



Sistemi di raccordi a pressare

PRESS FITTING SYSTEMS

PRESSFITTINGSYSTEME

SYSTÈME À SERTIR

SISTEMA DE ACCESORIOS PARA PRENSAR

Brevetto Europeo* n° 0870964
Brevetto Europeo* O-RING n° EP02425331.2

* European Patent • Europäischen Patents • Brevet Européen • Patente Europea

Il sistema **pressfitting**

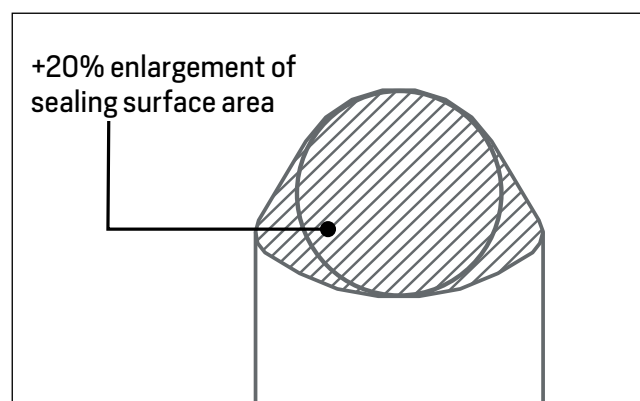
RACCORDERIE METALLICHE utilizza per i propri prodotti la tecnica di giunzione con profilo "M". Durante la pressatura avviene una deformazione a 2 livelli. Il primo livello di resistenza si realizza in seguito alla deformazione meccanica del raccordo e

della tubazione, un collegamento indissolubile che garantisce la resistenza meccanica dello stesso. La tenuta idraulica viene garantita dall'O-ring deformato nella sua sezione: grazie alla sua elasticità, garantisce l'ermeticità permanente della giunzione.

Il profilo dell'anello di tenuta (o-ring)

I tradizionali sistemi di raccordi a pressare utilizzano anelli di tenuta (O-ring) a sezione circolare che in caso di lavorazione non appropriata, sono facilmente soggetti ad essere danneggiati. Raccorderie Metalliche usa un'anello di tenuta brevettato a profilo lenticolare (lenring) che aderisce perfettamente alla camera toroidale. Ne conseguono i seguenti vantaggi:

- > Una superficie di tenuta maggiore del 20%
- > Notevole diminuzione del rischio di danneggiamento dell'anello di tenuta
- > Facilita l'inserimento del tubo



Il materiale impiegato nella realizzazione dei raccordi e dei tubi

I raccordi ed i tubi della linea INOXPRES® sono in acciaio inossidabile AISI 316L. A differenza dei tradizionali sistemi in acciaio AISI316, i prodotti INOXPRES® presentano un minor contenuto di carbonio che conferisce all'acciaio una maggiore resistenza alla corrosione.

Anelli di tenuta - Campi di impiego e caratteristiche tecniche

INDICAZIONI TECNICHE	COLORI	TEMPERATURE D'ESERCIZIO MIN / MAX GRADI CELSIUS	PRESSIONE D'ESERCIZIO MAX IN BAR	OMOLOGAZIONI ENORME	CAMPI D'IMPIEGO	INSERITO IN FABBRICA
EPDM	nero	-20°/+120°	16	KTW W 270 DVGW W 534	Acqua potabile, Riscaldamento Circuiti di raffreddamento, Acque trattate, Acque completamente dissalate, Acqua piovana, Aria compressa (Classe 1÷4)	Sì
NBR HNBR	giallo	-20°/+70°	5	G 260HTB DVGW G 5614	Gas naturale, Gas metano, GPL (fase gassosa)	Sì
FKM	verde	-20°/+220°	16	-	Solare, Aria compressa (Classe 5), Acqua salmastra	Sì (per MarinePress)
MVQ	rosso	-20°/+180°	16	-	Applicazioni industriali dopo la verifica da parte di RM	NO

Pressfitting system

The junction connection of RACCORDERIE METALLICHE press fitting systems is with "M" contour. During the pressing process a deformation takes place on two planes. The first plane creates a permanent connection and provides mechanical strength

through the mechanical deformation of the press fitting and the pipe. On the second plane the seal ring is deformed in its cross section and through its elastic properties creates the permanently tight joint.

Sealing ring profile (o-ring)

Traditional press fitting systems use round sealing rings, which can easily be damaged by careless fitting. RM on the other hand uses a patented sealing ring with a lenticular profile which fits the press crimp groove. This provides the following advantages:

- ▶ A 20% enlargement of the sealing surface area;
- ▶ Major reduction of the risk of the sealing ring being pressed out or damaged;
- ▶ Fit makes the pipes insertion easier

Description of the material used to produce stainless steel pipes and fittings

Pipes and fittings of INOXPRES® are made in stainless steel AISI 316L. Unlike traditional systems made with AISI316, INOXPRES® products present a lower content of carbon that gives a higher resistance to corrosion.

Sealing rings - Fields of applications and technical data

TECHNICAL TERM	COLOUR	OPERATING TEMPERATURE MIN. -/ MAX. DEGREES CENTIGRADE	OPERATING PRESSURE MAXIMUM IN BAR	APPROVALS AND CERTIFICATION BASIS	FIELDS OF APPLICATION	FACTORY - FITTED
EPDM	black	-20°/+120°	16	KTW W 270 DVGW W 534	Potable water, Heating, Cooling and refrigeration circuits, Treated water, Desalinated water, Rainwater, Compressed air (Class 1÷4)	YES
NBR HNBR	yellow	-20°/+70°	5	G 260HTB DVGW G 5614	Natural gas, Methane gas, GPL (gaseous state)	YES
FKM	green	-20°/+220°	16	-	Solar, Compressed air (Class 5), Salt water	YES (for MarinePress)
MVQ	red	-20°/+180°	16	-	Industrial applications following approval by RM	NO

Norma di riferimento

Reference norm EN 10217-7:2005

WERKSTOFF NR.	C ≤ %	SI ≤ %	MN ≤ %	P ≤ %	S ≤ %	N ≤ %	CR %	MO %	NI %
AISI316 / W.1.4401	0,07	1	2	0,05	0,02	0,11	16,5	2	10
X5CrNiMo 17-12-2									
AISI316L / W. 1.4404	0,03						18,5	2,5	13
X2CrNiMo 17-12-2									

Le fasi di **installazione**

Installation process



Attrezzatura per la preparazione del tubo / Tools for the pipe set-up



Macchine e attrezzature per la pressata / Pressing machines and tools



Taglio del tubo / Cutting the pipe to length



Sbavatura del tubo / Deburring the pipe



Controllo O-ring / Checking the sealing ring



Marcatura della profondità d'innesto / Marking the insertion depth



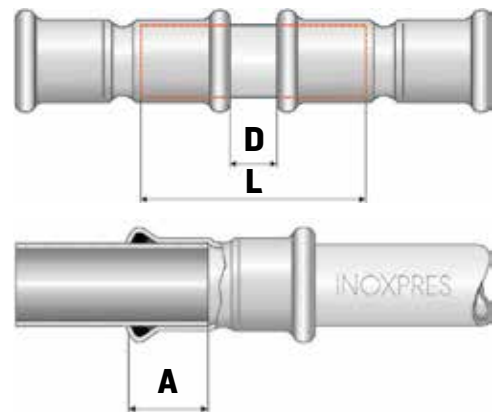
Preparazione della macchina pressatrice / Press machine preparation



Assemblaggio attraverso pressatura / Making the press connection



Controllo della pressatura / Checking the press connection



Profondità d'innesto e distanze minime

Insertion depth and minimum distances

Diametro esterno tubi in mm // Pipe outside diameter in mm	A mm	D mm	L mm
12	18	20	56
15	20	20	60
18	20	20	60
22	21	20	62
28	23	20	66
35	26	20	72
42	30	40	100
54	35	40	110
76,1	55	60	170
88,9	60	60	180
108	75	60	210

Certificazioni / Certifications

SETTORE CIVILE / CIVIL SECTOR

		PRODUKTE DER WASSERVERSORGUNG	DW-8511AU2084 (W 534)	Ø 15 – 108 mm
		EDELSTAHLROHR "INOXPRES" - 1.4404	DW-7301 BM3426 (GW 541)	Ø 15 – 108 mm
		EDELSTAHLROHR "INOXPRES" - 1.4521	DW-7301 BT0667	Ø 15 – 54 mm
		ROHRSYSTEM EDELSTAHL "INOXPRES" PRESSFITTINGSYSTEM AUS EDELSTAHL DN 20 BIS DN 80 VERWENDUNG: IN ORTSFESTEN WASSERLÖSCHANLAGEN	G 4060006 (VdS 2344 – VdS 2100)	Ø 22 – 88,9 mm
		TRINKWASSERHAUSINSTALLATIONSSYSTEM = INOXPRES®=	W 1.402 (PW 300)	Ø 15 – 108 mm
		TRINKWASSERVERTEILSYSTEME	0007-4278 (TPW 132)	Ø 15 – 108 mm
		INOXPRES RANGE OF STAINLESS STEEL FITTINGS	1209070	Ø 15 – 108 mm
		SYSTÈMES DE CANALISATIONS DE DISTRIBUTION D'EAU – SYSTÈME INOXPRES	79 – 1600	Ø 15 – 108 mm
		PRESFITTINGS TIL RUSTFRI STÅLRØR INOXPRES RUSTFRI STÅLRØR TIL BRUGSVANDSINSTALLATIONER I BYGNING OG JORD INOXPRES	VA 1.22/19224 VA 1.12/18410	Ø 15 – 108 mm
		Inoxpres pipes	02/00005	Ø 15 – 108 mm
		PRESSKOPPLINGAR FÖR ROSTFRIA STÅLRÖR	1174/99	Ø 15 – 108 mm
		STAINLESS STEEL PRESS FITTING - INOXPRES® - (WATER SUPPLY) STAINLESS STEEL TUBE - INOXPRES® - (WATER SUPPLY)	K40834/03 K40835/03	Ø 15 – 108 mm
		INOXPRES PRESSFITTINGSSYSTEM I RUSTFRITT STÅL	Nr. 1623	Ø 15 – 108 mm
		INOXPRES PRESSFITTINGSYSTEM	POCC IT. MH08.H26536	Ø 15 – 108 mm
		STAINLESS STEEL INOXPRES CRIMP FITTINGS (WATER SUPPLY)	TEST REPORT ZH 173	Ø 15 – 108 mm
		ROZSDAMENTES ACÉL CSÖVEK ÉS PRÉSIDOMOK INOXPRES	A-2156/2012	Ø 15 – 108 mm
		LACZNIKI ZAPRASOWYWANE ZE STALI SYSTEMU INOXPRES I STEELPRES DO LACZENIA RUR ZE STALI	AT-15-7863/2014	Ø 15 – 108 mm
		ATEST HIGIENICZNY - Inoxpres	HK/W/0541/01/2015	Ø 15 – 108 mm
		SYSTEM OF STAINLESS STEEL PIPES AND STAINLESS COMPRESSING FITTINGS INOXPRES	STO-30-00061-10	Ø 15 – 108 mm
		CONFORMITÀ AL DECRETO MINISTERIALE 174/2004	TIFQ-0311R99	Ø 15 – 108 mm
		DAU 11/072 INOXPRES	DAU 11 – 072	Ø 15 – 108 mm
		WATER SUPPLY - METALLIC FITTINGS AND END CONNECTORS; STAINLESS STEEL PIPES AND TUBE FOR PRESSURE APPLICATIONS	WMK25928 WMK25929	Ø 15 – 108 mm

Certificazioni / Certifications

SETTORE NAVALE / SHIPYARD SECTOR				
		PIPE COUPLING WITH O-RING SEAL INOXPRES SYSTEM	38058/A0 BV	Ø 15 – 108 mm
		Tube fittings – Inoxpres	P-14757	Ø 15 – 108 mm
		Press fit system of compression type for piping systems	15/20055	Ø 15 – 108 mm
		Giunti meccanici per tubolature – Inoxpres	MAC – 011614CS/002	Ø 15 – 108 mm
		Inoxpres, piping system and fitting	14-GE1273370-PDA	Ø 15 – 108 mm

Campi di applicazione / Fields of application



Acqua potabile
Potable water



Riscaldamento
Heating



Raffrescamento
Cooling



**Solare termico
con O-Ring FKM**
Solar Thermal
With FKM O-Ring



Aria compressa
Compressed Air



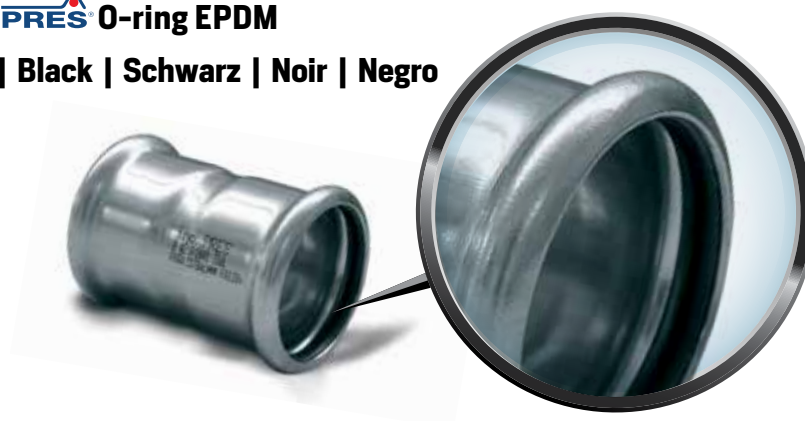
Antincendio
Fire Protection Systems



Acque di processo
Process Water

inoxPRES® O-ring EPDM

Nero | Black | Schwarz | Noir | Negro



**116/200**

≤54 B 30 31

≥76 B 30 32

TUBO PER ACQUA POTABILE E GAS

- PIPE FOR POTABLE WATER AND GAS
- ROHR FÜR TRINKWASSER UND GAS
- TUBE POUR L'EAU POTABLE ET LE GAZ
- TUBO PARA EL AGUA POTABLE Y EL GAS

Mat. Nr.: 1.4404 (AISI 316L)**Crudo - Not annealed - Ungelüht - Non-hypertrempé - Crudo**

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€
116015200	15 x 1,0	13	6	0,351	0,133	60	1014	6,47
116018200	18 x 1,0	16	6	0,426	0,201	60	1014	7,35
116022200	22 x 1,2	19,6	6	0,625	0,302	60	762	10,25
116028200	28 x 1,2	25,6	6	0,805	0,514	30	546	12,92
116035200	35 x 1,5	32	6	1,258	0,804	30	546	19,53
116042200	42 x 1,5	39	6	1,521	1,194	30	366	23,32
116054200	54 x 1,5	51	6	1,972	2,042	30	366	29,97
116076200	76,1 x 2,0	72,1	6	3,711	4,080	6	114	55,17
116088200	88,9 x 2,0	84,9	6	4,352	5,660	6	114	63,88
116108200	108 x 2,0	104	6	5,308	8,490	6	114	78,57

**116/300**

≤54 B 30 31

≥76 B 30 32

TUBO PER ACQUA POTABILE E GAS

- PIPE FOR POTABLE WATER AND GAS
- ROHR FÜR TRINKWASSER UND GAS
- TUBE POUR L'EAU POTABLE ET LE GAZ
- TUBO PARA EL AGUA POTABLE Y EL GAS

Mat. Nr.: 1.4404 (AISI 316L)**Ricotto - Annealed - Geglüht - Hypertrempé - Recocido**

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€
116015300	15 x 1,0	13	6	0,351	0,133	60	1014	8,52
116018300	18 x 1,0	16	6	0,426	0,201	60	1014	9,17
116022300	22 x 1,2	19,6	6	0,625	0,302	60	762	12,31
116028300	28 x 1,2	25,6	6	0,805	0,514	30	546	15,10
116035300	35 x 1,5	32	6	1,258	0,804	30	546	22,25
116042300	42 x 1,5	39	6	1,521	1,194	30	366	26,68
116054300	54 x 1,5	51	6	1,972	2,042	30	366	33,83
116076300	76,1 x 2,0	72,1	6	3,711	4,080	6	114	62,29
116088300	88,9 x 2,0	84,9	6	4,352	5,660	6	114	73,07
116108300	108 x 2,0	104	6	5,308	8,490	6	114	89,68

**116/030****B 30 33****TUBO PER ACQUA POTABILE**

- TUBE FOR POTABLE WATER
- ROHR FÜR TRINKWASSER
- TUBE POUR L'EAU POTABLE
- TUBO PARA EL AGUA POTABLE

Mat. Nr.: 1.4521 (AISI 444)

CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m	€
116015030	15 x 1,0	13	6	0,351	0,133	60	1014	4,85
116018030	18 x 1,0	16	6	0,426	0,201	60	1014	5,59
116022030	22 x 1,2	19,6	6	0,625	0,302	60	762	8,03
116028030	28 x 1,2	25,6	6	0,805	0,514	30	546	10,33
116035030	35 x 1,5	32	6	1,258	0,804	30	546	15,59
116042030	42 x 1,5	39	6	1,521	1,194	30	366	18,95
116054030	54 x 1,5	51	6	1,972	2,042	30	366	24,31

**114/1****≤54 B 30 34****≥76 B 30 35****TUBO PER ARIA
COMPRESSA - SERIE 1 LEGGERA**

- TUBE FOR COMPRESSED AIR - LIGHT RANGE 1
- ROHR FÜR DRUCKLUFT - LEICHTE SERIE 1
- TUBE POUR L'AIR COMPRIMÉ - SÉRIE 1 LÉGÈRE
- TUBO PARA AIRE COMPRIMIDO - SERIE 1 DELGADA

Mat. Nr.: 1.4301 (AISI 304)

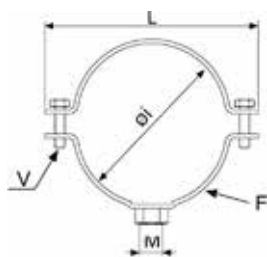
CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m	€
114015060	15 x 0,6	13,8	5	0,216	0,150	50	500	4,37
114018070	18 x 0,7	16,6	5	0,303	0,216	50	500	5,42
114022070	22 x 0,7	20,6	5	0,373	0,333	50	500	7,08
114028080	28 x 0,8	26,4	5	0,545	0,547	30	500	9,01
114035100	35 x 1,0	33	6	0,851	0,855	30	546	13,23
114042120	42 x 1,2	39,6	6	1,240	1,232	30	366	17,88
114054120	54 x 1,2	51,6	6	1,587	2,091	30	366	24,45
114076150	76,1 x 1,5	73,1	6	2,850	4,197	6	114	39,13
114088200	88,9 x 2,0	84,9	6	4,352	5,660	6	114	49,49
114108200	108 x 2,0	104	6	5,308	8,490	6	114	53,45

**114/2****≤54 B 30 34****≥76 B 30 35****TUBO PER ARIA
COMPRESSA - SERIE 2**

- TUBE FOR COMPRESSED AIR - RANGE 2
- ROHR FÜR DRUCKLUFT - SERIE 2
- TUBE POUR L'AIR COMPRIMÉ - SÉRIE 2
- TUBO PARA AIRE COMPRIMIDO - SERIE 2

Mat. Nr.: 1.4301 (AISI 304)

CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m	€
114015200	15 x 1,0	13	6	0,351	0,133	60	1014	4,69
114018200	18 x 1,0	16	6	0,426	0,201	60	1014	5,51
114022200	22 x 1,2	19,6	6	0,625	0,302	60	762	7,78
114028200	28 x 1,2	25,6	6	0,805	0,514	30	546	10,01
114035200	35 x 1,5	32	6	1,258	0,804	30	546	15,10
114042200	42 x 1,5	39	6	1,521	1,194	30	366	18,59
114054200	54 x 1,5	51	6	1,972	2,042	30	366	24,62
114076200	76,1 x 2,0	72,1	6	3,711	4,080	6	114	46,96
114088200	88,9 x 2,0	84,9	6	4,352	5,660	6	114	49,49
114108200	108 x 2,0	104	6	5,308	8,490	6	114	53,45



156

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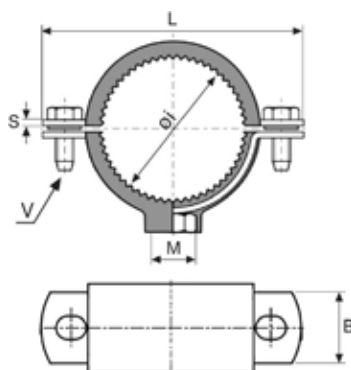
COLLARE PER TUBO INOXPRES

- CLAMP FOR INOXPRES PIPE
- ROHRSCHELLE FÜR INOXPRES ROHR
- COLLIER POUR TUBE INOXPRES
- ABRAZADERA PARA TUBO INOXPRES

MATERIAL: AISI 304 / W. 1.4301

NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	Øi mm	M	V mm	F Lg x Sp mm	L mm			€
156015304	15	M 6	M 6 x 10	16 x 1,5	48	25	50	2,61
156308304	18	M 8	M 6 x 20	20 x 2,5	53,5	30	50	2,85
156102304	22	M 8	M 6 x 20	20 x 2,5	58	42	50	2,74
156304304	28	M 8	M 6 x 20	20 x 2,5	63,5	48	50	2,84
156100304	35	M 8	M 6 x 20	20 x 2,5	70	59	50	3,17
156114304	42	M 8	M 6 x 20	20 x 2,5	79	59	50	3,51
156054304	54	M 8	M 6 x 15	16 x 1,5	94	54	50	4,13
156212304	76,1	M 10	M 6 x 25	30 x 2,5	115	110	20	7,11
156300304	88,9	M 10	M 6 x 25	30 x 2,5	128	240	20	7,76
156108304	108	M 10	M 6 x 25	30 x 2,5	170	273	20	8,99



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Correspondant
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DIN 4109

156/G

A 50 50

COLLARE GOMMA PER TUBO INOXPRES

- CLAMP WITH RUBBER FOR INOXPRES PIPE
- ROHRSCHELLE MIT GUMMIEINLAGE FÜR INOXPRES ROHR
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE POUR TUBE INOXPRES
- ABRAZADERA ISOFÓNICA PARA TUBO INOXPRES

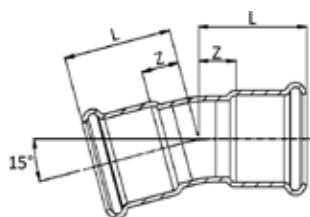
MATERIAL: AISI 304 / W. 1.4301

VULCANIZED RUBBER: EPDM [-20°
C/+120° C]
durezza/hardness
55 Shore

NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	M	Øi mm	V mm	B mm	L mm	S mm			€
156150304G	M 8	15	M 6 x 20	20	58	2	62	50	5,31
156308304G	M 8	18	M 6 x 20	20	58	2	62	50	5,31
156102304G	M 8	22	M 6 x 20	20	63,5	2	70	50	5,42
156304304G	M 8	28	M 6 x 20	20	70	2	78	50	5,63
156100304G	M 8	35	M 6 x 20	20	79	2	84	50	5,96
156114304G	M 8	42	M 6 x 20	20	85	2	96	50	6,94
156112304G	M 8	54	M 6 x 20	20	97	2	142	50	7,58
156212304G	M 10	76,1	M 6 x 25	30	128	2	142	10	11,51
156300304G	M 10	88,9	M 6 x 25	30	148	2	164	10	12,47
156108304G*	M 8/10	108	M 6 x 20	20	168	2	160	10	15,06

*Gomma staccabile - Detachable rubber - Abnehmbare Gummi - Caoutchouc amovible - Goma desmontable

**181/150**

≤54 B 10 11

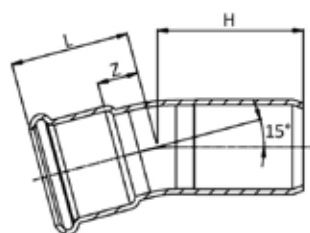
≥76 B 10 12

CURVA 15° FF

- 15° ELBOW FF
- BOGEN 15° II
- COUDE FF 15°
- CURVA 15° HH

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	Z mm	 g			€
181015150	15	30	10	50	20	300	10,65
181022150	22	33	12	82	20	100	13,67
181028150	28	36	13	112	10	100	16,46
181035150	35	37	11	123	10	60	18,80
181042150	42	42	12	175	4	40	30,44
181054150	54	49	12	268	2	20	39,08
181076150	76,1	186	131	900	2	2	129,91
181088150	88,9	211	147	1250	2	2	154,79
181108150	108	247	169	1700	2	2	211,06

**181/151**

≤54 B 10 11

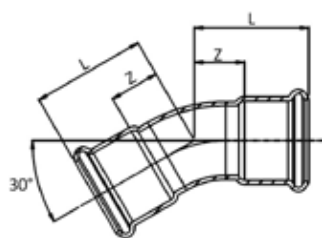
≥76 B 10 12

CURVA 15° MF

- 15° ELBOW MF
- BOGEN 15° IA
- COUDE MF 15°
- CURVA 15° HM

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	H mm	Z mm	 g			€
181015151	15	30	40	10	50	20	300	10,65
181022151	22	33	41	12	82	20	100	12,90
181028151	28	36	43	13	112	10	100	15,36
181035151	35	37	41	11	133	10	60	17,50
181042151	42	42	47	12	195	4	40	29,31
181054151	54	49	55	13	293	2	20	37,58
181076151	76,1	186	194	131	900	2	2	119,20
181088151	88,9	211	219	147	1250	2	2	142,29
181108151	108	247	256	169	1700	2	2	194,33

**181/300**

≤54 B 10 11

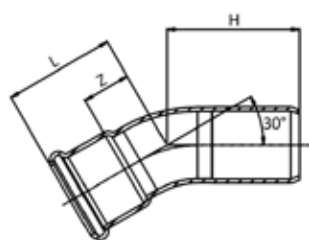
≥76 B 10 12

CURVA 30° FF

- 30° ELBOW FF
- BOGEN 30° II
- COUDE FF 30°
- CURVA 30° HH

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	Z mm				€
181015300	15	33	13	50	20	300	10,65
181022300	22	37	16	82	20	100	13,67
181028300	28	41	18	112	10	100	16,46
181035300	35	37	11	123	10	60	18,80
181042300	42	44	14	175	4	40	30,44
181054300	54	52	17	268	2	20	39,08
181076300	76,1	100	55	900	2	2	129,91
181088300	88,9	115	64	1250	2	2	154,79
181108300	108	127	68	1700	2	2	211,06

**181/301**

≤54 B 10 11

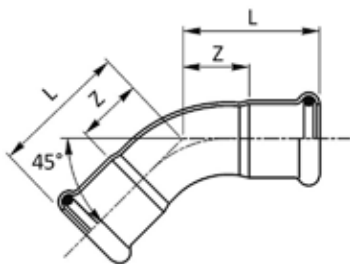
≥76 B 10 12

CURVA 30° MF

- 30° ELBOW MF
- BOGEN 30° IA
- COUDE MF 30°
- CURVA 30° HM

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	H mm	Z mm				€
181015301	15	33	43	13	50	20	300	10,65
181022301	22	37	46	16	82	20	100	12,90
181028301	28	41	48	18	112	10	100	15,36
181035301	35	37	46	11	133	10	60	17,50
181042301	42	44	54	14	195	4	40	29,31
181054301	54	52	63	17	293	2	20	37,58
181076301	76,1	100	108	55	900	2	2	119,20
181088301	88,9	115	123	64	1250	2	2	142,29
181108301	108	127	136	68	1700	2	2	194,33

**181/450****CURVA 45° FF**

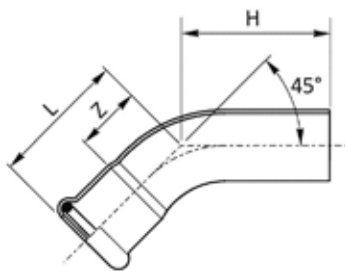
- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L mm	Z mm				€
181015450	15	36	16	50	20	300	10,36
181018450	18	37	17	64	20	300	11,46
181022450	22	41	20	82	20	100	13,31
181028450	28	47	24	112	10	100	16,02
181035450	35	43	17	127	10	60	18,29
181042450	42	51	21	177	4	40	29,63
181054450	54	62	30	273	2	20	38,04
181076450	76,1	131,5	76,5	900	2	2	126,44
181088450	88,9	144	84	1250	2	2	150,66
181108450	108	169	94	1700	2	2	205,43

**181/451****CURVA 45° MF**

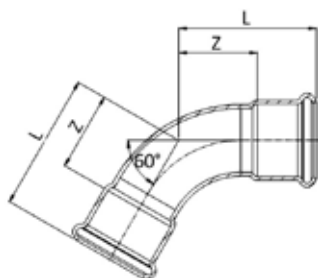
- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L mm	H mm	Z mm				€
181015451	15	36	49	16	50	20	300	10,36
181018451	18	37	43	17	64	20	300	11,09
181022451	22	41	48	20	82	20	100	12,56
181028451	28	47	54,5	22	112	10	100	14,95
181035451	35	43	57,7	17	132	10	60	17,04
181042451	42	51	72	21	196	4	40	28,52
181054451	54	62	82	26	296	2	20	36,58
181076451	76,1	131,5	149	76,5	900	2	2	116,02
181088451	88,9	144	159	84	1250	2	2	138,49
181108451	108	169	199	94	1700	2	2	189,15



NEW

181/600**CURVA 60° FF**

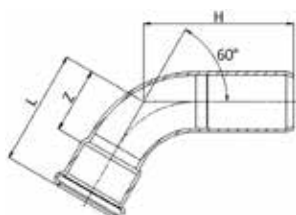
- 60° ELBOW FF
- BOGEN 60° II
- COUDE FF 60°
- CURVA 60° HH

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L mm	Z mm				€
181015600	15	30,5	10,5	41	20	300	10,65
181022600	22	36	15	68	20	100	13,67
181028600	28	42	19	98	10	100	16,46
181035600	35	50	24	141	10	60	18,80
181042600	42	59	29	204	4	40	30,44
181054600	54	72,5	37	313	2	20	39,08
181076600	76,1	146,5	91,5	1178	2	2	129,91
181088600	88,9	162	102	1517	2	2	154,79
181108600	108	190	115	2194	2	2	211,06



NEW

181/601**CURVA 60° MF**

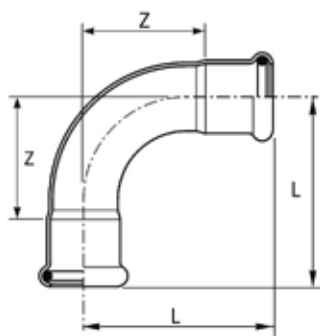
- 60° ELBOW MF
- BOGEN 60° IA
- COUDE MF 60°
- CURVA 60° HM

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L mm	H mm	Z mm				€
181015601	15	30,5	39	10,5	40	20	300	10,65
181022601	22	36	46	15	68	20	100	12,90
181028601	28	42	51	19	98	10	100	15,36
181035601	35	50	64	24	149	10	60	17,50
181042601	42	59	80	29	220	4	40	29,31
181054601	54	72,5	92,5	37	332	2	20	37,58
181076601	76,1	146,5	164	91,5	1179	2	2	119,20
181088601	88,9	162	177	102	1503	2	2	142,29
181108601	108	190	205	115	2148	2	2	194,33

**181/900****CURVA 90° FF**

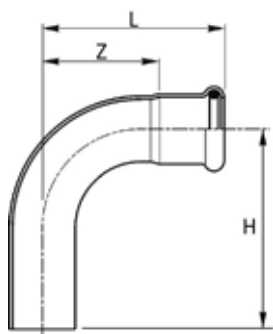
- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L mm	Z mm				€
181015900	15	50	30	58	20	300	7,90
181018900	18	54	34	72	20	200	9,04
181022900	22	60	39	102	10	100	10,93
181028900	28	73	50	143	10	50	14,53
181035900	35	68	42	162	5	50	22,76
181042900	42	80	50	231	2	30	39,06
181054900	54	100	64	367	2	18	54,51
181076900	76,1	160	105	1150	2	2	128,64
181088900	88,9	182	122	1580	2	2	156,48
181108900	108	220	145	2250	2	2	213,43

