</i>
D.037.02.011	Válvula combustible Ø31 x 43.3 <i>Fuel valve Ø31x43.3</i>



D.037.02.02	Cuerpo de válvula Gasoil M1 40X2 Ø30 M2 30X2 Ø18 <i>Valve body Gasoil M1 40X2 Ø30 M2 30X2 Ø18</i>
Referencia	Descripción

D.037.00.00	Válvula de combustible <i>Fuel valve</i>
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D.037.01.01	Cuerpo de válvula de combustible <i>Fuel valve body</i>
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D.037.01.02	Válvula <i>Valve</i>
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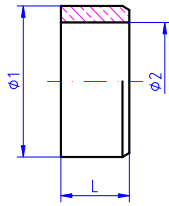
D.144.12.08	Ovalillo Tubería acodado inyección Ø12x8 Bronce <i>Leaned Oval Pipe injection Ø12x8 - bronze</i>
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D.144.12.08.01	Ovalillo Tubería acodado inyección Ø12x8 Inoxidable <i>Leaned Oval Pipe injection Ø12x8 - stainless</i>
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D.145.12.08	Tubo acodado tubería bomba inyección <i>Bent pipe for injection pump</i>
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D.151.14.21	Arandela guía Ø14 x Ø7.5 L=21 <i>Washer Ø14 x Ø7.5 L21</i>
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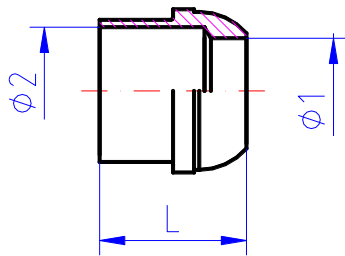
D.151.16.21	Arandela guía Ø16 x Ø7.5 L=21 <i>Washer Ø16 x Ø7.5 L21</i>
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MD.003528	Casquillo bomba alimentación DEUTZ 528 <i>Bushing for feed pump DEUTZ 528</i>
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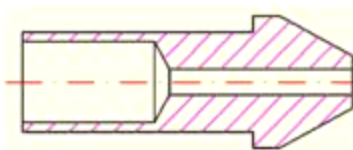
TUBERÍA DE AGUA

WATER PIPES

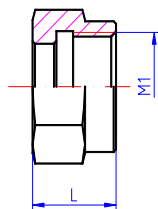


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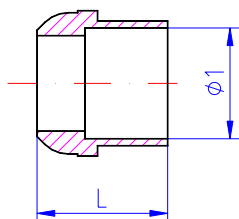
D.045.06.12.14	Boquilla Aceite tubo Ø6 (tuerca M12x1.5) <i>Pipe Oil nipple Ø6 (nut M12x1.5)</i>
D.045.08.14.17	Boquilla Aceite tubo Ø8 (tuerca M14x1.5) <i>Pipe Oil nipple Ø8 (nut M14x1.5)</i>
D.045.10.16.17	Boquilla Aceite tubo Ø10 (tuerca M16x1.5) HIERRO <i>Pipe Oil nipple Ø10 (nut M16x1.5) STEEL</i>
D.045.10.16.1701	Boquilla Aceite tubo Ø10 (tuerca M16x1.5) LATON <i>Pipe Oil nipple Ø10 (nut M16x1.5), BRASS</i>
D.045.12.18.14	Boquilla Aceite tubo Ø12 (tuerca M18x1.5) <i>Pipe Oil nipple Ø12 (nut M18x1.5)</i>
D.045.15.22.18	Boquilla Aceite tubo Ø15 (tuerca M22x1.5) <i>Pipe Oil nipple Ø15 (nut M22x1.5)</i>



D.045.12.22.50	Boquilla tubo Ø12 (tuerca M22x1.5) L=50 <i>Pipe nipple Ø12 (nut M22x1.5) L=50 mm</i>
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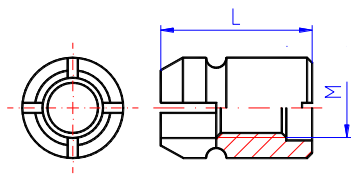
MD.007350	Tuerca desaire culata Deutz M22x150 <i>Yoke deaerating nut Deutz M22x150</i>
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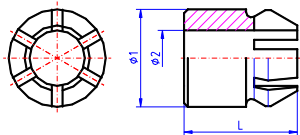
MD.008350

Boquilla tuerca desaire culata DEUTZ
Yoke deaerating nipple DEUTZ

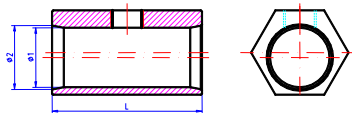
TUBERÍAS DE INYECCIÓN / INJECTION PIPES:



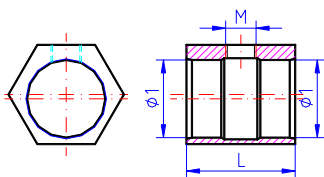
Referencia	Descripción
D.059.12.20	Casquillo de apriete M12X1.5 izq. L=30 <i>Press Bushing M12x1.5 left L=30 mm</i>



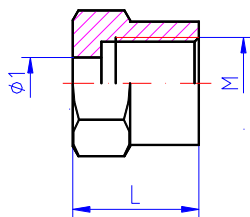
D.041.10.22	Arandela cónica ranurada tubo Ø10 <i>Grooved conical washer pipe Ø10</i>
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D.042.25.36	Soporte terminal tubería enfundada Ø25.4 <i>Coated tube end socket Ø25.4</i>
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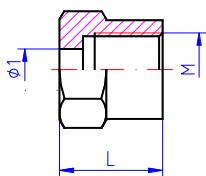


D.042.28.41	Soporte terminal tubería enfundada Ø28 <i>Coated tube end socket Ø28</i>
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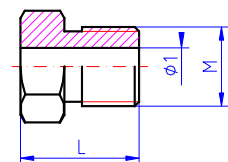


D.042.36.46	Soporte terminal tubería enfundada Ø36 <i>Coated tube end socket Ø36</i>
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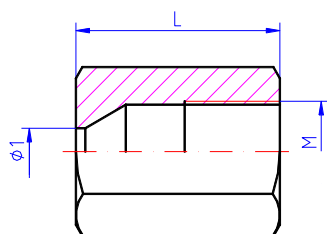
D.036.16.00	Tuerca Tubería Inyección <i>Injection pipe nut</i>	M16x1,5
D.036.18.00		M18 x1,5
D.036.20.00		M20 x1,5
D.036.22.00		M22 x1,5
D.036.26.00		M26 x1,5
D.036.32.46		M32x1.5



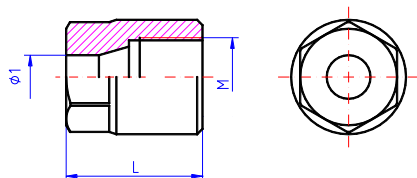
MD.036.16.17	Tuerca tubería Deutz Ø12.5 M16x1.5 L=17 <i>Pipe nut Deutz Ø12.5 M16x1.5 L=17mm</i>
Referencia	Descripción



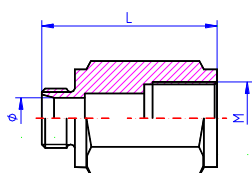
D.040.18.00	Tuerca tubería inyección <i>Injection pipe nut</i>
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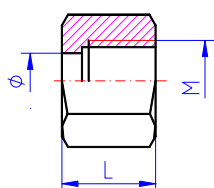
D.044.08.22	Tuerca tubería Ø8 M22x1.5 <i>Tube nut Ø8 M22x1.5</i>
D.044.09.18	Tuerca tubería Ø9 M18x1.5 <i>Tube nut Ø9 M18x1.5</i>
D.044.09.20	Tuerca tubería Ø9 M20x1.5 <i>Tube nut Ø9 M20x1.5</i>
D.044.09.22	Tuerca tubería Ø9 M22x1.5 <i>Tube nut Ø9 M22x1.5</i>
D.044.10.22	Tuerca tubería Ø10 M22x1.5 Hexg. 28 <i>Tube nut Ø10 M22x1.5 Hex. 28</i>
D.044.10.22.01	Tuerca tubería Ø10 M22x1.5 Hexg. 32 <i>Tube nut Ø10 M22x1.5 Hex. 32</i>



D.044.10.18	Tuerca tubería Ø10 M18x1.5 <i>Pipe nut Ø10 M20x1.5</i>
D.044.10.20	Tuerca tubería Ø10 M20x1.5 <i>Pipe nut Ø10 M20x1.5</i>
D.044.12.22	Tuerca tubería Ø12 M22x1.5 <i>Pipe nut Ø12 M22x1.5</i>

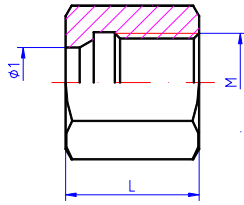


D.044.12.22.12	Tuerca M22 para tubo Ø12 <i>Nut M22 for pipe Ø12</i>
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D.55.12.14	Tuerca Tub. aceite M12x1.5 Boquilla Ø6 <i>Nipple Oil Pipe nut M12x1.5 Ø6</i>
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D.055.14.16	Tuerca M14x1.5 L=16 <i>Nut M14x1.5 L=16</i>
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D.055.14.19

