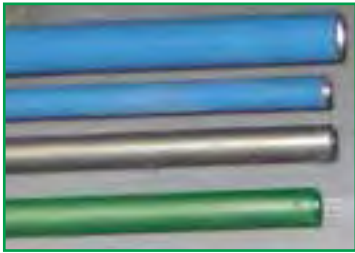




TUBAZIONE - PIPING - TUBERÍA



Tubazione in Alluminio per aria compressa, lavavetri, antigelo e fluidi esausti.



Aluminium piping for compressed air, windshield cleanser, antifreeze and exhaust fluids.



Tubería de aluminio para aire comprimido, limpiacristales, anticongelante y fluidos usados.



Tubazione in acciaio bonderizzato per distribuzione olio con pressione max 180 bar.



Bonderized steel piping for oil distribution with max. pressure of 180 bar.



Tubería de acero bonderizado para la distribución de aceite con presión máx. de 180 bares.



Tubo flessibile per impianti oleodinamici - al metro.

Flexible hose for hydraulic systems - per meter.

Tubo flexible para instalaciones hidráulicas - por metro.

CODE	Ø	Bar
ODTF-3/8R1T	3/8"	180
ODTF-1/2R1T	1/2"	160
ODTF-3/4R1T	3/4"	105
ODTF-1R1T	1"	90
ODTF-1 1/4"R2T	1" 1/4"	125



Rotolo di tubo flessibile da 10 m raccordato (maschio - femmina).

10 m connected flexible hose roll (male - female)

Rollo de tubo flexible de 10 m acoplado (macho - hembra).

CODE	Ø	Bar
ODTF-3/8R1TL10-MFG	3/8"	180
ODTF-1/2R1TL10-MFG	1/2"	160
ODTF-3/4R1TL10-MFG	3/4"	105
ODTF-1R1TL10-MFG	1"	90



Raccordi maschi a pressare per tubo flessibile - attacco filettato e tubo dello stesso Ø.

Pressing male fittings for flexible hose - threaded connection and pipe of the same Ø.

Racores machos de presión para tubo flexible - acoplamiento roscado y tubo del mismo Ø.

CODE	G
ODRPD-G3/8-R3/8	3/8"
ODRPD-G1/2-R1/2	1/2"
ODRPD-G3/4-R3/4	3/4"
ODRPD-G1-R1	1"



Raccordi a pressare per tubo flessibile (femmina girevole) - attacco filettato e tubo dello stesso Ø.

Pressing fittings for flexible hose (swivel female type) - threaded connection and pipe of the same Ø.

Racores de presión para tubo flexible (hembra giratorio) - acoplamiento roscado y tubo del mismo Ø.

CODE	G
ODRPD-G3/8F-GR3/8	3/8"
ODRPD-G1/2FG-R1/2	1/2"
ODRPD-G3/4FG-R3/4	3/4"
ODRPD-G1FG-R1	1"
ODRPD-G1-1/4FG-R1-1/4	1" 1/4"





Boccola a pressare su tubo flessibile.

Pressing bushing on flexible hose.

Anillo de presión para tubo flexible.

CODE	G
ODRPB-3/8R1T	3/8"
ODRPB-1/2R1T	1/2"
ODRPB-3/4R1T	3/4"
ODRPB-1R1T	1"
ODRPB-1-1/4R2AT	1" 1/4"



Nipplo dritto (maschio - maschio).

Straight nipple (male - male).

Niple recto (macho - macho).

CODE	G
ODRD-G3/8M	3/8"
ODRD-G1/2M	1/2"
ODRD-G3/4M	3/4"
ODRD-G1M	1"



Manicotto femmina - femmina girevole.

Female sleeve (female - female).

Manguito hembra - hembra giratorio.

CODE	G
ODRD-G3/8FG	3/8"
ODRD-G1/2FG	1/2"
ODRD-G3/4FG	3/4"
ODRD-G1FG	1"



Adattatore a T femmina girevole.

Swivel female T-adapter

Adaptador en T hembra giratorio.

CODE	G
ODRT-G3/8FG	3/8"
ODRT-G1/2FG	1/2"
ODRT-G3/4FG	3/4"
ODRT-G1FG	1"



Tubo rigido bonderizzato per impianti oleodinamici - L. 6 m.

Bonderized rigid pipe for hydraulic systems - L. 6 m.

Tubo rígido bonderizado para instalaciones oleodinámicas - L. 6 m.

CODE	Ø INT.	Ø EXT.	Bar Max
ODTR-10X14L6	ØI 10	ØE 14	300
ODTR-12X16L6	ØI 12	ØE 16	260
ODTR-14X18L6	ØI 14	ØE 18	220
ODTR-16X20L6	ØI 16	ØE 20	200
ODTR-18X22L6	ØI 18	ØE 22	170
ODTR-21X25L6	ØI 21	ØE 25	225
ODTR-20X25L6	ØI 20	ØE 25	190
ODTR-24X30L6	ØI 24	ØE 30	190



Raccordo dritto con ogiva per tubo.

Straight fitting with spinner for pipe

Racor recto con ojiva para tubo.

CODE	Ø EXT.
ODRD-OG14	ØE14
ODRD-OG16	ØE 16
ODRD-OG18	ØE 18
ODRD-OG20	ØE 21
ODRD-OG22	ØE 20
ODRD-OG25	ØE 25
ODRD-OG30	ØE 30
ODRD-OG35	ØE 24



Raccordo dritto maschio gas cilindrico ogiva per tubo.

Spinner cylindrical gas male straight fitting for pipe.

Racor recto macho gas cilíndrico con ojiva para tubo.