**181/901****CURVA 90° MF**

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

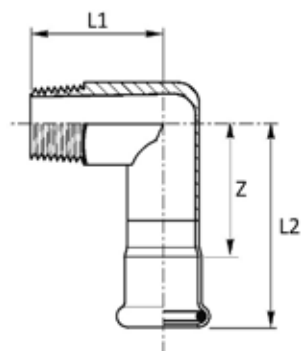
MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L mm	H mm	Z mm				€
181015901	15	50	63	30	58	20	300	8,29
181018901	18	54	63	34	72	20	200	9,41
181022901	22	60	71	39	102	10	100	11,30
181028901	28	73	81	50	143	10	50	14,15
181035901	35	68	82	42	176	5	50	20,84
181042901	42	80	101	50	253	2	30	37,84
181054901	54	100	120	64	390	2	18	54,82
181076901	76,1	160	180	105	1150	2	2	132,32
181088901	88,9	182	197	122	1580	2	2	160,95
181108901	108	220	236	145	2250	2	2	219,54

B 10 11



197

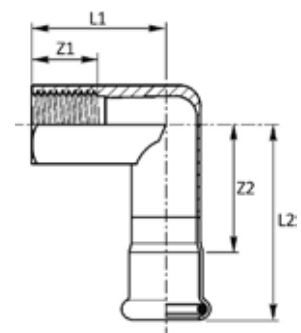
GOMITO MISTO 90° FILETTO M

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUEURRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm				€
197102015	15 x 1/2"	37	57	37	94	10	200	14,59
197102018	18 x 1/2"	37	57	38	105	10	200	15,80
197102022	22 x 1/2"	39	58,5	37,5	149	10	100	16,00
197304022	22 x 3/4"	39	61	40	149	10	100	20,29
197304028	28 x 3/4"	39	61	38	230	5	50	29,07
197100028	28 x 1"	44	68	45	246	5	50	26,19
197114035	35 x 1 1/4"	49	75	49	378	5	40	37,63
197112042	42 x 1 1/2"	54	84	54	468	2	30	66,90
197200054	54 x 2"	60	95	60	720	2	20	84,98

NUOVO CODICE / NEW CODE 197304028



198

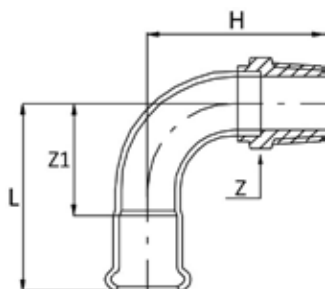
GOMITO MISTO 90° FILETTO F

- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUEURRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm				€
198102015	15 x 1/2"	38	57	15	37	104	10	200	16,72
198304015	15 x 3/4"	34	38	15	18	110	10	200	22,43
198102018	18 x 1/2"	39	58	15	38	120	10	200	19,21
198102022	22 x 1/2"	41	58,5	15	37,5	172	10	100	21,42
198304022	22 x 3/4"	46	61	19	40	172	10	100	23,44
198102028	28 x 1/2"	44	62	15	39	200	5	50	22,84
198100028	28 x 1"	54	68	19	45	304	5	50	30,59
198114035	35 x 1 1/4"	63	75	21	49	420	5	40	50,44
198112042	42 x 1 1/2"	70,5	84	27	54	480	2	30	55,40
198200054	54 x 2"	80	95	32	60	730	2	20	61,40

NUOVI CODICI / NEW CODES 198112042 – 198200054



186

CURVA FILETTATA 90° FILETTO M

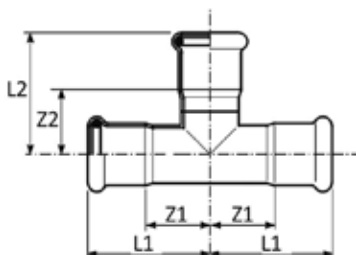
- 90° ELBOW BSP
- BOGEN 90° MIT AG
- COUDE 90° AVEC FILETAGE M
- CODO A 90° MF

MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Z1 mm	H mm				€
186102015	15 x 1/2"	50	24	30	54	56	20	300	24,27
186102018	18 x 1/2"	54	24	34	59	70	20	200	25,45
186304022	22 x 3/4"	60	30	39	69	92	10	100	29,75
186100028	28 x 1"	73	36	50	80	133	10	50	35,25
186100035	35 x 1"	68	41	42	85	277	5	50	41,67
186114035	35 x 1 1/4"	68	46	42	89	324	5	40	44,64
186114042	42 x 1 1/4"	80	50	50	107	438	2	20	52,08
186112042	42 x 1 1/2"	80	55	50	107	340	2	20	52,86
186200054	54 x 2"	100	65	65	141,5	515	2	12	60,32



182

"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

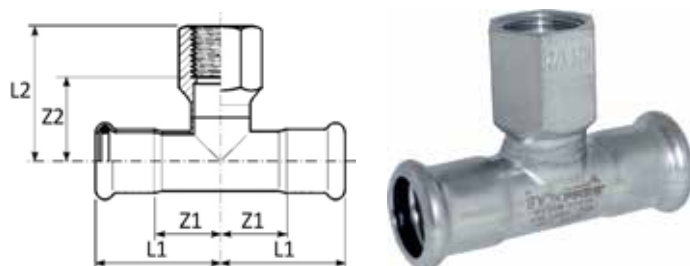
MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
182015000	15	34	39	14	19	67	20	200	12,86
182018000	18	37	41	16	21	80	20	100	15,05
182022000	22	39	45	18	24	106	10	100	16,12
182028000	28	44	50	21	27	145	10	50	19,66
182035000	35	51	57	25	31	201	4	32	24,52
182042000	42	59	65	28	35	260	4	20	34,66
182054000	54	70	77	34	42	404	2	12	41,35
182076000	76,1	108	118	52	63	1275	2	2	233,65
182088000	88,9	132	131	72	71	1535	2	2	255,83
182108000	108	155	159	74	84	2115	2	2	315,33

**189**

≤54 B 10 11

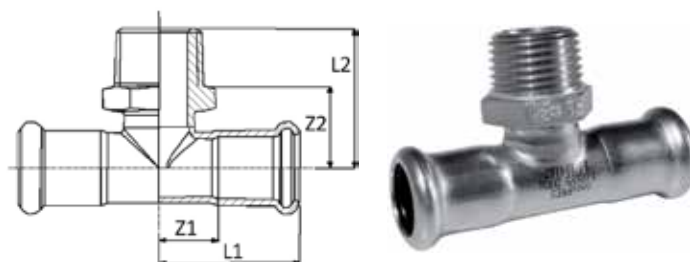
≥76 B 10 12

"T" CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
189102015	15 x 1/2" x 15	34	40	13	25	90	20	100	14,39
189102018	18 x 1/2" x 18	37	42	16	27	101	20	100	14,77
189304018	18 x 3/4" x 18	37	45	16	28	122	20	100	16,70
189102022	22 x 1/2" x 22	39	44	18	29	138	10	100	16,25
189304022	22 x 3/4" x 22	39	47	18	31	143	10	100	18,54
189102028	28 x 1/2" x 28	44	47	21	32	169	10	50	17,87
189304028	28 x 3/4" x 28	44	50	21	33	185	10	50	21,25
189100028	28 x 1" x 28	44	53	21	34	246	5	50	33,59
189102035	35 x 1/2" x 35	51	51	25	36	197	5	50	21,42
189304035	35 x 3/4" x 35	51	54	25	37	205	5	40	25,97
189100035	35 x 1" x 35	51	47	22	28	250	5	40	41,50
189102042	42 x 1/2" x 42	59	54	29	39	271	4	32	25,97
189304042	42 x 3/4" x 42	59	57	29	41	277	4	32	28,45
189100042	42 x 1" x 42	59	60	29	41	346	4	32	45,47
189102054	54 x 1/2" x 54	70	61	34	46	377	2	14	31,39
189304054	54 x 3/4" x 54	70	64	34	48	391	2	14	34,02
189200054	54 x 2" x 54	70	81	34	55	838	2	10	68,39
189304076	76,1 x 3/4" x 76,1	108	77	52	60	1040	2	2	202,52
189200076	76,1 x 2" x 76,1	108	93	52	67	1495	2	2	221,47
189304088	88,9 x 3/4" x 88,9	132	84	72	67	1255	2	2	218,47
189200088	88,9 x 2" x 88,9	132	100	72	74	1720	2	2	229,98
189304108	108 x 3/4" x 108	155	94	74	77	1700	2	2	267,77
189200108	108 x 2" x 108	155	110	74	84	2160	2	2	283,88

**189/M**

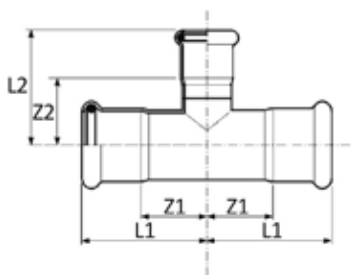
B 10 11

"T" CON DERIVAZIONE FILETTO M

- BRANCH TEE MALE BSP OUTLET
- T-STÜCK MIT ABGANG AG
- TE MIXTE AVEC FILETAGE M
- TE ROSCADO MACHO

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x R x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
189102015M	15 x 1/2" x 15	34,5	34	14,5	20	80	20	100	20,98



192

"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

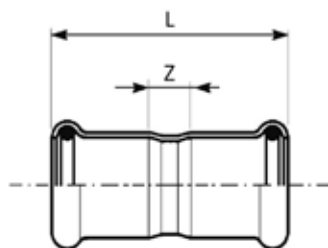
MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
192018015	18 x 15 x 18	36,5	41	15,5	21	80	20	100	12,90
192022015	22 x 15 x 22	39	43	18	23	95	10	100	13,50
192022018	22 x 18 x 22	39	44	18	23	98	10	100	14,20
192028015	28 x 15 x 28	44	46	21	26	126	10	50	16,32
192028018	28 x 18 x 28	44	46	21	26	130	10	50	17,07
192028022	28 x 22 x 28	44	47	21	26	135	10	50	18,20
192035015	35 x 15 x 35	51	49	25	29	158	5	50	21,25
192035018	35 x 18 x 35	51	50	25	30	163	5	50	21,53
192035022	35 x 22 x 35	51	51	25	30	167	5	50	22,21
192035028	35 x 28 x 35	51	54	25	31	171	5	35	23,11
192042018	42 x 18 x 42	59	54	29	34	232	4	20	30,75
192042022	42 x 22 x 42	59	54	29	33	237	4	20	31,84
192042028	42 x 28 x 42	59	57	29	34	243	4	20	32,55
192042035	42 x 35 x 42	59	61	29	35	272	4	20	33,30
192054018	54 x 18 x 54	70	61	54	41	335	2	16	34,43
192054022	54 x 22 x 54	70	62	34	41	340	2	16	35,12
192054028	54 x 28 x 54	70	65	34	42	345	2	16	36,58
192054035	54 x 35 x 54	70	68	34	42	361	2	16	37,30
192054042	54 x 42 x 54	70	72	34	42	376	2	16	39,14
192076022	76,1 x 22 x 76,1	108	74	52	53	995	2	2	182,72
192076028	76,1 x 28 x 76,1	108	77	52	54	1015	2	2	197,54
192076035	76,1 x 35 x 76,1	108	80	52	54	1025	2	2	212,39
192076042	76,1 x 42 x 76,1	108	84	52	54	1045	2	2	229,15
192076054	76,1 x 54 x 76,1	108	90	52	55	1065	2	2	243,99
192088022	88,9 x 22 x 88,9	132	81	72	60	1220	2	2	193,84
192088028	88,9 x 28 x 88,9	132	84	72	61	1225	2	2	204,97
192088035	88,9 x 35 x 88,9	132	88	72	62	1245	2	2	223,39
192088042	88,9 x 42 x 88,9	132	91	72	61	1255	2	2	235,89
192088054	88,9 x 54 x 88,9	132	97	72	62	1280	2	2	249,77
192088076	88,9 x 76,1 x 88,9	132	125	72	70	1485	2	2	266,38
192108022	108 x 22 x 108	155	91	74	70	1665	2	2	208,27
192108028	108 x 28 x 108	155	94	74	71	1670	2	2	218,16
192108035	108 x 35 x 108	155	97	74	71	1775	2	2	241,66
192108042	108 x 42 x 108	155	101	74	71	1865	2	2	249,77
192108054	108 x 54 x 108	155	107	74	72	1925	2	2	271,88
192108076	108 x 76,1 x 108	155	135	74	80	1930	2	2	285,20
192108088	108 x 88,9 x 108	155	141	74	81	1965	2	2	329,43

**183/000****MANICOTTO**

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L mm	Z mm				€
183015000	15	49	9	35	20	500	5,38
183018000	18	50	10	42	20	300	6,12
183022000	22	53	11	54	20	200	7,04
183028000	28	56	10	71	10	150	8,05
183035000	35	63	10	97	10	100	10,20
183042000	42	72	12	136	4	60	13,81
183054000	54	83	13	198	2	24	16,77
183076000	76,1	142	32	635	4	4	81,38
183088000	88,9	166	46	765	4	4	93,01
183108000	108	203	41	1170	2	2	118,34

**183/001****MANICOTTO PASSANTE**

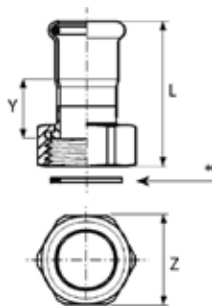
- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

≤54 B 10 11

≥76 B 10 12

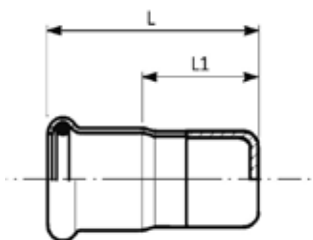
CODE	De mm	L mm	es				€
183015001	15	69	25	56	20	200	10,16
183018001	18	73	25	65	20	200	10,62
183022001	22	79	25	85	20	100	12,30
183028001	28	88,5	30	118	10	100	14,40
183035001	35	102,5	30	141	10	50	16,50
183042001	42	117,5	40	234	4	40	19,20
183054001	54	139	40	321	2	20	24,55
183076001	76,1	230	60	940	2	2	221,29
183088001	88,9	260	70	1240	2	2	251,45
183108001	108	310	80	1835	2	2	311,04

**183/002****MANICOTTO CON DADO FOLLE**

- VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD ÉCROU LIBRE
- RÁCOR DOS PIEZAS

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**GASKET:** [*]: EPDM nero – black – Schwarz – noir – negro**THREAD:** ISO 228/1 [ex DIN 259]

CODE	De x G mm x inch	L mm	Z mm	Y mm	Gasket mm				€
183015012	15 x 1/2"	48,5	27	23	18x10 thk 2,5	83	10	250	15,18
183015002	15 x 3/4"	50	30	23	24x14 thk 2,5	66	10	250	15,64
183018012	18 x 1/2"	49	27	23,5	18x10 thk 2,5	91	10	250	16,78
183018002	18 x 3/4"	50	30	23,5	24x14 thk 2,5	65	10	250	17,15
183022012	22 x 3/4"	50	30	19,5	24x14 thk 2,5	78	10	200	20,11
183022002	22 x 1"	52	36	23	30x20 thk 2,5	87	10	200	20,11
183028012	28 x 1"	52	36	19,5	30x20 thk 2,5	105	10	150	24,96
183028002	28 x 1 1/4"	57	46	25	39x27 thk 2,5	136	10	150	24,96
183028022	28 x 1 1/2"	59	52	22,5	44,5x27 thk 2,5	197	10	150	24,96
183035012	35 x 1 1/4"	57,5	46	20,5	39x27 thk 2,5	163	4	60	28,33
183035002	35 x 1 1/2"	63	52	26	44,5x34 thk 2,5	186	4	60	28,33
183042022	42 x 1 1/2"	63,5	52	21	44,5x34 thk 2,5	217	2	30	38,23
183042012	42 x 1 3/4"	68	58	27	56x42 thk 2,5	223	2	30	38,23
183042002	42 x 2"	68	64	27	56x42 thk 2,5	266	2	30	50,27
183054022	54 x 2"	72	67	23	56x42 thk 2,5	301	2	20	46,04
183054012	54 x 2 3/8"	77	75	30	65,5x53 thk 3	375	2	20	51,43
183054002	54 x 2 1/2"	77	81	30	71,5x53 thk 3	439	2	20	71,90

**183/003****TAPPO DI CHIUSURA**

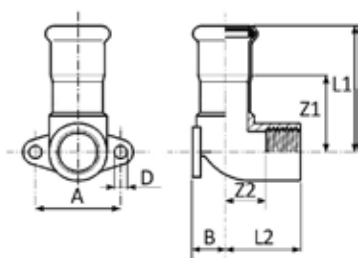
- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L mm	L1 mm				€
183015003	15	44	24	32	20	500	6,54
183018003	18	44	24	38	20	300	6,81
183022003	22	45	24	51	10	200	7,61
183028003	28	48	25	68	10	150	10,90
183035003	35	52	26	95	5	100	12,42
183042003	42	56	26	126	4	80	20,09
183054003	54	62	27	185	4	40	23,45
183076003	76,1	93	38	540	2	10	39,49
183088003	88,9	99	39	630	2	10	48,89
183108003	108	117	42	935	2	2	60,13

B 10 11

185/000
GOMITO MISTO 90° FF

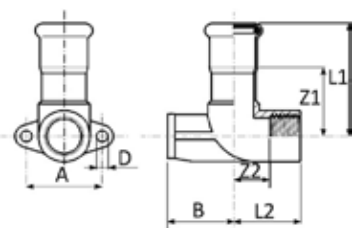
- WALL PLATE ELBOW 90° FF
- DECKENWINKEL 90° I/I
- EQUERRE 90° FF
- CODO PLACA HH

MATERIAL: AISI 316L – 1.4404

O-RING: EPDM nero – black – Schwarz – noir – negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm				€
185102015	15 x 1/2"	50	30	30	17	34	13	5	98	10	200	19,03
185102018	18 x 1/2"	51	30	31	17	34	13	5	109	10	200	19,75
185304022	22 x 3/4"	55	34	34	19	40	17	6	166	10	100	28,42

B 10 11

185/001
GOMITO MISTO 90° FF CON DISTANZIALE

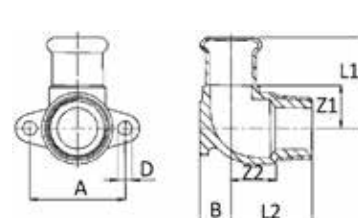
- EXTENSION WALL PLATE ELBOW 90° FF
- DECKENWINKEL 90°/W – I/I
- EQUERRE 90° FF AVEC SUPPORT D'AVANCEMENT
- CODO PLACA HH CON ESPACIADOR

MATERIAL: AISI 316L – 1.4404

O-RING: EPDM nero – black – Schwarz – noir – negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm				€
185102115	15 x 1/2"	50	30	30	17	34	35	5	146	10	150	20,64
185102118	18 x 1/2"	51	30	31	17	34	35	5	142	10	150	21,69
185304122	22 x 3/4"	55	34	34	19	40	31	6	182	10	100	29,39

B 10 11

185/002
GOMITO MISTO 90° FM

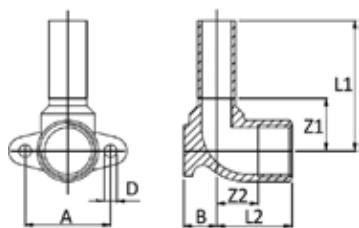
- WALL PLATE ELBOW 90° FM
- DECKENWINKEL 90° I/A
- EQUERRE 90° FM
- CODO PLACA HM

MATERIAL: AISI 316L – 1.4404

O-RING: EPDM nero – black – Schwarz – noir – negro

THREAD: EN 10226-1 (ex ISO 7/1)

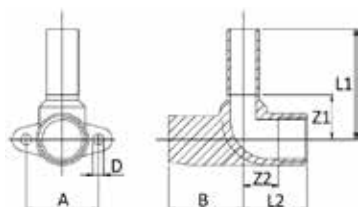
CODE	De x R mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm				€
185304218	18 x 3/4"	38	34	18	19	40	13	6	160	10	100	25,10

**185/000 M****GOMITO MISTO 90° MF**

- WALL PLATE ELBOW 90° MF
- DECKENWINKEL 90° A/I
- EQUERRE 90° MF
- CODO PLACA MH

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

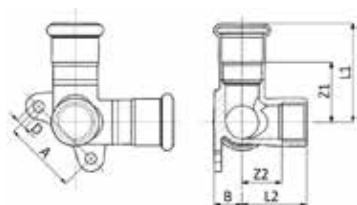
CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm				€
185102015M	15 x 1/2"	52	30	21	16,5	34	13	5	100	10	200	19,36
185102018M	18 x 1/2"	52	30,5	21	17	34	12,5	5	95	10	200	20,09
185304022M	22 x 3/4"	55	34	24	19	40	17	6	144	10	100	28,92

**185/001 M****GOMITO MISTO 90° MF CON DISTANZIALE**

- EXTENSION WALL PLATE ELBOW 90° MF
- DECKENWINKEL 90°/W A/I
- EQUERRE 90° MF AVEC SUPPORT D'AVANCEMENT
- CODO PLACA MH CON ESPACIADOR

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

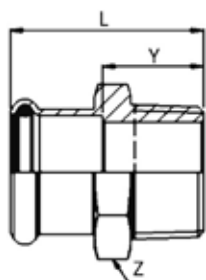
CODE	De x R mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm				€
185102115M	15 x 1/2"	52	30	21	16,5	34	35	5	135	10	150	20,64
185102118M	18 x 1/2"	52	30	21	16,5	34	35	5	130	10	150	21,69
185304122M	22 x 3/4"	55	34	24	19	40	31	6	166	10	100	29,39

**185/003****RACCORDO TRE VIE CON FLANGIA E DERIVAZIONE FILETTO F**

- CORNER TEE WITH WALL FLANGE
- INOXPRES-DOPPELWANDSCHEIBE
- EQUERRE MURALE AVEC FILETAGE FEMELLE
- RACOR TRES VÍAS CON BRIDA Y ROSCA HEMBRA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero – black – Schwarz – noir – negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm				€
185102315	15 x 1/2"	52	32	32	18,5	40	13	6	173	10	100	38,17
185102318	18 x 1/2"	52,5	32	32,5	18,5	40	13	6	182	10	50	39,46
185102322	22 x 1/2"	53,5	35	32,5	21,5	40	15	6	206	5	50	43,76

**187****MANICOTTO MISTO
FILETTO M**

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

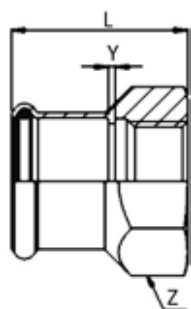
MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

≤54 B 10 11

≥76 B 10 12

CODE	DexR mm x inch	L mm	Z mm	Y mm				€
187308015	15 x 3/8"	38	24	18	46	20	400	10,83
187102015	15 x 1/2"	41	24	21	54	20	300	13,26
187304015	15 x 3/4"	43	30	23	101	20	200	13,46
187102018	18 x 1/2"	41	27	21	58	20	300	14,43
187304018	18 x 3/4"	44	30	24	94	20	200	15,05
187102022	22 x 1/2"	42	32	21	83	10	200	15,69
187304022	22 x 3/4"	44	32	23	89	10	200	16,24
187100022	22 x 1"	46	36	25	154	10	100	19,33
187304028	28 x 3/4"	47	38	24	114	10	100	22,03
187100028	28 x 1"	48	38	25	123	10	100	25,28
187114028	28 x 1 1/4"	53	46	30	248	10	100	29,18
187100035	35 x 1"	52	45	25	173	5	100	26,61
187114035	35 x 1 1/4"	55	46	28	180	5	50	30,95
187112035	35 x 1 1/2"	55	50	28	278	4	60	36,49
187114042	42 x 1 1/4"	59	54	28	240	4	40	41,45
187112042	42 x 1 1/2"	59	55	28	236	4	40	44,97
187112054	54 x 1 1/2"	65	65	29	356	4	32	52,19
187200054	54 x 2"	71	65	35	362	4	32	55,89
187212076	76,1 x 2 1/2"	124	80	69	780	2	8	259,75
187300088	88,9 x 3"	138	95	78	1135	2	4	388,08
187400108	108 x 4"	163	115	88	1728	2	2	446,75

A richiesta, sono disponibili raccordi con filettatura NPT - On demand fitting with NPT thread are available.



190

MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: AISI 316L - 1.4404

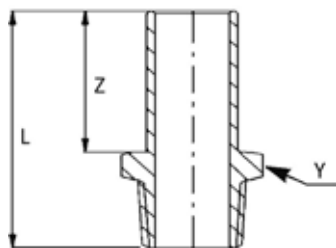
O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm				€
190102015	15 x 1/2"	38	27	2	64	20	300	14,28
190304015	15 x 3/4"	39	32	2	75	20	300	14,89
190102018	18 x 1/2"	38	27	2	89	20	300	15,06
190304018	18 x 3/4"	39	32	2	80	10	200	15,77
190102022	22 x 1/2"	39	32	2	99	20	200	16,00
190304022	22 x 3/4"	40	32	2	82	10	150	18,73
190100022	22 x 1"	43	41	2	148	10	100	22,16
190102028	28 x 1/2"	41	38	2	161	10	100	21,40
190304028	28 x 3/4"	42	38	2	130	10	100	21,40
190100028	28 x 1"	45	41	2	158	10	100	29,33
190114028	28 x 1 1/4"	48	46	2	148	10	100	32,55
190100035	35 x 1"	49	46	2	216	5	100	28,19
190114035	35 x 1 1/4"	52	46	2	170	5	50	31,99
190112035	35 x 1 1/2"	52	55	2	284	4	40	36,59
190114042	42 x 1 1/4"	56	55	2	259	4	40	36,18
190112042	42 x 1 1/2"	56	55	2	243	4	40	49,88
190112054	54 x 1 1/2"	60	65	1	420	4	32	54,31
190200054	54 x 2"	65	65	2	314	4	20	74,27

A richiesta, sono disponibili raccordi con filettatura NPT - On demand fitting with NPT thread are available.

B 10 11

**269/M****MANICOTTO CON INSERIMENTO FILETTO M**

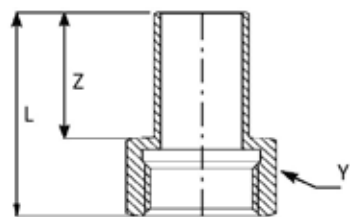
- MALE REDUCTION SOCKET
- ÜBERGANG AUSSENGWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION FILETÉ
- ADAPTADOR MACHO

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm				€
269102115	15 x 1/2"	52	31	22	54	20	300	13,54
269102118	18 x 1/2"	52	31	22	57	20	300	14,80
269304118	18 x 3/4"	55	31	27	67	20	200	14,64
269102122	22 x 1/2"	55	32	27	90	10	150	15,89
269304122	22 x 3/4"	56	32	27	93	10	200	16,66
269304128	28 x 3/4"	61	37	30	94	10	150	20,93
269100128	28 x 1"	64	37	38	145	10	100	22,85
269114135	35 x 1 1/4"	72	41	46	238	4	40	24,58
269112142	42 x 1 1/2"	91	55	55	267	4	40	28,52
269200154	54 x 2"	135	83	70	380	4	32	42,31

NUOVO CODICE / NEW CODE 269200154

B 10 11

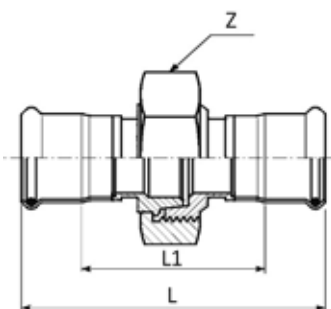
**269/F****MANICOTTO CON INSERIMENTO FILETTO F**

- FEMALE REDUCTION SOCKET
- ÜBERGANG INNENGWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION AVEC TARAUDAGE
- ADAPTADOR HEMBRA

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm				€
269102015	15 x 1/2"	52	31	24	55	20	300	14,77
269102018	18 x 1/2"	52	31	24	56	20	200	15,53
269304018	18 x 3/4"	51	31	30	57	20	200	16,14
269102022	22 x 1/2"	52	32	24	65	10	150	16,39
269304022	22 x 3/4"	52	32	30	70	10	200	19,38
269304028	28 x 3/4"	57	37	30	76	10	150	20,93
269100028	28 x 1"	57	35	36	104	10	100	31,38
269114035	35 x 1 1/4"	70	45	46	182	5	50	44,00
269112042	42 x 1 1/2"	118	78	55	280	4	40	48,50
269200054	54 x 2"	135	83	70	340	4	20	62,60

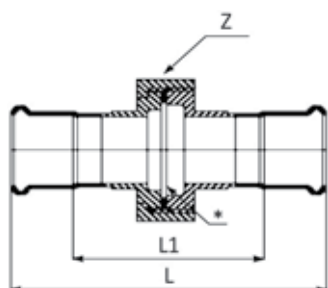
NUOVI CODICI / NEW CODES 269100028 - 269114035 - 269112042 - 269200054

**184/000****BOCCHETTONI SEDE CONICA**

- CONICAL UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDE KONISCH
- ÉLÉMENT DE TRANSITION FILTÉ CONIQUE AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS CONICO

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	L1 mm	Z mm				€
184015000	15	96	56	34	146	10	100	25,58
184018000	18	97	57	39	192	10	100	30,28
184022000	22	99	57	39	202	10	50	33,96
184028000	28	116	70	58	468	5	25	44,06
184035000	35	123	71	67	618	4	20	55,60
184042000	42	138	78	77	824	2	20	68,93
184054000	54	154	84	90	1178	2	10	130,27

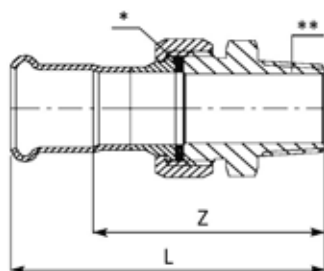
**184/001****BOCCHETTONE A SEDE PIANA**

- FLAT FACED UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDE FLACHDICHTEND
- ÉLÉMENT DE TRANSITION FILTÉ PLAT AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS PLANO

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**GASKET:** [*]: EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	L1 mm	Z mm	Gasket mm				€
184015001	15	96	56	34	24x14 thk 2,5	146	10	120	25,58
184018001	18	97	57	39	30x20 thk 2,5	187	10	100	30,28
184022001	22	100	58	39	30x20 thk 2,5	194	10	100	33,96
184028001	28	117	71	58	47,5x37 thk 2,5	450	5	30	44,06
184035001	35	127	75	67	56x42 thk 2,5	617	4	20	55,60
184042001	42	140	80	77	66x56 thk 2,5	797	2	20	68,93
184054001	54	152	82	90	79,5x69 thk 2,5	1176	2	10	130,27