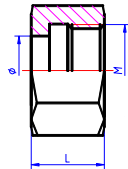
Tuerca M14x1.5 L=19
Nut M14x1.5 L=19

D.055.16.16

Tuerca M16x1.5 L=16
Nut M16x1.5 L=16

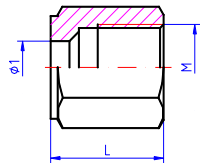
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Descripción



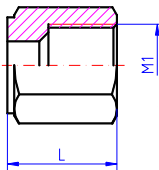
D.055.18.14

Tuerca M18x1.5, L=14
Nut M18x1.5 L=14



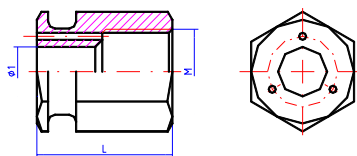
D.055.18.24

Tuerca M18x1.5 L=24
Nut M18x1.5 L=24



D.149.18.24

Tuerca M18x1.5 tubería Inyección
Injection pipe nut M18x1.5

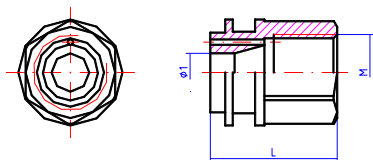


D.060.06.14

Tuerca M14x1.5 Enfundada
Coated nut M14x1.5

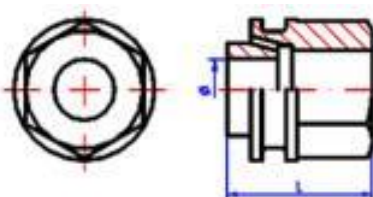
D.060.10.18

Tuerca M18x1.5 Enfundada
Coated nut M18x1.5



D.060.10.20

Tuerca tubería enfundada M20x1.5
Coated pipe nut M20x1.5



D.060.12.22

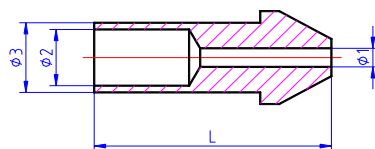
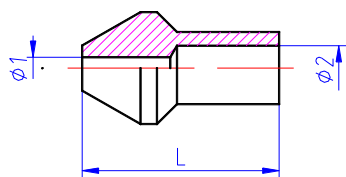
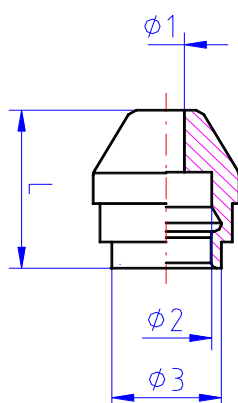
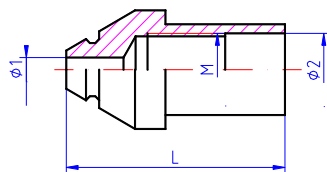
Tuerca tubería enfundada M22x1.5 L=38
Coated pipe nut M22x1.5 L=38

D.061.12.22

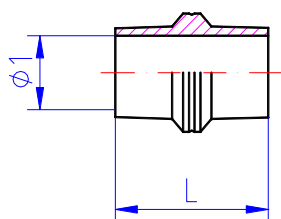
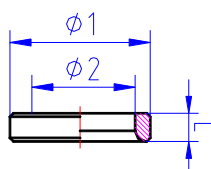
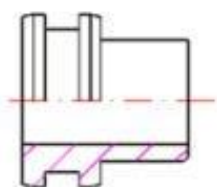
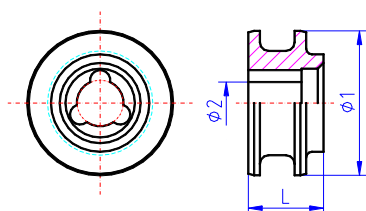
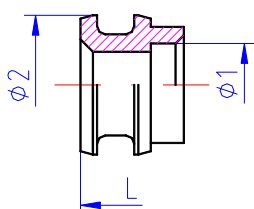
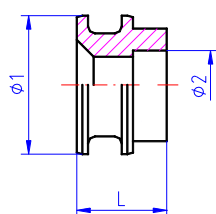
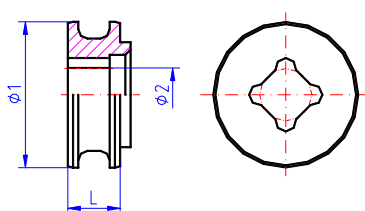
Tuerca tub. enfundada M22 asiento plano
Coated pipe nut M26x1.5 Flat seat

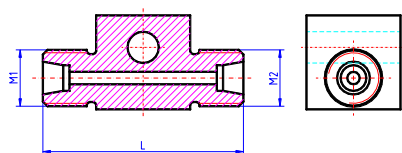
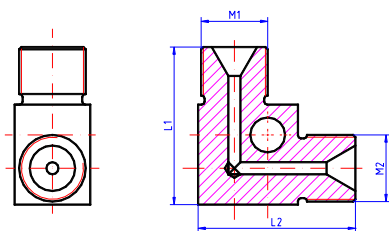
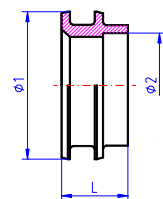
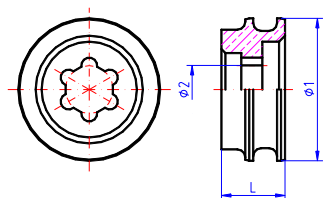
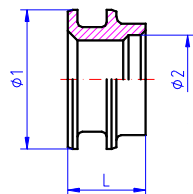
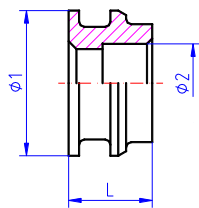
D.060.12.22.48

Tuerca tubería enfundada M22x1.5 L=48
Coated pipe nut M22x1.5 L=48

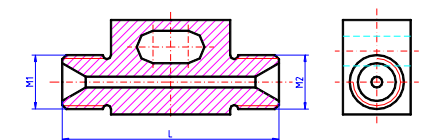


D.060.12.26	Tuerca tubería enfundada M26x1.5 <i>Coated pipe nut M26x1.5</i>
D.072.12.22.12	Boquilla roscada para tubo Ø12 <i>Pipe threaded nipple Ø12</i>
Referencia	Descripción
D.072.07.18	Boquilla para tubo Ø7 (M18) <i>Pipe nipple Ø7 (M18)</i>
D.072.08.18	Boquilla para tubo Ø8 (M18) <i>Pipe nipple Ø8 (M18)</i>
D.072.08.20	Boquilla para tubo Ø8 (M20) <i>Pipe nipple Ø8 (M20)</i>
D.072.08.22	Boquilla para tubo Ø8 (M22) <i>Pipe nipple Ø8 (M22)</i>
D.072.09.18	Boquilla para tubo Ø9 (M18) <i>Pipe nipple Ø9 (M18)</i>
D.072.09.20	Boquilla para tubo Ø9 (M20) <i>Pipe nipple Ø9 (M20)</i>
D.072.09.22	Boquilla para tubo Ø9 (M22) <i>Pipe nipple Ø9 (M22)</i>
D.072.10.20	Boquilla para tubo Ø10 (M20) <i>Pipe nipple Ø10 (M20)</i>
D.072.10.22	Boquilla para tubo Ø10 (M22) <i>Pipe nipple Ø10 (M22)</i>
D.072.12.22	Boquilla para tubo Ø12 (M22) <i>Pipe nipple Ø12 (M22)</i>
D.045.06.18.27	Boquilla tubo Ø6 (para tuerca M18x1.5) <i>Tube nipple Ø6 (for nut M18x1.5)</i>
D.045.06.22	Boquilla tubo Ø6 Largo 22mm. (M22x1.5) <i>Tube nipple Ø6 Length 22mm. (M22x1.5)</i>
D.045.08.18.33	Boquilla tubo Ø8 (para tuerca M18x1.5) <i>Tube nipple Ø8 (for nut M18x1.5)</i>
D.045.10.22.46	Boquilla tubo Ø10 (para tuerca M22x1.5) <i>Tube nipple Ø10 (for nut M22x1.5)</i>
D.148.18.08	Boquilla doble cónico tubo Ø8 <i>Double nipple, conical pipe Ø8</i>