CODE	G	Ø EXT.
ODRD-G1/2M-OG14	1/2"	ØE 14
ODRD-G1/2M-OG16	1/2"	ØE 16
ODRD-G3/4M-OG16	3/4"	ØE 16
ODRD-G1/2M-OG18	1/2"	ØE 18
ODRD-G3/4M-OG20	3/4"	ØE 20
ODRD-G1M-OG20	1"	ØE 20
ODRD-G3/4M-OG22	3/4"	ØE 22
ODRD-G3/4M-OG25	3/4"	ØE 25
ODRD-G1M-OG25	1"	ØE 25
ODRD-G1M-OG30	1"	ØE 30
ODRD-G1M-OG35	1"	ØE 35





Raccordo dritto femmina gas cilindrico - ogiva.

Cylindrical - spinner gas female straight fitting

Racor recto hembra gas cilíndrico - ojiva.

CODE	G	Ø EXT.
ODRD-G1/2F-OG14	1/2"	ØE14
ODRD-G1/2F-OG16	1/2"	ØE 16
ODRD-G1/2F-OG18	1/2"	ØE 18
ODRD-G3/4F-OG20	3/4"	ØE 20
ODRD-G3/4F-OG22	3/4"	ØE 22
ODRD-G1F-OG25	1"	ØE 25



Raccordo a 90° femmina ogiva - femmina ogiva.

90° fitting (ogive female - ogive female)

Racor de 90° hembra ojiva - hembra ojiva.

CODE	Ø EXT.
ODRL-OG14	ØE14
ODRL-OG16	ØE 16
ODRL-OG18	ØE 18
ODRL-OG20	ØE 20
ODRL-OG22	ØE 22
ODRL-OG25	ØE 25
ODRL-OG30	ØE 30
ODRL-OG35	ØE 35



Raccordo intermedio a T con ogiva.

Intermediate T-fitting with ogive.

Racor intermedio en T con ojiva.

CODE	Ø EXT.
ODRT-OG14	ØE14
ODRT-OG16	ØE 16
ODRT-OG20	ØE 20
ODRT-OG25	ØE 25
ODRT-OG30	ØE 30
ODRT-OG35	ØE 35



Valvola di ritegno unidirezionale - femmina femmina.

One-way check valve (female-female)

Válvula de retención unidireccional - hembra hembra.


CODE	G
ODVRU-G3/8F	3/8"
ODVRU-G1/2F	1/2"
ODVRU-G3/4F	3/4"
ODVRU-G1F	1"



Rubinetto a sfera con 2 vie a leva - femmina femmina.

2-way lever ball valve (female - female).


Grifo esférico con 2 vías de palanca - hembra hembra.

CODE	G	
ODVSL-G3/8F	3/8"	
ODVSL-G1/2F	1/2"	
ODVSL-G3/4F	3/4"	
ODVSL-G1F	1"	

Manometro radiale in glicerina con cassa in INOX G 1/4" Ø 63.

Radial gauge in glycerine with stainless steel box G 1/4" Ø 63.


Manómetro radial de glicerina con caja de ACERO INOXIDABLE G 1/4" Ø 63.

CODE	RANGE Bar	FLUID	
OMMF-D63G1/4-100	0 - 100	OLIO OIL ACEITE	
OMMF-FMPF3216DF03	0 - 16	ANTIGELO ANTIFREEZE ANTICONGELANTE	

Accumulatore di smorzamento plusazioni commessione M18x1,5 femmina, volume Azoto 0,75 L , precarica Max 150 Bar.

Pulsation damping accumulator, M18x1.5 female connection, Nitrogen volume 0.75 L, Max pre-charge 150 Bar.


Acumulador de amortiguamiento de pulsaciones conexión M18x1,5 hembra, volumen de Nitrógeno 0,75 l, precarga máx. 150 Bares.

CODE	PRESS. MAX Bar	Kg	
ODAC-FOXH700R	210	2,7	

Staffa a parete per supporto tubi rigidi.

Wall bracket for rigid hose support.


Estribo de pared para soporte de tubos rígidos.

CODE	L mm	
E-311717	350	
E-311728	500	
E-311756	700	

Collari supporto tubo per staffa con dado slik e barra filettata.

Pipe support collars for bracket with slik nut and threaded bar.

Collares de soporte de tubo para estribo con tuerca slik y barra roscada.

CODE	G	
ODCLM-1418	3/8"	
ODCLM-2026	1/2"	
ODCLM-2330	3/4"	
ODCLM-3340	1"	




TUBAZIONE - PIPING - TUBERÍA

Tubazione in alluminio verniciato blu ral 5012 (aria) P. Max 13 Bar.

Blue painted (RAL 5012) aluminium piping (air) Max P. 13 Bar.


Tubería de aluminio pintado azul ral 5012 (aire) P. Máx. 13 Bares.

CODE	Ø EXT.	L Mt	
FD-TUAL6020	ØE 20	6	
FD-TUAL6025	ØE 25	6	
FD-TUAL6032	ØE 32	6	
FD-TUAL6040	ØE 40	6	

Tubazione in alluminio verniciato verde ral 6018 (acqua) P. Max 13 Bar.

Green painted (RAL 6018) aluminium piping (water) Max P. 13 Bar.


Tubería de aluminio pintado verde ral 6018 (agua), P. máx. 13 Bares.

CODE	Ø EXT.	L Mt	
FD-TUAL6020-R6018	ØE 20	6	
FD-TUAL6025-R6018	ØE 25	6	

Tubazione in alluminio verniciato marrone ral 8007 (atigelo, olio esausto e lavavetri*) P. Max 13 Bar.

Brown painted (RAL 8007) aluminium piping (antifreeze, exhaust oil, windshield cleanser*) Max P. 13 Bar.

Tubería de aluminio pintado marrón ral 8007 (anticongelante, aceite usado y limpiacristales*), P. máx. 13 Bares.