B 10 11



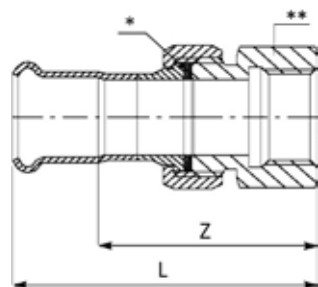
184/002

BOCCHETTONI SEDE PIANA FILETTO M

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: AISI 316L – 1.4404**FITTING:** [**]: ottone - brass - Messing - laiton - latón**O-RING:** EPDM nero - black - Schwarz - noir - negro**GASKET:** [*]: EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Gasket mm				€
184015002	15 x 1/2"	76	56	24x14 thk 2,5	142	2	200	24,96
184018002	18 x 1/2"	77	56	24x14 thk 2,5	144	2	160	28,42
184022122	22 x 1/2"	79	54	30x20 thk 2,5	199	2	100	29,27
184022002	22 x 3/4"	81	59	30x20 thk 2,5	202	2	100	29,27
184028342	28 x 3/4"	87	64	39x27 thk 2,5	370	2	60	49,91
184028002	28 x 1"	90	67	39x27 thk 2,5	364	2	60	49,91
184035002	35 x 1 1/4"	101	74	44,5x34 thk 2,5	540	2	40	63,69
184042002	42 x 1 1/2"	105	74	50,5x42 thk 2,5	563	2	30	73,13
184054002	54 x 2"	118	83	65,5x53,5 thk 3	823	2	20	125,62



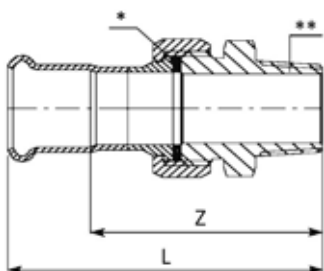
184/003

BOCCHETTONI SEDE PIANA FILETTO F

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L – 1.4404**FITTING:** [**]: ottone - brass - Messing - laiton - latón**O-RING:** EPDM nero - black - Schwarz - noir - negro**GASKET:** [*]: EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

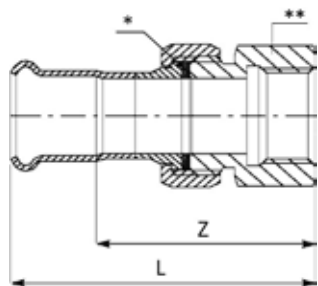
CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm				€
184015003	15 x 1/2"	71	50	24x14 thk 2,5	140	2	250	24,96
184018003	18 x 1/2"	72	51	24x14 thk 2,5	145	2	140	30,09
184022123	22 x 1/2"	75	54	30x20 thk 2,5	253	2	100	32,70
184022003	22 x 3/4"	76	54	30x20 thk 2,5	213	2	100	32,70
184028343	28 x 3/4"	83	60	39x27 thk 2,5	483	2	60	43,04
184028003	28 x 1"	83	60	39x27 thk 2,5	404	2	60	43,04
184035003	35 x 1 1/4"	93	66	44,5x30 thk 2,5	486	2	30	53,36
184042003	42 x 1 1/2"	97	66	56x42 thk 2,5	536	2	30	66,29
184054003	54 x 2"	116	81	66,5x53,5 thk 2,5	1091	2	20	126,48

**184/002 INOX****BOCCHETTONI SEDE PIANA FILETTO M**

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSERGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: AISI 316L - 1.4404**FITTING:** [**]: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**GASKET:** [*]: EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

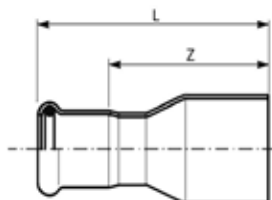
CODE	De x R mm x inch	L mm	Z mm	Gasket mm				€
184015002I	15 x 1/2"	77	56	24x14 thk 2,5	137	2	200	31,20
184018002I	18 x 1/2"	77	56	24x14 thk 2,5	139	2	160	35,52
184022002I	22 x 3/4"	81	59	30x20 thk 2,5	194	2	100	36,59
184028002I	28 x 1"	90	67	39x27 thk 2,5	350	2	60	62,39
184035002I	35 x 1 1/4"	101	74	44,5x34 thk 2,5	518	2	40	79,61
184042002I	42 x 1 1/2"	102	71,5	44,5x34 thk 2,5	543	2	30	84,12
184054002I	54 x 2"	111	77	56x42 thk 2,5	842	2	20	144,48

**184/003 INOX****BOCCHETTONI SEDE PIANA FILETTO F**

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L - 1.4404**FITTING:** [**]: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**GASKET:** [*]: EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

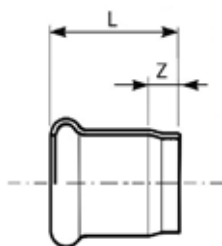
CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm				€
184015003I	15 x 1/2"	71	50	24x14 thk 2,5	135	2	250	31,20
184018003I	18 x 1/2"	72	51	24x14 thk 2,5	140	2	140	37,61
184022003I	22 x 3/4"	76	54	30x20 thk 2,5	206	2	100	40,90
184028003I	28 x 1"	83	60	39x27 thk 2,5	387	2	60	53,79
184035003I	35 x 1 1/4"	93	66	44,5x34 thk 2,5	467	2	30	66,71
184042003I	42 x 1 1/2"	93	62,5	44,5x34 thk 2,5	488	2	30	76,23
184054003I	54 x 2"	111	77	56x42 thk 2,5	902	2	20	145,47

**191****RIDUZIONE MF**

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**≤54 B 10 11****≥76 B 10 12**

CODE	De mm	L mm	Z mm				€
191018015	18 x 15	57	37	35	20	500	6,23
191022015	22 x 15	64	44	43	20	400	6,80
191022018	22 x 18	60	40	47	20	300	7,03
191028015	28 x 15	76,5	56,5	50	20	200	7,78
191028018	28 x 18	75	55	54	20	200	7,95
191028022	28 x 22	65	42,5	58	20	200	8,20
191035015	35 x 15	84	64	69	10	100	30,19
191035018	35 x 18	81	61	87	10	100	30,54
191035022	35 x 22	70	49	90	10	100	9,92
191035028	35 x 28	71	48	98	10	100	12,29
191042015	42 x 15	87	67	103	4	100	31,21
191042018	42 x 18	87	67	108	4	80	31,29
191042022	42 x 22	97	76	120	4	80	32,42
191042028	42 x 28	93	70	127	4	80	33,14
191042035	42 x 35	81	55	138	4	40	13,62
191054015	54 x 15	98	78	148	4	40	34,62
191054018	54 x 18	98	78	161	4	40	34,66
191054022	54 x 22	99	78	169	4	40	36,51
191054028	54 x 28	108,5	85,5	180	4	40	38,00
191054035	54 x 35	108	82	192	4	40	47,32
191054042	54 x 42	97,5	67,5	210	4	32	14,90
191076042	76,1 x 42	143	113	480	4	4	68,80
191076054	76,1 x 54	148	112	480	4	4	70,30
191088054	88,9 x 54	161	125	585	4	4	76,48
191088076	88,9 x 76,1	184	129	675	4	4	103,92
191108054	108 x 54	178	143	835	2	2	82,44
191108076	108 x 76,1	203	148	900	2	2	107,01
191108088	108 x 88,9	210	150	1050	2	2	119,19



NEW

187/R**MEZZO MANICOTTO A SALDARE**

- HALF WELDING COUPLING
- HALBE LAENGE SCHWEISSMUFFE
- DEMI MANCHON À SOUDER
- MEDIO MANGUITO PARA SOLDAR

MATERIAL: AISI 316L – 1.4404**O-RING:** assente - absent - Abwesend - absent - ausente

≤54 B 10 11

≥76 B 10 12

CODE	De mm	L mm	Z mm	 g			€
187015000R	15	29	9	20	20	400	4,44
187018000R	18	29,5	9,5	24	20	300	5,31
187022000R	22	30,5	9,5	30	20	200	5,99
187028000R	28	33,5	10,5	40	10	200	6,16
187035000R	35	37,5	11,5	52	10	100	7,55
187042000R	42	41	11	74	10	50	5,66
187054000R	54	48	12	104	10	50	9,14
187076000R	76,1	74,5	19,5	308	4	24	44,36
187088000R	88,9	84	24	404	2	20	57,03
187108000R	108	100	25	614	1	4	76,94

B 10 11

179

"S" DI SCAVALCAMENTO MM

- PIPE BRIDGE
- SPRUNGBOGEN
- "S" DE CHEVAUCHEMENT MALE
- "S" DE SUPERPOSICIÓN MM

MATERIAL: AISI 316L - 1.4404



CODE	De mm	L mm	A mm	B mm				€
179015000	15	57	158	37	54	10	150	11,64
179018000	18	60	166	44	74	10	100	12,12
179022000	22	76	189	48	116	10	100	13,57
179028000	28	74	201	54	192	10	50	16,46

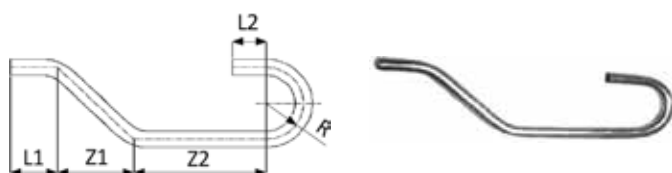
B 10 11

178

TUBO PER ARIA COMPRESSA

- PIPE FOR COMPRESSED AIR
- SPRUNGBOGEN FÜR DRUCKLUFT
- TUBE POUR L'AIR COMPRIMÉ
- TUBO DE AIRE

MATERIAL: AISI 316L - 1.4404



CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	R mm				€
178015316	15	30	30	70	140	35	144	1	20	27,45
178018316	18	50	35	80	140	40	182	1	20	29,40
178022316	22	50	35	80	140	40	246	1	20	33,31
178028316	28	60	40	102	150	51	420	1	20	50,95

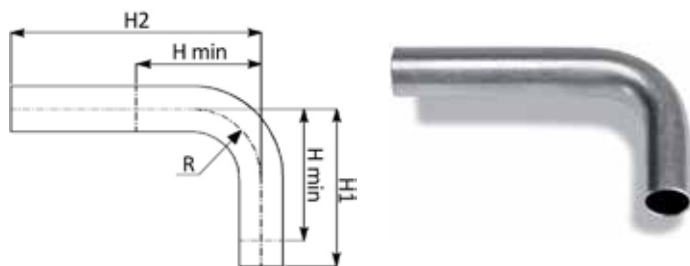
B 10 11

194/900

TUBO CURVO 90°

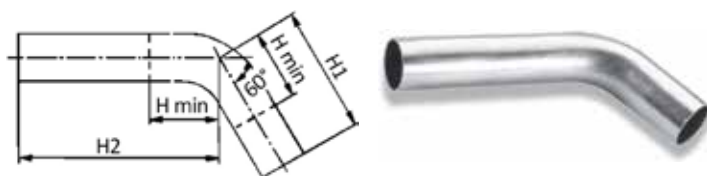
- 90° ELBOW MM
- PASSBOGEN 90°
- COUDE D'AJUSTEMENT 90°
- TUBO RICURVO 90° MM

MATERIAL: AISI 316L - 1.4404



CODE	De mm	H1 mm	H min mm	H2 mm	R mm				€
194015900	15	70	48	120	35	60	20	160	12,81
194018900	18	70	53	120	38	68	20	160	13,30
194022900	22	70	61	120	40	108	10	100	14,30
194028900	28	97	80	125	45	150	10	50	15,30
194035900	35	120	90	200	54	362	4	20	31,05
194042900	42	160	115	250	76	530	2	10	38,45
194054900	54	200	140	305	97	886	2	2	48,30

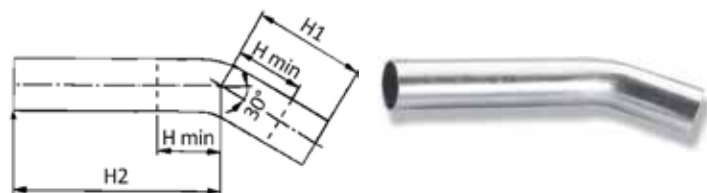
B 10 11

**194/600****TUBO CURVO 60°**

- 60° ELBOW MM
- PASSBOGEN 60°
- COUDE D'AJUSTEMENT 60°
- TUBO RICURVO 60° MM

MATERIAL: AISI 316L – 1.4404

CODE	De mm	H1 mm	H min mm	H2 mm				€
194028600	28	71	64	116	145	10	50	25,54
194035600	35	101	71	226	380	4	24	41,07
194042600	42	124	80	251	533	2	10	60,62
194054600	54	162	97	308	920	2	2	78,18

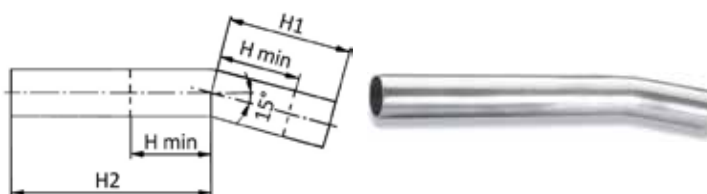
**194/300****TUBO CURVO 30°**

- 30° ELBOW MM
- PASSBOGEN 30°
- COUDE D'AJUSTEMENT 30°
- TUBO RICURVO 30° MM

MATERIAL: AISI 316L – 1.4404

CODE	De mm	H1 mm	H min mm	H2 mm				€
194022300	22	50	44	124	110	10	50	23,92
194028300	28	54	47	130	148	10	50	24,49
194035300	35	80	50	218	372	4	24	39,44
194042300	42	98	54	274	540	2	10	58,15
194054300	54	137	72	324	928	2	2	74,51

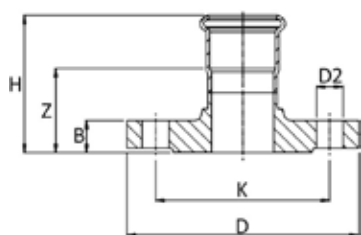
NUOVO CODICE / NEW CODE 194022300

**194/150****TUBO CURVO 15°**

- 15° ELBOW MM
- PASSBOGEN 15°
- COUDE D'AJUSTEMENT 15°
- TUBO RICURVO 15° MM

MATERIAL: AISI 316L – 1.4404

CODE	De mm	H1 mm	H min mm	H2 mm				€
194028150	28	45	38	136	137	10	50	23,97
194035150	35	62	32	234	380	4	24	38,69
194042150	42	94	50	276	536	2	10	56,97
194054150	54	117	52	337	930	2	2	72,64

**193/002**

≤54 B 10 11

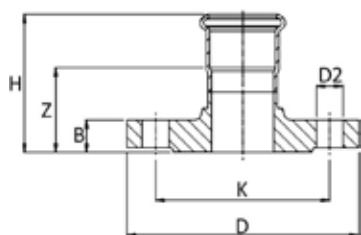
≥76 B 10 12

MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**PN 6**

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm				€
193015002	15	15	53	33	12	80	11,5	4	55	405	2	20	43,21
193018002	18	15	53,5	33,5	12	80	11,5	4	55	405	2	20	44,42
193022002	22	20	56,5	35,5	14	90	11,5	4	65	610	2	14	52,55
193028002	28	25	59,5	36,5	14	100	11,5	4	75	755	2	10	64,25
193035002	35	32	63	37	14	120	11,5	4	90	1080	2	6	90,68
193042002	42	40	67	37	14	130	14	4	100	1186	2	8	106,39
193054002	54	50	74	38	14	140	14	4	110	1348	2	4	131,19
193076002	76,1	65	101	45,5	14	160	14	4	130	1870	2	2	218,49
193088002	88,9	80	112	52	16	190	18	4	150	2920	2	2	260,70
193108002	108	100	128	53	16	210	18	4	170	3525	2	2	310,33

**193/000**

≤54 B 10 11

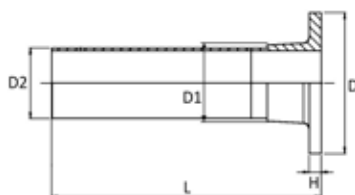
≥76 B 10 12

MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**PN 16**

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm				€
193015000	15	15	55	35	14	95	14	4	65	660	2	20	47,97
193018000	18	15	55,5	35,5	14	95	14	4	65	660	2	20	49,31
193022000	22	20	58,5	37,5	16	105	14	4	75	945	2	14	58,34
193028000	28	25	61,5	38,5	16	115	14	4	85	1140	2	10	71,33
193035000	35	32	65,5	39,5	16	140	18	4	100	1640	2	6	100,68
193042000	42	40	69	39	16	150	18	4	110	1800	2	8	118,10
193054000	54	50	78	42	18	165	18	4	125	2450	2	4	145,65
193076000	76,1	65	105	50	18	185	18	4	145	3175	2	2	237,27
193088000	88,9	80	116	56	20	200	18	8	160	3930	2	2	283,11
193108000	108	100	132	57	20	220	18	8	180	4700	2	2	337,00

**193/004**

≤54 B 10 11

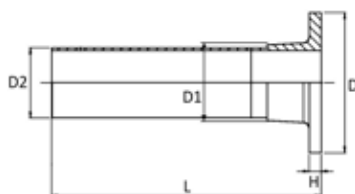
≥76 B 10 12

BOCCELLI PER FLANGE LIBERE

- COLLARS FOR LOOSE FLANGES
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: AISI 316L – 1.4404**PN 6**

CODE	De mm	L mm	H mm	D mm	D1 mm	D2 mm			€
193022004	22	135	6	50	27	22	210	2	34,31
193028004	28	135	6	60	32	28	260	2	40,05
193035004	35	135	6	70	40	35	350	2	48,47
193042004	42	135	6	80	46	42	420	2	55,15
193054004	54	135	8	90	59	54	580	2	61,98
193076004	76,1	135	8	110	78	76,1	840	2	90,49
193088004	88,9	135	10	128	91	88,9	1150	2	110,24
193108004	108	135	10	148	110	108	1390	2	139,83

**193/003**

≤54 B 10 11

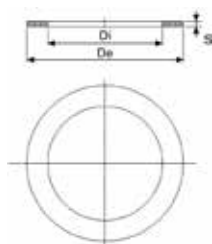
≥76 B 10 12

BOCCELLI PER FLANGE LIBERE

- COLLARS FOR LOOSE FLANGES
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: AISI 316L – 1.4404**PN 16**

CODE	De mm	L mm	H mm	D mm	D1 mm	D2 mm			€
193022003	22	135	6	58	27	22	240	2	35,25
193028003	28	135	6	68	32	28	300	2	43,43
193035003	35	135	6	78	40	35	390	2	50,07
193042003	42	135	6	88	46	42	470	2	57,04
193054003	54	135	8	102	59	54	700	2	67,23
193076003	76,1	135	8	122	78	76,1	980	2	97,45
193088003	88,9	135	10	138	91	88,9	1310	2	116,33
193108003	108	135	10	158	110	108	1580	2	147,13

**434/PN 6****R 30 30****GUARNIZIONE ECOLOGICA PER FLANGE**

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLOGICA PARA BRIDA

PN 6

NORM: EN 1092-1
MATERIAL: Sesalit Eco

CODE	DN	De mm	Di mm	S mm			Supplier code	€
434015006	15 - [1/2"]	44	20	2	4	10	434015006	0,46
434020006	20 - [3/4"]	54	25	2	6	10	434020006	0,67
434025006	25 - [1"]	64	30	2	9	10	434025006	0,92
434032006	32 - [1" 1/4"]	75	38	2	11	10	434032006	1,25
434040006	40 - [1" 1/2"]	85	45	2	14	10	434040006	1,62
434050006	50 - [2"]	95	57	2	15	10	434050006	2,47
434065006	65 - [2" 1/2"]	115	76	2	19	10	434065006	3,39
434080006	80 - [3"]	132	89	2	26	10	434080006	4,04
434100006	100 - [4"]	152	108	2	29	10	434100006	4,78

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
 IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)

LIMITI DI TEMPERATURA ORIENTATIVI

Temperatura massima per brevi esposizioni: 180°-200° C

Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C

Temperatura massima di esercizio continuo con vapore: 110° C

OMOLOGAZIONI: acqua potabile KTW-TZW: n. KA 242/09

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free

USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)

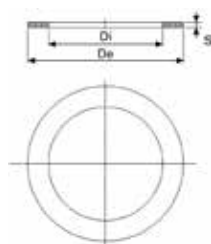
GUIDELINE TEMPERATURE LIMITS

Maximum temperature for short exposure: 180°-200° C

Maximum operating temperature for continuous non-aggressive fluids: 140° C

Maximum temperature for continuous operation with steam: 110° C

APPROVAL: potable water KTW-TZW: n. KA 242/09



434/PN 10-16

R 30 30

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLOGICA PARA BRIDA

PN
10/16

NORM: EN 1092-1
MATERIAL: Sesalit Eco

CODE	Supplier code	DN	De mm	Di mm	S mm			€
434015000	434015000	15 - (1/2")	50	20	2	6	10	0,46
434020000	434020000	20 - (3/4")	60	25	2	8	10	0,66
434025000	434025000	25 - (1")	70	30	2	10	10	0,91
434032000	434032000	32 - (1" 1/4)	82	38	2	14	10	1,25
434040000	434040000	40 - (1" 1/2)	92	45	2	17	10	1,62
434050000	434050000	50 - (2")	108	57	2	22	10	2,45
434065000	434065000	65 - (2" 1/2)	127	76	2	27	10	3,37
434080000	434080000	80 - (3")	142	89	2	30	10	4,00
434100000	434100000	100 - (4")	162	108	2	38	10	4,59

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
 IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)

LIMITI DI TEMPERATURA ORIENTATIVI

Temperatura massima per brevi esposizioni: 180°-200° C

Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C

Temperatura massima di esercizio continuo con vapore: 110° C

OMOLOGAZIONI: acqua potabile KTW-TZW: n. KA 242/09

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free

USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)

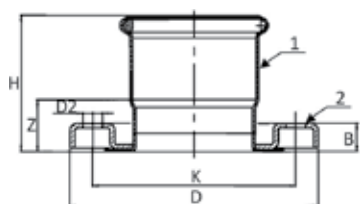
GUIDELINE TEMPERATURE LIMITS

Maximum temperature for short exposure: 180°-200° C

Maximum operating temperature for continuous non-aggressive fluids: 140° C

Maximum temperature for continuous operation with steam: 110° C

APPROVAL: potable water KTW-TZW: n. KA 242/09

**193/001**

≤54 B 10 11

≥76 B 10 12

MANICOTTO CON FLANGIA SCORREVOLE

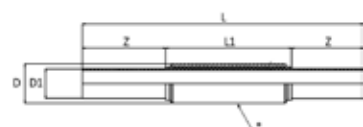
- ADAPTOR LOOSE FLANGE
- UBERGANGSLOSFLANSCH
- BRIDA TOURNANTE DE RACCORDEMENT
- BRIDA LOCA CON ADAPTADOR

MATERIAL: 1 - AISI 316L - 1.4404
2 - AISI 304 - 1.4301

O-RING: EPDM nero - black - Schwarz - noir - negro

PN 10

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm				€
193054001	54	50	60	24	21	165	17,5	4	125	895	2	6	94,43
193076001	76,1	65	86,5	31,5	24	185	17,5	4	145	1380	2	2	122,35
193088001	88,9	80	96	36	24	200	17,5	8	160	1380	2	2	143,63
193108001	108	100	116	41	25	220	17,5	8	180	1950	2	2	158,51

**179/001**

≤54 B 10 11

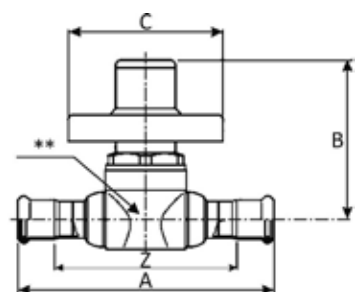
≥76 B 10 12

PASSAGGIO STAGNO

- DECK / BULKHEAD PENETRATION
- WANDDURCHFÜHRUNG
- PASSAGE ÉTANCHE
- PASAJE ESTAÑO

MATERIAL: AISI 316L - 1.4404
NOTE: [*]: S235JR (Fe 360)

CODE	De mm	L mm	L1 mm	Z mm	D mm	D1 mm			€
179015001	15	450	120	165	25	15	460	1	25,76
179018001	18	450	120	165	30	18	621	1	26,04
179022001	22	450	120	165	33	22	701	1	26,27
179028001	28	450	120	165	37	28	776	1	26,72
179035001	35	450	120	165	43,5	35	936	1	29,70
179042001	42	450	120	165	53	42	1291	1	35,29
179054001	54	450	120	165	69	54	1965	1	56,85
179076001	76,1	450	120	165	88,5	76,1	2840	1	66,15
179088001	88,9	450	120	165	107	88,9	4081	1	78,14
179108001	108	450	120	165	131,5	108	5682	1	104,41

**195/000****B 10 11****RUBINETTO DA INCASSO CON ROSONE**

- STOPVALVE WITH PRESS ENDS
- UP-VENTIL MIT PRESSENDEN
- ROBINET ENCASTRE AVEC ROSACE
- VÁLVULA DE BOLA "PRES" CON EMBECELLADOR

MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

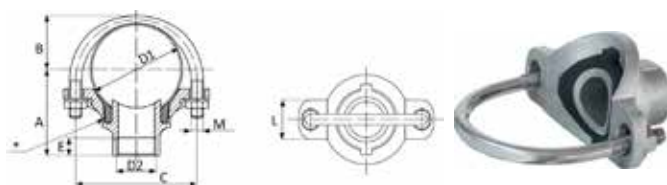
NOTE: [**] Movimento interno in Ottone - Kugel aus Messing - Ball out of brass - Mouvement en laiton - Bola en latón

CODE	De mm	Z mm	A mm	B mm	C mm				€
195015000	15	42	101	74	70	330	1	10	104,43
195018000	18	46	105	74	70	386	1	10	104,43
195022000	22	55	116	76	70	400	1	10	111,83

B 10 12

171/T**COLLARE DI PRESA CON DERIVAZIONE FEMMINA**

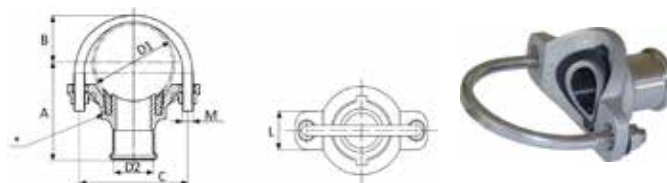
- BRACKET WITH FEMALE THREAD
- ANBOHRSCHELLE MIT INNENGEWINDE
- COLLIER DE PRISE AVEC DÉRIVATION À SERTIR
- CONJUNTO DERIVACIÓN ROSCADO HEMBRA

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**GASKET:** (*): EPDM guarnizione - gasket - Dichtung - joint - juntas**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	D1 mm	D2 mm	A mm	B mm	C mm	L mm	E mm	M mm				€
171076100	76,1	1"	57,5	44	100	35	15	M 10 x 35	716	1	20	40,18

171/P**COLLARE DI PRESA CON DERIVAZIONE A PRESSARE**

- BRACKET WITH FEMALE PRESS CONNECTION
- ANBOHRSCHELLE MIT PRESSENDEN
- COLLIER DE PRISE AVEC DÉRIVATION F
- CONJUNTO DERIVACIÓN DE PRENSAR

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**GASKET:** (*): EPDM guarnizione - gasket - Dichtung - joint - juntas

≤54 B 10 11

≥76 B 10 12

CODE	D1 mm	D2 mm	A mm	B mm	C mm	L mm	M mm				€
171035028	35	28	58	22,5	65	29,5	M 6 x 30	260	1	30	24,66
171042028	42	28	61	26	70	28	M 6 x 30	301	1	20	27,29
171054028	54	28	69	33	81	30	M 8 x 50	430	1	20	34,07
171076035	76,1	35	90	44	100	35	M 10 x 35	700	1	20	40,18
171088042	88,9	42	97	53	115	40	M 10 x 35	740	1	10	69,88
171108054	108	54	116	60	135	45	M 10 x 35	1090	1	10	94,82

NUOVI CODICI / NEW CODES 171035028 - 171042028 - 171054028 - 171088042 - 171108054

Montaggio - Assembly - Montage - Assemblage - Montaje

Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10

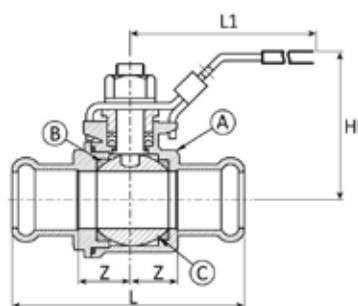


Fig. 11



Fig. 12

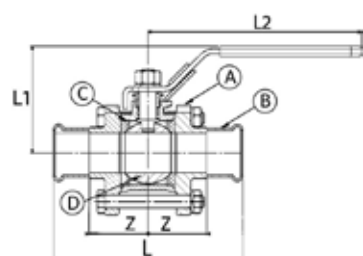
B 10 11

**195/005****VALVOLA A SFERA PASSAGGIO TOTALE**

- BALL VALVE WITH FULL PORT
- KUGELHAHN MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE PASSAGE RÉDUIT
- VÁLVULA DE BOLA PASO TOTAL

MATERIAL: A-C: AISI 316L – 1.4404 B: PTFE
O-RING: EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	L1 mm	H mm	Z mm				€
195015005	15	85	97,5	50	20	330	1	10	51,56
195018005	18	88	123	59	20	350	1	10	61,55
195022005	22	100	123	62,5	21	500	1	10	77,13
195028005	28	107	145	69,5	23	710	1	10	103,66

**195/003**

≤54 B 10 11

≥76 B 10 12

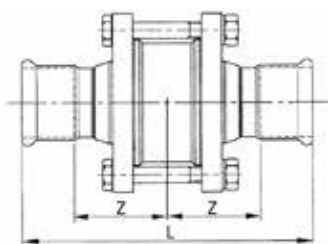
**VALVOLA A SFERA 3 PZ
PASSAGGIO TOTALE LUCCHETTABILE
CON BASE PER ATTUATORE**

- 3-PC BALL VALVE WITH FULL PORT
- KUGELHAHN 3-TEILIG MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE 3 PIÈCES PASSAGE INTÉGRAL
- VÁLVULA DE BOLA TRES PIEZAS POSO TOTAL

MATERIAL: A-B-D: AISI 316L – 1.4404 C: PTFE
O-RING: EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	Z mm	L1 mm	L2 mm				€
195015003	15	128	44	69	145	690	1	10	74,77
195018003	18	134	47	69	145	700	1	10	80,69
195022003	22	151	54,5	76	145	1000	1	10	86,43
195028003	28	167	60,5	89	175	1460	1	5	109,96
195035003	35	184	66	93,5	175	2260	1	5	173,75
195042003	42	207	73,5	103	195	3080	1	5	221,10
195054003	54	245	87,5	109	195	4520	1	5	273,97
195076003	76,1	334	112	147	295	9100	1	2	529,15
195088003	88,9	384	132	154	295	13300	1	1	739,48
195108003*	108	470	160	205	400	24700	1	1	1336,72

(*) DN 108 con tubo maniglia, with pipe handle, mit Rohrgriff, avec tube-poignée, con mango de tubo

**195/004**

≤54 B 10 11

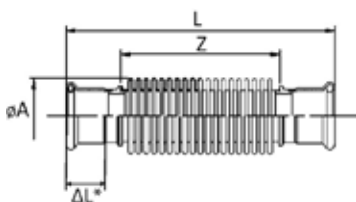
≥76 B 10 12

VALVOLA DI RITEGNO

- NON-RETURN VALVE
- RÜCKSCHLAGVENTIL
- CLAPET ANTI-RETOUR
- VÁLVULA DE RETENCIÓN

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	Z mm			€
195015004	15	114	37	1	1240	90,70
195018004	18	113	36,5	1	1340	102,72
195022004	22	121	39,5	1	1750	109,80
195028004	28	138	46	1	1800	137,75
195035004	35	158	53	1	3950	156,63
195042004	42	180	60	1	4500	193,00
195054004	54	200	65	1	5400	265,71
195076004	76,1	272	81	1	7050	546,85
195088004	88,9	299	89,5	1	12280	833,37
195108004	108	372	111	1	14800	850,17