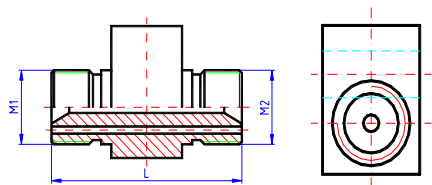
**D.148.20.10****Boquilla doble cónico tubo Ø10***Double nipple, conical pipe Ø10***D.073.12.22.12****Arandela Ø20xØ15.7 x 4mm espesor.***Washer Ø20xØ15.7 x 4mm. thick***Referencia****Descripción****D.146.22.10****Terminal tubería enfundada Ø22xØ10x19***Coated tube end socket Ø22xØ10x19***D.146.26.08****Terminal tub. enfundada Ø25.2xØ8x13 - Bronce***Coated tube end socket Ø25.5xØ8x13 - Bronze***D.146.17.10****Terminal tub. desaire Deutz 358 - Laton***Deaerating tube end socket Deutz 358 - Brass***D.146.17.10.01****Terminal tub. desaire Deutz 358 - Hierro***Deaerating tube end socket Deutz 358 - Iron***D.146.25.12****Terminal tub. enfundada Ø25xØ12 - Hierro***Coated pipe bushing Ø25xØ12 - Iron***D.146.28.10****Terminal tub. enfundada Ø28xØ10 - Hierro***Coated pipe bushing Ø28xØ10 - Iron*



D.146.28.15	Terminal tubería enfundada Ø28xØ15 (Terminal tubería desaire Deutz 350) <i>Coated pipe bushing Ø28xØ15</i> <i>(deaerating tube end socket Deutz 350)</i>
D.146.28.18	Terminal tub. enfundada Ø28xØ18 - Hierro <i>Coated pipe end socket Ø28xØ18 - Iron</i>
Referencia	Descripción
D.146.36.12	Terminal tubería enfundada Ø35,7xØ12 <i>Coated pipe end socket Ø35,7xØ12</i>
D.146.36.25	Terminal tubería enfundada Ø35,5xØ25 <i>Coated pipe bushing Ø35,5xØ25</i>
D.150.00.22	Unión en codo M22x150 <i>Bent coupling M22x150</i>
D.150.18.18	Unión T inyección M18x1.5 <i>Injection T- coupling M18x1.5</i>
D.150.20.20	Unión T inyección M20 <i>Injection T-coupling M20</i>

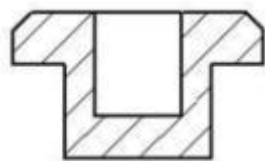


D.150.22.22	Unión T inyección M22 <i>Injection T-coupling M22</i>
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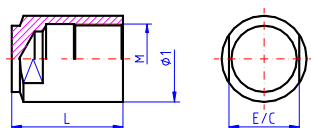
D.150.26.26	Unión T inyección M26 <i>Injection T-coupling M26</i>
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INYECTORES / INJECTORS

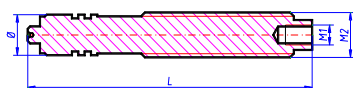


Referencia	Descripción
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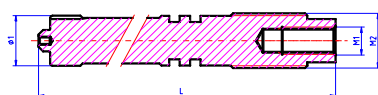
D.039.14.08	Capuchón Taquet de inyector Ø14,5x8,5 <i>Tapped Injector Cap Ø14,5x8,5</i>
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D.039.21.34	Capuchón de inyección M21x125 <i>Injection Cap M21x125</i>
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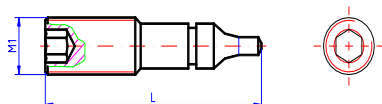


D.052.00.18	Regulador presión inyecc. M18x1.5 <i>Injection pressure regulator M18x1.5</i>
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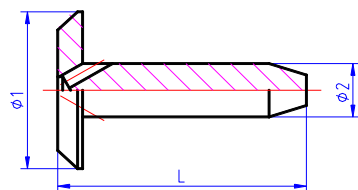


D.052.00.24	Regulador presión inyecc. M24x1.5 L=250 <i>Injection pressure regulator M24x1.5 L=250</i>
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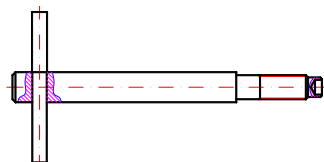
D.052.01.24	Regulador presión inyecc. M24x1.5 L=330 <i>Injection pressure regulator M24x1.5 L=330</i>
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D.152.16.68	Regulador de presión inyector A.B.C. <i>Injector pressure regulator A.B.C.</i>
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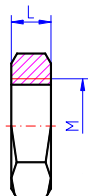


D.053.31.50	Reductor Ø31.9xØ10.85 Largo 50mm. <i>Reducer Ø31.9xØ10.85 Length 50mm.</i>
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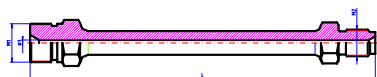
D.056.00.01	Purgador M8x0.75 Largo 103mm. <i>Purger M8x0.75 Length 103mm.</i>
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Referencia	Descripción
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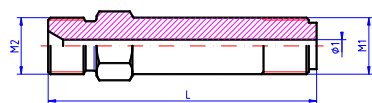
D.057.24.10

Tuerca M24x1.5 L=10mm
Nut M24x1.5 L=10mm



D.071.26.18

Conexión entrada M26x1.5-M18x1.5 L=325
Input coupling M26x1.5 - M18x1.5 L=325 mm



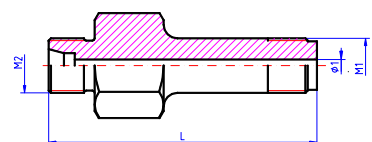
D.082.18.18

Conexión entrada inyecc. M18x1.5 L=86
Injection input coupling M18x1.5 L=86



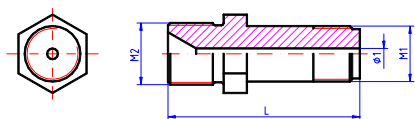
D.082.14.14

Conexión entrada inyecc. M14x1.5
Injection input coupling M14x1.5



D.084.18.18

Conexión entrada inyecc. M18x1.5 L=87,5
Injection input coupling M18x1.5 L=87,5



D.084.20.18

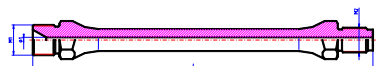
Conexión entrada inyecc. M20x1.5 L=62
Injection input coupling M20x1.5 L=62

D.084.20.18.88

Conexión entrada inyecc. M20x1.5 L=88
Injection input coupling M20x1.5 L=88

D.084.20.18.91

Conexión entrada inyecc. M20x1.5 L=91
Injection input coupling M20x1.5 L=91

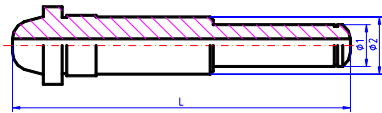


D.071.22.18

Conexión de entrada M22x1.5-M28x1.5 L=241,5 mm
Input coupling M22x1.5 - M28x1.5 L=241,5 mm

Referencia

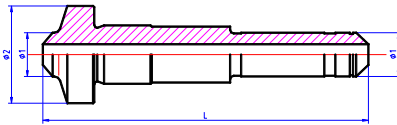
Descripción



D.084.26.110

**Conexión entrada inyecc. L 110 mm
(cierre esférico)**

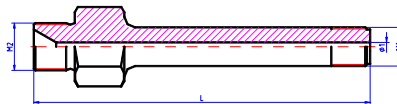
Injection inlet coupling L110 (spherical seal)



D.084.40.133

**Conexión entrada inyecc. L 133 mm
(cierre esférico)**

Injection inlet coupling L133 (spherical seal)



D.084.22.18

Conexión entrada inyecc. L=156

Injection input coupling L156

D.084.22.18.55

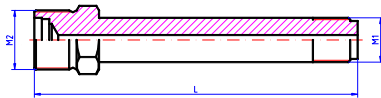
Conexión entrada inyecc. L=55

Injection input coupling L90

D.084.22.18.90

Conexión entrada inyecc. L=90

Injection input coupling L90



D.124.24.01

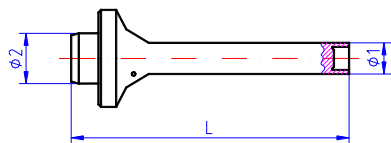
Conexión entrada inyector largo L=130

Injector inlet coupling long (L=130 mm)

D.124.24.02

Conexión entrada inyector corto L=60

Injector inlet coupling short (L=60 mm)



D.096.04.55

Taqué de inyección L55 mm (c. muelle Ø10,1)

Injection tappet L 55mm. (head spring Ø10)

D.096.04.55.01

Taqué de inyección L55 mm (c. muelle Ø9,1)

Injection tappet L 55mm (head spring Ø9,1)

D.096.04.60

Taqué de inyección L 60 mm.

Injection tappet L 60mm.

D.096.04.67

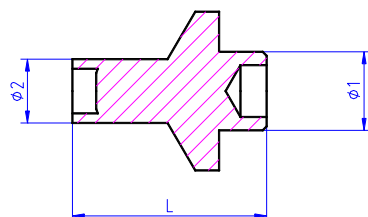
Taqué de inyección L 67 mm.

Injection tappet L 67mm.

D.096.04.100

Taqué de inyección L 100 mm.

Injection tappet L 100 mm.