CODE	Ø EXT.	L Mt	
FD-TUAL6020-R8007	ØE 20	6	
FD-TUAL6025-R8007	ØE 25	6	

*Per la distribuzione del liquido lavavetri aggiungere due gurnizioni in Viton code FD-ORV025 (vedi pag. 170) per ogni raccordo.

*Add two Viton gaskets (code FD-ORV025) on each fitting to distribute the windshield cleanser (see page 170).

*Para la distribución del líquido limpiacristales, añada dos acoplamientos tipo Vitón, code (código) FD-ORV025 (consulte la pág. 170) por cada racor.

Raccordo dritto in tecnopolimero P.max 13 Bar.

Technopolymer straight fitting Max. P. 13 Bar.

Racor recto de tecnopolímero, P. máx. 13 Bares.

CODE	Ø
FD-MA10016	16
FD-MA10020	20
FD-MA10025	25
FD-MA10032	32
FD-MA10040	40
FD-MA10050	50
FD-MA10063	63



Gomito a 45° in tecnopolimero P.max 13 Bar.

Technopolymer 45° elbow fitting Max. P. 13 Bar.

Codo de 45° de tecnopolímero, P. máx. 13 Bares.

CODE	Ø
FD-GO4510020	20
FD-GO4510025	25
FD-GO4510032	32
FD-GO4510040	40
FD-GO4510050	50
FD-GO4510063	63



Gomito a 90° in tecnopolimero P.max 13 Bar.

Technopolymer 90° elbow fitting Max. P. 13 Bar.

Codo de 90° de tecnopolímero, P. máx. 13 Bares.

CODE	Ø
FD-GO9010016	16
FD-GO9010020	20
FD-GO9010025	25
FD-GO9010032	32
FD-GO9010040	40
FD-GO9010050	50
FD-GO9010063	63



Tappo di fine in tecnopolimero P.max 13 Bar.

Technopolymer end cap Max. P. 13 Bar.

Tapón de final de línea de tecnopolímero, P. máx. 13 Bares.

CODE	Ø
FD-CA10016	16
FD-CA10020	20
FD-CA10025	25
FD-CA10032	32
FD-CA10040	40
FD-CA10050	50
FD-CA10063	63



Raccordo a T 90° in tecnopolimero P.max 13 Bar.

Technopolymer 90° T-fitting Max. P. 13 Bar.

Racor en T 90° de tecnopolímero, P. máx. 13 Bares.

CODE	Ø
FD-TE10016	16
FD-TE10020	20
FD-TE10025	25
FD-TE10032	32
FD-TE10040	40
FD-TE10050	50
FD-TE10063	63



Manicotto di riduzione in tecnopolimero P.max 13 Bar.

Technopolymer reduction sleeve Max. P. 13 Bar.

Manguito de reducción de tecnopolímero, P. máx. 13 Bares.

CODE	Ø ₁	Ø ₂
FD-RID10025020	25	20
FD-RID10032025	32	25
FD-RID10040025	40	25
FD-RID10040032	40	32
FD-RID10050040	50	40



Raccordo a T 90° in tecnopolimero a filetto femmina P.max 13 Bar.

Technopolymer 90° T-fitting with female thread, max. P 13 Bar.

Racor en T 90° de tecnopolímero con rosca hembra, P. máx. 13 Bares.

CODE	Ø	G
FD-TP10020048	20	1/2" F
FD-TP10025048	25	1/2" F



Raccordo a T 90° in tecnopolimero con riduzione P.max 13 Bar.

Technopolymer 90° T-fitting with reduction, max. P 13 Bar.

Racor en T 90° de tecnopolímero con reducción, P. máx. 13 Bares.

CODE	Ø	ØR
FD-TR10020016	20	16
FD-TR10025016	25	16
FD-TR10025020	25	20
FD-TR10032020	32	20
FD-TR10032025	32	25
FD-TR10040025	40	25
FD-TR10040032	40	32
FD-TR10050032	50	32
FD-TR10050040	50	40
FD-TR10063040	63	40
FD-TR10063050	63	50



Presse di deviazione rapida in tecnopolimero P.max 13 Bar.

Technopolymer quick diverter socket, max. P. 13 Bar

Toma de desviación rápida de tecnopolímero, P. máx. 13 Bares.

CODE	Ø ₁	Ø ₂
FD-DER10025016	25	16
FD-DER10032016	32	16
FD-DER10040016	40	16
FD-DER10025020	25	20
FD-DER10032020	32	20
FD-DER10040020	40	20
FD-DER10040025	40	25
FD-DER10050016	50	16
FD-DER10050020	50	20
FD-DER10050025	50	25
FD-DER10063020	63	20
FD-DER10063025	63	25
FD-DER10063032	63	32



Presad di deviazione a filetto femmina in tecnopolimero P.max 13 Bar.

Technopolymer quick diverter socket with female thread, max. P. 13 Bar

Toma de desviación de rosca hembra de tecnopolímero, P. máx. 13 Bares.

CODE	Ø	G
FD-DERFF025048	25	1/2" F
FD-DERFF032048	32	1/2" F
FD-DERFF040048	40	1/2" F
FD-DERFF040068	40	3/4" F
FD-DERFF050068	50	3/4" F
FD-DERFF063048	63	1/2" F
FD-DERFF063068	63	3/4" F
FD-DERFF063088	63	1" F



Raccordo maschio in tecnopolimero P.max 13 Bar.

Technopolymer male fitting Max. P. 13 Bar.

Racor macho de tecnopolímero, P. máx. 13 Bares.

CODE	Ø	G
FD-MN10016048	16	1/2" M
FD-MN10020048	20	1/2" M
FD-MN10020068	20	3/4" M
FD-MN10025048	25	1/2" M
FD-MN10025068	25	3/4" M
FD-MN10025088	25	1" M
FD-MN10032088	32	1" M
FD-MN10032108	32	1 1/4" M
FD-MN10040088	40	1" M
FD-MN10040108	40	1 1/4" M
FD-MN10040128	40	1 1/2" M
FD-MN10050128	50	1 1/2" M
FD-MN10050168	50	2" M
FD-MN10063168	63	2" M



Raccordo maschio tubo rigido a flessibile con corpo in alluminio P.max 13 Bar.