**199**

B 10 11

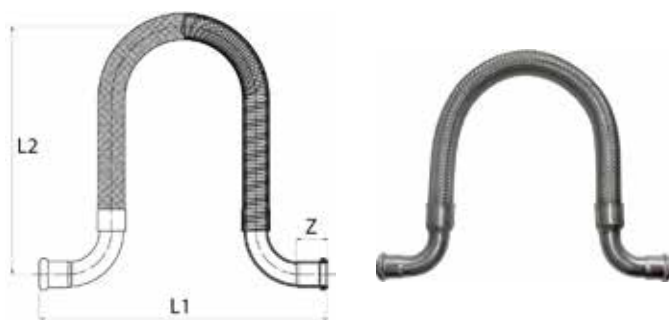
COMPENSATORE DI DILATAZIONE

- EXPANSION COMPENSATOR
- WELLENKOMPENSATOR
- COMPENSATEUR D'EXPANSION
- DILATADOR

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**NOTE:** * ΔL max: 1000 Cicli – 1000 Abläufe – 1000 Cycles – 1000 Cycles – 1000 Ciclos**PN 10**

CODE	De mm	L mm	ΔL mm	Z mm	A mm				€
199015000	15	139	16	71	23	80	10	100	117,83
199018000	18	143	18	74	28	108	10	80	129,60
199022000	22	139	20	68	34	130	10	80	144,33
199028000	28	150	22	73	41	155	5	40	185,59
199035000	35	177	26	90	52	251	4	24	229,75
199042000	42	202	32	107	62	440	2	16	273,94
199054000	54	221	36	113	72	550	2	12	338,75

B 10 11

**199/001****TUBO FLESSIBILE AD OMEGA**

- U-BEND FLEXIBLE PIPE
- FLEXIBLES ECKSTÜCK ZUM EINPRESSEN
- TUBE FLEXIBLE RACCORDS COUDÉS
- FLEXIBLE OMEGA

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**PN 10**

CODE	De mm	L1 mm	L2 mm	Z mm			€
199015001	15	275	165	20	245	1	132,84
199018001	18	350	170	20	290	1	138,22
199022001	22	380	195	21	450	1	146,71
199028001	28	410	230	23	615	1	154,89
199035001	35	460	255	26	1080	1	197,12
199042001	42	530	295	30	1455	1	277,47
199054001	54	625	370	35	2310	1	389,19

B 10 11

199/002**TUBO FLESSIBILE RETTILINEO**

- STRAIGHT FLEXIBLE PIPE
- PANZERSCHLAUCH ZUM EINPRESSEN
- TUBE FLEXIBLE RACCORDS DROIT
- FLEXIBLE RECTO

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**PN 10**

CODE	De mm	L mm	Z mm			€
199015002	15	500	20	200	1	99,28
199018002	18	600	20	310	1	107,07
199022002	22	700	21	350	1	112,33
199028002	28	700	23	495	1	130,54
199035002	35	800	26	980	1	165,54
199042002	42	900	30	1280	1	221,63
199054002	54	1100	35	2060	1	334,40

Certificazioni / Certifications

ø 15 ÷ 54 mm			Produkte der Gasversorgung	DG-8531BP0295 (VP 614)	Ø 15 – 54 mm
			EDELSTAHLROHR "INOXPRES" – 1.4404	DW-7301 BM3426 (GW 541)	Ø 15 – 108 mm
			UNLÖSBARE ROHRVERBINDUNGEN FÜR METALLENE GASLEITUNGEN PRESSVERBINDER AUS EDELSTAHL FÜR EDELSTAHLROHRE = INOXPRES® GAS=	G 2.827 (PG 500, PG 314)	Ø 15 – 108 mm
			UNLÖSBARE ROHRVERBINDUNGEN PRESSVERBINDUNGS-SYSTEM AUS EDELSTAHL INOXPRES GAS	05-088-06 (VP 614)	Ø 15 – 54 mm
			RACCORDI A PRESSARE PER GAS – PLUMBING FITTINGS FOR GASES	CA06-00231	Ø 15 – 54 mm
			INOXPRES GAS PRESSFITTINGSYSTEM	POCC IT.MH08.H26536	Ø 15 – 54 mm
			INOXPRES GAS ELNEVEZÉSÜ PN 5 NYOMÁSFOKOZATÚ ROZSDAMENTES ACÉL PRÉSIDOMOK ÉS CSÖVEK 15-54 mm MÉRETEN	A-730/2010	Ø 15 – 54 mm
			DAU 11/072 INOXPRES (GAS)	DAU 11 - 072	Ø 15 – 54 mm
			SYSTEM OF STEEL PIPES AND STEEL COMPRESSION FITTINGS INOXPRES GAS	STO-30-00300-10	Ø 15 – 54 mm
ø 76 ÷ 108 mm			EDELSTAHLROHR "INOXPRES" – 1.4404	DW-7301 BM3426 (GW 541)	Ø 15 – 108 mm
			PRODUKTE DER GASVERSORGUNG	DG-8531CL0163 (VP 614)	Ø 76 – 108 mm
			UNLÖSBARE ROHRVERBINDUNGEN FÜR METALLENE GASLEITUNGEN PRESSVERBINDER AUS EDELSTAHL FÜR EDELSTAHLROHRE = INOXPRES® GAS=	G 2.827 (PG 500, PG 314)	Ø 15 – 108 mm

Campi di applicazione / Fields of application

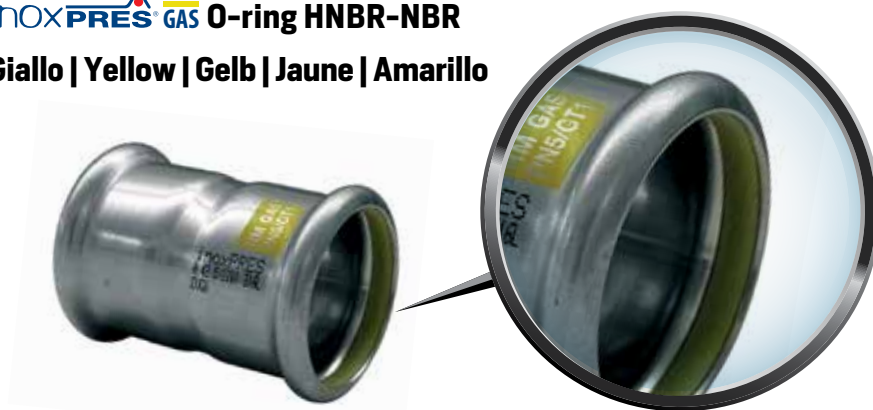
inoxPRES® GAS



Gas metano
Natural Gas

inoxPRES® GAS O-ring HNBR-NBR

Giallo | Yellow | Gelb | Jaune | Amarillo



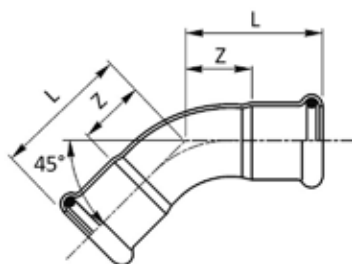
**116/200****≤54 B 30 31****≥76 B 30 32****TUBO PER ACQUA
POTABILE E GAS**

- PIPE FOR POTABLE WATER AND GAS
- ROHR FÜR TRINKWASSER UND GAS
- TUBE POUR L'EAU POTABLE ET LE GAZ
- TUBO PARA EL AGUA POTABLE Y EL GAS

Mat. Nr.: 1.4404 (AISI 316L)**Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo**

CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m	€
116015200	15 x 1,0	13	6	0,351	0,133	60	1014	6,47
116018200	18 x 1,0	16	6	0,426	0,201	60	1014	7,35
116022200	22 x 1,2	19,6	6	0,625	0,302	60	762	10,25
116028200	28 x 1,2	25,6	6	0,805	0,514	30	546	12,92
116035200	35 x 1,5	32	6	1,258	0,804	30	546	19,53
116042200	42 x 1,5	39	6	1,521	1,194	30	366	23,32
116054200	54 x 1,5	51	6	1,972	2,042	30	366	29,97
116076200*	76,1 x 2,0	72,1	6	3,711	4,080	6	114	55,17
116088200*	88,9 x 2,0	84,9	6	4,352	5,660	6	114	63,88
116108200*	108 x 2,0	104	6	5,308	8,490	6	114	78,57

(*) DN 76,1-88-108 Solo DVGW-OVGW - Only DVGW-OVGW - Nur DVGW-OVGW - Seulement DVGW-OVGW - Sólo DVGW-OVGW

**181/450 G**

≤54 B 10 13

≥76 B 10 14

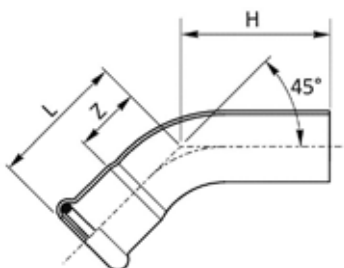
CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm			€
181015450G	15	36	16	50	4	11,90
181018450G	18	37	17	64	4	13,18
181022450G	22	41	20	82	4	15,31
181028450G	28	47	24	112	4	18,41
181035450G	35	43	17	127	1	21,03
181042450G	42	51	21	177	1	34,07
181054450G	54	62	30	273	1	43,75
181076450G*	76,1	131,5	76,5	900	1	147,94
181088450G*	88,9	144	84	1250	1	176,27
181108450G*	108	169	94	1700	1	240,37

[*] DN 76,1-88,9-108 Solo DVGW-OVGW - Only DVGW-OVGW - Nur DVGW-OVGW - Seulement DVGW-OVGW - Sólo DVGW-OVGW

**181/451 G**

≤54 B 10 13

≥76 B 10 14

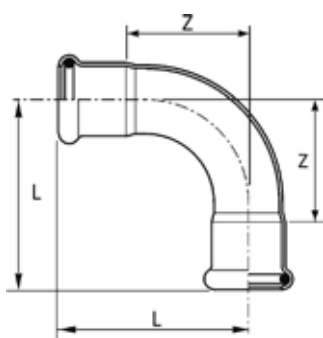
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	H mm	Z mm			€
181015451G	15	36	49	16	50	4	11,90
181018451G	18	37	43	17	64	4	12,75
181022451G	22	41	48	20	82	4	14,45
181028451G	28	47	54,5	22	112	4	17,19
181035451G	35	43	57,5	17	132	1	19,59
181042451G	42	51	72	21	196	1	32,82
181054451G	54	62	82	26	296	1	42,06
181076451G*	76,1	131,5	149	76,5	900	1	135,73
181088451G*	88,9	144	159	84	1250	1	162,03
181108451G*	108	169	199	94	1700	1	221,29

[*] DN 76,1-88,9-108 Solo DVGW-OVGW - Only DVGW-OVGW - Nur DVGW-OVGW - Seulement DVGW-OVGW - Sólo DVGW-OVGW

**181/900 G**

≤54 B 10 13

≥76 B 10 14

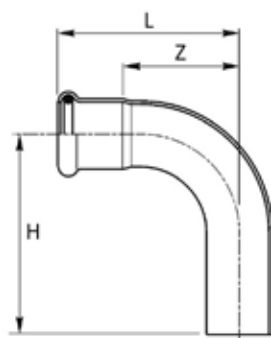
CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm			€
181015900G	15	50	30	58	4	9,09
181018900G	18	54	34	72	4	10,40
181022900G	22	60	39	102	4	12,55
181028900G	28	73	50	143	4	16,72
181035900G	35	68	42	162	1	26,17
181042900G	42	80	50	231	1	44,95
181054900G	54	100	64	367	1	62,69
181076900G*	76,1	160	105	1150	1	150,51
181088900G*	88,9	182	122	1580	1	183,08
181108900G*	108	220	145	2250	1	249,74

(*) DN 76,1-88,9-108 Solo DVGW-OVGW - Only DVGW-OVGW - Nur DVGW-OVGW - Seulement DVGW-OVGW - Sólo DVGW-OVGW

**181/901 G**

≤54 B 10 13

≥76 B 10 14

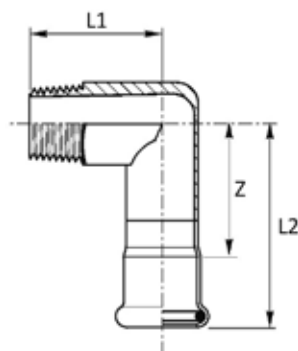
CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	H mm	Z mm			€
181015901G	15	50	63	30	58	4	9,53
181018901G	18	54	63	34	72	4	10,83
181022901G	22	60	71	39	102	4	12,99
181028901G	28	73	81	50	143	4	16,28
181035901G	35	68	82	42	176	1	23,97
181042901G	42	80	101	50	253	1	43,51
181054901G	54	100	120	64	390	1	63,05
181076901G*	76,1	160	180	105	1150	1	154,80
181088901G*	88,9	182	197	122	1580	1	188,31
181108901G*	108	220	236	145	2250	1	256,86

(*) DN 76,1-88,9-108 Solo DVGW-OVGW - Only DVGW-OVGW - Nur DVGW-OVGW - Seulement DVGW-OVGW - Sólo DVGW-OVGW

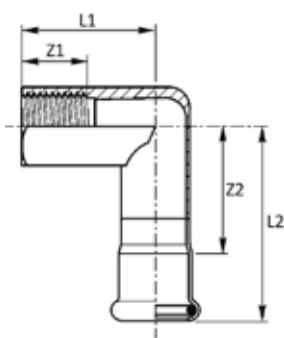
**197 G****B 1013****GOMITO MISTO 90° FILETTO M**

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo – yellow – Gelb – jaune – amarillo**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm			€
197102015G	15 x 1/2"	37	57	37	94	4	16,77
197102018G	18 x 1/2"	37	57	38	105	4	18,17
197304022G	22 x 3/4"	39	61	40	149	4	23,32
197304028G	28 x 3/4"	39	61	38	230	4	34,46
197100028G	28 x 1"	44	68	45	246	4	30,13
197114035G	35 x 1 1/4"	49	75	49	378	1	43,27
197112042G	42 x 1 1/2"	54	84	54	468	1	76,94
197200054G	54 x 2"	60	95	60	720	1	97,71

NUOVO CODICE / NEW CODE 197304028G

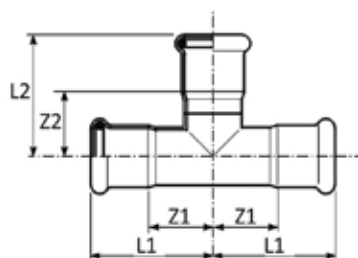
**198 G****B 1013****GOMITO MISTO 90° FILETTO F**

- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo – yellow – Gelb – jaune – amarillo**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm			€
198102015G	15 x 1/2"	38	57	15	37	104	4	19,22
198102018G	18 x 1/2"	39	58	15	38	120	4	22,09
198304022G	22 x 3/4"	46	61	19	40	172	4	26,95
198102028G	28 x 1/2"	44	62	15	39	200	4	26,28
198100028G	28 x 1"	54	68	19	45	304	4	35,18
198114035G	35 x 1 1/4"	63	75	21	49	420	1	57,98
198112042G	42 x 1 1/2"	70,5	84	27	54	480	1	63,15
198200054G	54 x 2"	80	95	32	60	730	1	69,90

NUOVI CODICI / NEW CODES 198112042G – 198200054G


182 G
"T"

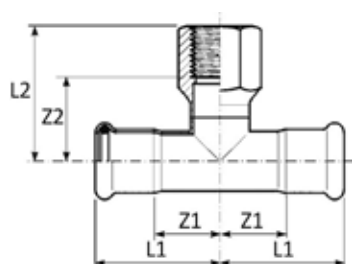
- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: AISI 316L – 1.4404
O-RING: NBR-HNBR giallo - yellow - Gelb - jaune - amarillo

≤54	B 10 13
≥76	B 10 14

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	 g		€
182015000G	15	34	39	14	19	67	4	14,78
182018000G	18	37	41	16	21	80	4	17,29
182022000G	22	39	45	18	24	106	4	18,54
182028000G	28	44	50	21	27	145	4	22,62
182035000G	35	51	57	25	31	201	1	28,19
182042000G	42	59	65	28	35	260	1	39,86
182054000G	54	70	77	34	42	404	1	47,53
182076000G*	76,1	108	118	52	63	1275	1	273,36
182088000G*	88,9	132	131	72	71	1535	1	299,32
182108000G*	108	155	159	74	84	2115	1	368,92

(*) DN 76,1-88,9-108 Solo DVGW-OVGW - Only DVGW-OVGW - Nur DVGW-OVGW - Seulement DVGW-OVGW - Sólo DVGW-OVGW

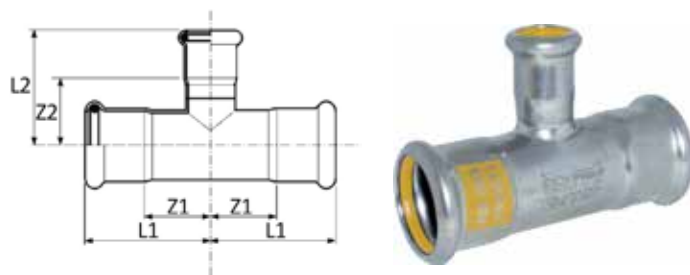
**189 G**≤54 **B 10 13**≥76 **B 10 14****"T" CON DERIVAZIONE
FILETTO F**

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: AISI 316L - 1.4404**O-RING:** NBR-HNBR giallo - yellow - Gelb -
jaune - amarillo**THREAD:** EN 10226-1 [ex ISO 7/1]

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	 g		€
189102015G	15 x 1/2" x 15	34	40	13	25	90	4	16,55
189102018G	18 x 1/2" x 18	37	42	16	27	101	4	16,98
189304018G	18 x 3/4" x 18	37	45	16	28	122	4	19,20
189102022G	22 x 1/2" x 22	39	44	18	29	138	4	18,68
189304022G	22 x 3/4" x 22	39	47	18	31	143	4	21,32
189102028G	28 x 1/2" x 28	44	47	21	32	169	4	20,56
189304028G	28 x 3/4" x 28	44	50	21	33	185	4	24,43
189102035G	35 x 1/2" x 35	51	51	25	36	197	1	24,63
189304035G	35 x 3/4" x 35	51	54	25	37	205	1	29,86
189102042G	42 x 1/2" x 42	59	54	29	39	271	1	29,86
189304042G	42 x 3/4" x 42	59	57	29	41	277	1	32,72
189102054G	54 x 1/2" x 54	70	61	34	46	377	1	36,11
189304054G	54 x 3/4" x 54	70	64	34	48	391	1	39,13
189200054G	54 x 2" x 54	70	81	34	55	838	1	78,65
189304076G*	76,1 x 3/4" x 76,1	108	77	52	60	1040	1	236,95
189200076G*	76,1 x 2" x 76,1	108	93	52	67	1495	1	259,10
189304088G*	88,9 x 3/4" x 88,9	132	84	72	67	1255	1	255,63
189200088G*	88,9 x 2" x 88,9	132	100	72	74	1720	1	269,07
189304108G*	108 x 3/4" x 108	155	94	74	77	1700	1	313,28
189200108G*	108 x 2" x 108	155	110	74	84	2160	1	332,13

[*] DN 76,1-88,9-108 Solo DVGW-OVGW - Only DVGW-OVGW - Nur DVGW-OVGW - Seulement DVGW-OVGW - Sólo DVGW-OVGW

**192 G**

≤54 B 10 13

≥76 B 10 14

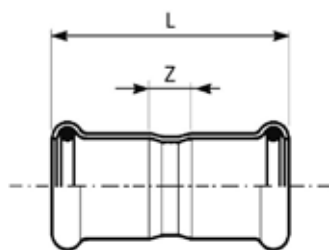
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm			€
192018015G	18 x 15 x 18	37	41	16	21	80	4	14,84
192022015G	22 x 15 x 22	39	43	18	23	95	4	15,52
192022018G	22 x 18 x 22	39	44	18	23	98	4	16,33
192028015G	28 x 15 x 28	44	46	21	26	126	4	18,74
192028018G	28 x 18 x 28	44	46	21	26	130	4	19,63
192028022G	28 x 22 x 28	44	47	21	26	135	4	20,93
192035015G	35 x 15 x 35	51	49	25	29	158	1	24,43
192035018G	35 x 18 x 35	51	50	25	30	163	1	24,78
192035022G	35 x 22 x 35	51	51	25	30	167	1	25,53
192035028G	35 x 28 x 35	51	54	25	31	171	1	26,57
192042022G	42 x 22 x 42	59	54	29	33	237	1	36,60
192042028G	42 x 28 x 42	59	57	29	34	243	1	37,44
192042035G	42 x 35 x 42	59	61	29	35	272	1	38,27
192054022G	54 x 22 x 54	70	62	34	41	340	1	40,38
192054028G	54 x 28 x 54	70	65	34	42	345	1	42,06
192054035G	54 x 35 x 54	70	68	34	42	361	1	42,89
192054042G	54 x 42 x 54	70	72	34	42	376	1	45,00
192076054G*	76,1 x 54 x 76,1	108	90	52	55	1065	1	285,48
192088054G*	88,9 x 54 x 88,9	132	97	72	62	1280	1	292,22
192088076G*	88,9 x 76,1 x 88,9	132	125	72	70	1485	1	311,66
192108076G*	108 x 76,1 x 108	155	135	74	80	1930	1	333,68
192108088G*	108 x 88,9 x 108	155	141	74	81	1965	1	385,46

(*) DN 76,1-88,9-108 Solo DVGW-OVGW - Only DVGW-OVGW - Nur DVGW-OVGW - Seulement DVGW-OVGW - Sólo DVGW-OVGW

**183/000 G**

≤54 B 10 13

≥76 B 10 14

MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo – yellow – Gelb – jaune – amarillo

CODE	De mm	L mm	Z mm			€
183015000G	15	49	9	35	4	6,18
183018000G	18	50	10	42	4	7,04
183022000G	22	53	11	54	4	8,11
183028000G	28	56	10	71	4	9,26
183035000G	35	63	10	97	1	11,73
183042000G	42	72	12	136	1	15,89
183054000G	54	83	13	198	1	19,27
183076000G*	76,1	142	32	635	1	95,11
183088000G*	88,9	166	46	765	1	108,65
183108000G*	108	203	41	1170	1	138,19

[*] DN 76,1-88,9-108 Solo DVGW-OVGW – Only DVGW-OVGW – Nur DVGW-OVGW – Seulement DVGW-OVGW – Sólo DVGW-OVGW

**183/001 G**

≤54 B 10 13

≥76 B 10 14

MANICOTTO PASSANTE

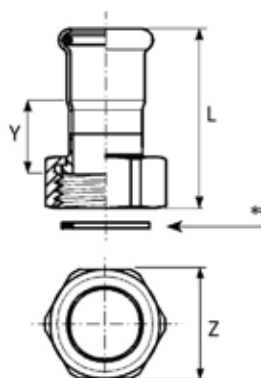
- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo – yellow – Gelb – jaune – amarillo

CODE	De mm	L mm	es			€
183015001G	15	69	25	56	4	11,69
183018001G	18	73	25	65	4	12,19
183022001G	22	79	25	85	4	14,15
183028001G	28	88,5	30	118	4	16,57
183035001G	35	102,5	30	141	1	18,97
183042001G	42	117,5	40	234	1	22,07
183054001G	54	139	40	321	1	28,24
183076001G*	76,1	230	60	940	1	265,54
183088001G*	88,9	260	70	1240	1	301,72
183108001G*	108	310	80	1835	1	373,24

[*] DN 76,1-88,9-108 Solo DVGW-OVGW – Only DVGW-OVGW – Nur DVGW-OVGW – Seulement DVGW-OVGW – Sólo DVGW-OVGW

B 10 13

**183/002 G****MANICOTTO CON DADO FOLLE**

- VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD ÉCROU LIBRE
- RÁCOR DOS PIEZAS

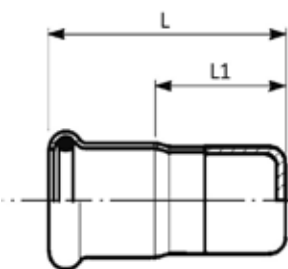
MATERIAL: AISI 316L - 1.4404**O-RING:** NBR-HNBR giallo - yellow - Gelb - jaune - amarillo**GASKET:** (*): NBR giallo - yellow - Gelb - jaune - amarillo**THREAD:** ISO 228/1 (ex DIN 259)

CODE	Dex G mm x inch	L mm	Z mm	Y mm	Gasket mm			€
183015012G	15 x 1/2"	48,5	27	23	18x10 thk 2,5	83	4	17,75
183015002G	15 x 3/4"	56	30	26	24x14 thk 2,5	66	4	18,29
183018012G	18 x 1/2"	49	27	23,5	18x10 thk 2,5	91	4	19,63
183018002G	18 x 3/4"	50	30	23	24x14 thk 2,5	65	4	20,06
183022012G	22 x 3/4"	50	30	19,5	24x14 thk 2,5	78	4	23,54
183022002G	22 x 1"	52	35	23	30x20 thk 2,5	87	4	23,53
183028012G	28 x 1"	52	36	19,5	30x20 thk 2,5	105	4	29,20
183028002G	28 x 1 1/4"	57	46	25	39x27 thk 2,5	136	4	29,20
183035012G	35 x 1 1/4"	57,5	46	20,5	39x27 thk 2,5	163	1	33,14
183035002G	35 x 1 1/2"	63	52	26	44,5x34 thk 2,5	186	1	33,14
183042012G	42 x 1 3/4"	68	58	27	50,5x40 thk 2,5	223	1	44,73
183042022G	42 x 1 1/2"	63,5	52	21	44,5x34 thk 2,5	217	1	44,73
183042002G	42 x 2"	68	64	27	56x42 thk 2,5	266	1	58,82
183054022G	54 x 2"	72	67	23	56x42 thk 2,5	301	1	53,87
183054012G	54 x 2 3/8"	77	75	30	65,5x53,5 thk 3	375	1	60,17
183054002G	54 x 2 1/2"	77	81	30	71,5x53 thk 3	439	1	84,12

NUOVI CODICI / NEW CODES 183015002G - 183018002G - 183022002G - 183028002G - 183035002G - 183042012G - 183042002G - 183054012G - 183054002G

≤54 B 10 13

≥76 B 10 14

**183/003 G****TAPPO DI CHIUSURA**

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

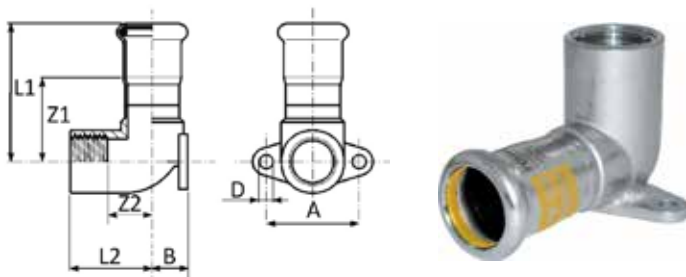
MATERIAL: AISI 316L - 1.4404**O-RING:** NBR-HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	L1 mm			€
183015003G	15	44	24	32	4	7,52
183018003G	18	44	24	38	4	7,83
183022003G	22	45	24	51	4	8,77
183028003G	28	48	25	68	4	12,52
183035003G	35	52	26	95	1	14,28
183042003G	42	56	26	126	1	23,11
183054003G	54	62	27	185	1	27,26
183076003G*	76,1	93	38	540	1	51,86
183088003G*	88,9	99	39	630	1	63,04
183108003G*	108	117	42	935	1	79,87

(*) DN 76,1-88,9-108 Solo DVGW-OVGW - Only DVGW-OVGW - Nur DVGW-OVGW - Seulement DVGW-OVGW - Sólo DVGW-OVGW

NUOVI CODICI / NEW CODES 183076003G - 183088003G - 183108003G

B 1013

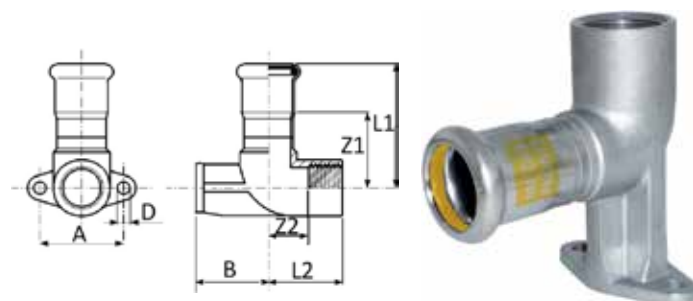
**185/000 G****GOMITO MISTO 90° FF**

- WALL PLATE ELBOW 90° FF
- DECKENWINKEL 90° I/I
- EQUERRE 90° FF
- CODO PLACA HH

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo – yellow – Gelb – jaune – amarillo**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm			€
185102015G	15 x 1/2"	50	30	30	17	34	13	5	98	4	21,89
185102018G	18 x 1/2"	51	30	31	17	34	13	5	109	4	22,72
185304022G	22 x 3/4"	55	34	34	19	40	17	6	166	4	32,66

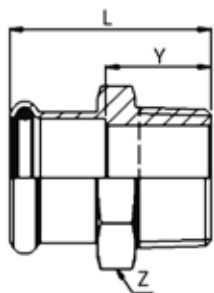
B 1013

**185/001 G****GOMITO MISTO 90° FF CON DISTANZIALE**

- EXTENSION WALL PLATE ELBOW 90° FF
- DECKENWINKEL 90°/W – I/I
- EQUERRE 90° FF AVEC SUPPORT D'AVANCEMENT
- CODO PLACA HH CON ESPACIADOR

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo – yellow – Gelb – jaune – amarillo**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm			€
185100122G	22 x 1"	59	35	38	15	50	30	6,5	252	4	36,29
185100128G	28 x 1"	62	35	39	15	50	30	6,5	264	4	36,29

**187 G****MANICOTTO MISTO
FILETTO M**

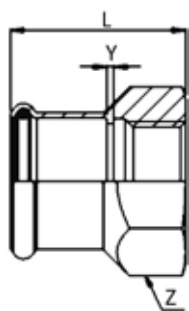
- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: NBR–HNBR giallo – yellow – Gelb –
jaune – amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

≤54 **B 10 13**
≥76 **B 10 14**

CODE	De x R mm x inch	L mm	Z mm	Y mm			€
187308015G	15 x 3/8"	38	24	18	46	4	14,74
187102015G	15 x 1/2"	41	24	21	54	4	15,24
187304015G	15 x 3/4"	43	30	23	101	4	15,48
187102018G	18 x 1/2"	41	27	21	58	4	16,59
187304018G	18 x 3/4"	44	30	24	94	4	17,00
187102022G	22 x 1/2"	42	32	21	83	4	18,04
187304022G	22 x 3/4"	44	32	23	89	4	18,67
187100022G	22 x 1"	46	36	25	154	4	22,22
187304028G	28 x 3/4"	47	38	24	114	4	25,33
187100028G	28 x 1"	48	38	25	123	4	26,92
187114028G	28 x 1 1/4"	53	46	30	248	4	32,92
187100035G	35 x 1"	52	45	25	173	1	30,60
187114035G	35 x 1 1/4"	55	46	28	180	1	35,59
187112035G	35 x 1 1/2"	55	50	28	278	1	41,96
187114042G	42 x 1 1/4"	59	54	28	240	1	47,68
187112042G	42 x 1 1/2"	59	55	28	236	1	51,71
187112054G	54 x 1 1/2"	65	65	29	356	1	69,02
187200054G	54 x 2"	71	65	35	362	1	72,65
187212076G*	76,1 x 2 1/2"	124	80	69	780	1	303,90
187300088G*	88,9 x 3"	138	95	78	1135	1	454,05
187400108G*	108 x 4"	163	115	88	1728	1	522,70

[*] DN 76,1-88,9-108 Solo DVGW-OVGW – Only DVGW-OVGW – Nur DVGW-OVGW – Seulement DVGW-OVGW – Sólo DVGW-OVGW



190 G

B 10 13

MANICOTTO MISTO FILETTO F

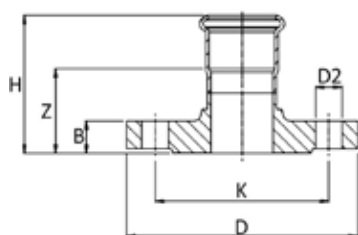
- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: AISI 316L - 1.4404

O-RING: NBR-HNBR giallo - yellow - Gelb - jaune - amarillo

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm			€
190102015G	15 x 1/2"	38	27	2	64	4	16,41
190304015G	15 x 3/4"	39	32	2	75	4	17,14
190102018G	18 x 1/2"	38	27	2	89	4	17,31
190304018G	18 x 3/4"	39	32	2	80	4	18,13
190102022G	22 x 1/2"	39	32	2	99	4	18,39
190304022G	22 x 3/4"	40	32	2	82	4	21,55
190100022G	22 x 1"	43	41	2	148	4	25,48
190304028G	28 x 3/4"	42	38	2	130	4	24,61
190100028G	28 x 1"	45	41	2	158	4	33,73
190114028G	28 x 1 1/4"	48	46	2	148	4	37,44
190100035G	35 x 1"	49	46	2	216	1	32,43
190114035G	35 x 1 1/4"	52	46	2	170	1	36,78
190112035G	35 x 1 1/2"	52	55	2	284	1	42,07
190114042G	42 x 1 1/4"	56	55	2	259	1	41,62
190112042G	42 x 1 1/2"	56	55	2	243	1	57,35
190112054G	54 x 1 1/2"	60	65	1	420	1	62,46
190200054G	54 x 2"	65	65	2	314	1	85,39



193 G

≤54 B 10 13

≥76 B 10 14

MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

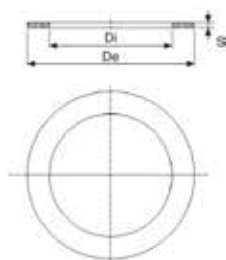
MATERIAL: AISI 316L - 1.4404

O-RING: NBR-HNBR giallo - yellow - Gelb - jaune - amarillo

PN 16

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm			€
193015000G	15	15	55	35	14	95	14	4	65	660	1	56,13
193018000G	18	15	55,5	35,5	14	95	14	4	65	660	1	57,69
193022000G	22	20	58,5	37,5	16	105	14	4	75	945	1	67,08
193028000G	28	25	61,5	38,5	16	115	14	4	85	1140	1	82,03
193035000G	35	32	65,5	39,5	16	140	18	4	100	1640	1	115,77
193042000G	42	40	69	39	16	150	18	4	110	1800	1	135,82
193054000G	54	50	78	42	18	165	18	4	125	2450	1	167,48
193076000G*	76,1	65	105	50	18	185	18	4	145	3175	1	277,61
193088000G*	88,9	80	116	56	20	200	18	8	160	3930	1	331,23
193108000G*	108	100	132	57	20	220	18	8	180	4700	1	394,30

(*) DN 76,1-88,9-108 Solo DVGW-OVGW - Only DVGW-OVGW - Nur DVGW-OVGW - Seulement DVGW-OVGW - Sólo DVGW-OVGW
 NUOVI CODICI / NEW CODES 193015000G - 193018000G



NEW

434/PN10-16 GAS**R 30 30****GUARNIZIONE ECOLOGICA PER FLANGE**

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLOGICA PARA BRIDA

**PN
10/16**

NORM: EN 1092-1
MATERIAL: NA 1100 - asbestos free

CODE	DN	De mm	Di mm	S mm			€
434015000G	15 - (1/2")	50	20	2	6	10	1,61
434020000G	20 - (3/4")	60	25	2	8	10	2,03
434025000G	25 - (1")	70	30	2	10	10	2,59
434032000G	32 - (1 1/4")	82	38	2	14	10	3,15
434040000G	40 - (1 1/2")	92	45	2	17	10	4,20
434050000G	50 - (2")	108	57	2	22	10	5,18
434065000G	65 - (2 1/2")	127	76	2	27	10	6,72
434080000G	80 - (3")	142	89	2	30	10	8,05
434100000G	100 - (4")	162	108	2	38	10	9,45

NA 1100 - esente amianto: fibre di carbonio e grafite legate con gomma NBR indicata per uso universale con alte temperature e pressioni elevate.