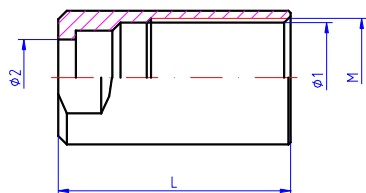
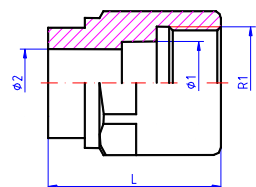
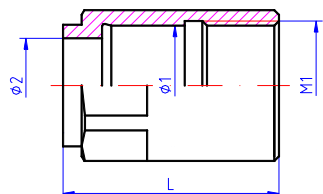
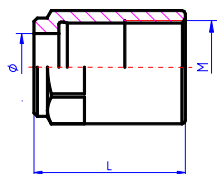
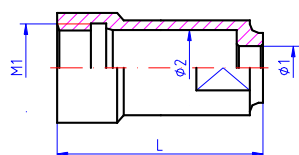
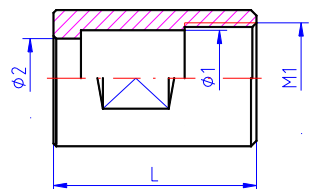
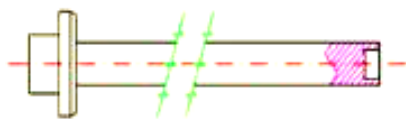
D.096.05.24

Taqué de inyección Ø20 x 24.5

Injection tappet Ø20x24.5

Referencia

Descripción



D.096.06.234

Taqué de inyección Ø14,5 x 234
Injection tappet Ø20x24.5

D.098.20.37

Tuerca tobera M20x1.5 L=37mm.
Nozzle nut M20x1.5 L=37mm.

D.098.20.47

Tuerca tobera M20x1.25 L=47 mm.
Nozzle nut M20x1.25 L=47 mm.

D.098.28.45

Tuerca tobera M28x1.5 L=44.7 mm.
Nozzle nut M28x1 L=44.7 mm.

D.098.28.46

Tuerca tobera M28x1.5 L=46,5 mm.
Nozzle nut M28x1.5 L=46,5 mm.

D.098.28.47

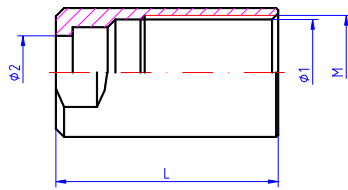
Tuerca tobera $\frac{7}{8}$ G L=47 mm.
Nozzle nut $\frac{7}{8}$ G L=47 mm.

D.098.28.54

Tuerca tobera M28x1.5 L=54 mm.
Nozzle nut M28x1.5 L=54 mm.

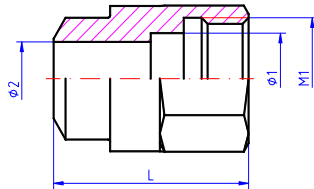
Referencia

Descripción



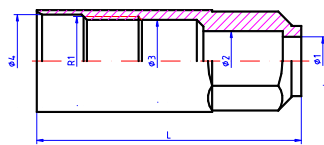
D.098.28.61

Tuerca tobera M28x1.5 L=61 mm.
Nozzle nut M28x1.5 L=61 mm.



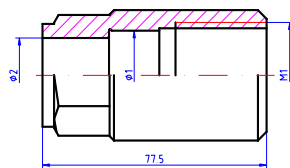
D.098.30.49

Tuerca tobera M30x1.5 L=49mm.
Nozzle nut M30x1.5 L=49mm.



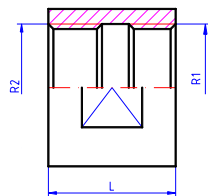
D.098.30.100

Tuerca tobera 1" G
Nozzle nut 1" G



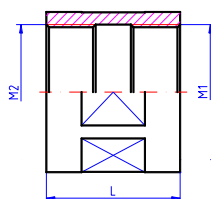
D.098.36.77

Tuerca tobera M36x3 L=77mm
Nozzle nut M36x3 L=77mm



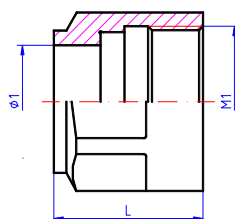
D.098.37.00

Tuerca tobera 1" $\frac{1}{8}$ G Dcha.-Izq.
Nozzle nut 1" $\frac{1}{8}$ G right-left



D.098.38.00

Tuerca tobera M38 dcha.-Izq.
Nozzle nut M38 right-left



D.098.40.00

Tuerca tobera M40x1.5 dcha.-Izq.
Nozzle nut M40x1.5 right-left

D.098.38.38

Tuerca tobera M38x1.5 L=38 mm.
Nozzle nut M38x1.5 L=38 mm.

D.098.38.40

Tuerca tobera M38x1.5 L=40 mm.
Nozzle nut M38x1.5 L=40 mm.

D.098.38.52

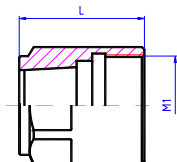
Tuerca tobera M38x1.5 L=52 mm.
Nozzle nut M38x1.5 L=52 mm.

D.098.38.53

Tuerca tobera M38x1.5 L=53 mm.
Nozzle nut M38x1.5 L=53 mm

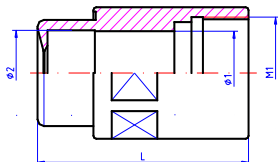
Referencia

Descripción



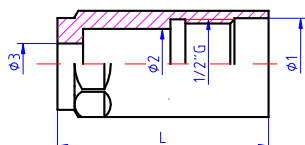
D.098.38.48

Tuerca tobera M38x1.5x48 Interior Cónico
Nozzle nut M38x1.5x48



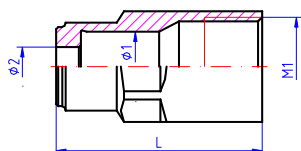
D.098.38.74

Tuerca tobera M38x1.5x74mm.
Nozzle nut M38x1.5



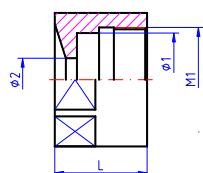
D.104.13.49

Tuerca tobera 1/2"
Nozzle nut 1/2"



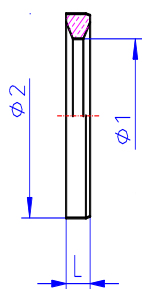
D.104.24.50

Tuerca tobera M24x1.5 L=50 mm.
Nozzle nut M24x1.5 L=50 mm.



D.104.28.25

Tuerca tobera M28x1.5
Nozzle nut M28x1.5



D.108.24.04

Junta de cobre Ø24
Copper seal Ø24

D.108.30.07

Junta de cobre Ø30
Copper seal Ø30

D.108.36.07

Junta de cobre Ø36
Copper seal Ø36

D.108.40.09

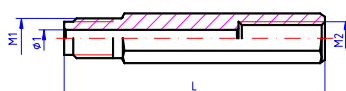
Junta de cobre Ø40
Copper seal Ø40

D.108.45.06

Junta de cobre Ø45
Copper seal Ø45

D.108.46.05

Junta de cobre Ø46
Copper seal Ø46

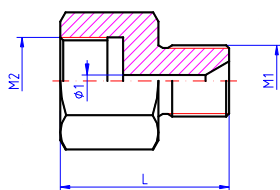


D.101.12.80

Caña de refrigeración M12x1.5
Cooling stem M12x1.5

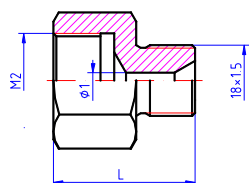
Referencia

Descripción



D.114.18.22

Conexión M22xM18
Coupling M22xM18



D.114.18.24

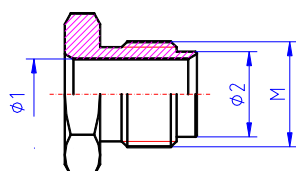
Racor M18 conex. entrada interior
Fitting M18 inner inlet coupling

D.114.20.24

Racor M20 conex. entrada interior
Fitting M20 inner inlet coupling

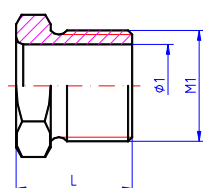
D.114.22.24

Racor M22 conex. entrada interior
Fitting M22 inner inlet coupling



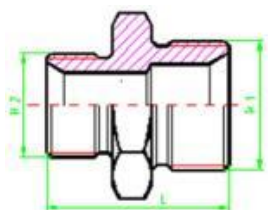
D.118.18.00

Tuerca apriete inyector M18x1.5
Injector locknut M18x1.5



D.118.27.00

5Tuerca apriete inyección M27x2
Injection locknut M27x2



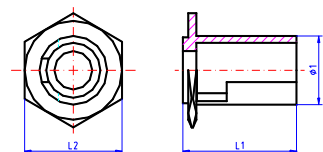
D.115.22.16

Racor Reducción M22x1.5 – M16x1.5 L=30
Thread connector M22x1.5 – M16x1.5 L=30

D.115.22.18

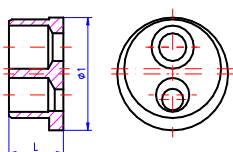
Racor Reducción M22x1.5 – M18x1.5 L=28
Thread connector M22x1.5 – M18x1.5 L=28