Rigid or flexible pipe male fitting with aluminium body Max P. 13 Bar.

Racor macho tubo rígido y flexible con cuerpo de aluminio, P. máx. 13 Bares.

CODE	Ø	G
FD-MNM10020048	20	1/2" M
FD-MNM10020068	20	3/4" M
FD-MNM10025088	25	1" M
FD-MNM10032108	32	1"1/4" M
FD-MNM10040128	40	1"1/2" M
FD-MNM10050128	50	1"1/2" M



Raccordo femmina con corpo in alluminio P.max 13 Bar.

Female fitting with aluminium body Max P. 13 Bar.

Racor hembra con cuerpo de aluminio, P. máx. 13 Bares.

CODE	Ø	G
FD-MPM10020048	20	1/2" F
FD-MPM10020068	20	3/4" F
FD-MPM10025088	25	1" F
FD-MPM10032108	32	1"1/4" F
FD-MPM10040128	40	1"1/2" F
FD-MPM10050128	50	1"1/2" F



Applique mono a muro femmina P.max 13 Bar.

Female single wall mounting piece Max. P. 13 Bar.

Applique mono de pared hembra, P. máx. 13 Bares.

CODE	Ø	G
FD-APM016	16	1/2" F
FD-APM020	20	1/2" F



Applique mono a muro femmina con valvola P.max 13 Bar.

Female single wall mounting piece with valve Max. P. 13 Bar.

Applique mono de pared hembra con válvula, P. máx. 13 Bares.

CODE	Ø	G
FD-APMVA016	16	1/2" F
FD-APMVA020	20	1/2" F



Applique a muro doppio femmina P.max 13 Bar.

Female double wall mounting piece Max. P. 13 Bar.

Aplique de pared doble hembra, P. máx. 13 Bares.

CODE	Ø	G
FD-APL016	16	1/2" F
FD-APL020	20	1/2" F
FD-APL025	25	1/2" F



Applique a muro doppio con filetto femmina P.max 13 Bar.

Double wall mounting piece with female thread Max. P. 13 Bar.

Aplique de pared doble con rosca hembra, P. máx. 13 Bares.

CODE	G ₁	G ₂
FD-APLFF048048	1/2" F	1/2" F
FD-APLFF068048	3/4" F	1/2" F



Applique a muro doppio femmina con valvola a sfera P.max 13 Bar.

Female double wall mounting piece with ball valve max P. 13 Bar.

Aplique de pared doble hembra con válvula esférica, P. máx. 13 Bares.

CODE	Ø	G
FD-APLVA016	16	1/2" F
FD-APLVA020	20	1/2" F
FD-APLVA025	25	1/2" F



Compensatore di dilatazione P.max 13 Bar.

Expansion Joint max P. 13 Bar

Compensador de dilatación, P. máx. 13 Bares.

CODE	Ø
FD-FLEX020	20
FD-FLEX025	25
FD-FLEX032	32
FD-FLEX040	40



Fermatubo con inserto M8.

Pipe clip with insert M8.

Abrazadera para tubo M8.

CODE	Ø	
FD-FEM8020	20	
FD-FEM8025	25	
FD-FEM8032	32	
FD-FEM8040	40	

Distanziali.

Spacers.

Separadores.

CODE	Ø	
FD-DIRSPEO32	20-32	
FD-DIRSPE063	40-63	





Valvola a sfera femmina - femmina.

Ball valve (female - female).

Válvula esférica hembra - hembra.

CODE	GF	GF
FD-B60304	1/2" F	1/2" F
FD-B60306	3/4" F	3/4" F
FD-B60308	1" F	1" F
FD-B60310	1" 1/4 F	1" 1/4 F
FD-B60312	1" 1/2 F	1" 1/2 F



Valvola a sfera maschio - femmina.

Ball valve (male - female)

Válvula esférica macho - hembra.

CODE	GM	GF
FD-B60504	1/2" M	1/2" F
FD-B60506	3/4" M	3/4" F
FD-B60508	1" M	1" F
FD-B60510	1" 1/4 M	1" 1/4 F



Guarnizione in Viton per lavavetri.

Viton gasket for windshield cleanser

Junta tipo Vitón para limpiacristales.

CODE	Ø
FD-ORV020	20
FD-ORV025	25



Valvola a sfera femmina P.max 13 Bar.

Female ball valve Max P. 13 Bar.

Válvula esférica hembra, P. máx. 13 Bares.

CODE	Ø	GF
FD-LVAF016048	16	1/2" F
FD-LVAF020048	20	1/2" F
FD-LVAF020048	20	3/4" F
FD-LVAF025068	25	3/4" F



Valvola a sfera maschio P.max 13 Bar.

Male ball valve Max P. 13 Bar.

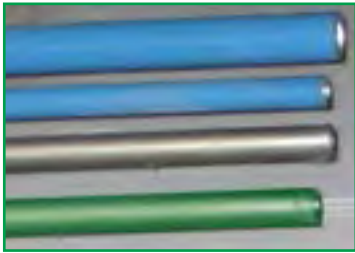
Válvula esférica macho, P. máx. 13 Bares.

CODE	Ø	GM
FD-LVAM016048	16	1/2" F
FD-LVAM020048	20	1/2" F
FD-LVAM020068	20	3/4" F
FD-LVAM025068	25	3/4" F





TUBAZIONE - ROHRE - TUYAU



Tubazione in Alluminio per aria compressa, lavavetri, antigelo e fluidi esausti.