IMPIEGHI: adatta per la tenuta con i derivati del petrolio, acqua, vapori saturi, solventi, gas e prodotti chimici in generale

LIMITI DI IMPIEGO ORIENTATIVI

Standard 250°C / 70 bar

Vapore saturo 250°C / 40 bar

Massimi 450°C / 130 bar

OMOLOGAZIONI: DVGW per tenuta gas secondo DIN 3535 p. 6 - KTW per guarnizioni a contatto con acqua potabile

NA 1100 - asbestos-free: carbon fibers and graphite bonded with NBR rubber suitable for universal use with high temperatures and high pressures.

APPLICATIONS: suitable for sealing with petroleum derivatives, water, saturated steam, solvents, gases and chemical products in general.

GUIDELINE LIMITS

Standard 250° C / 70 bar

Saturated steam 250° C / 40 bar

Maximum 450° C / 130 bar

APPROVALS: DVGW for gas -DIN 3535 p. 6 - KTW for gaskets in contact with drinking water

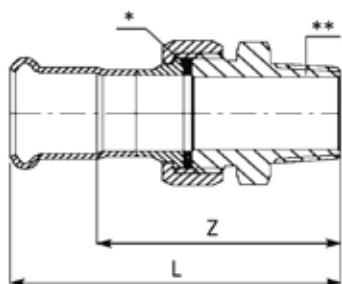
B 10 13

NEW

184/002 G

BOCCHETTONE SEDE PIANA FILETTO M

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSERGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: AISI 316L - 1.4404**FITTING:** [**]: ottone - brass - Messing - laiton - latón**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo**GASKET:** [*]: NBR giallo - yellow - Gelb - jaune - amarillo**THREAD:** EN 10226-1 [ex ISO 7/1]

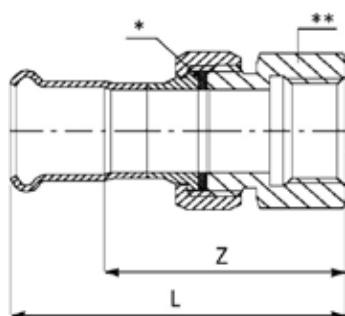
CODE	De x R mm x inch	L mm	Z mm	Gasket mm			€
184015002G	15 x 1/2"	76	56	24x14 thk 2,5	142	4	31,20
184018002G	18 x 1/2"	77	56	24x14 thk 2,5	144	4	35,52
184022122G	22 x 1/2"	79	54	30x20 thk 2,5	199	4	36,59
184022002G	22 x 3/4"	81	59	30x20 thk 2,5	202	4	36,59
184028342G	28 x 3/4"	87	64	39x27 thk 2,5	370	4	59,89
184028002G	28 x 1"	90	67	39x27 thk 2,5	364	1	59,89
184035002G	35 x 1 1/4"	101	74	44,5x34 thk 2,5	540	1	76,42
184042002G	42 x 1 1/2"	105	74	50,5x40 thk 2,5	563	1	87,75
184054002G	54 x 2"	118	83	65,5x53,5 thk 3	823	1	150,74

NEW

184/003 G

BOCCHETTONE SEDE PIANA FILETTO F

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L - 1.4404**FITTING:** [**]: ottone - brass - Messing - laiton - latón**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo**GASKET:** [*]: NBR giallo - yellow - Gelb - jaune - amarillo**THREAD:** EN 10226-1 [ex ISO 7/1]

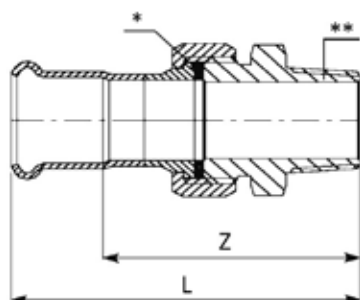
CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm			€
184015003G	15 x 1/2"	71	50	24x14 thk 2,5	140	4	31,20
184018003G	18 x 1/2"	72	51	24x14 thk 2,5	145	4	37,61
184022123G	22 x 1/2"	75	54	30x20 thk 2,5	253	4	40,87
184022003G	22 x 3/4"	76	54	30x20 thk 2,5	213	4	40,87
184028343G	28 x 3/4"	83	60	39x27 thk 2,5	483	4	51,64
184028003G	28 x 1"	83	60	39x27 thk 2,5	404	4	51,64
184035003G	35 x 1 1/4"	93	66	44,5x34 thk 2,5	486	1	64,03
184042003G	42 x 1 1/2"	97	66	50,5x40 thk 2,5	536	1	79,54
184054003G	54 x 2"	116	81	65,5x53,5 thk 3	1091	1	151,77

B 10 13

NEW

184/002 INOX G**BOCCHETTONE SEDE PIANA FILETTO M**

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: AISI 316L – 1.4404**FITTING:** [**]: AISI 316L – 1.4404**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo**GASKET:** [*]: NBR giallo - yellow - Gelb - jaune - amarillo**THREAD:** EN 10226-1 (ex ISO 7/1)

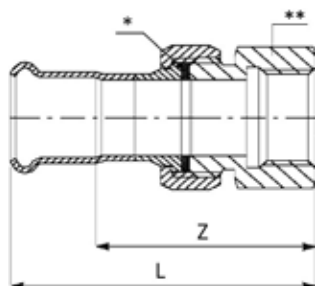
CODE	De x R mm x inch	L mm	Z mm	Gasket mm			€
184015002IG	15 x 1/2"	77	56	24x14 thk 2,5	137	4	39,00
184018002IG	18 x 1/2"	77	56	24x14 thk 2,5	139	4	44,40
184022002IG	22 x 3/4"	81	59	30x20 thk 2,5	194	4	45,73
184028002IG	28 x 1"	90	67	39x27 thk 2,5	350	4	74,86
184035002IG	35 x 1 1/4"	101	74	44,5x34 thk 2,5	518	1	95,53

B 10 13

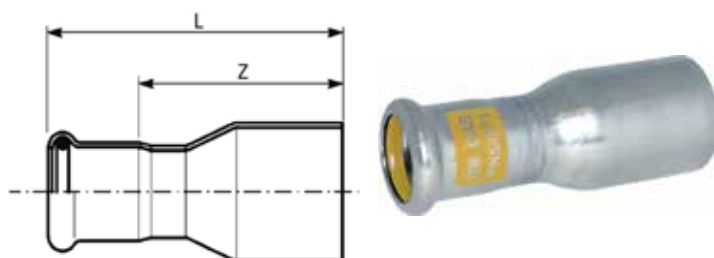
NEW

184/003 INOX G**BOCCHETTONE SEDE PIANA FILETTO F**

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L – 1.4404**FITTING:** [**]: AISI 316L – 1.4404**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo**GASKET:** [*]: NBR giallo - yellow - Gelb - jaune - amarillo**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm			€
184015003IG	15 x 1/2"	71	50	24x14 thk 2,5	135	4	39,00
184018003IG	18 x 1/2"	72	51	24x14 thk 2,5	140	4	47,01
184022003IG	22 x 3/4"	76	54	30x20 thk 2,5	206	4	51,12
184028003IG	28 x 1"	83	60	39x27 thk 2,5	387	4	64,55
184035003IG	35 x 1 1/4"	93	66	44,5x34 thk 2,5	467	1	80,05

**191 G**

≤54 B 10 13

≥76 B 10 14

RIDUZIONE MF

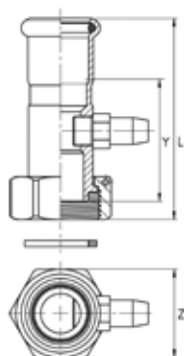
- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR-HNBR giallo – yellow – Gelb – jaune – amarillo

CODE	De mm	L mm	Z mm	 g		€
191018015G	18 x 15	57	37	35	4	7,15
191022015G	22 x 15	64	44	43	4	7,81
191022018G	22 x 18	60	40	47	4	8,08
191028015G	28 x 15	76,5	56,5	50	4	8,95
191028018G	28 x 18	75	55	54	4	9,14
191028022G	28 x 22	65	42,5	58	4	9,42
191035015G	35 x 15	84	64	69	1	34,71
191035018G	35 x 18	81	61	87	1	35,13
191035022G	35 x 22	70	49	90	1	11,43
191035028G	35 x 28	71	48	98	1	14,13
191042015G	42 x 15	87	67	103	1	35,88
191042018G	42 x 18	87	67	108	1	35,99
191042022G	42 x 22	97	76	120	1	37,27
191042028G	42 x 28	93	70	127	1	38,12
191042035G	42 x 35	81	55	138	1	15,66
191054015G	54 x 15	98	78	148	1	39,80
191054018G	54 x 18	98	78	161	1	39,86
191054022G	54 x 22	99	78	169	1	41,99
191054028G	54 x 28	108,5	85,5	180	1	43,70
191054035G	54 x 35	108	82	192	1	54,41
191054042G	54 x 42	97,5	67,5	210	1	17,14
191076054G*	76,1 x 54	148	112	480	1	82,26
191088054G*	88,9 x 54	161	125	585	1	89,48
191088076G*	88,9 x 76,1	184	129	675	1	121,59
191108076G*	108 x 76,1	203	148	900	1	125,20
191108088G*	108 x 88,9	210	150	1050	1	139,44

[*] DN 76,1-88,9-108 Solo DVGW-OVGW – Only DVGW-OVGW – Nur DVGW-OVGW – Seulement DVGW-OVGW – Sólo DVGW-OVGW

B 10 13



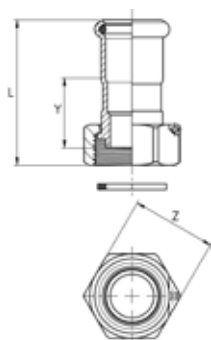
NEW

183/GP G**RACCORDO 2 PEZZI CON PRESA DI PRESSIONE**

- 2 PCS VALVE CONNECTOR PRESSION OUTLET
- ANSCHLU.2P/DRUCKAUSGANG
- RACCORD 2P AVEC SORTIE PRESSION
- RÁCOR 2P PRECINTABLE C/PURGADOR

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo**GASKET:** NBR nero - black - Schwarz - noir - negro**THREAD:** ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Y mm			€
183015304GP	15 x 3/4"	70	29	44	112	4	29,53
183015708GP	15 x 7/8"	74	34	47	160	4	33,50
183018304GP	18 x 3/4"	70	29	44,5	114	4	30,10
183018708GP	18 x 7/8"	74,5	34	47,5	156	4	34,05
183022304GP	22 x 3/4"	69,5	29	43	120	4	31,03
183022708GP	22 x 7/8"	73,5	34	45,5	149	4	34,82



NEW

183/GD G**RACCORDO 2 PEZZI CON DADO FOLLE**

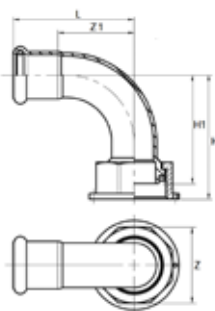
- 2 PCS VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD 2 PC/ÉCROU LIBRE
- RÁCOR 2P PRECINTABLE

MATERIAL: AISI 316L – 1.4404**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo**GASKET:** NBR nero - black - Schwarz - noir - negro**THREAD:** ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Y mm			€
183015020GD	15 x M20	51	24	24	54	4	19,84
183015102GD	15 x 1/2"	49	24	24	53	4	19,39
183018102GD	18 x 1/2"	48	24	23,5	56	4	19,95
183018304GD	18 x 3/4"	52	29	27,5	74	4	22,28
183018708GD	18 x 7/8"	55	34	28	98	4	30,21
183022304GD	22 x 3/4"	51,5	29	26	79	4	23,25
183022708GDA	22 x 7/8"	56,5	34	28,5	108	4	25,59
183028708GDA	28 x 7/8"	57	34	27	116	4	26,83
183028100GD	28 x 1"	58	36	28	119	4	27,76
183035114GD	35 x 1 1/4"	62,5	45	28,5	180	1	32,67
183042112GD	42 x 1 1/2"	73	52	33	266	1	40,93
183054200GD	54 x 2"	81	64	34,5	417	1	52,68

B 10 13

B 10 13



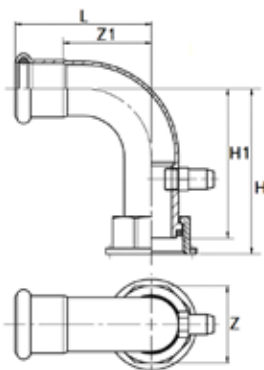
NEW

183/GC G**RACCORDO CURVO 90° 2 PEZZI**

- 2 PCS VALVE CONNECTOR 90°
- ANSCHLUSSVERSCHRAUBUNG 90°
- RACCORD ÉCROU LIBRE 90° 2PC
- RÁCOR 90° 2P PRECINTABLE

MATERIAL: AISI 316L - 1.4404**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo**GASKET:** NBR nero - black - Schwarz - noir - negro**THREAD:** ISO 228/1 [ex DIN 259]

CODE	De x G mm x inch	L mm	Z mm	Z1 mm	H mm	H1 mm			€
183018708GC	18 x 7/8"	54	34	34	52,5	45,5	126	4	38,90
183022708GC	22 x 7/8"	60	34	39	59	52	149	4	37,80



NEW

183/GCP G**RACCORDO CURVO 90° 2 PEZZI CON PRESA PRESSIONE**

- 2 PCS VALVE CONNECTOR 90° PRESSION OUTLET
- ANSCHLUSSVERSCHRAUBUNG 90° MIT DRUCKAUSGANG
- RACCORD ÉCROU LIBRE 90° 2PC AVEC SORTIE PRESSION
- RÁCOR 90° 2P PRECINTABLE C/PURGADOR

MATERIAL: AISI 316L - 1.4404**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo**GASKET:** NBR nero - black - Schwarz - noir - negro**THREAD:** ISO 228/1 [ex DIN 259]

B 10 13

CODE	De x G mm x inch	L mm	Z mm	Z1 mm	H mm	H1 mm			€
183018708GCP	18 x 7/8"	54	34	34	72	65	184	4	43,02
183022708GCP	22 x 7/8"	60	34	39	76	69	190	4	46,43



inoxPRES® GAS **Guarnizione / Gasket NBR**
Nero | Black | Schwarz | Noir | Negro

Particolare sede tenuta attacco contatore
 Particular seal of gas meter fitting
 art. 183/GP G - 183/GD G - 183/GC G - 183/GC G

B 10 13

185/CON**PIASTRA SUPPORTO CONTATORE**

- SUPPORT PLATE FOR GAS METER
- GASZÄHLERANSCHLUSS-GRUNDPLATTE
- SUPPORT DE COMPTEUR À GAZ
- SOPORTE CONTADOR DA GAS

CODE	Dimensions mm x mm			€
185000CONG	90 x 345	535	1	23,33

Certificazioni / Certifications

		SYSTÈMES DE CANALISATIONS DE DISTRIBUTION D'EAU - SYSTÈME STEELPRES	79 - 1975	Ø 15 - 108 mm
		Tube fittings - Steelpres	P-14757	Ø 15 - 108 mm
		STEELPRES PRESSFITTINGSYSTEM	POCC IT.MH08.H26536	Ø 15 - 108 mm
		HORGANYZOTT ACÉL CSÖVEK ÉS PRÉSIDOMOK STEELPRES PVC BEVONATOS HORGANYZOTT ACÉL CSÖVEK	A-2156/2012	Ø 15 - 108 mm
		LACZNIKI ZAPRASOWYWANE ZE STALI SYSTEMU INOXPRES I STEELPRES DO LACZENIA RUR ZE STALI	AT-15-7863/2014	Ø 15 - 108 mm
		DAU 11/073 STEELPRES	DAU 11 - 073	Ø 15 - 108 mm
		SYSTEM OF STEEL PIPES AND STEEL COMPRESSION FITTINGS STEELPRES	B-30-00055-11 Rev.1	Ø 15 - 108 mm
		SYSTÉM OCEL'OVÝCH RÚR A OCEL'OVÝCH LISOVACÍCH TVAROVIEK STEELPRES	0026/104/2011	Ø 15 - 108 mm
		STEELPRES, PIPING SYSTEM AND FITTING	15-GE1329696-PDA	Ø 15 - 108 mm

Campi di applicazione / Fields of application




Riscaldamento
Heating



Raffrescamento
Cooling



Solare termico
con O-Ring FKM
Solar Thermal
With FKM O-Ring

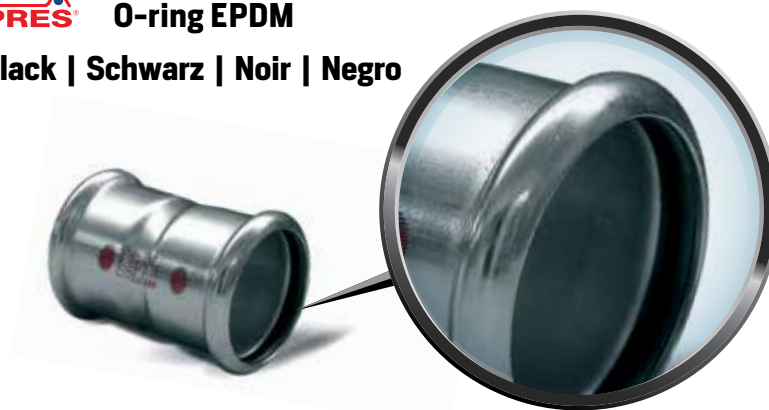


Aria compressa
Compressed Air



Antincendio
Fire Protection Systems

steelPRES® O-ring EPDM
Nero | Black | Schwarz | Noir | Negro





316/005

**ZINCATO
ESTERNAMENTE**

- OUTSIDE GALVANIZED
- AUSSEN VERZINKT
- GALVANISÉS EXTÉRIEUR
- GALVANIZADO EXTERIOR

≤54 B 40 41

≥76 B 40 42

Mat. Nr.: 1.0215 (E 220 CR2S4)

CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m	€
316012005	12 x 1,2	9,6	6	0,320	0,072	150	1014	1,93
316015005	15 x 1,2	12,6	6	0,408	0,125	120	1014	2,14
316018005	18 x 1,2	15,6	6	0,497	0,191	90	1014	2,32
316022005	22 x 1,5	19	6	0,824	0,284	60	762	3,56
316028005	28 x 1,5	25	6	1,052	0,491	60	546	4,68
316035005	35 x 1,5	32	6	1,320	0,804	30	546	5,97
316042005	42 x 1,5	39	6	1,620	1,194	30	366	7,00
316054005	54 x 1,5	51	6	2,089	2,042	30	366	9,73
316076005	76,1 x 2,0	72,1	6	3,652	4,080	on request	114	22,52
316088005	88,9 x 2,0	84,9	6	4,290	5,660	on request	114	27,97
316108005	108 x 2,0	104	6	5,230	8,490	on request	114	34,35

Raccomandato per impianti di riscaldamento

Recommended for heating installation

Empfehl fuer Heizungsanlagen

Recommandé pour installations de chauffage

Recomendado para instalaciones de calefacción

**316/003**

≤54 B 40 44

≥76 B 40 45

**ZINCATO
ESTERNAMENTE CON RIVESTIMENTO
IN PP**

- OUTSIDE GALVANIZED WITH PP-COATING
- AUSSEN VERZINKT MIT PP-UMMANTELUNG
- GALVANISÉS EXTÉRIEUR AVEC REVÊTEMENT PP
- GALVANIZADO EXTERIOR RECOCIDO

Mat. Nr.: 1.0215 [E 220 CR2S4] + PP

CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m	€
316012003	12 x 1,2	9,6	6	0,358	0,072	150	1014	3,18
316015003	15 x 1,2	12,6	6	0,454	0,125	120	1014	3,59
316018003	18 x 1,2	15,6	6	0,552	0,191	90	1014	3,96
316022003	22 x 1,5	19	6	0,890	0,284	60	762	5,54
316028003	28 x 1,5	25	6	1,136	0,491	60	546	7,00
316035003	35 x 1,5	32	6	1,424	0,804	30	546	8,99
316042003	42 x 1,5	39	6	1,744	1,194	30	366	10,47
316054003	54 x 1,5	51	6	2,257	2,042	30	366	14,21
316076003	76,1 x 2,0	72,1	6	3,875	4,080	12	114	30,56
316088003	88,9 x 2,0	84,9	6	4,550	5,660	12	114	36,98
316108003	108 x 2,0	104	6	5,545	8,490	6	114	45,00

Spessore polipropilene: 1 mm
 Polypropylene thickness: 1 mm
 Dicken polypropylen: 1 mm
 Polypropylène d'épaisseur: 1 mm
 Polipropileno de espesor: 1 mm

Raccomandato per impianti di raffrescamento**Recommended for cooling installation****Empfehl fuer Kuehlungsanlagen****Recommandé pour installations de refroidissement****Recomendado para instalaciones de refrigeracion**

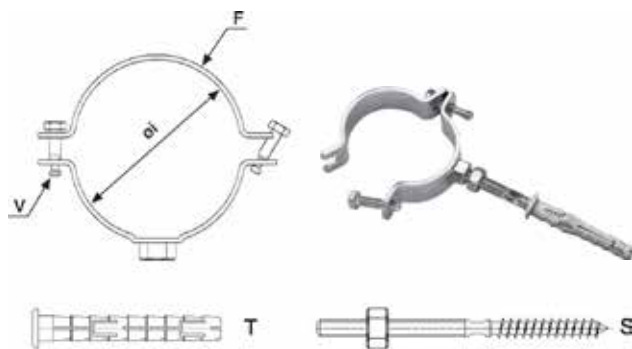

316/002
≤54 B 40 43
≥76 B 40 46
**ZINCATO
INTERNAME E ESTERNAME**

- INSIDE AND OUTSIDE GALVANIZED
- INNEN UND AUSSEN VERZINKT
- GALVANISÉS INTÉRIEUR ET EXTÉRIEUR
- GALVANIZADO INTERIOR Y EXTERIOR

Mat. Nr.: 1.0031 (E 190 CR2S4)

CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m	€
316022002	22 x 1,5	19	6	0,824	0,284	60	60	4,13
316028002	28 x 1,5	25	6	1,052	0,491	60	60	5,40
316035002	35 x 1,5	32	6	1,320	0,804	30	30	6,91
316042002	42 x 1,5	39	6	1,620	1,194	30	30	8,10
316054002	54 x 1,5	51	6	2,098	2,042	30	30	11,26
316076000	76,1 x 2,0	72,1	6	3,652	4,080	on request	12	25,88
316088000	88,9 x 2,0	84,9	6	4,290	5,660	on request	12	32,17
316108000	108 x 2,0	104	6	5,230	8,490	on request	6	39,50

Solo per impianti sprinkler ad umido.
Only for wet sprinkler systems.
Nur für Sprinkler Nassleitungen.
Seulement pour système anti-incendie sprinkler humide.
Sólo para instalaciones Sprinkler en humedo.