INYECCIÓN / INJECTION PUMPS



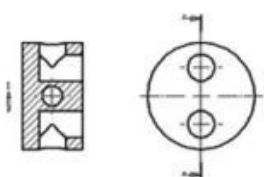
D.035.36.42

Jaula de émbolo de muelle
Spring box plunger



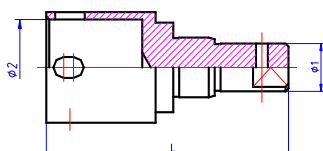
D.043.37.18

Platillo de Bloqueo DEUTZ
Locking plate DEUTZ



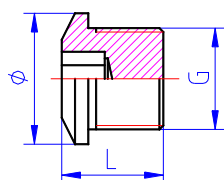
D.043.32.18

Platillo para Jaula de Bloqueo DEUTZ
Locking Cage plate DEUTZ



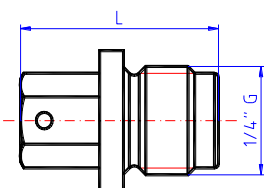
D.089.37.82

Jaula bomba Deutz
Pump casing Deutz



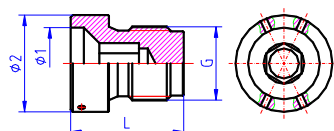
D.047.06.13

Tapón rechazo 1/4" gas
Rejection plug 1/4" gas



D.047.13.25

Tapón rechazo 1/4" gas.
Rejection plug 1/4" gas.

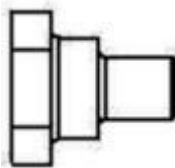
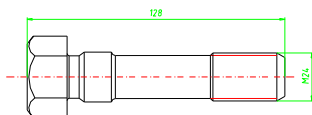
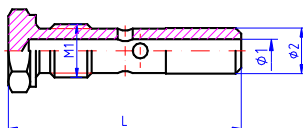
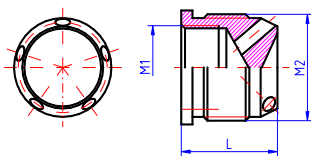
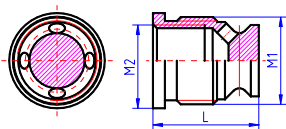
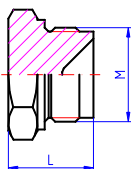
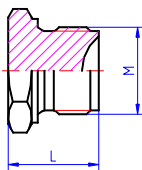
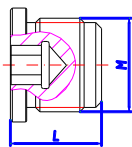


D.047.17.26

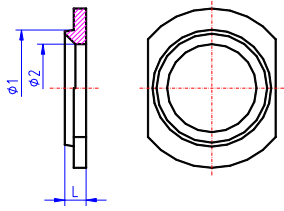
Tapón rechazo 3/8" gas.
Rejection plug 3/8" gas.

Referencia

Descripción

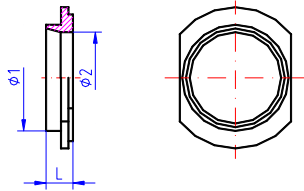


D.047.24.24	Tapón M24x23.5 rechazo inyección. <i>Rejection plug M24x23.5.</i>
D.047.26.27	Tapón M26 L=27 rechazo inyección <i>Injection reject plug M26 L=27.</i>
D.047.26.32	Tapón M26 L=32 rechazo inyección <i>Injection reject plug M26 L=32.</i>
D.047.30.27	Tapón M30 rechazo inyección L=27 <i>Injection reject plug M30</i>
D.047.30.30	Tapón M30 rechazo inyección L=30 <i>Injection reject plug M30</i>
D.047.22.18	Casquillo rechazo bomba inyección M22x1.5 - M18x1.5 <i>Injection pump bushing M22x1.5 - M18x1.5</i>
D.047.28.22	Casquillo rechazo bomba inyecc. MAK <i>Injection pump plug MAK</i>
D.049.14.55	Tornillo guía de elemento DEUTZ 528 M14x1.5 <i>Guide screw for item DEUTZ528 M14x1.5</i>
D.049.20.93	Tornillo guía plato de bomba DEUTZ 358 M20 L=93 <i>Guide screw for pump plate DEUTZ 358 M20 L=93</i>
D.049.24.128	Tornillo guía plato de bomba DEUTZ 358 M 24 L=128 <i>Guide screw pump plate DEUTZ 358 M24 L=128</i>
D.131.08.22	Tornillo Palanca de Paro M8 L=22 mm <i>Stop Lever Screw M8 L=22 mm</i>
Referencia	Descripción



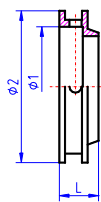
D.050.28.05

Platillo Ø28 x Ø21 x 5mm. esp.
Plate Ø28xØ21x5mm. thick



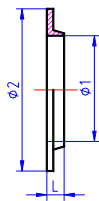
D.050.28.07

Platillo bomba PF1
Pump plate PF1



D.050.30.10

Platillo Ø38 x Ø30 x esp. 9.7mm.
Plate Ø38xØ30x9.7 mm. thick

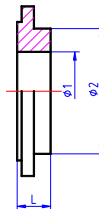


D.050.38.04

Platillo Ø38 x Ø25.4 x esp. 4mm.
Plate Ø38xØ25.4x4mm. thick

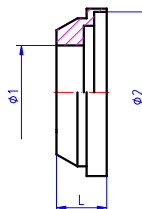
D.050.38.08

Platillo Ø38 x Ø25.4 x esp. 8mm.
Plate Ø38xØ25.4x8mm. thick



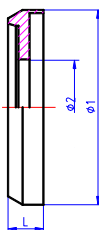
D.050.30.06

Platillo muelle de émbolo Ø30.5 x Ø14 x 6
Plate spring plunger Ø30.5xØ14x6



D.050.54.16

Platillo Ø54.3 x Ø30.3 x 16mm. esp.
Plate Ø54.3xØ30.3x16mm. thick

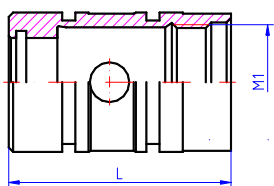
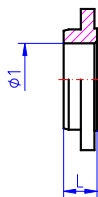
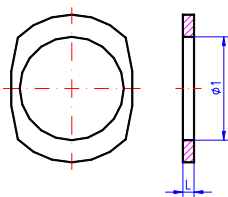
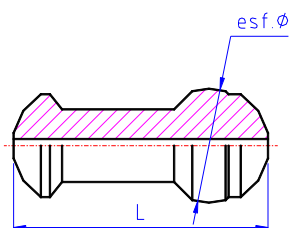
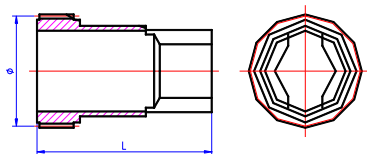
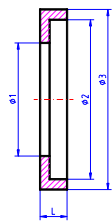


D.050.56.10

Platillo Ø56 x Ø27.7 x 10.2mm. esp.
Plate Ø56xØ27.7x10.2mm. thick

Referencia

Descripción



D.050.51.06	Platillo Ø51.5 x 6.2mm. esp. <i>Plate Ø51.5x6.2mm. thick</i>
D.050.57.08	Platillo Ø56.7 x Ø50.2 x 8.5mm. esp. <i>Plate Ø56.7xØ50.2x8.5mm. thick</i>
D.050.60.08	Platillo Ø59.5 x 8mm. esp. <i>Plate Ø59.5x8mm. thick</i>

D.051.33.25	Corona de elemento Ø29 long 70 Z=52 <i>Gear Item Ø29 L=70 Z=52</i>
D.051.37.25	Corona de elemento Ø33 long 71,6 Z=60 <i>Element's gear Ø33 L=71 Z=52</i>

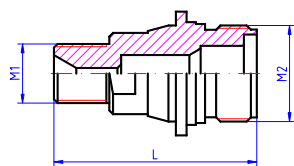
D.054.19.43	Perno de apoyo <i>Support bolt</i>
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D.062.00.01	Arandela ovalada Ø28 <i>Oval washer Ø28</i>
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D.062.00.02	Platillo Ø14 <i>Plate Ø14</i>
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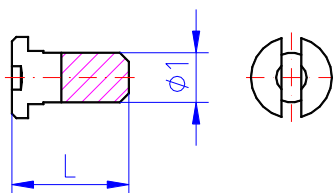
D.062.00.03	Arandela Ø15.5 <i>Washer Ø15.5</i>
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D.062.00.04	Manguito M26x1.5 <i>Sleeve M26x1.5</i>
Referencia	Descripción



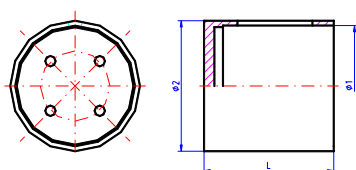
D.062.00.05

Racor de envío M26
Forward coupling M26



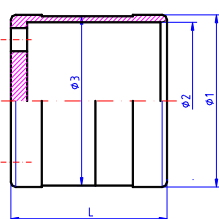
D.062.00.06

Reductor de volumen Ø9
Volume reducer Ø9



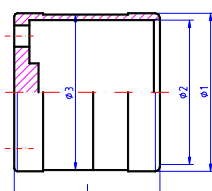
D.102.50.50

Taqué Ø50x50mm.
Tappet Ø50x50mm.