Alurohr für Druckluft, Scheibenreiniger, Forstschutz und alte Flüssigkeiten.



Tuyau rigide en aluminium pour l'air comprimé, lave-glace, antigel et fluide usagée.



Tubazione in acciaio bonderizzato per distribuzione olio con pressione max 180 bar.



Phosphatiertes Stahlrohr für Ölversorgung - Max Druck. 180 Bar.



Tuyau rigide en acier bondérisé pour la distribution d'huile avec pression d'air max 180 bar.



Tubo flessibile per impianti oleodinamici - al metro.

Schlauch für Ölanlage - Meter.

Tuyau flexible pour des installations hydrauliques - a mètre.

CODE	Ø	Bar
ODTF-3/8R1T	3/8"	180
ODTF-1/2R1T	1/2"	160
ODTF-3/4R1T	3/4"	105
ODTF-1R1T	1"	90
ODTF-1 1/4"R2T	1" 1/4"	125



Rotolo di tubo flessibile da 10 m raccordato (maschio - femmina).

Rolle mit 10 m Schlauch mir Anschlüssen (IG-AG).

Rouleau de tuyau flexible de 10 m raccorde (masculin - féminin).

CODE	Ø	Bar
ODTF-3/8R1TL10-MFG	3/8"	180
ODTF-1/2R1TL10-MFG	1/2"	160
ODTF-3/4R1TL10-MFG	3/4"	105
ODTF-1R1TL10-MFG	1"	90



Raccordi maschi a pressare per tubo flessibile - attacco filettato e tubo dello stesso Ø.

Pressfitting für Schlauch - Gewinde und Schlauch mit gleiche Ø.

Raccord masculin pour à presse pour le tube flexible - raccord fileté et tuyau de la même diamètre.

CODE	G
ODRPD-G3/8-R3/8	3/8"
ODRPD-G1/2-R1/2	1/2"
ODRPD-G3/4-R3/4	3/4"
ODRPD-G1-R1	1"



Raccordi a pressare per tubo flessibile (femmina girevole) - attacco filettato e tubo dello stesso Ø.

Pressfitting für Schlauch (IG drehbar) - Gewinde und Schlauch mit gleiche Ø.

Raccord a pression pour tuyau flexible (féminin cylindrique) - raccord fileté et tuyau de la même diamètre.

CODE	G
ODRPD-G3/8F-GR3/8	3/8"
ODRPD-G1/2FG-R1/2	1/2"
ODRPD-G3/4FG-R3/4	3/4"
ODRPD-G1FG-R1	1"
ODRPD-G1-1/4FG-R1-1/4	1" 1/4"



Boccola a pressare su tubo flessibile.

Buchse zum aufpressen auf Schlauch.

Bague a presser pour tuyau Flexible.

CODE	G
ODRPB-3/8R1T	3/8"
ODRPB-1/2R1T	1/2"
ODRPB-3/4R1T	3/4"
ODRPB-1R1T	1"
ODRPB-1-1/4R2AT	1" 1/4"



Nipplo dritto (maschio - maschio).

Nippel gerade (AG - AG).

Raccord droit cylindrique (masculin-masculin).

CODE	G
ODRD-G3/8M	3/8"
ODRD-G1/2M	1/2"
ODRD-G3/4M	3/4"
ODRD-G1M	1"



Manicotto femmina - femmina girevole.

Muffe IG-IG Drehbar.

Raccord droit Féminin - (féminine tournant).

CODE	G
ODRD-G3/8FG	3/8"
ODRD-G1/2FG	1/2"
ODRD-G3/4FG	3/4"
ODRD-G1FG	1"



Adattatore a T femmina girevole.

T Adapter IG Drehbar.

Adapteur a` T feminin rotative.

CODE	G
ODRT-G3/8FG	3/8"
ODRT-G1/2FG	1/2"
ODRT-G3/4FG	3/4"
ODRT-G1FG	1"



Tubo rigido bonderizzato per impianti oleodinamici - L. 6 m.

Phosphatiertes Stahlrohr für Ölanlage - L. 6 m.

Tuyau rigide en acier bondérisé pour les installation hydraulique - L. 6 m.

CODE	Ø INT.	Ø EXT.	Bar Max
ODTR-10X14L6	ØI 10	ØE 14	300
ODTR-12X16L6	ØI 12	ØE 16	260
ODTR-14X18L6	ØI 14	ØE 18	220
ODTR-16X20L6	ØI 16	ØE 20	200
ODTR-18X22L6	ØI 18	ØE 22	170
ODTR-21X25L6	ØI 21	ØE 25	225
ODTR-20X25L6	ØI 20	ØE 25	190
ODTR-24X30L6	ØI 24	ØE 30	190



Raccordo dritto con ogiva per tubo.

Gerade Kupplung mit Dichtkegel.

Raccord droit avec ogive pour tuyau

CODE	Ø EXT.
ODRD-OG14	ØE14
ODRD-OG16	ØE 16
ODRD-OG18	ØE 18
ODRD-OG20	ØE 21
ODRD-OG22	ØE 20
ODRD-OG25	ØE 25
ODRD-OG30	ØE 30
ODRD-OG35	ØE 24



Raccordo dritto maschio gas cilindrico ogiva per tubo.

Verbindungstueck gerade Gas mit Dichtkegel fuer Rohr.

Raccord droit masculin gaz cylindrique ogiva pour tuyau.

CODE	G	Ø EXT.
ODRD-G1/2M-OG14	1/2"	ØE 14
ODRD-G1/2M-OG16	1/2"	ØE 16
ODRD-G3/4M-OG16	3/4"	ØE 16
ODRD-G1/2M-OG18	1/2"	ØE 18
ODRD-G3/4M-OG20	3/4"	ØE 20
ODRD-G1M-OG20	1"	ØE 20
ODRD-G3/4M-OG22	3/4"	ØE 22
ODRD-G3/4M-OG25	3/4"	ØE 25
ODRD-G1M-OG25	1"	ØE 25
ODRD-G1M-OG30	1"	ØE 30
ODRD-G1M-OG35	1"	ØE 35





RACCORDERIA - TEILE - RACCORDS

Raccordo dritto femmina gas cilindrico - ogiva.