**355**

≤54 Y 20 25

≥76 Y 20 21

COLLARE PER TUBO STEELPRES

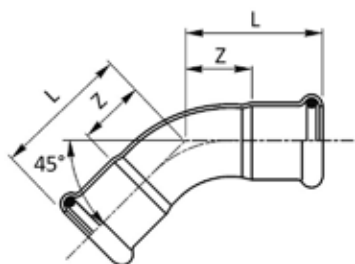
- CLAMP FOR STEELPRES PIPE
- ROHRSCHELLE FÜR STEELPRES ROHR
- COLLIER POUR TUBE STEELPRES
- ABRAZADERA PARA TUBO STEELPRES

MATERIAL: St. W 24**NOTE:** dado saldato con puntatura elettrica
spot welded nut

CODE	Øi mm	F lg x sp mm	V mm	S mm	T mm					€
355150001*	15	20 x 2,5	M 6 x 20	M 8 X 100	10 x 70	104	2	50**	2800	2,17
355308000	18	20 x 2,5	M 6 x 20	M 8 X 100	10 x 70	95	2	100**	5600	0,80
355102000	22	20 x 2,5	M 6 x 20	M 8 X 100	10 x 70	98	2	100**	5600	0,78
355304000	28	20 x 2,5	M 6 x 25	M 8 X 100	10 x 70	100	2	100**	5600	0,82
355100000	35	20 x 2,5	M 6 x 25	M 8 X 100	10 x 70	110	2	50**	5600	0,87
355114000	42	20 x 2,5	M 6 x 25	M 8 X 100	10 x 70	121	2	50**	2800	0,97
355054000	54	20 x 2,5	M 6 x 25	M 8 X 100	10 x 70	130	2	50**	2800	1,11
355212000	76,1	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	261	2	20**	1920	2,24
355300000	88,9	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	288	2	20**	1120	2,52
355108000	108	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	305	2	20**	1120	2,80

(*) Rivestimento in gomma - With rubber gasket - Mit Gummieinlage - Isophonique - Junta de goma

(**) unità minima di vendita/minimum selling quantity


381/450
CURVA 45° FF

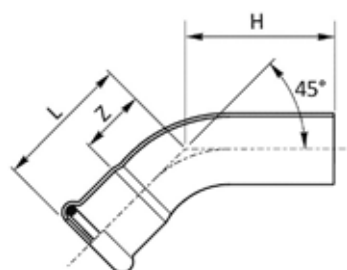
- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 20 21
≥76 B 20 22

CODE	De mm	L mm	Z mm				€
381015450	15	27,5	7,5	37	20	400	3,46
381018450	18	29,5	9,5	45	20	300	3,76
381022450	22	32	11	59	20	200	3,87
381028450	28	37	14	87	10	200	5,28
381035450	35	43	17	124	10	60	10,02
381042450	42	51	21	175	4	40	12,70
381054450	54	62	30	282	2	20	14,87
381076450	76,1	131,5	76,5	910	2	2	45,26
381088450	88,9	144	84	1125	2	2	65,48
381108450	108	169	94	1620	2	2	80,82


381/451
CURVA 45° MF

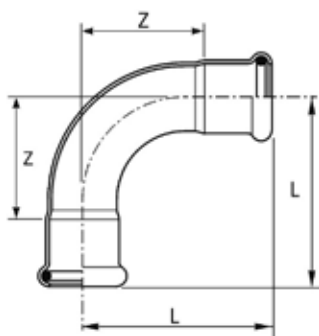
- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 20 21
≥76 B 20 22

CODE	De mm	L mm	H mm	Z mm				€
381015451	15	27,5	40	7,5	39	20	400	3,46
381018451	18	29,5	36	9,5	46	20	300	3,61
381022451	22	32	42	11	60	20	200	3,78
381028451	28	37	46	14	88	10	200	5,51
381035451	35	43	57	17	135	10	60	9,86
381042451	42	51	72	21	196	4	40	12,56
381054451	54	62	82	26	300	2	20	14,72
381076451	76,1	131,5	149	76,5	870	2	2	43,38
381088451	88,9	144	159	84	1365	2	2	63,52
381108451	108	169	199	94	1922	2	2	80,56

**381/900**

≤54 B 20 21

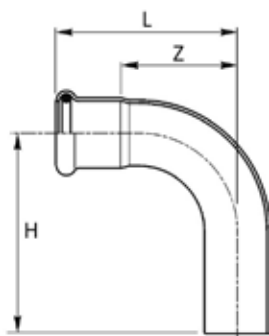
≥76 B 20 22

CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: E 195 - 1.0034**O-RING:** EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm				€
381012900	12	42	24	42	20	400	2,93
381015900	15	38	18	44	20	400	2,99
381018900	18	41,5	21,5	55	20	300	3,23
381022900	22	47	26	73	10	150	3,70
381028900	28	56	33	109	10	100	5,06
381035900	35	68	42	156	5	50	10,94
381042900	42	80	50	231	2	30	18,09
381054900	54	100	64	369	2	18	21,51
381076900	76,1	160	105	1150	2	2	46,89
381088900	88,9	182	122	1560	2	2	64,65
381108900	108	220	145	2250	2	2	87,30

**381/901**

≤54 B 20 21

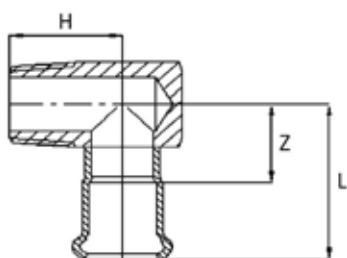
≥76 B 20 22

CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: E 195 - 1.0034**O-RING:** EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm				€
381012901	12	42	48	24	46	20	400	3,19
381015901	15	38	48	18	44	20	400	3,26
381018901	18	41,5	48,5	21,5	56	20	300	3,50
381022901	22	47	57	26	77	10	150	4,03
381028901	28	56	64	33	113	10	100	5,01
381035901	35	68	82	42	174	5	50	10,94
381042901	42	80	101	50	235	2	30	18,57
381054901	54	100	120	64	385	2	18	22,09
381076901	76,1	160	180	105	1155	2	2	44,15
381088901	88,9	182	197	122	1585	2	2	69,72
381108901	108	220	236	145	2155	2	2	85,20

B 20 21

385
GOMITO MISTO 90° FILETTO M

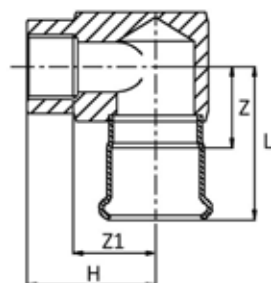
- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUEURRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	H mm	Z mm				€
385308015	15 x 3/8"	36	21	16	90	20	200	9,43
385102015	15 x 1/2"	37	26	17	94	20	200	9,79
385102018	18 x 1/2"	37	26	17	105	20	200	10,59
385304022	22 x 3/4"	41	29	20	149	10	100	12,70


398
GOMITO MISTO 90° FILETTO F

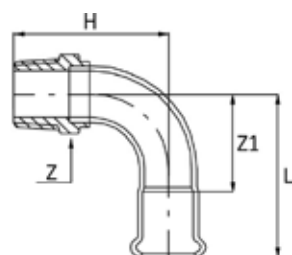
- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUEURRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	H mm	Z mm	Z1 mm				€
398304022	22 x 3/4"	46	44	25	27	270	10	100	18,53
398102028	28 x 1/2"	49	42	26	27	300	10	50	18,80
398304028	28 x 3/4"	49	47	26	30	330	10	50	18,80


397
CURVA FILETTATA 90° FILETTO M

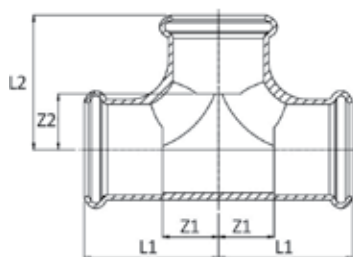
- 90° ELBOW BSP
- BOGEN 90° MIT AG
- COUDE 90° AVEC FILETAGE M
- CODO A 90° MF

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	H mm	Z mm	Z1 mm				€
397308012	12 x 3/8"	42	34	22	24	42	20	300	8,90
397308015	15 x 3/8"	50	47,5	21	30	65	20	300	8,93
397102015	15 x 1/2"	50	47	21	30	70	20	300	9,28
397102018	18 x 1/2"	54	52	24	34	90	20	200	10,08
397304022	22 x 3/4"	60	62	30	39	130	10	100	12,43
397100028	28 x 1"	73	74	36	50	192	10	50	15,55
397114035	35 x 1 1/4"	68	80	46	42	262	5	40	25,39
397112042	42 x 1 1/2"	80	98	60	50	413	2	20	39,05
397200054	54 x 2"	100	131,5	65	65	482	2	12	56,31

**382****“T”**

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

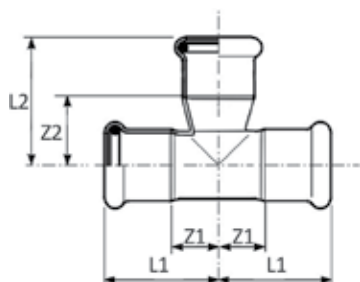
MATERIAL: E 195 - 1.0034**O-RING:** EPDM nero - black - Schwarz - noir - negro

≤54 B 20 21

≥76 B 20 22

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
382012000	12	28	35	10	17	48	20	200	6,14
382015000*	15	32	32	10,5	10,5	72	20	200	6,19
382018000*	18	34	34	12,5	12,5	85	20	100	6,51
382022000*	22	37	37	14,5	14,5	116	20	100	6,81
382028000*	28	42	42	17,5	17,5	173	10	50	8,94
382035000*	35	50	50	22,5	22,5	240	4	32	14,20
382042000*	42	57	57	25,5	25,5	337	4	20	20,66
382054000*	54	69	69	32,5	32,5	473	2	12	24,76
382076000	76,1	108	118	52	63	1275	2	2	97,74
382088000	88,9	132	131	72	71	1535	2	2	112,26
382108000	108	155	159	74	84	2115	2	2	141,85

[*]: idroformato - hydroformed - hydrogeformt - hydroformé - hidroformado

**392/A****TEE ALLARGATO**

- TEE OVERSIZE BRANCH
- T-STÜCK MIT ERWEITERTEM ABGANG
- TÉ AVEC SORTIE ÉVASÉE
- TE CON SALIDA ENSANCHADA

MATERIAL: E 195 - 1.0034**O-RING:** EPDM nero - black - Schwarz - noir - negro

B 20 21

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
392012015	12 x 15 x 12	28	38	10	17	52	20	100	13,45
392015018	15 x 18 x 15	37	36	16	15	71	20	100	14,53
392015022	15 x 22 x 15	37	42	16	19	84	10	100	16,23
392018022	18 x 22 x 18	40	45	19	22	97	10	100	16,53
392022028	22 x 28 x 22	41	45	18	21	123	10	50	17,20

The 1st seamless Pressfitting Tee

in carbon steel and copper nickel



SEAMLESS

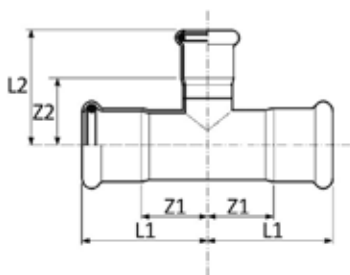
For equal/reduced "T" up to 54mm

**「NO MORE
LEAKS!」**



WELDED



**392**

≤54 B 20 21

≥76 B 20 22

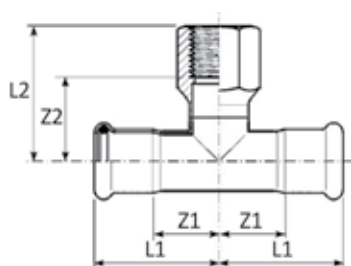
“T” RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: E 195 - 1.0034**O-RING:** EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
392015012	15 x 12 x 15	37	33	16	15	64	20	100	6,87
392018012	18 x 12 x 18	40	34	19	16	72	20	100	6,95
392018015*	18 x 15 x 18	34	35	12,5	13,5	83	20	100	6,98
392022012	22 x 12 x 22	41	36	18	18	94	10	100	9,12
392022015*	22 x 15 x 22	37	38	14,5	16,5	110	10	100	7,42
392022018*	22 x 18 x 22	37	38	14,5	16	112	10	100	7,58
392028015*	28 x 15 x 28	42	40,5	17,5	19	146	10	50	9,86
392028018*	28 x 18 x 28	42	40,5	17,5	19	150	10	50	10,21
392028022*	28 x 22 x 28	42	41	17,5	20	155	10	50	10,76
392035015	35 x 15 x 35	51	49	25	29	159	5	50	13,85
392035018	35 x 18 x 35	51	50	25	30	163	5	50	14,84
392035022	35 x 22 x 35	51	51	25	30	167	5	50	15,15
392035028	35 x 28 x 35	51	54	25	31	177	5	35	15,32
392042022	42 x 22 x 42	59	54	28	33	228	4	20	18,97
392042028	42 x 28 x 42	59	57	28	34	239	4	20	19,47
392042035	42 x 35 x 42	59	61	28	35	250	4	20	20,24
392054022	54 x 22 x 54	70	62	34	41	325	2	16	22,58
392054028	54 x 28 x 54	70	65	34	42	336	2	16	23,05
392054035	54 x 35 x 54	70	68	34	42	345	2	16	23,65
392054042	54 x 42 x 54	70	72	34	42	365	2	16	25,06
392076022	76,1 x 22 x 76,1	108	74	52	53	995	2	2	89,96
392076028	76,1 x 28 x 76,1	108	77	52	54	1015	2	2	91,06
392076035	76,1 x 35 x 76,1	108	80	52	54	1025	2	2	93,00
392076042	76,1 x 42 x 76,1	108	84	52	54	1045	2	2	94,94
392076054	76,1 x 54 x 76,1	108	90	52	55	1065	2	2	95,96
392088028	88,9 x 28 x 88,9	132	84	72	61	1365	2	2	98,82
392088035	88,9 x 35 x 88,9	132	88	72	62	1395	2	2	100,76
392088042	88,9 x 42 x 88,9	132	91	72	61	1425	2	2	104,62
392088054	88,9 x 54 x 88,9	132	97	72	62	1455	2	2	108,51
392088076	88,9 x 76,1 x 88,9	132	125	72	70	1485	2	2	112,84
392108028	108 x 28 x 108	155	94	74	71	1815	2	2	121,10
392108035	108 x 35 x 108	155	97	74	71	1845	2	2	124,00
392108042	108 x 42 x 108	155	101	74	71	1875	2	2	125,94
392108054	108 x 54 x 108	155	107	74	72	1905	2	2	127,87
392108076	108 x 76 x 108	155	135	74	80	1935	2	2	131,76
392108088	108 x 88,9 x 108	155	141	74	81	1965	2	2	141,04

[*]: idroformato - hydroformed - hydrogeformt - hydroformé - hidroformado



389

**"T" CON DERIVAZIONE
FILETTO F**

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: E 195 - 1.0034

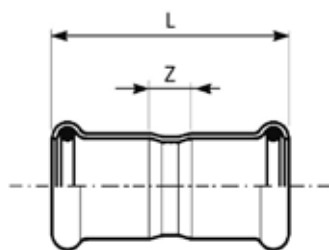
O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

≤54 B 20 21

≥76 B 20 22

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
389102015	15 x 1/2" x 15	35	36	14	21	72	20	100	9,35
389102018	18 x 1/2" x 18	37	38	16	23	91	20	100	9,35
389102022	22 x 1/2" x 22	39	39	18	24	128	10	100	9,92
389304022	22 x 3/4" x 22	39	44	18	28	133	10	100	12,60
389102028	28 x 1/2" x 28	44	42	21	27	158	10	50	11,74
389304028	28 x 3/4" x 28	44	47	21	30	161	10	50	12,89
389100028	28 x 1" x 28	44	53	21	34	246	5	50	16,61
389102035	35 x 1/2" x 35	51	45	25	30	200	5	50	14,69
389304035	35 x 3/4" x 35	51	50	25	34	191	5	40	19,40
389100035	35 x 1" x 35	51	56	25	37	250	5	40	20,77
389102042	42 x 1/2" x 42	59	49	28	34	255	4	32	22,03
389304042	42 x 3/4" x 42	59	54	28	37	255	4	32	25,75
389102054	54 x 1/2" x 54	70	56	34	41	300	2	14	25,46
389304054	54 x 3/4" x 54	70	61	34	45	353	2	14	27,08
389102076	76,1 x 1/2" x 76,1	108	68	52	53	361	2	2	117,31
389304076	76,1 x 3/4" x 76,1	108	77	52	60	400	2	2	120,68
389102088	88,9 x 1/2" x 88,9	132	76	72	61	1040	2	2	128,24
389304088	88,9 x 3/4" x 88,9	132	84	72	68	1040	2	2	131,65
389102108	108 x 1/2" x 108	155	85	74	70	1255	2	2	159,53
389304108	108 x 3/4" x 108	155	94	74	77	1255	2	2	164,55

**383/000**

≤54 B 20 21

≥76 B 20 22

MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: E 195 - 1.0034**O-RING:** EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm				€
383012000	12	42	6	25	20	500	2,17
383015000	15	49	9	33	20	500	2,19
383018000	18	50	10	40	20	300	2,30
383022000	22	53	11	52	20	200	2,56
383028000	28	56	10	69	10	150	3,09
383035000	35	63	10	90	10	100	5,14
383042000	42	72	12	127	4	60	6,97
383054000	54	83	13	189	2	24	8,30
383076000	76,1	142	32	635	4	4	25,86
383088000	88,9	166	46	765	4	4	32,53
383108000	108	203	41	1170	2	2	43,37

**383/001**

≤54 B 20 21

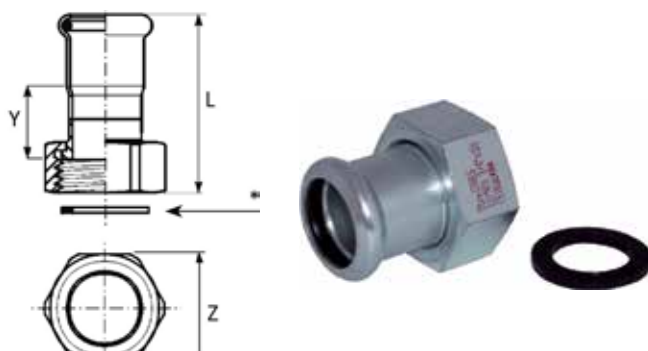
≥76 B 20 22

MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: E 195 - 1.0034**O-RING:** EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	es				€
383012001	12	56	22	42	20	500	3,01
383015001	15	69	25	56	20	200	3,07
383018001	18	73	25	65	20	200	3,46
383022001	22	79	25	85	20	100	3,70
383028001	28	88,5	30	118	10	100	4,56
383035001	35	102,5	30	141	10	50	9,64
383042001	42	117,5	40	234	4	40	10,51
383054001	54	139	40	321	4	20	12,27
383076001	76,1	230	60	940	2	2	40,05
383088001	88,9	260	70	1240	2	2	53,56
383108001	108	310	80	1835	2	2	55,89

B 20 21

383/002
MANICOTTO CON DADO FOLLE

- VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD ÉCROU LIBRE
- RÁCOR DOS PIEZAS

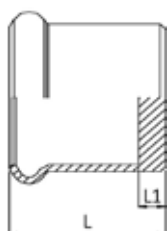
MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

GASKET: [*]: EPDM nero - black - Schwarz - noir - negro

THREAD: ISO 228/1 [ex DIN 259]

CODE	De x G mm x inch	L mm	Z mm	Y mm	Gasket mm				€
383015002	15 x 3/4"	37	30	10	24x14 thk 2,5	60	10	250	7,65
383018002	18 x 3/4"	37	30	10	24x14 thk 2,5	68	10	250	7,88
383022012	22 x 3/4"	54	30	25	24x14 thk 2,5	103	10	200	8,65
383022002	22 x 1"	40	36	10	30x20 thk 2,5	86	10	200	8,42
383028012	28 x 1"	58	36	27	30x20 thk 2,5	142	10	150	11,48
383028002	28 x 1 1/4"	47	46	14	39x27 thk 2,5	136	10	150	11,48
383035012	35 x 1 1/4"	67	46	32	39x27 thk 2,5	237	4	60	15,31
383035002	35 x 1 1/2"	52	55	14	44,5x30 thk 2,5	292	4	60	15,31
383042022	42 x 1 1/2"	77	55	35	44,5x30 thk 2,5	422	2	60	21,72
383042002	42 x 1 3/4"	55	60	14	50,5x38 thk 2,5	360	2	60	21,72
383042012	42 x 2"	56	65	14,5	56x42 thk 2,5	310	2	40	21,72
383054012	54 x 2"	83	65	36,5	56x42 thk 2,5	475	2	30	30,57
383054002	54 x 2 3/8"	60	75	15	65,5x45 thk 3	442	2	40	28,61
383054022	54 x 2 1/2"	65,5	81	16	71,5x53 thk 3	537	2	24	37,19


383/003
TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

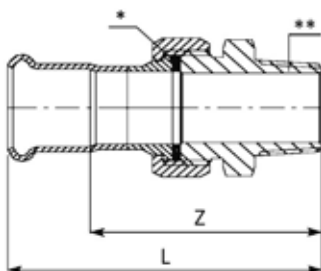
MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 20 21
≥76 B 20 22

CODE	De mm	L mm	L1 mm				€
383012003	12	30	13	21	20	500	4,45
383015003	15	26	5	28	20	500	4,40
383018003	18	26	5	30	10	300	4,72
383022003	22	27	5	40	10	200	5,20
383028003	28	29	5	57	10	150	6,93
383035003	35	32	5	80	5	100	8,33
383042003	42	36	5	115	4	80	12,91
383054003	54	41	5	177	4	40	15,72
383076003	76,1	78	6	540	2	10	29,07
383088003	88,9	88	6	730	2	10	35,84
383108003	108	102	6	935	2	2	50,07

B 20 21



384/000

BOCCHETTONI A SEDE PIANA FILETTO M

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: E 195 - 1.0034

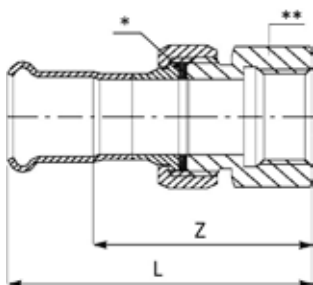
FITTING: (**): ottone - brass - Messing - laiton - latón

O-RING: EPDM nero - black - Schwarz - noir - negro

GASKET: (*): EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Gasket mm				€
384015000	15 x 1/2"	64	44	24x14 thk 2,5	146	2	120	10,28
384018000	18 x 1/2"	64	44	24x14 thk 2,5	176	2	120	13,22
384022000	22 x 3/4"	69	46	30x20 thk 2,5	202	2	100	13,76
384028000	28 x 1"	80	56	39x27 thk 2,5	468	2	60	21,65
384035000	35 x 1 1/4"	89	62	44,5x30 thk 2,5	618	2	40	29,89
384042000	42 x 1 1/2"	93	61	50,5x38 thk 2,5	824	2	30	45,69
384054000	54 x 2"	104	66	65,5x45 thk 3	1178	2	20	103,93



384/001

B 20 21

BOCCHETTONI A SEDE PIANA FILETTO F

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: E 195 - 1.0034

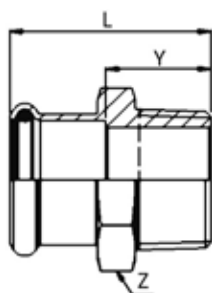
FITTING: (**): ottone - brass - Messing - laiton - latón

O-RING: EPDM nero - black - Schwarz - noir - negro

GASKET: (*): EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm				€
384015001	15 x 1/2"	59	38	24x14 thk 2,5	138	2	120	17,41
384018001	18 x 1/2"	59	38	24x14 thk 2,5	140	2	120	18,16
384022001	22 x 3/4"	64	41	30x20 thk 2,5	209	2	100	21,17
384028001	28 x 1"	73	49	39x27 thk 2,5	450	2	60	30,12
384035001	35 x 1 1/4"	81	54	44,5x30 thk 2,5	600	2	40	39,05
384042001	42 x 1 1/2"	85	53	50,5x38 thk 2,5	621	2	30	57,77
384054001	54 x 2"	102	66	65,5x45 thk 3	1189	2	20	73,24



387

**MANICOTTO MISTO
FILETTO M**

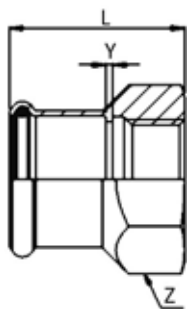
- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

≤54 B 20 21

≥76 B 20 22

CODE	De x R mm x inch	L mm	Z mm	Y mm				€
387308012	12 x 3/8"	36	19	18	31	20	300	6,18
387308015	15 x 3/8"	38	24	18	44	20	400	6,21
387102015	15 x 1/2"	41	24	21	53	20	300	6,21
387304015	15 x 3/4"	43	27	23	77	10	200	6,37
387102018	18 x 1/2"	41	27	21	54	20	300	6,40
387304018	18 x 3/4"	44	30	24	88	10	200	7,50
387102022	22 x 1/2"	42	32	21	60	10	200	7,15
387304022	22 x 3/4"	44	32	23	89	10	200	7,16
387100022	22 x 1"	46	36	25	154	10	100	8,05
387304028	28 x 3/4"	47	38	24	114	10	100	8,71
387100028	28 x 1"	48	38	25	116	10	100	8,96
387114028	28 x 1 1/4"	52	46	29	195	5	50	9,69
387100035	35 x 1"	52	46	25	169	5	50	11,32
387114035	35 x 1 1/4"	56	46	29	205	5	50	11,55
387112035	35 x 1 1/2"	55	50	28	220	5	50	12,25
387112042	42 x 1 1/2"	63	55	33	250	4	40	13,17
387200054	54 x 2"	72	65	36	356	4	32	20,83
387212076	76,1 x 2 1/2"	124	80	69	780	2	8	89,23
387300088	88,9 x 3"	141	95	81	1135	2	4	133,48
387400108	108 x 4"	162	115	88	1400	2	2	145,32



390

MANICOTTO MISTO FILETTO F

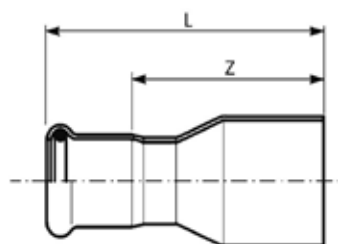
- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm				€
390102012	12 x 1/2"	38	27	3	55	20	300	9,09
390308015	15 x 3/8"	35	24	2	48	20	300	6,22
390102015	15 x 1/2"	38	27	2	60	20	300	6,22
390304015	15 x 3/4"	39	32	2	78	10	200	6,39
390102018	18 x 1/2"	38	27	2	60	20	300	6,39
390304018	18 x 3/4"	39	32	2	78	10	200	7,67
390102022	22 x 1/2"	39	32	2	96	10	200	7,84
390304022	22 x 3/4"	40	32	2	81	10	150	7,95
390100022	22 x 1"	43	41	2	147	10	100	8,98
390102028	28 x 1/2"	41	38	2	155	20	100	8,38
390304028	28 x 3/4"	42	38	2	132	10	100	9,22
390100028	28 x 1"	45	41	2	147	10	100	9,22
390100035	35 x 1"	51	46	2	218	5	100	10,19
390114035	35 x 1 1/4"	52	46	2	154	5	50	10,74
390112042	42 x 1 1/2"	56	55	2	245	4	40	11,78
390200054	54 x 2"	65	65	2	329	4	32	19,70


391
RIDUZIONE MF

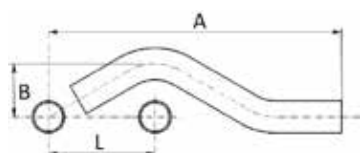
- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 20 21
≥76 B 20 22

CODE	De mm	L mm	Z mm				€
391015012	15 x 12	51	33	29	20	500	2,17
391018012	18 x 12	53	35	32	20	500	2,17
391018015	18 x 15	57	37	36	20	500	2,30
391022012	22 x 12	60	42	41	20	500	2,30
391022015	22 x 15	64	44	45	20	400	2,30
391022018	22 x 18	60	40	48	20	300	2,49
391028015	28 x 15	76,5	56,5	50	20	200	3,80
391028018	28 x 18	75	55	54	20	200	3,76
391028022	28 x 22	65	42,5	59	20	200	3,19
391035022	35 x 22	70	49	89	10	100	4,36
391035028	35 x 28	71	48	91	10	100	3,73
391042022	42 x 22	97	76	120	4	100	9,41
391042028	42 x 28	93	70	127	4	80	9,72
391042035	42 x 35	81	55	130	4	40	7,42
391054022	54 x 22	95	74	140	4	40	26,79
391054028	54 x 28	108,5	85,5	155	4	40	26,79
391054035	54 x 35	108	82	192	4	40	23,53
391054042	54 x 42	97,5	67,5	205	4	32	9,33
391076042	76,1 x 42	143	113	480	4	4	39,74
391076054	76,1 x 54	148	112	480	4	4	36,70
391088054	88,9 x 54	161	125	585	4	4	47,19
391088076	88,9 x 76,1	184	129	675	4	4	55,91
391108076	108 x 76,1	203	148	900	2	2	56,79
391108088	108 x 88,9	210	150	1050	2	2	71,65

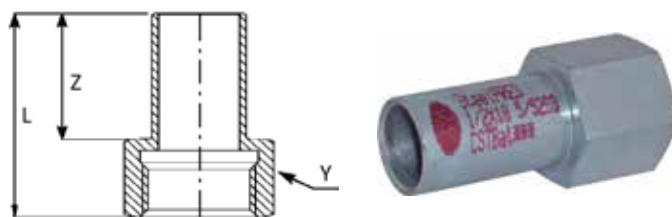

379
"S" DI SCAVALCAMENTO MM

- PIPE BRIDGE
- SPRUNGBOGEN
- "S" DE CHEVAUCHEMENT MALE
- "S" DE SUPERPOSICIÓN MM

MATERIAL: E 195 - 1.0034

B 20 21

CODE	De mm	L mm	A mm	B mm				€
379012000	12	55	154	35	10	10	150	4,02
379015000	15	57	158	37	14	10	150	4,45
379018000	18	60	165	40	17	10	100	4,95
379022000	22	65	178	44	29	10	100	5,96
379028000	28	74	210	50	44	10	50	7,06



393

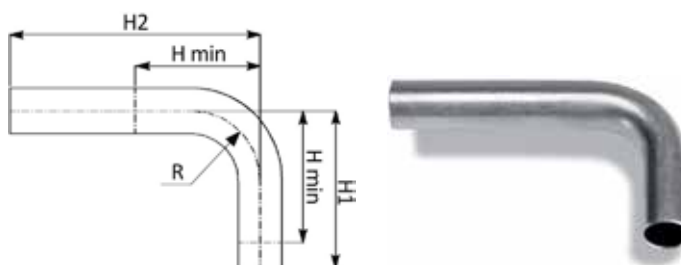
B 20 21

MANICOTTO CON INSERIMENTO FILETTO F

- FEMALE REDUCTION SOCKET
- ÜBERGANG INNENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION AVEC TARAUDAGE
- ADAPTADOR HEMBRA

MATERIAL: E 195 - 1.0034

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
393102015	15 x 1/2"	52	37	24	49	20	400	3,87
393102018	18 x 1/2"	52	37	24	50	20	400	4,20
393304018	18 x 3/4"	51	37	30	62	20	300	4,70
393102022	22 x 1/2"	52	37	24	51	20	300	5,21
393304022	22 x 3/4"	52	38	30	63	20	300	6,05



394/900

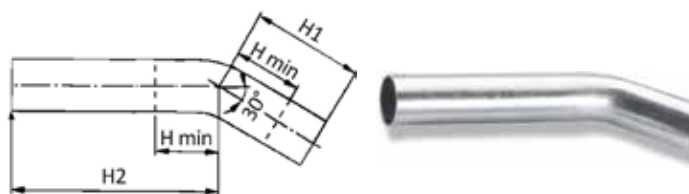
B 20 21

TUBO CURVO 90°

- 90° ELBOW MM
- PASSBOGEN 90°
- COUDE D'AJUSTEMENT 90°
- TUBO RICURVO 90° MM

MATERIAL: E 195 - 1.0034

CODE	De mm	H1 mm	H min mm	H2 mm	R mm				€
394015900	15	70	48	120	35	16	20	160	3,68
394018900	18	70	53	120	38	20	20	160	4,09
394022900	22	70	61	120	40	31	10	100	4,17
394028900	28	97	80	125	45	42	10	50	4,75
394035900	35	120	90	200	54	58	4	20	10,87
394042900	42	160	115	250	76	130	2	10	16,78
394054900	54	300	140	305	97	210	2	2	22,88



394/300

B 20 21

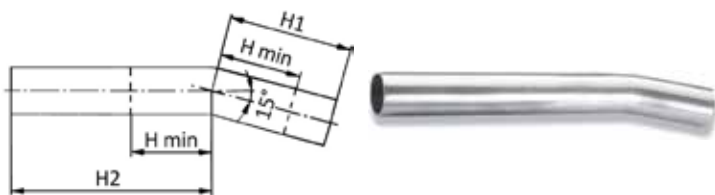
TUBO CURVO 30°

- 30° ELBOW MM
- PASSBOGEN 30°
- COUDE D'AJUSTEMENT 30°
- TUBO RICURVO 30° MM

MATERIAL: E 195 - 1.0034

CODE	De mm	H1 mm	H min mm	H2 mm	g			€
394028300	28	54	47	130	42	10	50	7,78
394035300	35	80	50	218	58	4	24	14,66
394042300	42	98	54	274	130	2	10	21,63
394054300	54	137	72	324	210	2	2	28,32

B 20 21


394/150
TUBO CURVO 15°

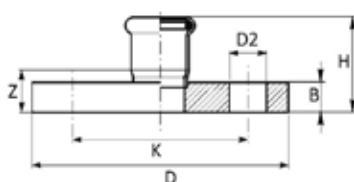
- 15° ELBOW MM
- PASSBOGEN 15°
- COUDE D'AJUSTEMENT 15°
- TUBO RICURVO 15° MM

MATERIAL: E 195 - 1.0034

CODE	De mm	H1 mm	H min mm	H2 mm				€
394028150	28	45	38	136	42	10	50	7,78
394035150	35	62	32	234	58	4	24	14,66
394042150	42	94	50	276	130	2	10	21,63
394054150	54	117	52	337	210	2	2	28,32

≤54 B 20 21

≥76 B 20 22


393/000
MANICOTTO FLANGIATO

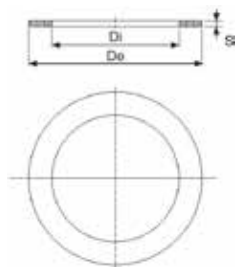
- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

PN 16

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm				€
393015000	15	15	43	23	16	95	14	4	65	578	2	20	29,36
393018000	18	15	44	24	16	95	14	4	65	572	2	20	30,47
393022000	22	20	47	26	18	105	14	4	75	754	2	14	33,09
393028000	28	25	50	27	18	115	14	4	85	1094	2	10	36,65
393035000	35	32	53	27	18	140	18	4	100	1672	2	6	45,82
393042000	42	40	57	27	18	150	18	4	110	1988	2	8	51,95
393054000	54	50	64	28	18	165	18	4	125	2666	2	6	64,38
393076000	76,1	65	97	42	18	185	18	8	145	3450	2	2	101,86
393088000	88,9	80	108	48	20	200	18	8	160	4150	2	2	120,39
393108000	108	100	124	49	20	220	18	8	180	4905	2	2	166,70



434/PN10-16

R 30 30

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLOGICA PARA BRIDA

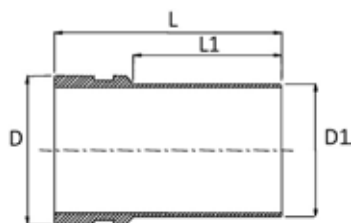
PN
10/16

NORM: EN 1092-1
MATERIAL: Sesalit Eco

CODE	DN	De mm	Di mm	S mm			€
434015000	15 - [1/2"]	50	20	2	6	10	0,46
434020000	20 - [3/4"]	60	25	2	8	10	0,66
434025000	25 - [1"]	70	30	2	10	10	0,91
434032000	32 - [1" 1/4]	82	38	2	14	10	1,25
434040000	40 - [1" 1/2]	92	45	2	17	10	1,62
434050000	50 - [2"]	108	57	2	22	10	2,45
434065000	65 - [2" 1/2]	127	76	2	27	10	3,37
434080000	80 - [3"]	142	89	2	30	10	4,00
434100000	100 - [4"]	162	108	2	38	10	4,59