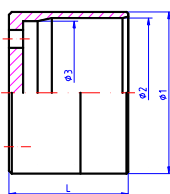
D.102.52.48

Taqué Ø52x48mm.
Tappet Ø52x48mm.



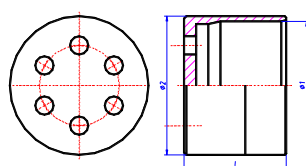
D.102.52.48.01

Taqué Ø52x48mm. MAK 282
Tappet Ø52x48mm.



D.102.57.42

Taqué Ø57x42mm
Tappet Ø57x42mm.



D.102.57.45

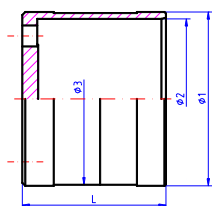
Taqué Ø57x45mm
Tappet Ø57x45mm.

D.102.57.42.06

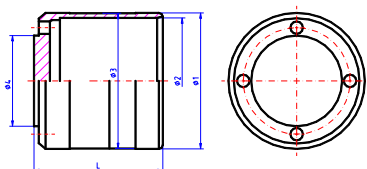
Taqué Ø57x42mm.
Tappet Ø58x48mm.

Referencia

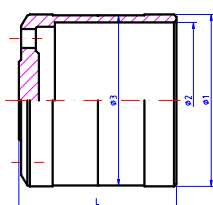
Descripción



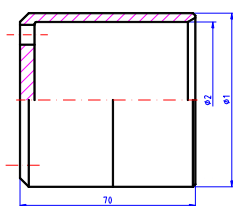
D.102.58.48	Taqué Ø58x48mm <i>Tappet Ø58x48mm.</i>
D.102.72.72	Taqué Ø72x72mm <i>Tappet Ø72x72mm.</i>



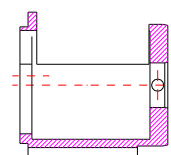
D.102.60.57	Taqué Ø60x57mm. <i>Tappet Ø60x57mm.</i>
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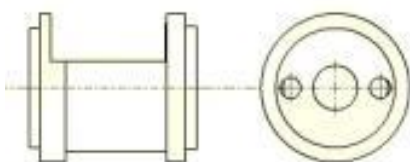
D.102.60.66	Taqué Ø60x66mm. (FUJI DIESEL) <i>Tappet Ø60x66mm (FUJI DIESEL)</i>
D.102.68.63	Taqué Ø68x63mm <i>Tappet Ø68x63mm</i>
D.102.72.77	Taqué Ø72x77mm <i>Tappet Ø72x77mm</i>



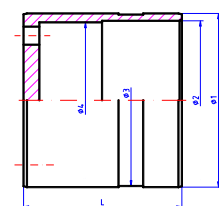
D.102.70.70	Taqué Ø70x70mm. <i>Tappet Ø70x70mm.</i>
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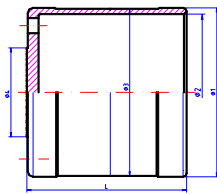
D.102.72.73	Taqué Ø72x73mm. Deutz 358 <i>Tappet Ø72x73mm. Deutz 358</i>
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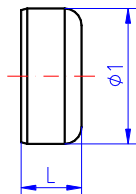
D.102.50.56	Taqué Ø50x56mm. con pastilla templada <i>Tappet Ø50x56mm.</i>
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D.102.77.70	Taqué Ø77x70mm. <i>Tappet Ø77x70mm.</i>
Referencia	Descripción

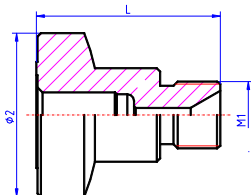


D.102.95.90	Taqué Ø95x90mm. <i>Tappet Ø95x90mm.</i>
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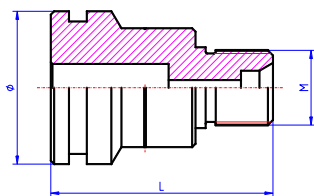


D.106.15.05	Pastilla para taquet Deutz 358 Ø15x5 mm <i>Tappet pad Deutz-358 Ø15x5 mm</i>
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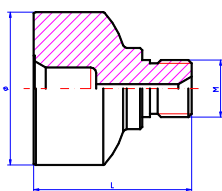
D.106.22.10	Pastilla para taquet Deutz 358 Ø22x10mm <i>Tappet pad Deutz-358 Ø22x10mm</i>
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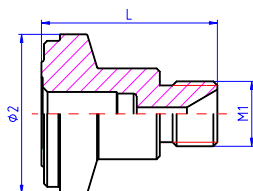
D.120.00.20.55	Racor de salida M20x1.5 L55 (A) <i>Outlet coupling M20x1.5 L55 (A)</i>
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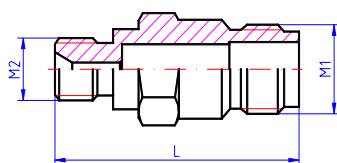
D.120.00.22.66	Racor de salida M22x1.5 L=66mm <i>Outlet coupling M22x1.5 L=66mm</i>
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D.120.00.26.72	Racor elem. de salida M26x1.5 L=72 <i>Outlet coupling for item M26x1.5 L=72</i>
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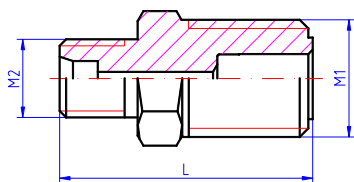
D.120.01.20.55	Racor de salida M20x1.5 L55 (B) <i>Outlet coupling M20x1.5 L55 (B)</i>
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D.120.20.14.58	Conexión tipo "B" M20 x M14 L=58 <i>Coupling type "B" M20 x M14 L=58</i>
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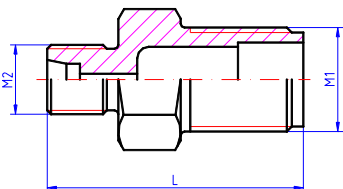
D.120.30.16.74	Conexión tipo "B" M30 x M18 L=74 <i>Coupling type "B" M30 x M18 L=74</i>
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Referencia	Descripción
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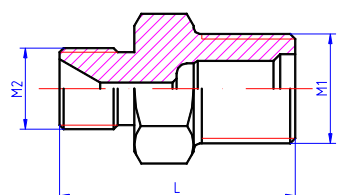
D.120.27.18.58

Racor de elemento M27.M18 L=58
Coupling for item M27.M18 L=58



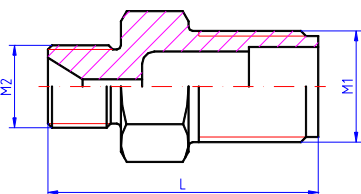
D.120.27.18.66

Racor de elemento M27.M18 L=66
Coupling for item M27.M18 L=66



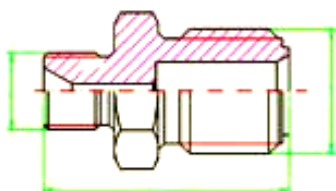
D.120.27.20.58

Racor de elemento M27.M20 L=58
Coupling for item M27.M20 L=58



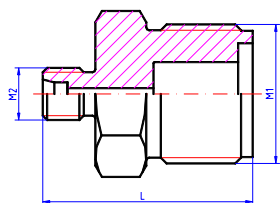
D.120.27.20.66

Racor de elemento M27.M20 L=66
Coupling for item M27.M20 L=66



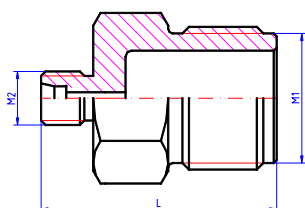
D.120.42.26.82

Racor de elemento M42.M26 L=82
Coupling for item M42.M26 L=82



D.120.48.18.72

Racor de elemento M48.M18 L=72
Coupling for item M48.M18 L=72



D.120.48.18.77

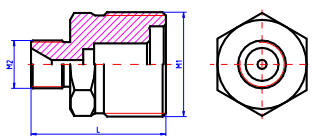
Racor de elemento M48.M18 L=77
Coupling for item M48.M18 L=77

D.120.48.18.79

Racor de elemento M48.M18 L=79
Coupling for item M48.M18 L=79

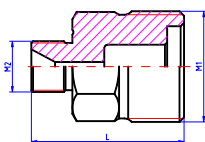
Referencia

Descripción



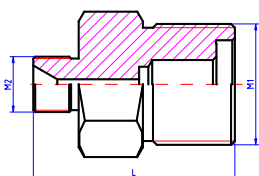
D.120.48.22.62

Racor de elemento M48.M22 L=62
Coupling for item M48.M22 L=62



D.120.48.22.67

Racor de elemento M48.M22 L=67
Coupling for item M48.M22 L=67

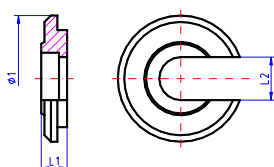


D.120.48.20.80

Racor de elemento M48.M20 L=80
Coupling for item M48.M20 L=80

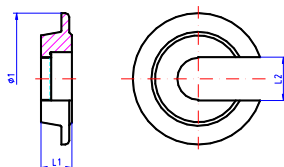
D.120.48.22.80

Racor de elemento M48.M22 L=80
Coupling for item M48.M22 L=80



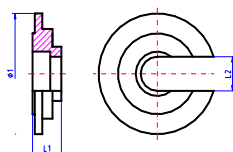
D.130.39.08

Platillo Ø39x8mm.
Plate Ø39x8mm.