Verbindungstueck gerade IG Gas mit Dichtkege.

Raccord droit féminin gaz cylindrique -ogive.

CODE	G	Ø EXT.
ODRD-G1/2F-OG14	1/2"	ØE14
ODRD-G1/2F-OG16	1/2"	ØE 16
ODRD-G1/2F-OG18	1/2"	ØE 18
ODRD-G3/4F-OG20	3/4"	ØE 20
ODRD-G3/4F-OG22	3/4"	ØE 22
ODRD-G1F-OG25	1"	ØE 25



Raccordo a 90° femmina ogica - femmina ogiva.

90° Begen IG-IG Gas mit Dichtkegel.

Raccord à 90° féminin ogive - féminin ogive.

CODE	Ø EXT.
ODRL-OG14	ØE14
ODRL-OG16	ØE 16
ODRL-OG18	ØE 18
ODRL-OG20	ØE 20
ODRL-OG22	ØE 22
ODRL-OG25	ØE 25
ODRL-OG30	ØE 30
ODRL-OG35	ØE 35



Raccordo intermedio a T con ogiva.

T Stueck mit Dichtkegel.

Raccord intermédiaire a T avec ogive pour tuyau rigide.

CODE	Ø EXT.
ODRT-OG14	ØE14
ODRT-OG16	ØE 16
ODRT-OG20	ØE 20
ODRT-OG25	ØE 25
ODRT-OG30	ØE 30
ODRT-OG35	ØE 35



Valvola di ritegno unidirezionale - femmina femmina.

Rückschlagarmatur - IG/IG.

Soupape de retenue unidirectionnelle - féminin- féminin.


CODE	G
ODVRU-G3/8F	3/8"
ODVRU-G1/2F	1/2"
ODVRU-G3/4F	3/4"
ODVRU-G1F	1"



Rubinetto a sfera con 2 vie a leva - femmina femmina.

Kugelventil 2stellig - IG-IG.


Robinet a boule 2 voies a levier – féminin – féminin.

CODE	G	
ODVSL-G3/8F	3/8"	
ODVSL-G1/2F	1/2"	
ODVSL-G3/4F	3/4"	
ODVSL-G1F	1"	

Manometro radiale in glicerina con cassa in INOX G 1/4" Ø 63.

Manometer mit Glycerin und INOX Gehäuse G 1/4" Ø 63.


Manomètre radial en glycéline avec caisse de INOX G 1/4" diam. 63.

CODE	RANGE Bar	FLUID	
OMMF-D63G1/4-100	0 - 100	OLIO OEL OIL	
OMMF-FMPF3216DF03	0 - 16	ANTIGELO FROSTSCHUTZ ANTIGEL	

Accumulatore di smorzamento plusazioni commessione M18x1,5 femmina, volume Azoto 0,75 L , prearica Max 150 Bar.

Pulsabsorber, Verbindung AG 18x1,5 IG - Stickstoffvolum 0,75 l, Vordruck max. 150 bar.


Accumulateur d'amortisseur pulsations, M18/1,5 FEMININ, volume azote 0,75 L, pré charge Max 150 Bar.

CODE	PRESS. MAX Bar	Kg	
ODAC-FOXH700R	210	2,7	

Staffa a parete per supporto tubi rigidi.

Wandhalter für Rohre.


Support a mur pour les tuyaux rigide.

CODE	L mm	
E-311717	350	
E-311728	500	
E-311756	700	

Collari supporto tubo per staffa con dado slik e barra filettata.

Rohrschellen für Rohre mit Slick Verschluss und gewindestange.

Colliers support tuyau pour étrier ave écrou silk et Bar filetée.

CODE	G	
ODCLM-1418	3/8"	
ODCLM-2026	1/2"	
ODCLM-2330	3/4"	
ODCLM-3340	1"	



TUBAZIONE - ROHRE - TUYAU

Tubazione in alluminio verniciato blu ral 5012 (aria) P. Max 13 Bar.

Lackierte Alurohr blau RAL5012 für Druckluft - Max Druck 13 Bar.

Tuyaux in aluminium vernis bleu ral 5012 (air) P. Max 13 Bar.

CODE	Ø EXT.	L Mt
FD-TUAL6020	ØE 20	6
FD-TUAL6025	ØE 25	6
FD-TUAL6032	ØE 32	6
FD-TUAL6040	ØE 40	6



Tubazione in alluminio verniciato verde ral 6018 (acqua) P. Max 13 Bar.

Lackierte Alurohr grün RAL6018 für Wasser - Max Druck 13 Bar.

Tuyaux in aluminium vernis vert ral 6018 (eau) P. Max 13 Bar

CODE	Ø EXT.	L Mt
FD-TUAL6020-R6018	ØE 20	6
FD-TUAL6025-R6018	ØE 25	6



Tubazione in alluminio verniciato marrone ral 8007 (atigelo, olio esausto e lavavetri*) P. Max 13 Bar.

Lackierte Alurohr braun RAL 8007 für Frostschutz, Altöl, Scheibenreiniger* - Max Druck 13 Bar.

Tuyaux in aluminium vernis marronne ral 6018 (antigel, huile usage et lave-glace) P. Max 13 Bar.

CODE	Ø EXT.	L Mt
FD-TUAL6020-R8007	ØE 20	6
FD-TUAL6025-R8007	ØE 25	6



*Per la distribuzione del liquido lavavetri aggiungere due guarnizioni in Viton CODE FD-ORV025 (vedi pag. 170) per ogni raccordo.