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)
LIMITI DI TEMPERATURA ORIENTATIVI
Temperatura massima per brevi esposizioni: 180°-200° C
Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C
Temperatura massima di esercizio continuo con vapore: 110° C
OMOLOGAZIONI: acqua potabile KTW-TZW: n. KA 242/09

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free
USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)
GUIDELINE TEMPERATURE LIMITS
Maximum temperature for short exposure: 180°-200° C
Maximum operating temperature for continuous non-aggressive fluids: 140° C
Maximum temperature for continuous operation with steam: 110° C
APPROVAL: potable water KTW-TZW: n. KA 242/09



322

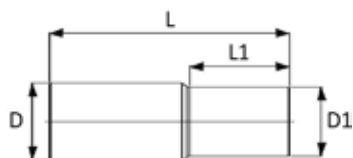
B 20 22

RACCORDO DI TRANSIZIONE
STEELPRES TUBAZIONI SCANALATE A
GIUNTI RAPIDI

- TRANSITION PIECE STEELPRES/COUPLINGS
- ÜBERGANG STEELPRES/KUPPLUNG
- RACORD DE PASAGE ENTRE STEELPRES ET TUBE CANNÉ
- RACOR DE TRANSICIÓN STEELPRES/TUBERIA CANALADA

MATERIAL: E 275+N - 1.0225

CODE	D mm	D1 mm	L mm	L1 mm				€
322060042	60	42	120	69	410	1	25	31,16
322060054	60	54	120	80	410	1	20	27,61
322076054	76	54	130	76	585	1	15	40,36

B 20 21


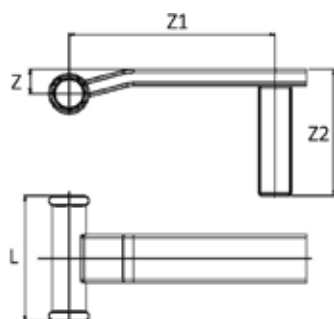
375

GIUNTO A SALDARE SENZA ZINCATURA

- COMBINATION PIPE WELDING END (NOT GALVANIZED)
- KOMBIROHR MIT ANSCHWEISSENDE (NICHT VERZINKT)
- TUBE RÉDUIT AVEC EXTRÉMITÉ À SOUDER (NON GALVANISÉ)
- UNIÓN A SALDAR SIN ZINCADURA

MATERIAL: E 195 - 1.0034

CODE	D mm	D1 mm	L mm	L1 mm				€
375308012	17,2	12	120	26	124	10	100	11,11
375308015	17,2	15	120	30	89	10	100	9,65
375102018	21,3	18	120	30	132	10	100	9,90
375304022	26,9	22	120	34	216	10	100	10,80
375100028	33,7	28	120	34	303	5	80	13,66
375114035	42,4	35	120	40	423	5	50	15,92
375112042	48,3	42	120	45	438	5	40	18,78
375200054	60,3	54	120	50	537	2	24	23,09



396/RAD

ATTACCO VERNICIATO PER RADIATORE

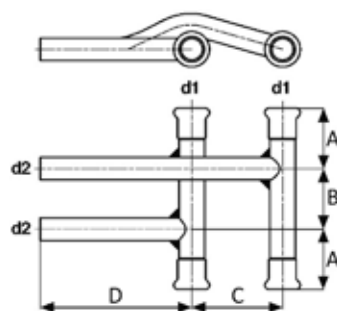
- PAINTED RADIATOR CONNECTOR
- HEIZUNGSANSCHLUSS LACKIERT
- CONNECTEUR PEINT DE RADIATEUR
- CONECTADOR PINTADO DEL RADIADOR

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	Z1 mm	Z2 mm				€
396102015V	15 x 1/2"	80	16	131	82	224	1	50	24,90
396102018V	18 x 1/2"	80	16	131	82	236	1	50	25,73

B 20 21



395

SCAVALCO SINGOLO

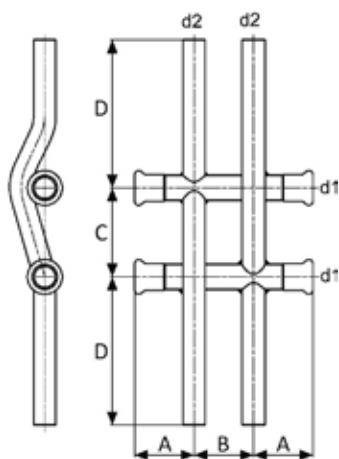
- SINGLE CROSSING
- HEIZKÖRPERANSCHLUSS
- RACCORDEMENT SINGLE ALLÉE ET RETOUR
- MANGUITO C/ CURVA DESVIACIÓN

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	d1 - d2	A mm	B mm	C mm	D mm				€
395012012	12 x 12	30	40	60	100	205	1	30	51,94
395015012	15 x 12	40	40	60	100	244	1	30	52,30
395015015	15 x 15	40	40	60	100	266	1	30	52,50
395018012	18 x 12	40	40	60	100	276	1	25	52,70
395018015	18 x 15	40	40	60	100	298	1	25	53,97
395022012	22 x 12	40	40	60	100	322	1	20	55,45
395022015	22 x 15	40	40	60	100	340	1	20	58,04
395028012	28 x 12	40	40	60	100	374	1	20	59,14
395028015	28 x 15	40	40	60	100	394	1	15	59,89

B 20 21



396

SCAVALCO DOPPIO

- DOUBLE CROSSING
- KREUZFITTING
- RACCORDEMENT DOUBLE ALLÉE ET RETOUR
- MANGUITO C/ CURVA DESVIACIÓN DOBLE

MATERIAL: E 195 - 1.0034

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	d1 - d2	A mm	B mm	C mm	D mm				€
396012012	12 x 12	30	40	60	100	280	1	20	66,89
396015012	15 x 12	40	40	60	100	318	1	20	72,82
396015015	15 x 15	40	40	60	100	376	1	20	73,93
396018012	18 x 12	40	40	60	100	355	1	20	77,26
396018015	18 x 15	40	40	60	100	410	1	15	78,56
396022012	22 x 12	40	40	60	100	380	1	15	79,65
396022015	22 x 15	40	40	60	100	436	1	15	80,22
396028012	28 x 12	40	40	60	100	452	1	10	83,17
396028015	28 x 15	40	40	60	100	494	1	10	85,76
396035015	35 x 15	40	40	60	100	556	1	10	95,00

Certificazioni / Certifications

		Produkte der Wasserversorgung	DW-8511CL0331	Ø 15 – 54 mm
		Aespres range of compression fittings	1209071	Ø 15 – 54 mm
		Pressfittings, type Aespres	n°1988	Ø 15 – 54 mm
		Press-fittings AESPRES	K 83136/01	Ø 15 – 54 mm

Campi di applicazione / Fields of application



Acqua potabile
Potable water



Riscaldamento
Heating



Raffrescamento
Cooling



Solare termico
con O-Ring FKM
Solar Thermal
With FKM O-Ring



Aria compressa
Compressed Air



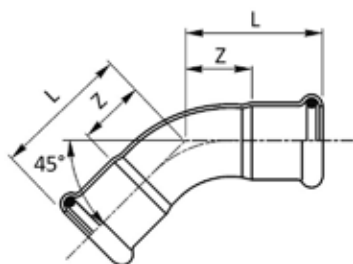
Antincendio
Fire Protection Systems

AES PRES® O-ring EPDM

Nero | Black | Schwarz | Noir | Negro



B7071

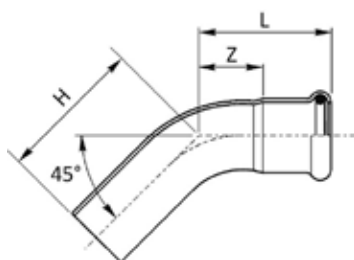
**681/450****CURVA 45° FF**

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: Cu-DHP99,9 - CW024A**O-RING:** EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	 g			€
681012450	12	32	14	38	20	400	2,83
681015450	15	27,5	7,5	36	20	400	2,83
681018450	18	29,5	9,5	53	20	300	2,99
681022450	22	32	11	71	20	100	3,65
681028450	28	37	14	101	10	100	11,20
681035450	35	43,5	17,5	138	10	60	15,98
681042450	42	51	21	200	4	40	25,97
681054450	54	62	26,5	306	2	20	36,35

B7071

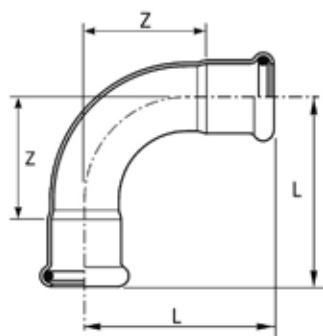
**681/451****CURVA 45° MF**

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: Cu-DHP99,9 - CW024A**O-RING:** EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm	 g			€
681012451	12	32	41	14	36	20	400	2,29
681015451	15	27,5	40	7,5	41	20	400	2,29
681018451	18	29,5	36	9,5	50	20	300	3,05
681022451	22	32	42	11	69	20	100	3,38
681028451	28	37	46	14	99	10	100	11,14
681035451	35	43,5	57,5	17,5	144	10	60	15,44
681042451	42	51	72	21	215	4	40	24,17
681054451	54	62	82	26,5	333	2	20	35,85

B 70 71



681/900

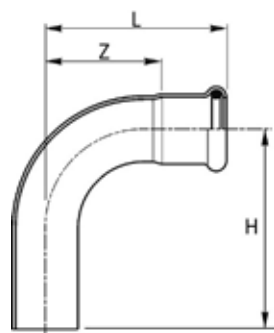
CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm				€
681012900	12	42	24	28	20	400	2,55
681015900	15	38	18	51	20	400	2,55
681018900	18	41,5	21,5	62	20	300	3,38
681022900	22	47	26	88	10	150	4,24
681028900	28	56	33	128	10	100	8,58
681035900	35	68	42	180	5	50	17,01
681042900	42	80	50	265	2	30	32,38
681054900	54	100	64,5	419	2	18	43,73



681/901

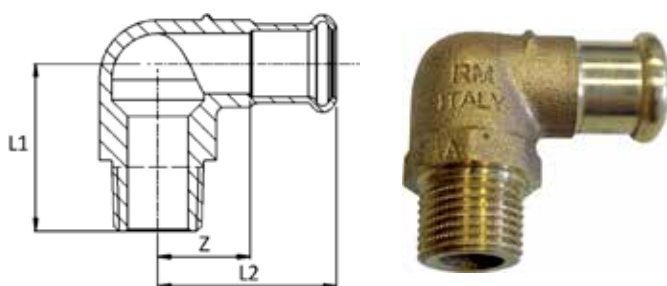
CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm				€
681012901	12	42	48	24	40	20	400	2,40
681015901	15	38	48	18	49	20	400	2,40
681018901	18	41,5	48,5	21,5	62	20	300	3,27
681022901	22	47	57	26	87	10	150	4,35
681028901	28	56	64	33	130	10	100	9,40
681035901	35	68	82	42	195	5	50	16,73
681042901	42	80	101	50	278	2	30	33,09
681054901	54	100	120	64,5	435	2	18	44,27



697

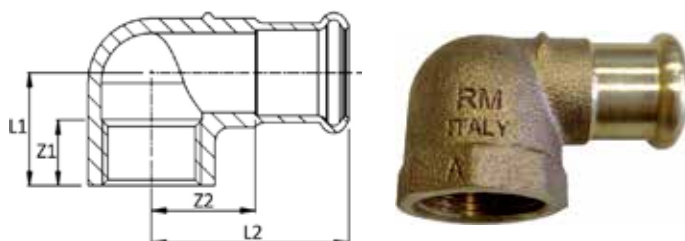
B70 71

GOMITO MISTO 90° FILETTO M

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: CuSn5Zn5Pb2 - CC 499K**O-RING:** EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm				€
697308012	12 x 3/8"	35	34	14	86	10	200	12,49
697102012	12 x 1/2"	40	34	14	113	10	200	12,55
697308015	15 x 3/8"	35	41,5	21,5	86	10	150	18,69
697102015	15 x 1/2"	38,5	41,5	21,5	131	10	150	12,55
697102018	18 x 1/2"	40	42	22	136	10	100	20,00
697304018	18 x 3/4"	44	42	22	177	10	100	19,51
697102022	22 x 1/2"	42	42	21	162	10	100	23,84
697304022	22 x 3/4"	47	42	21	193	10	100	20,26
697102028	28 x 1/2"	45	47	24	199	10	100	33,15
697100028	28 x 1"	53	45	24	318	5	50	30,43
697114035	35 x 1 1/4"	68	55	29	471	5	40	40,37
697112042	42 x 1 1/2"	75	65	35	660	2	30	55,14
697200054	54 x 2"	88	78	42	1078	2	20	78,01



698

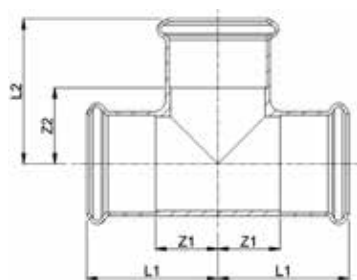
B70 71

GOMITO MISTO 90° FILETTO F

- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: CuSn5Zn5Pb2 - CC 499K**O-RING:** EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm				€
698308012	12 x 3/8"	22,5	34	12	14	72	10	200	7,83
698102012	12 x 1/2"	24	34	16	14	87	10	200	7,83
698308015	15 x 3/8"	22,5	41,5	12	21,5	87	10	150	18,42
698102015	15 x 1/2"	22,5	41,5	16	21,5	102	10	150	7,83
698304015	15 x 3/4"	25	41,5	16	21,5	125	10	100	17,72
698102018	18 x 1/2"	24	42	16	22	112	10	200	17,28
698304018	18 x 3/4"	26	42	16	22	133	10	100	19,18
698102022	22 x 1/2"	26	42	15	21	129	10	100	20,59
698304022	22 x 3/4"	29	42	16	21	152	10	100	12,16
698100022	22 x 1"	32	45	19	24	203	10	100	19,34
698102028	28 x 1/2"	29	47	16	24	168	5	50	21,62
698100028	28 x 1"	35	48	19	25	240	5	50	22,17
698114035	35 x 1 1/4"	45	55	23	29	403	5	40	36,55
698112042	42 x 1 1/2"	52	65	23	35	541	2	30	47,10
698200054	54 x 2"	60	78	27	42	1085	2	20	74,81


682
"T"

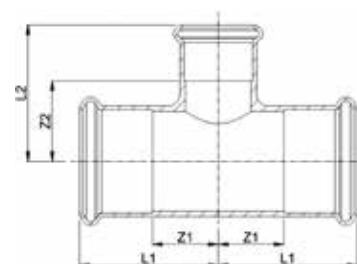
- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: EPDM nero - black - Schwarz - noir - negro

B 70 71

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
682012000	12	31	31	11	11	54	20	200	3,91
682015000	15	32	32	13,5	12	75	20	200	3,91
682018000	18	34	34	13,5	14	96	20	100	5,33
682022000	22	37	37	16	16	125	10	100	6,79
682028000	28	42	42	19	19	174	10	50	11,79
682035000	35	50	50	24	24	245	4	32	19,94
682042000	42	57	63	27	33	345	4	20	38,63
682054000	54	69	78	33,5	42	559	2	12	47,80


692
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

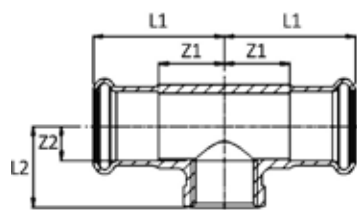
MATERIAL: Cu-DHP99,9 - CW024A

O-RING: EPDM nero - black - Schwarz - noir - negro

B 70 71

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
692015012	15 x 12 x 15	32	32	12	12	69	20	100	4,51
692018012	18 x 12 x 18	34	35	14	15	84	20	100	5,01
692018015	18 x 15 x 18	34	35	14	15	93	20	100	4,79
692022012	22 x 12 x 22	37	35	16	15	106	10	100	6,04
692022015	22 x 15 x 22	37	38	16	18	122	10	100	5,76
692022018	22 x 18 x 22	37	38	16	18	128	10	100	7,40
692028015	28 x 15 x 28	42	40,5	19	20,5	167	10	50	13,52
692028018	28 x 18 x 28	42	40,5	19	20,5	168	10	50	18,69
692028022	28 x 22 x 28	42	41	19	20	173	10	50	13,47
692035015	35 x 15 x 35	50	44	24	24	250	5	50	19,94
692035018	35 x 18 x 35	50	44	24	24	241	5	50	21,08
692035022	35 x 22 x 35	50	44	24	23	237	5	50	18,26
692035028	35 x 28 x 35	50	44	24	21	231	5	35	19,23
692042015	42 x 15 x 42	57	47,5	27	27,5	338	4	20	36,40
692042018	42 x 18 x 42	57	47,5	27	27,5	338	4	20	35,85
692042022	42 x 22 x 42	57	53	27	32	330	4	20	34,94
692042028	42 x 28 x 42	57	56	27	33	323	4	20	35,42
692042035	42 x 35 x 42	57	61	27	35	338	4	20	36,73
692054022	54 x 22 x 54	69	59	33,5	38	469	2	16	54,82
692054028	54 x 28 x 54	69	64	33,5	41	465	2	16	56,50
692054035	54 x 35 x 54	69	67	33,5	41	502	2	16	58,67
692054042	54 x 42 x 54	69	70	33,5	40	489	2	16	43,89

B 70 71



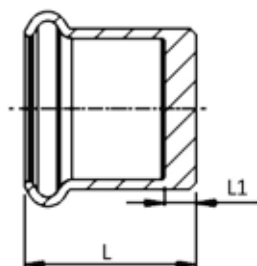
689

"T" CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: CuSn5Zn5Pb2 - CC 499K**O-RING:** EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm				€
689102012	12 x 1/2" x 12	34	24	14	10	104	10	100	12,34
689308015	15 x 3/8" x 15	41,5	22,5	21,5	10,5	118	10	100	21,08
689102015	15 x 1/2" x 15	41,5	22,5	21,5	8,5	128	10	150	12,01
689102018	18 x 1/2" x 18	42	24	22	10	145	10	100	20,87
689102022	22 x 1/2" x 22	42	26	21	12	170	10	100	16,85
689304022	22 x 3/4" x 22	42	30	21	14	183	10	100	24,17
689102028	28 x 1/2" x 28	44	29	21	15	211	5	50	21,08
689304028	28 x 3/4" x 28	44	30	21	14	216	5	50	27,38
689100028	28 x 1" x 28	44	34	21	16	265	5	50	28,25
689102035	35 x 1/2" x 35	50	34	24	19	308	5	50	28,90
689304035	35 x 3/4" x 35	50	34	24	18	305	5	40	29,33
689100035	35 x 1" x 35	50	35	24	17	329	5	40	30,64
689102042	42 x 1/2" x 42	57	38	27	23	419	4	32	35,04
689304042	42 x 3/4" x 42	57	38	27	22	415	4	32	38,03
689102054	54 x 1/2" x 54	69	44	33	30	638	2	14	41,73
689304054	54 x 3/4" x 54	69	44	33	28	639	2	14	45,63



683/003

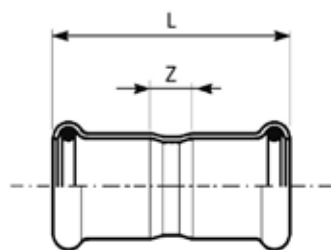
B 70 71

TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: Cu-DHP99,9 - CW024A**O-RING:** EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	L1 mm				€
683012003	12	20	3	14	20	500	2,99
683015003	15	22,5	2,5	20	20	500	5,06
683018003	18	23	3	25	10	300	6,68
683022003	22	24,5	2,5	34	10	200	8,81
683028003	28	26,5	3,5	49	10	150	13,58
683035003	35	28,5	2,5	65	5	100	14,78
683042003	42	32,5	2,5	93	4	80	22,88
683054003	54	37,5	2,5	147	4	40	27,92



683/000

B 70 71

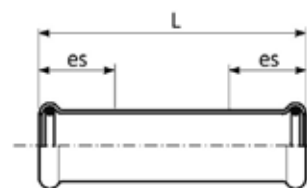
MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm				€
683012000	12	42	6	38	20	500	2,45
683015000	15	49	9	39	20	500	2,45
683018000	18	50	10	47	20	300	3,10
683022000	22	53	11	62	20	200	3,65
683028000	28	56	10	84	10	150	6,68
683035000	35	63	10	108	10	100	8,32
683042000	42	72	12	156	4	60	15,65
683054000	54	83	13	225	2	24	19,67



683/001

B 70 71

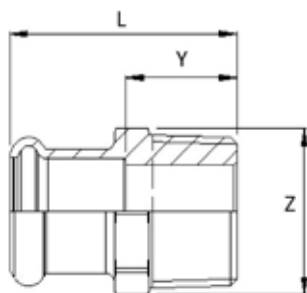
MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: EPDM nero - black - Schwarz - noir - negro

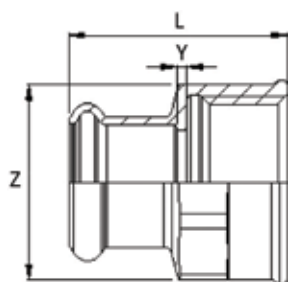
CODE	De mm	L mm	es				€
683012001	12	56	22	33	20	500	2,67
683015001	15	80	25	58	20	200	2,67
683018001	18	80	25	66	20	200	3,15
683022001	22	80	25	80	20	100	3,76
683028001	28	90	30	110	10	100	6,91
683035001	35	102	30	167	10	50	9,02
683042001	42	120	40	223	4	40	16,41
683054001	54	140	40	333	4	20	21,19

**687****MANICOTTO MISTO FILETTO M**

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: CuSn5Zn5Pb2 - CC 499K**O-RING:** EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	 g			€
687308012	12 x 3/8"	39	22	19	28	20	400	3,76
687102012	12 x 1/2"	42,5	22	22,5	42	20	400	2,67
687308015	15 x 3/8"	37	22	17	34	20	400	4,19
687102015	15 x 1/2"	41,5	27	21,5	50	20	300	2,67
687304015	15 x 3/4"	43	27	23	68	20	300	5,55
687102018	18 x 1/2"	41	27	21	96	20	100	3,48
687304018	18 x 3/4"	43	27	23	60	10	200	3,91
687102022	22 x 1/2"	42,5	32	21,5	54	10	200	5,50
687304022	22 x 3/4"	44	32	23	60	10	200	4,94
687100022	22 x 1"	50	36	29	90	10	100	6,63
687304028	28 x 3/4"	45	36	22	90	10	100	15,06
687100028	28 x 1"	50	36	27	94	10	100	9,19
687114028	28 x 1 1/4"	52	43	29	181	10	100	18,96
687100035	35 x 1"	52	41	26	126	5	50	20,97
687114035	35 x 1 1/4"	53	43	27	172	5	50	20,11
687112035	35 x 1 1/2"	53	51	27	220	5	50	21,72
687114042	42 x 1 1/4"	56	51	26	218	4	40	27,33
687112042	42 x 1 1/2"	60	51	30	205	4	40	28,15
687112054	54 x 1 1/2"	64	65	28	300	4	32	47,47
687200054	54 x 2"	69	65	33	324	4	32	54,32



690

MANICOTTO MISTO FILETTO F

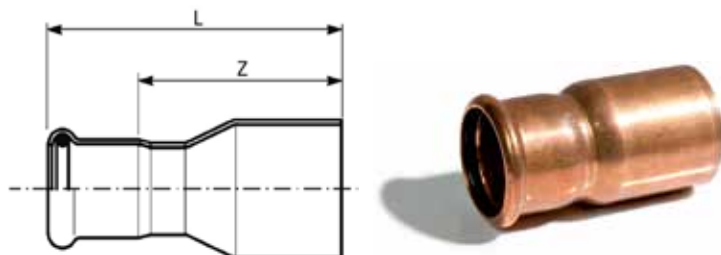
- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: CuSn5Zn5Pb2 - CC 499K

O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm				€
690308012	12 x 3/8"	34	22	2	34	20	400	3,32
690102012	12 x 1/2"	37	27	2	52	20	400	3,32
690308015	15 x 3/8"	34	22	2	37	20	300	3,70
690102015	15 x 1/2"	37	27	2	53	20	300	3,38
690304015	15 x 3/4"	39	32	2	60	10	200	6,85
690102018	18 x 1/2"	37,5	27	2	56	20	300	4,68
690304018	18 x 3/4"	39	32	2	60	10	200	9,08
690102022	22 x 1/2"	38	32	1,5	59	20	200	5,11
690304022	22 x 3/4"	40	32	2	69	10	150	5,60
690100022	22 x 1"	42,5	38	2	103	10	100	8,32
690102028	28 x 1/2"	39	32	1	95	20	100	15,98
690304028	28 x 3/4"	41,5	36	2	90	10	100	17,65
690100028	28 x 1"	45	40	2,5	112	10	100	9,94
690114028	28 x 1 1/4"	48	46	3	147	10	100	18,31
690100035	35 x 1"	47	41	2	118	5	100	22,33
690114035	35 x 1 1/4"	51	46	3	149	5	100	22,05
690114042	42 x 1 1/4"	55	51	3	186	4	40	31,18
690112042	42 x 1 1/2"	54,5	53	2,5	201	4	40	31,99
690200054	54 x 2"	65	65	3	316	4	32	55,74



691

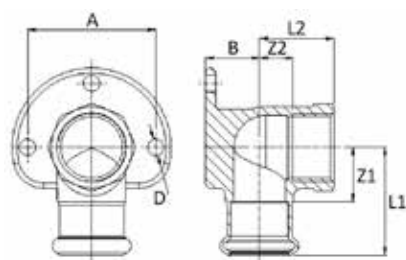
RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm				€
691015012	15 x 12	51	31	20	20	500	2,17
691018012	18 x 12	53	33	36	20	500	2,29
691018015	18 x 15	57	37	42	20	500	2,17
691022015	22 x 15	64	44	53	20	400	2,61
691022018	22 x 18	59,5	39,5	52	20	300	2,72
691028015	28 x 15	54	34	48	20	200	6,42
691028018	28 x 18	53	33	54	20	200	6,58
691028022	28 x 22	65	44	72	20	200	6,74
691035022	35 x 22	59	38	68	10	100	7,99
691035028	35 x 28	71	48	98	10	100	8,70
691042022	42 x 22	66	45	97	4	80	13,70
691042028	42 x 28	65	42	99	4	80	13,32
691042035	42 x 35	80,5	54,5	137	4	40	12,72
691054022	54 x 22	74	53	154	4	40	32,59
691054028	54 x 28	70	47	148	4	40	27,44
691054035	54 x 35	76	50	159	4	40	17,82
691054042	54 x 42	97,5	67,5	204	4	32	17,06



685

GOMITO MISTO 90° FF

- WALL PLATE ELBOW 90° WITH FEMALE THREAD
- DECKENWINKEL 90° IG
- EQUEURRE 90° FF
- CODO PLACA HH

MATERIAL: CuSn5Zn5Pb2 - CC 499K

O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm				€
685102012	12 x 1/2"	34	24	14	9	40	12	6,5	155	10	100	10,82
685102015	15 x 1/2"	41,5	22,5	21,5	7	40	14	6,5	172	10	100	8,70
685102018	18 x 1/2"	42	24	22	9	40	15	6,5	188	10	100	13,91
685304022	22 x 3/4"	42	29	21	13	50	21	6,5	249	10	100	22,71
685100022	22 x 1"	45	32	24	13	50	30	6,5	315	10	50	23,59
685100028	28 x 1"	48	35	25	16	50	30	6,5	366	5	50	31,51

B 70 71
NEW
684/002
BOCCHETTONE SEDE PIANA FILETTO M

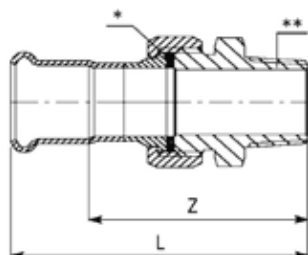
- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: CuSn5Zn5Pb2 - CC 499K

FITTING: [**]: ottone - brass - Messing - laiton - latón

O-RING: EPDM nero - black - Schwarz - noir - negro

GASKET: [*]: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)


CODE	De x R mm x inch	L mm	Z mm	Gasket mm				€
684015002	15 x 1/2"	66	46	24x14 thk 2,5	164	2	200	25,80
684015012	15 x 3/4"	67	47	24x14 thk 2,5	195	2	160	26,61
684018002	18 x 1/2"	65,5	45,5	24x14 thk 2,5	160	2	160	30,23
684018012	18 x 3/4"	66,5	46,5	24x14 thk 2,5	191	2	160	31,05
684022002	22 x 3/4"	67	46	30x20 thk 2,5	252	2	100	40,38
684022012	22 x 1"	68,5	47,5	30x20 thk 2,5	242	2	100	40,76
684028002	28 x 1"	80	56	39x27 thk 2,5	432	2	60	61,95
684035002	35 x 1 1/4"	89	62	44,5x30 thk 2,5	684	2	40	77,54
684042002	42 x 1 1/2"	92,5	62,5	50,5x38 thk 2,5	716	2	30	93,50
684054002	54 x 2"	106	70	65,5x45 thk 3	1344	2	20	150,37

B 70 71
NEW
684/003
BOCCHETTONE SEDE PIANA FILETTO F

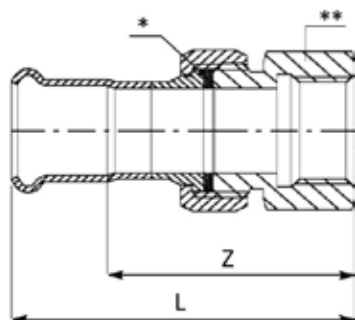
- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: CuSn5Zn5Pb2 - CC 499K

FITTING: [**]: ottone - brass - Messing - laiton - latón

O-RING: EPDM nero - black - Schwarz - noir - negro

GASKET: [*]: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)


CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm				€
684012003	12 x 3/8"	59,5	39,5	18x10 thk 2,5	156	2	250	27,23
684012013	12 x 1/2"	59,5	39,5	18x10 thk 2,5	142	2	250	30,65
684015003	15 x 1/2"	60,5	40,5	24x14 thk 2,5	170	2	250	24,61
684015013	15 x 3/4"	62,5	42,5	24x14 thk 2,5	191	2	120	29,69
684018003	18 x 1/2"	62	42	24x14 thk 2,5	168	2	140	29,50
684018013	18 x 3/4"	62	42	24x14 thk 2,5	185	2	120	34,13
684022003	22 x 1/2"	62,5	41,5	30x20 thk 2,5	299	2	80	39,65
684022013	22 x 3/4"	63,5	42,5	30x20 thk 2,5	250	2	80	39,40
684022023	22 x 1"	67,5	46,5	30x20 thk 2,5	273	2	60	42,48
684028003	28 x 1"	73	49	39x27 thk 2,5	481	2	60	58,21
684035003	35 x 1 1/4"	81	54	44,5x30 thk 2,5	638	2	30	69,26
684042003	42 x 1 1/2"	84,5	54,5	50,5x38 thk 2,5	682	2	30	86,47
684054003	54 x 2"	104	68	65,5x45 thk 3	1355	2	20	147,49