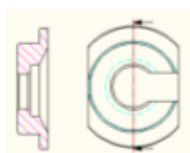
D.130.50.12

Platillo Ø50x12mm.
Plate Ø50x12mm.



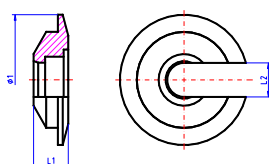
D.130.53.13

Platillo Ø53x13mm.
Plate Ø53x13mm.



D.130.55.14

Platillo Ø55x14mm.
Plate Ø53x13mm.

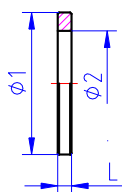
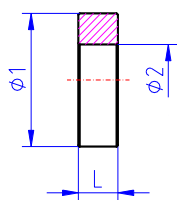
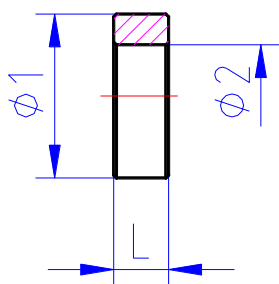
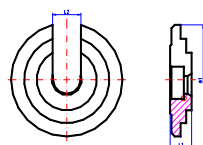
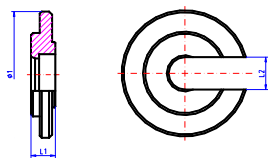
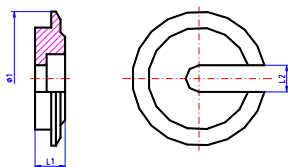


D.130.56.15

Platillo Ø55.5x15mm.
Plate Ø55.5x15mm.

Referencia

Descripción



D.130.58.12	Platillo Ø57.8x12mm. <i>Plate Ø57.8x12mm.</i>
D.130.58.13	Platillo Ø57.8x13mm. <i>Plate Ø57.8x13mm.</i>

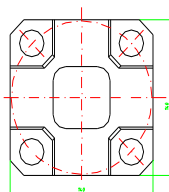
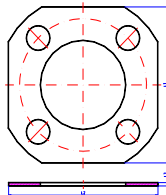
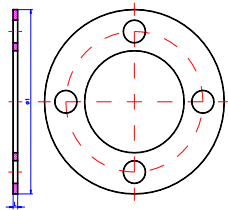
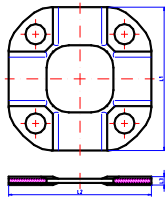
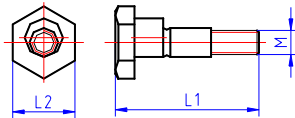
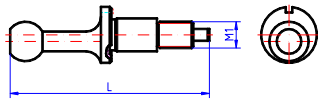
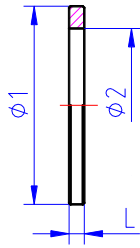
D.130.62.12	Platillo Ø62.3x12mm. <i>Plate Ø62.3x12mm.</i>
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D.130.83.16	Platillo Ø83x16mm. <i>Plate Ø83x16mm.</i>
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D.151.12.04	Arandela Ø12xØ7.5x4mm. esp. <i>Washer Ø12xØ7.5x4mm. thick</i>
D.151.14.04	Arandela Ø14xØ7.5x4mm. esp. <i>Washer Ø14xØ7.5x4mm. thick</i>
D.151.15.05	Arandela Ø15xØ7.5x5mm. esp. <i>Washer Ø15xØ7.5x5mm. thick</i>
D.151.16.04	Arandela Ø16xØ7.5x4.5mm. esp. <i>Washer Ø16xØ7.5x4.5mm. thick</i>
D.151.16.05	Arandela Ø16xØ7.5x5mm. esp. <i>Washer Ø16xØ7.5x5mm. thick</i>
D.151.16.06	Arandela Ø16xØ8.4x5mm. esp. <i>Washer Ø16xØ8.4x5mm. thick</i>
D.151.16.09	Arandela Ø16xØ9.3x1.8mm. esp. <i>Washer Ø16xØ9.3x1.8mm. thick</i>
D.151.16.09.05	Arandela Ø16xØ9.5x5mm. esp. <i>Washer Ø16xØ9.5x5mm. thick</i>

D.151.19.06	Arandela Ø19.7xØ10.5x6mm. esp. <i>Washer Ø19.7xØ10.5x6mm. thick</i>
D.151.20.05	Arandela Ø20xØ8.4x5mm. esp. <i>Washer Ø20xØ8.4x5mm. thick</i>
D.151.20.07	Arandela Ø20xØ8.5x7mm. esp. <i>Washer Ø20xØ8.5x7mm. thick</i>

D.151.20.15	Arandela Ø20.5xØ15.2x2mm. esp. <i>Washer Ø20.5xØ15.2x2mm. thick</i>
D.151.23.15	Arandela Ø23xØ15x1.5mm. esp. <i>Washer Ø23xØ15x1.5mm. thick</i>
Referencia	Descripción



D.151.25.20	Arandela Ø25.8xØ20.2x2mm. esp. <i>Washer Ø25.8xØ20.2x2mm. thick</i>
D.151.25.25	Arandela Ø25.8xØ20.2x2.5mm. esp. <i>Washer Ø25.8xØ20.2x2.5mm. thick</i>
D.151.28.23	Arandela Ø28xØ23x2mm. esp. <i>Washer Ø28xØ23x2mm. thick</i>
D.151.31.02	Arandela Ø31xØ26.2x2mm. esp. <i>Washer Ø31xØ26.2x2mm. thick</i>
D.151.42.36	Arandela Ø41.6xØ35.6x2mm. esp. <i>Washer Ø41.6xØ35.6x2mm. thick</i>

D.152.08.60	Regulador excéntrico M8x60.8mm <i>Eccentric regulator M8x60.8mm</i>
D.152.08.45	Regulador excéntrico M8x47.7 <i>Eccentric regulator M8x47.7</i>

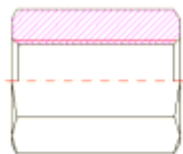
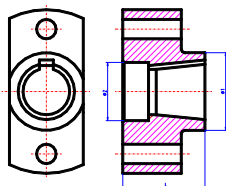
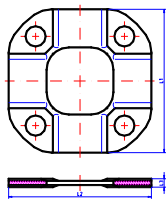
D.049.05.30	Tornillo Excéntrico M5 L=30 mm <i>Eccentric screw M5 L=30 mm</i>
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MD.004528	Lámina de arrastre bomba DEUTZ 528 <i>Drive plate for pump DEUTZ 528</i>
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MD.008528	Lámina de arrastre Ø65.3xØ118x3 <i>Drive plate Ø65.3xØ118x3</i>
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MD.008640	Lámina de arrastre DEUTZ 640 140x140 D.80 <i>Drive plate DEUTZ 640 140x140xD.80</i>
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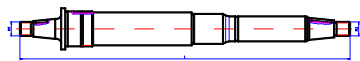
MD.008358	Lámina de arrastre DEUTZ 358 140x140x56 <i>Drive plate DEUTZ 358 140x140x56</i>
Referencia	Descripción



MD.008000	Lámina de arrastre DEUTZ 122X122X10 esp. <i>Drive plate DEUTZ 122x122x10</i>
MD.010528	Brida acoplamiento motor DEUTZ 528 <i>Coupling flange for motor DEUTZ 528</i>
MD.009528	Tuerca M27x2 L=55mm <i>Nut M27x2 L=55mm</i>