Für Scheibenreiniger dazu 2 Vitondichtungen berücksichtigen Kode FD-ORV025 (siehe Seite 170).

*Pour la distribution de liquide lave-glace ajouter 2 jonctions in Viton CODE FD-ORVO25 (Voir page 170) pour chaque raccord.

Raccordo dritto in tecnopolimero P.max 13 Bar.

Gerade Kupplung aus Polymerkunststoff Max Druck 13 Bar.

Raccord droit in techno polymère P. max 13 Bar.

CODE	Ø
FD-MA10016	16
FD-MA10020	20
FD-MA10025	25
FD-MA10032	32
FD-MA10040	40
FD-MA10050	50
FD-MA10063	63



Gomito a 45° in tecnopolimero P.max 13 Bar.

45° Bogen aus Polymerkunststoff Max Druck 13 Bar.

Raccord coude 45° in techno polymère P. max 13 Bar.

CODE	Ø
FD-GO4510020	20
FD-GO4510025	25
FD-GO4510032	32
FD-GO4510040	40
FD-GO4510050	50
FD-GO4510063	63



Gomito a 90° in tecnopolimero P.max 13 Bar.

90° Bogen aus Polymerkunststoff Max Druck 13 Bar.

Raccord coude 90° in techno polymère P. max 13 Bar.

CODE	Ø
FD-GO9010016	16
FD-GO9010020	20
FD-GO9010025	25
FD-GO9010032	32
FD-GO9010040	40
FD-GO9010050	50
FD-GO9010063	63



Tappo di fine in tecnopolimero P.max 13 Bar.

Enddeckel aus Polymerkunststoff Max Druck 13 Bar.

Bouchon de fin de ligne techno polymère P. max 13 Bar.

CODE	Ø
FD-CA10016	16
FD-CA10020	20
FD-CA10025	25
FD-CA10032	32
FD-CA10040	40
FD-CA10050	50
FD-CA10063	63



Raccordo a T 90° in tecnopolimero P.max 13 Bar.

T Stuck aus Polymerkunststoff Max Druck 13 Bar.

Raccord a T 90° in techno polymère P. max 13 Bar.

CODE	Ø
FD-TE10016	16
FD-TE10020	20
FD-TE10025	25
FD-TE10032	32
FD-TE10040	40
FD-TE10050	50
FD-TE10063	63



Manicotto di riduzione in tecnopolimero P.max 13 Bar.

Reduzierung aus Polymerkunststoff Max Druck 13 Bar.

Manchon de réduction in techno polymère P. max 13 Bar.

CODE	Ø ₁	Ø ₂
FD-RID10025020	25	20
FD-RID10032025	32	25
FD-RID10040025	40	25
FD-RID10040032	40	32
FD-RID10050040	50	40



Raccordo a T 90° in tecnopolimero a filetto femmina P.max 13 Bar.

T Stuck zur IG Gewinde aus Polymerkunststoff Max Druck 13 Bar.

Raccord à T 90° in techno polymère à filetage féminin P.max 13 Bar.

CODE	Ø	G
FD-TP10020048	20	1/2" F
FD-TP10025048	25	1/2" F



Raccordo a T 90° in tecnopolimero con riduzione P.max 13 Bar.

T Stuck mit Reduktion aus Polymerkunststoff Max Druck 13 Bar.

Raccord à T 90° in techno polymère avec réduction P. Max 13 Bar .

CODE	Ø	ØR
FD-TR10020016	20	16
FD-TR10025016	25	16
FD-TR10025020	25	20
FD-TR10032020	32	20
FD-TR10032025	32	25
FD-TR10040025	40	25
FD-TR10040032	40	32
FD-TR10050032	50	32
FD-TR10050040	50	40
FD-TR10063040	63	40
FD-TR10063050	63	50



Presse di deviazione rapida in tecnopolimero P.max 13 Bar.

Schnellabzweiganschluss aus Polymerkunststoff Max Druck 13 Bar.

Prise de dérivation rapide en techno polymère P. Max 13 Bar.

CODE	Ø ₁	Ø ₂
FD-DER10025016	25	16
FD-DER10032016	32	16
FD-DER10040016	40	16
FD-DER10025020	25	20
FD-DER10032020	32	20
FD-DER10040020	40	20
FD-DER10040025	40	25
FD-DER10050016	50	16
FD-DER10050020	50	20
FD-DER10050025	50	25
FD-DER10063020	63	20
FD-DER10063025	63	25
FD-DER10063032	63	32



Presse di deviazione a filetto femmina in tecnopolimero P.max 13 Bar.

Schnellabzweiganschluss mit Innengewinde aus Polymerkunststoff Max Druck 13 Bar.

Prise de dérivation à filetage féminin en techno polymère P. max 13 Bar.

CODE	Ø	G
FD-DERFF025048	25	1/2" F
FD-DERFF032048	32	1/2" F
FD-DERFF040048	40	1/2" F
FD-DERFF040068	40	3/4" F
FD-DERFF050068	50	3/4" F
FD-DERFF063048	63	1/2" F
FD-DERFF063068	63	3/4" F
FD-DERFF063088	63	1" F



Raccordo maschio in tecnopolimero P.max 13 Bar.

Muffe AG aus Polymerkunststoff Max Druck 13 Bar.

Raccord masculin en tecno polymère P. max 13 Bar.

CODE	Ø	G
FD-MN10016048	16	1/2" M
FD-MN10020048	20	1/2" M
FD-MN10020068	20	3/4" M
FD-MN10025048	25	1/2" M
FD-MN10025068	25	3/4" M
FD-MN10025088	25	1" M
FD-MN10032088	32	1" M
FD-MN10032108	32	1 1/4" M
FD-MN10040088	40	1" M
FD-MN10040108	40	1 1/4" M
FD-MN10040128	40	1 1/2" M
FD-MN10050128	50	1 1/2" M
FD-MN10050168	50	2" M
FD-MN10063168	63	2" M



Raccordo maschio tubo rigido a flessibile con corpo in alluminio P.max 13 Bar.

Verbindung von Rohr zu Schlauch aus Alu Max Druck 13 Bar.

Raccord masculin tuyau rigide et flexible avec corps en aluminium P. max 13 bar.

CODE	Ø	G
FD-MNM10020048	20	1/2" M
FD-MNM10020068	20	3/4" M
FD-MNM10025088	25	1" M
FD-MNM10032108	32	1"1/4" M
FD-MNM10040128	40	1"1/2" M
FD-MNM10050128	50	1"1/2" M



Raccordo femmina con corpo in alluminio P.max 13 Bar.

Verbindungsstück IG aus Alu Max Druck 13 Bar.

Raccord féminin avec corps en aluminium P. max 13 bar.

CODE	Ø	G
FD-MPM10020048	20	1/2" F
FD-MPM10020068	20	3/4" F
FD-MPM10025088	25	1" F
FD-MPM10032108	32	1"1/4" F
FD-MPM10040128	40	1"1/2" F
FD-MPM10050128	50	1"1/2" F



Applique mono a muro femmina P.max 13 Bar.

Einzelwandbefestigungsstück Max Druck 13 Bar.

Applique mono mural féminin P. max 13 bar.

CODE	Ø	G
FD-APM016	16	1/2" F
FD-APM020	20	1/2" F



Applique mono a muro femmina con valvola P.max 13 Bar.

Einzelwandbefestigungsstück mit Ventil Max Druck 13 Bar.

Applique mono mural féminin avec valve P. max 13 bar

CODE	Ø	G
FD-APMVA016	16	1/2" F
FD-APMVA020	20	1/2" F



Applique a muro doppio femmina P.max 13 Bar.

Doppelwandbefestigungsstück mit Gewinde IG Max Druck 13 Bar.

Applique mural double féminin P. max 13 bar.

CODE	Ø	G
FD-APL016	16	1/2" F
FD-APL020	20	1/2" F
FD-APL025	25	1/2" F



Applique a muro doppio con filetto femmina P.max 13 Bar.

Doppelwandbefestigungsstück mit Gewinde IG Max Druck 13 Bar.

Applique mural double avec filetage féminin P. max 13 bar.

CODE	G ₁	G ₂
FD-APLFF048048	1/2" F	1/2" F
FD-APLFF068048	3/4" F	1/2" F



Applique a muro doppio femmina con valvola a sfera P.max 13 Bar.

Doppelwandbefestigungsstück mit Gewinde IG und Ventil Max Druck 13 Bar.

Applique mural double féminin avec valve P. max 13 bar.

CODE	Ø	G
FD-APLVA016	16	1/2" F
FD-APLVA020	20	1/2" F
FD-APLVA025	25	1/2" F



Compensatore di dilatazione P.max 13 Bar.

Dehnungsausgleicher Max Druck 13 Bar.

Compensateur de dilatation P. max 13 Bar.


CODE	Ø
FD-FLEX020	20
FD-FLEX025	25
FD-FLEX032	32
FD-FLEX040	40



Fermatubo con inserto M8.

Rohrhalter M8.


Arrêt tuyau avec insert M8.

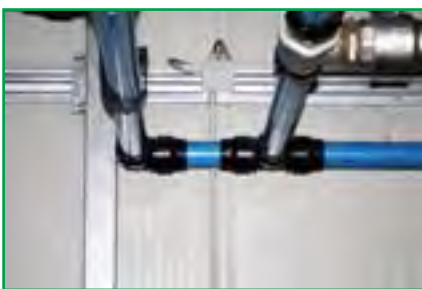
CODE	Ø	
FD-FEM8020	20	
FD-FEM8025	25	
FD-FEM8032	32	
FD-FEM8040	40	

Distanziali.

Abstandstücke.

Entretoise.

CODE	Ø	
FD-DIRSPEO32	20-32	
FD-DIRSPE063	40-63	



Valvola a sfera femmina - femmina.

Kugelventil IG-IG.

Soupape a boule féminin-féminin.

CODE	GF	GF
FD-B60304	1/2" F	1/2" F
FD-B60306	3/4" F	3/4" F
FD-B60308	1" F	1" F
FD-B60310	1" 1/4 F	1" 1/4 F
FD-B60312	1" 1/2 F	1" 1/2 F



Valvola a sfera maschio - femmina.

Reduzierung AG-IG aus zinkierte Stahl.

Soupape a boule masculin-féminin.

CODE	GM	GF
FD-B60504	1/2" M	1/2" F
FD-B60506	3/4" M	3/4" F
FD-B60508	1" M	1" F
FD-B60510	1" 1/4 M	1" 1/4 F



Guarnizione in Viton per lavavetri.

Vitondichtung für Scheibenreiniger.

Garniture en Viton pour lave-glace.

CODE	Ø
FD-ORV020	20
FD-ORV025	25



Valvola a sfera femmina P.max 13 Bar.

Kugelventil IG Max Druck 13 Bar.

Valve a boule féminin P. max 13 Bar.

CODE	Ø	GF
FD-LVAF016048	16	1/2" F
FD-LVAF020048	20	1/2" F
FD-LVAF020048	20	3/4" F
FD-LVAF025068	25	3/4" F



Valvola a sfera maschio P.max 13 Bar.

Kugelventil AG Max Druck 13 Bar.

Valve a boule masculin P. max 13 Bar.

CODE	Ø	GM
FD-LVAM016048	16	1/2" F
FD-LVAM020048	20	1/2" F
FD-LVAM020068	20	3/4" F
FD-LVAM025068	25	3/4" F