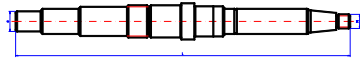
MOTORES DIESEL / DIESEL ENGINES

Referencia	Descripción
D.051.42.124	Camisa de inyector Ø42x123.5 Deutz T.B.D.620 <i>Injector jacket Ø42x123.5 Deutz T.B.D.620</i>
D.117.102.32	Precámara inyector M32x1.5 DEUTZ 816 <i>Injector prechamber M32x1.5 DEUTZ 816</i>
D.117.93.27	Precámara inyector M27x2 DEUTZ 716 <i>Injector prechamber M27x2 DEUTZ 716</i>
MD.010545	Válvula de arranque DEUTZ 545 Ø48x265 mm (Guía de Bronce) <i>Start Valve motor DEUTZ 545 Ø48x265 mm (Bronze Guide)</i>
MD.010628	Válvula de arranque motor DEUTZ 628 <i>Start Valve motor DEUTZ 628</i>
MD.010628.01	Camisa de Válvula de arranque motor DEUTZ 628 (INOX.) <i>Start jacket Valve motor DEUTZ 628 (Inox.)</i>
Referencia	Descripción



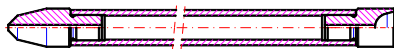
MD.001528

Eje bomba de agua Motor DEUTZ 528
Water pump shaft, Motor DEUTZ 528



MD.001545

Eje bomba de agua Motor DEUTZ 545
Water pump shaft DEUTZ 545

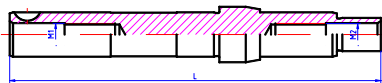


MD.001628

Barra balancín ADMISION Motor DEUTZ 628
Admisión rocker bar Motor DEUTZ 628

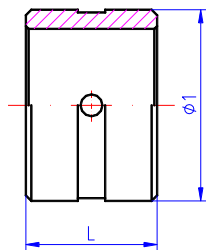
MD.002628

Barra balancín ESCAPE Motor DEUTZ 628
Exhaust rocker bar Motor DEUTZ 628



MD.001816.716

Eje bomba agua dulce DEUTZ 816.716
Fresh water pump shaft Motor DEUTZ 816.716



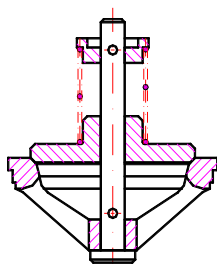
MD.002528

Casquillo balancín bronce Ø35xØ28x24
Rocker brass bushin Ø35xØ28x24



MD.003528

Casquillo Bomba aliment. Ø32xØ25x15
Rocker Bomb bushin Ø32xØ25x15



MD.005528

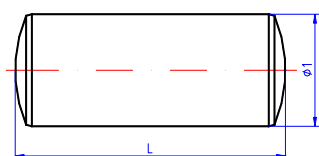
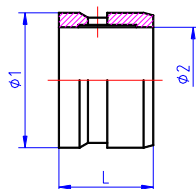
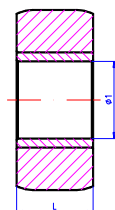
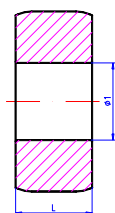
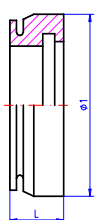
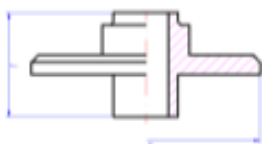
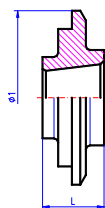
Válvula de aspiración Ø55 DEUTZ 528
Suction valve Ø55 DEUTZ 528

MD.006528

Válvula de aspiración Ø65 DEUTZ 528
Suction valve Ø65 DEUTZ 528

Referencia

Descripción



MD.007528	Plato resorte de válvula DEUTZ 528 <i>Valve spring plate DEUTZ 528</i>
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MD.00735058	Plato válvula Baja Ø84x40 mm. <i>Valve down plate Ø84x40 mm.</i>
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MD.00835058	Plato válvula Alta Ø92x42 mm. <i>Valve high plate Ø92x42 mm.</i>
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MD.009628	Cierre de retén bomba de agua DEUTZ 628 <i>Water pump retaining seal DEUTZ 628</i>
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MD.00935058	Rodillo del taqué Ø30xØ70 L=30mm <i>Tappet roller Ø30xØ70 L=30mm</i>
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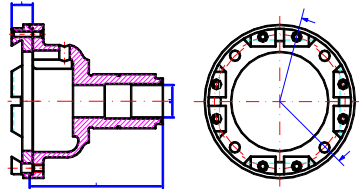
MD.01035058	Rodillo del taqué con casquillo de bronce Ø30xØ70 L=30mm <i>Tappet roller with brass bushing Ø30xØ70 L=30mm</i>
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MD.012528	Casquillo bomba aceite Ø28xØ22x19.4 <i>Oil pump bushing Ø28xØ22x19.4</i>
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MD.01135058.1	Bulón para rodillo del taqué Ø25x51,5 <i>Bolt for tappet roller Ø25x51,5</i>
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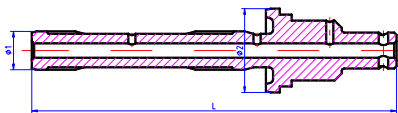
MD.01135058.2	Bulón para rodillo del taqué Ø25x48 <i>Bolt for tappet roller Ø25x48</i>
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REGULADOR MOTOR / MOTOR REGULATOR



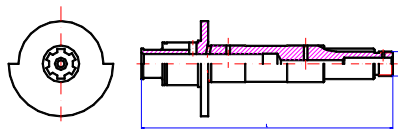
MD.00235058

Grupo regulador Motor DEUTZ 350. 358.
Regulator set Motor DEUTZ 350. 358.
COMPLETE



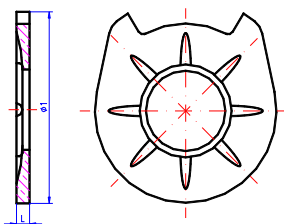
MD.00635058

Vástago grupo regulador DEUTZ 350 - 358
Regulator set stem Motor DEUTZ 350. 358



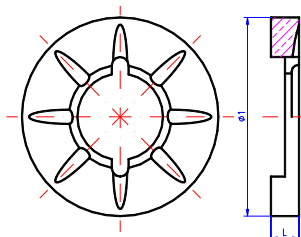
MD.00135058

Eje regulador Motor DEUTZ 350.358
Regulator shaft Motor DEUTZ 350.358



MD.00435058

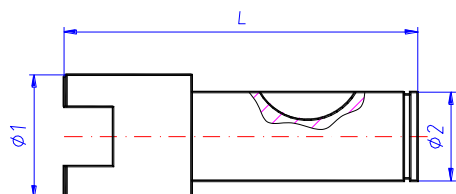
Plato bronce Marca-1 DEUTZ 350 - 358
Brass plate, mark-1 Motor DEUTZ 350 - 358



MD.00535058

Plato bronce Marca-2 DEUTZ 350.358
Brass plate, mark-2 Motor DEUTZ 350.358

LUBRIFICACIÓN / LUBRICATION



Referencia	Descripción
D.030.25.72	Eje lubricador Ø25XØ18X72 <i>Lubrication spindle Ø25XØ18X72</i>

TRABAJOS DE TALLER

- Fabricación de piezas en todo tipo de materiales (aceros, plásticos, etc.) según planos o muestras, en máquinas de control numérico (tornos y centros de mecanizado) hasta una longitud de 4 metros y 6 metros de diámetro. Como recorrería hidráulica, tornillos, pernos, husillos, reducciones, matrices, levas, horquillas, correderas, etc.
- Construcción de pequeña calderería, conjuntos de mecano-soldadura, equipos para instalaciones industriales, recuperado de piezas con duro-cromo, fabricación de utillajes.
- Fabricación y reparación de maquinaria de elaboración de pescado como peladoras de pescado, mesas para aprovechamiento del agua, glaseadoras, cintas transportadoras, limpiadores de pota y calamar, rompedoras de bloques y exprimidoras calamar.
- Reparación y verificación de motores. Rectificado y encasquillado de bielas y cilindros, recuperación con soldadura de culatas, etc.
- Oficina técnica para diseño y construcción de máquinas y utillajes a medida de acuerdo con las especificaciones del cliente.

OBRAS EXTERIORES ("IN SITU")

- Mecanizado "in situ" de líneas de ejes, pinzotes, limeras, bloques y cárteres de motores, asientos de camisas, chumaceras, alojamientos de rodillos, alojamientos de rodamientos, poleas de gran diámetro, alojamientos de asientos de propulsores azimutales (*VOITH, SCHOTTEL, LIPS*), todo ello comprobado y verificado con alineador óptico de gran precisión. Nos adaptamos a cualquier nuevo trabajo de mecanizado "in situ"
- Rectificado de muñequillas de cigüeñal en biela y bancada, alojamientos de rodamientos, rodillos de prensas, cilindros de gran diámetro en su diámetro interior y exterior, planificado de asiento de bridas de torres eólicas.
- Cierres de bocina para buques de la firma IHC LAGERSMIT, marcas comerciales SUPREME, SUBLIME. Cierres para ejes de pala de timón. Cierres obturadores para bombas de fluidos

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