Certificazioni / Certifications

		PRODUKTE DER GASVERSORGUNG	DG-8531CL0376	Ø 15 – 54 mm
		RACCORDI A PRESSARE PER GAS – PLUMBING FITTINGS FOR GASES	CA06.00293	Ø 15 – 54 mm

Campi di applicazione / Fields of application

AES PRES[®] GAS

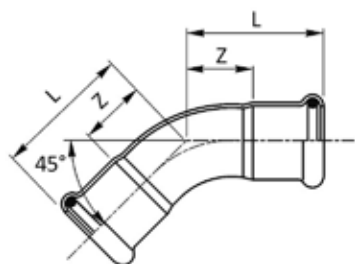


Gas metano
Natural Gas

AES PRES[®] GAS O-ring NBR

Giallo | Yellow | Gelb | Jaune | Amarillo



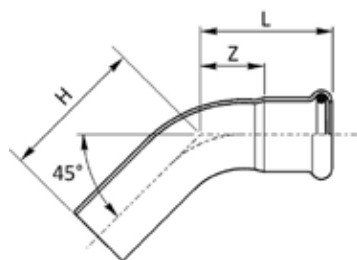
B 70 72

681/450 G
CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: NBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm			€
681015450G	15	27,5	7,5	36	4	3,27
681018450G	18	29,5	9,5	53	4	3,48
681022450G	22	32	11	71	4	4,24
681028450G	28	37	14	101	4	12,88
681035450G	35	43,5	17,5	138	1	18,42
681042450G	42	51	21	200	1	29,87
681054450G	54	62	26,5	306	1	41,83

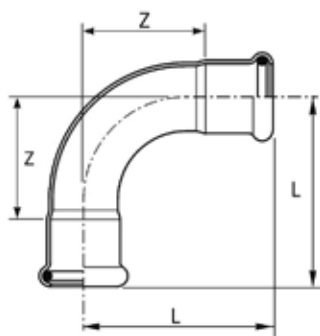
B 70 72

681/451 G
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: NBR giallo - yellow - Gelb - jaune - amarillo

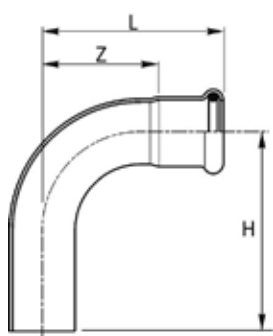
CODE	De mm	L mm	H mm	Z mm			€
681015451G	15	27,5	40	7,5	41	4	2,67
681018451G	18	29,5	36	9,5	50	4	3,53
681022451G	22	32	42	11	69	4	3,91
681028451G	28	37	46	14	99	4	12,82
681035451G	35	43,5	57,5	17,5	144	1	17,77
681042451G	42	51	72	21	215	1	27,82
681054451G	54	62	82	26,5	333	1	41,24

**681/900 G****B7072****CURVA 90° FF**

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: Cu-DHP99,9 - CW024A**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo

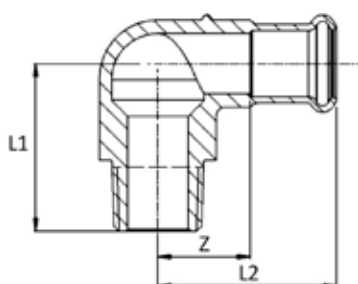
CODE	De mm	L mm	Z mm	 g		€
681015900G	15	38	18	51	4	2,99
681018900G	18	41,5	21,5	62	4	3,91
681022900G	22	47	26	88	4	4,89
681028900G	28	56	33	128	4	9,89
681035900G	35	68	42	180	1	19,56
681042900G	42	80	50	265	1	37,27
681054900G	54	100	64,5	419	1	50,31

**691/901 G****B7072****CURVA 90° MF**

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: Cu-DHP99,9 - CW024A**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	H mm	Z mm	 g		€
681015901G	15	38	48	18	49	4	2,78
681018901G	18	41,5	48,5	21,5	62	4	3,76
681022901G	22	47	57	26	87	4	5,01
681028901G	28	56	64	33	130	4	10,82
681035901G	35	68	82	42	195	1	19,29
681042901G	42	80	101	50	278	1	38,09
681054901G	54	100	120	64,5	435	1	50,95


697 G
B 70 72
GOMITO MISTO 90° FILETTO M

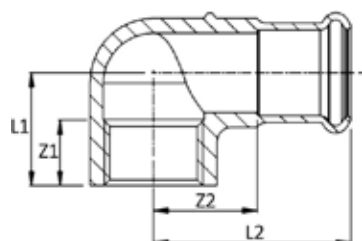
- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: CuSn5Zn5Pb2 - CC 499K

O-RING: NBR giallo - yellow - Gelb - jaune - amarillo

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm			€
697308015G	15 x 3/8"	35	41,5	21,5	86	4	21,52
697102015G	15 x 1/2"	38,5	41,5	21,5	131	4	14,45
697102018G	18 x 1/2"	40	42	22	136	4	23,03
697304018G	18 x 3/4"	44	42	22	177	4	22,43
697102022G	22 x 1/2"	42	42	21	162	4	27,44
697304022G	22 x 3/4"	47	42	21	193	4	23,31
697102028G	28 x 1/2"	45	47	24	199	4	38,14
697100028G	28 x 1"	53	45	24	318	4	34,99
697114035G	35 x 1 1/4"	68	55	29	471	1	46,44
697112042G	42 x 1 1/2"	75	65	35	660	1	63,45
697200054G	54 x 2"	88	78	42	1078	1	89,74


698 G
B 70 72
GOMITO MISTO 90° FILETTO F

- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

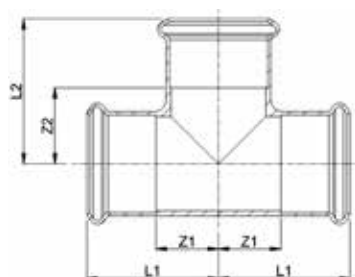
MATERIAL: CuSn5Zn5Pb2 - CC 499K

O-RING: NBR giallo - yellow - Gelb - jaune - amarillo

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm			€
698308015G	15 x 3/8"	22,5	41,5	12	21,5	87	4	21,19
698102015G	15 x 1/2"	22,5	41,5	16	21,5	102	4	9,02
698304015G	15 x 3/4"	25	41,5	16	21,5	125	4	20,37
698102018G	18 x 1/2"	24	42	16	22	112	4	19,88
698304018G	18 x 3/4"	26	42	16	22	133	4	22,05
698102022G	22 x 1/2"	26	42	15	21	129	4	23,69
698304022G	22 x 3/4"	29	42	16	21	152	4	14,02
698100022G	22 x 1"	32	45	19	24	203	4	22,28
698102028G	28 x 1/2"	29	47	16	24	168	4	24,87
698100028G	28 x 1"	35	48	19	25	240	4	25,53
698114035G	35 x 1 1/4"	45	55	23	29	403	1	42,04
698112042G	42 x 1 1/2"	52	65	23	35	541	1	54,21
698200054G	54 x 2"	60	78	27	42	1085	1	86,05

B7072



682 G

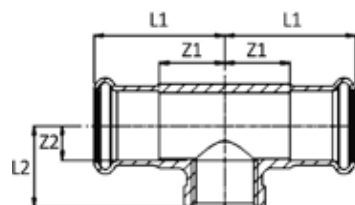
"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: Cu-DHP99,9 - CW024A**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm			€
682015000G	15	32	32	13,5	12	75	4	4,51
682018000G	18	34	34	13,5	14	96	4	6,14
682022000G	22	37	37	16	16	125	4	7,83
682028000G	28	42	42	19	19	174	4	13,58
682035000G	35	50	50	24	24	245	1	22,98
682042000G	42	57	63	27	33	345	1	44,44
682054000G	54	69	78	33,5	42	559	1	54,97

B7072



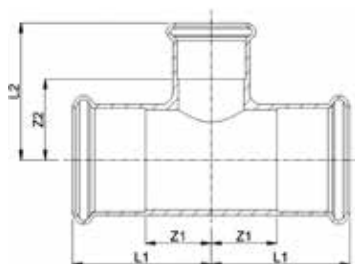
689 G

"T" CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: CuSn5Zn5Pb2 - CC 499K**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm			€
689308015G	15 x 3/8" x 15	41,5	22,5	21,5	10,5	118	4	24,29
689102015G	15 x 1/2" x 15	41,5	22,5	21,5	8,5	128	4	13,85
689102018G	18 x 1/2" x 18	42	24	22	10	145	4	24,02
689102022G	22 x 1/2" x 22	42	26	21	12	170	4	19,39
689304022G	22 x 3/4" x 22	42	30	21	14	183	4	27,82
689102028G	28 x 1/2" x 28	44	29	21	15	211	4	24,29
689304028G	28 x 3/4" x 28	44	30	21	14	216	4	31,51
689100028G	28 x 1" x 28	44	34	21	16	265	4	32,49
689102035G	35 x 1/2" x 35	50	34	24	19	308	1	33,25
689304035G	35 x 3/4" x 35	50	34	24	18	305	1	33,73
689100035G	35 x 1" x 35	50	35	24	17	329	1	35,26
689102042G	42 x 1/2" x 42	57	38	27	23	419	1	40,31
689304042G	42 x 3/4" x 42	57	38	27	22	415	1	43,73
689102054G	54 x 1/2" x 54	69	44	33	30	638	1	48,03
689304054G	54 x 3/4" x 54	69	44	33	28	639	1	52,47

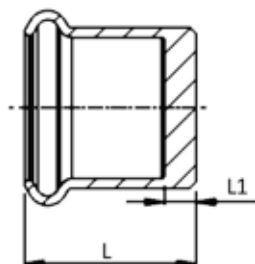
B 70 72

692 G
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: NBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm			€
692018015G	18 x 15 x 18	34	35	14	15	93	4	5,55
692022015G	22 x 15 x 22	37	38	16	18	122	4	6,63
692022018G	22 x 18 x 22	37	38	16	18	128	4	8,53
692028015G	28 x 15 x 28	42	40,5	19	20,5	167	4	15,59
692028018G	28 x 18 x 28	42	40,5	19	20,5	168	4	21,52
692028022G	28 x 22 x 28	42	41	19	20	173	4	15,54
692035015G	35 x 15 x 35	50	44	24	24	250	1	22,98
692035018G	35 x 18 x 35	50	44	24	24	241	1	24,29
692035022G	35 x 22 x 35	50	44	24	23	237	1	21,02
692035028G	35 x 28 x 35	50	44	24	21	231	1	22,17
692042015G	42 x 15 x 42	57	47,5	27	27,5	338	1	41,88
692042018G	42 x 18 x 42	57	47,5	27	27,5	338	1	41,24
692042022G	42 x 22 x 42	57	53	27	32	330	1	40,20
692042028G	42 x 28 x 42	57	56	27	33	323	1	40,74
692042035G	42 x 35 x 42	57	61	27	35	338	1	42,27
692054022G	54 x 22 x 54	69	59	33,5	38	469	1	63,07
692054028G	54 x 28 x 54	69	64	33,5	41	465	1	64,97
692054035G	54 x 35 x 54	69	67	33,5	41	502	1	67,48
692054042G	54 x 42 x 54	69	70	33,5	40	489	1	50,52

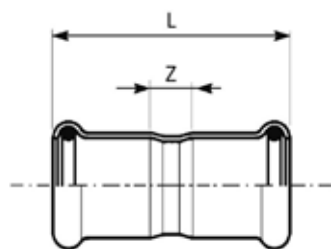

683/003 G
TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: NBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	L1 mm			€
683015003G	15	22,5	2,5	20	4	5,81
683018003G	18	23	3	25	4	7,73
683022003G	22	24,5	2,5	34	4	10,17
683028003G	28	26,5	3,5	49	4	15,65
683035003G	35	28,5	2,5	65	1	17,01
683042003G	42	32,5	2,5	93	1	26,36
683054003G	54	37,5	2,5	147	1	32,17

**683/000 G****B7072****MANICOTTO**

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: Cu-DHP99,9 - CW024A**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo

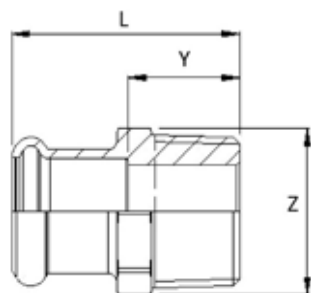
CODE	De mm	L mm	Z mm	 g		€
683015000G	15	49	9	39	4	2,83
683018000G	18	50	10	47	4	3,58
683022000G	22	53	11	62	4	4,24
683028000G	28	56	10	84	4	7,73
683035000G	35	63	10	108	1	9,57
683042000G	42	72	12	156	1	18,04
683054000G	54	83	13	225	1	22,66

**683/001 G****B7072****MANICOTTO PASSANTE**

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: Cu-DHP99,9 - CW024A**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	es	 g		€
683015001G	15	80	25	58	4	3,10
683018001G	18	80	25	66	4	3,65
683022001G	22	80	25	80	4	4,35
683028001G	28	90	30	110	4	7,99
683035001G	35	102	30	167	1	10,37
683042001G	42	120	40	223	1	18,90
683054001G	54	140	40	333	1	24,39



687 G

B 70 72

MANICOTTO MISTO FILETTO M

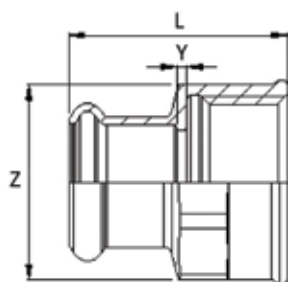
- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: CuSn5Zn5Pb2 - CC 499K

O-RING: NBR giallo - yellow - Gelb - jaune - amarillo

THREAD: EN 10226-1 (ex ISO 7/1)

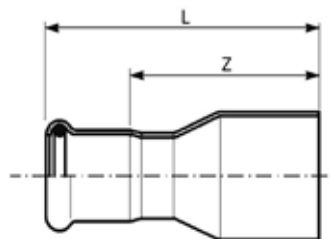
CODE	De x R mm x inch	L mm	Z mm	Y mm			€
687308015G	15 x 3/8"	37	22	17	34	4	4,84
687102015G	15 x 1/2"	41,5	27	21,5	50	4	3,10
687304015G	15 x 3/4"	43	27	23	68	4	6,42
687102018G	18 x 1/2"	41	27	21	96	4	4,02
687304018G	18 x 3/4"	43	27	23	60	4	4,51
687102022G	22 x 1/2"	42,5	32	21,5	54	4	6,37
687304022G	22 x 3/4"	44	32	23	60	4	5,71
687100022G	22 x 1"	50	36	29	90	4	7,66
687304028G	28 x 3/4"	45	36	22	90	4	17,33
687100028G	28 x 1"	50	36	27	94	4	10,60
687114028G	28 x 1 1/4"	52	43	29	181	1	21,85
687100035G	35 x 1"	52	41	26	126	1	24,12
687114035G	35 x 1 1/4"	53	43	27	172	1	23,14
687112035G	35 x 1 1/2"	53	51	27	220	1	25,00
687114042G	42 x 1 1/4"	56	51	26	218	1	31,46
687112042G	42 x 1 1/2"	60	51	30	205	1	32,38
687112054G	54 x 1 1/2"	64	65	28	300	1	54,65
687200054G	54 x 2"	69	65	33	324	1	62,47

**690 G****MANICOTTO MISTO FILETTO F**

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: CuSn5Zn5Pb2 - CC 499K**O-RING:** NBR giallo - yellow - Gelb - jaune - amarillo**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	 g		€
690308015G	15 x 3/8"	34	22	2	37	4	4,30
690102015G	15 x 1/2"	37	27	2	53	4	3,91
690304015G	15 x 3/4"	39	32	2	60	4	7,88
690102018G	18 x 1/2"	37,5	27	2	56	4	5,38
690304018G	18 x 3/4"	39	32	2	60	4	10,50
690102022G	22 x 1/2"	38	32	1,5	59	4	5,93
690304022G	22 x 3/4"	40	32	2	69	4	6,47
690100022G	22 x 1"	42,5	38	2	103	4	9,57
690102028G	28 x 1/2"	39	32	1	95	4	18,42
690304028G	28 x 3/4"	41,5	36	2	90	4	20,31
690100028G	28 x 1"	45	40	2,5	112	4	11,46
690114028G	28 x 1 1/4"	48	46	3	147	4	21,08
690100035G	35 x 1"	47	41	2	118	1	25,70
690114035G	35 x 1 1/4"	51	46	3	149	1	25,38
690114042G	42 x 1 1/4"	55	51	3	186	1	35,92
690112042G	42 x 1 1/2"	54,5	53	2,5	201	1	36,83
690200054G	54 x 2"	65	65	3	316	1	64,10

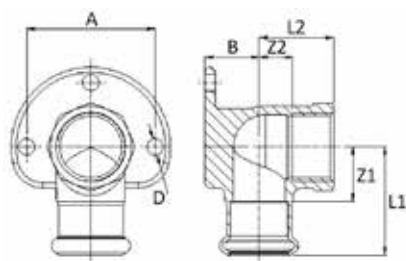

691 G
B 70 72
RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: Cu-DHP99,9 - CW024A

O-RING: NBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm			€
691018015G	18 x 15	57	37	42	4	2,50
691022015G	22 x 15	64	44	53	4	3,05
691022018G	22 x 18	59,5	39,5	52	4	3,15
691028015G	28 x 15	54	34	48	4	7,40
691028018G	28 x 18	53	33	54	4	7,61
691028022G	28 x 22	65	44	72	4	7,78
691035022G	35 x 22	59	38	68	1	9,24
691035028G	35 x 28	71	48	98	1	10,00
691042022G	42 x 22	66	45	97	1	15,76
691042028G	42 x 28	65	42	99	1	15,32
691042035G	42 x 35	80,5	54,5	137	1	14,67
691054022G	54 x 22	74	53	154	1	37,48
691054028G	54 x 28	70	47	148	1	31,56
691054035G	54 x 35	76	50	159	1	20,54
691054042G	54 x 42	97,5	67,5	204	1	19,67


685 G
B 70 72
GOMITO MISTO 90° FF

- WALL PLATE ELBOW 90° WITH FEMALE THREAD
- DECKENWINKEL 90° IG
- EQUERRE 90° FF
- CODO PLACA

MATERIAL: CuSn5Zn5Pb2 - CC 499K

O-RING: NBR giallo - yellow - Gelb - jaune - amarillo

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm			€
685102015G	15 x 1/2"	41,5	22,5	21,5	7	40	14	6,5	172	4	10,00
685102018G	18 x 1/2"	42	24	22	9	40	15	6,5	188	4	16,03
685304022G	22 x 3/4"	42	29	21	13	50	21	6,5	247	4	26,13

Certificazioni / Certifications

		Giunti meccanici per tubolature - Marinepres	MAC - 069514CS/002	Ø 15 - 108 mm
		Tube fittings - Marinepres	P - 15241	Ø 15 - 108 mm
		Press fit system of compression type for piping systems	15/20055	Ø 15 - 108 mm
		PIPE COUPLING WITH O-RING SEAL MARINEPRES System	38059/A0 BV	Ø 15 - 108 mm
		Marinepres, piping system and fitting	15-GEI308502-PDA	Ø 15 - 108 mm

Campi di applicazione / Fields of application

MARINE PRES®



Riscaldamento
Heating



Raffrescamento
Cooling



Solare termico
Solar Thermal



Aria compressa
Compressed Air



Antincendio
Fire Protection Systems



Acque di processo
Process Water



Scarichi
Wastewater

MARINE PRES® O-ring FKM

Verde | Green | Grün | Vert | Verde





616/000 CN

≤54 B 90 91

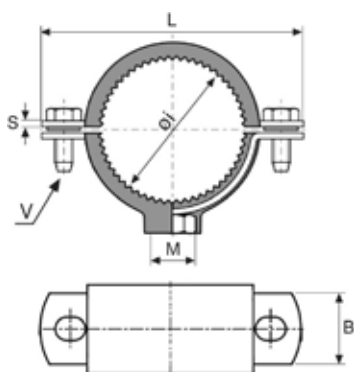
≥76 B 90 92

PER IMPIANTI NAVALI

- FOR SHIPYARD SECTOR
- FÜR SCHIFFSBEREICH
- POUR SECTEUR NAVAL
- PARA SECTOR NAVAL

Mat. Nr.: CuNi10Fe1.6Mn

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	€
616015000CN	15 x 1,0	13	6	0,39	0,133	60	17,27
616018000CN	18 x 1,0	16	6	0,48	0,201	60	21,00
616022000CN	22 x 1,0	20	6	0,59	0,314	60	25,94
616028000CN	28 x 1,5	25	6	1,12	0,491	30	49,06
616035000CN	35 x 1,5	32	6	1,41	0,804	30	62,05
616042000CN	42 x 1,5	39	6	1,71	1,194	30	75,04
616054000CN	54 x 1,5	51	6	2,21	2,042	30	97,29
616076000CN	76,1 x 2,0	72,1	6	4,16	4,08	6	on demand
616088000CN	88,9 x 2,0	84,9	6	4,88	5,66	6	on demand
616108000CN	108 x 2,5	103	6	7,41	8,332	6	on demand



Conforme a
Conform to
Entsprechend
Correspondant
Conforme a la

DIN 4109

156/G

A 50 50

COLLARE GOMMA PER TUBO MARINEPRES

- CLAMP WITH RUBBER FOR MARINEPRES PIPE
- ROHRSCHELLE MIT GUMMIEINLAGE FÜR MARINEPRES ROHR
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE POUR TUBE MARINEPRES
- ABRAZADERA ISOFÓNICA PARA TUBO MARINEPRES

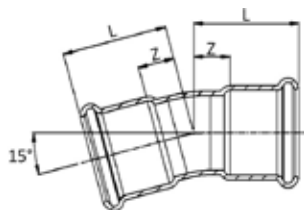
MATERIAL: AISI 304 / W. 1.4301

VULCANIZED RUBBER: EPDM [-20° C/+120° C]
durezza/hardness 55 Shore

NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	Øi mm	M	V mm	B mm	L mm	S mm	g	box	€
156150304G	15	M 8	M 6 x 20	20	58	2	62	50	5,31
156308304G	18	M 8	M 6 x 20	20	58	2	62	50	5,31
156102304G	22	M 8	M 6 x 20	20	63,5	2	70	50	5,42
156304304G	28	M 8	M 6 x 20	20	70	2	78	50	5,63
156100304G	35	M 8	M 6 x 20	20	79	2	84	50	5,96
156114304G	42	M 8	M 6 x 20	20	85	2	96	50	6,94
156112304G	54	M 8	M 6 x 20	20	97	2	142	50	7,58
156212304G	76,1	M 10	M 6 x 25	30	128	2	142	10	11,51
156300304G	88,9	M 10	M 6 x 25	30	148	2	164	10	12,47
156108304G*	108	M 8/10	M 6 x 20	20	168	2	160	10	15,06

*Gomma staccabile - Detachable rubber - Abnehmbare Gummi - Caoutchouc amovible - Goma desmontable

**681/150 CN**

≤54 B 80 81

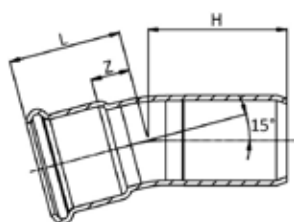
≥76 B 80 82

CURVA 15° FF

- 15° ELBOW FF
- BOGEN 15° II
- COUDE FF 15°
- CURVA 15° HH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm	 g		€
681015150CN	15	30	10	43	20	15,08
681022150CN	22	33	12	72	20	18,61
681028150CN	28	36	13	97	10	21,52
681035150CN	35	37	11	140	10	25,16
681042150CN	42	42	12	200	4	40,97
681054150CN	54	49	13	302	2	52,33
681076150CN	76,1	186	131	1004	2	189,50
681088150CN	88,9	211	147	1394	2	226,41
681108150CN	108	247	169	1896	2	311,22

**681/151 CN**

≤54 B 80 81

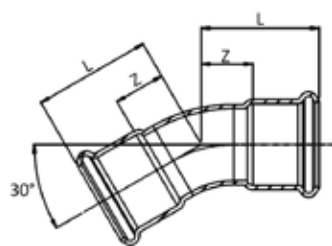
≥76 B 80 82

CURVA 15° MF

- 15° ELBOW MF
- BOGEN 15° IA
- COUDE MF 15°
- CURVA 15° HM

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	H mm	Z mm	 g		€
681015151CN	15	30	40	10	42	20	14,40
681022151CN	22	33	41	12	71	20	17,55
681028151CN	28	36	43	13	101	10	21,34
681035151CN	35	37	41	11	148	10	24,90
681042151CN	42	42	47	12	208	4	39,06
681054151CN	54	49	55	13	339	2	49,34
681076151CN	76,1	186	194	131	1004	2	175,80
681088151CN	88,9	211	219	147	1394	2	207,43
681108151CN	108	247	256	169	1896	2	291,13



681/300 CN

≤54 B 80 81

≥76 B 80 82

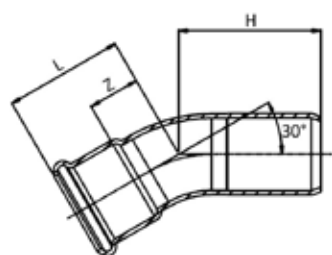
CURVA 30° FF

- 30° ELBOW FF
- BOGEN 30° II
- COUDE FF 30°
- CURVA 30° HH

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
681015300CN	15	33	13	43	20	15,08
681022300CN	22	37	16	72	20	18,61
681028300CN	28	41	18	97	10	21,52
681035300CN	35	37	11	140	10	25,16
681042300CN	42	44	14	200	4	40,97
681054300CN	54	52	17	302	2	52,33
681076300CN	76,1	100	55	1004	2	189,50
681088300CN	88,9	115	64	1394	2	226,41
681108300CN	108	127	68	1896	2	311,22



681/301 CN

≤54 B 80 81

≥76 B 80 82

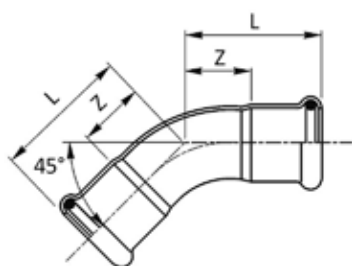
CURVA 30° MF

- 30° ELBOW MF
- BOGEN 30° IA
- COUDE MF 30°
- CURVA 30° HM

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	H mm	Z mm			€
681015301CN	15	33	43	13	42	20	14,40
681022301CN	22	37	46	16	71	20	17,55
681028301CN	28	41	48	18	101	10	21,34
681035301CN	35	37	46	11	148	10	24,90
681042301CN	42	44	54	14	208	4	39,06
681054301CN	54	52	63	17	339	2	49,34
681076301CN	76,1	100	108	55	1004	2	175,80
681088301CN	88,9	115	123	64	1394	2	207,43
681108301CN	108	127	136	68	1896	2	291,13

**681/450 CN**

≤54 B 80 81

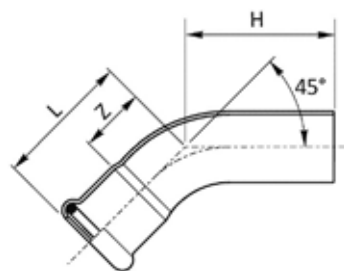
≥76 B 80 82

CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
681015450CN	15	27,5	7,5	43	20	15,08
681018450CN	18	29,5	9,5	54	20	16,75
681022450CN	22	32	11	72	20	18,61
681028450CN	28	37	14	97	10	21,52
681035450CN	35	43,5	17,5	140	10	25,16
681042450CN	42	51	21	200	4	40,97
681054450CN	54	62	26,5	302	2	52,33
681076450CN	76,1	133	78	1004	2	189,50
681088450CN	88,9	144,5	84,5	1394	2	226,41
681108450CN	108	169	94	1896	2	311,22

**681/451 CN**

≤54 B 80 81

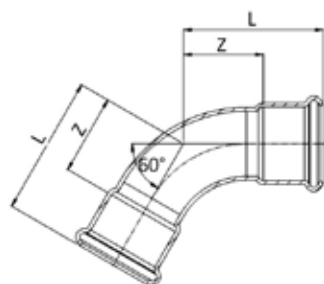
≥76 B 80 82

CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	H mm	Z mm			€
681015451CN	15	27,5	39,5	7,5	42	20	14,40
681018451CN	18	29,5	36	9,5	54	20	15,51
681022451CN	22	32	42	11	71	20	17,55
681028451CN	28	37	46	14	101	10	21,34
681035451CN	35	43,5	57,5	17,5	148	10	24,90
681042451CN	42	51	72	21	208	4	39,06
681054451CN	54	62	82	26,5	339	2	49,34
681076451CN	76,1	133	149	78	1004	2	175,80
681088451CN	88,9	144,5	159,5	84,5	1394	2	207,43
681108451CN	108	169	184	94	1896	2	291,13



681/600 CN

≤54 B 80 81

≥76 B 80 82

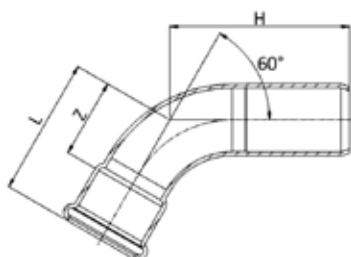
CURVA 60° FF

- 60° ELBOW FF
- BOGEN 60° II
- COUDE FF 60°
- CURVA 60° HH

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
681035600CN	35	71	44	140	5	25,16
681042600CN	42	82	50	200	2	40,97
681054600CN	54	82	44	302	2	52,33
681076600CN	76,1	125	70	1004	2	189,50
681088600CN	88,9	143	79	1394	2	226,41
681108600CN	108	161	83	1896	2	311,22



681/601 CN

≤54 B 80 81

≥76 B 80 82

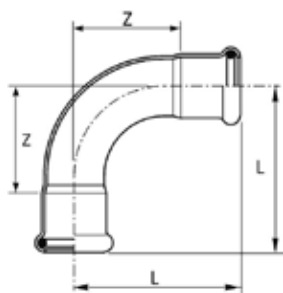
CURVA 60° MF

- 60° ELBOW MF
- BOGEN 60° IA
- COUDE MF 60°
- CURVA 60° HM

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	H mm	Z mm			€
681035601CN	35	71	74	50	148	5	24,90
681042601CN	42	82	86	50	208	2	39,06
681054601CN	54	82	89	45	339	2	49,34
681076601CN	76,1	125	133	70	1004	2	175,80
681088601CN	88,9	143	151	79	1394	2	207,43
681108601CN	108	160	170	83	1896	2	291,13

**681/900 CN**

≤54 B 80 81

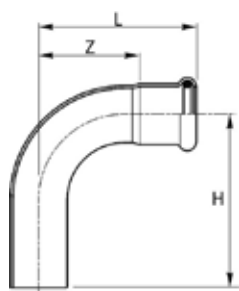
≥76 B 80 82

CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
681015900CN	15	38	18	51	20	11,28
681018900CN	18	41,5	21,5	64	20	13,89
681022900CN	22	47	26	88	10	15,54
681028900CN	28	56	33	124	10	19,08
681035900CN	35	68	42	185	5	30,77
681042900CN	42	80	50	253	2	53,01
681054900CN	54	100	65	427	2	68,59
681076900CN	76,1	160	105	1283	2	163,18
681088900CN	88,9	182	122	1762	2	209,43
681108900CN	108	220	145	2509	2	272,28

**681/901 CN**

≤54 B 80 81

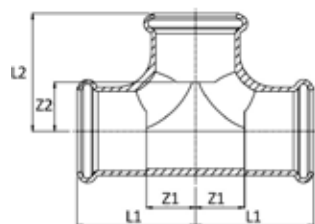
≥76 B 80 82

CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	H mm	Z mm			€
681015901CN	15	38	48	18	51	20	12,28
681018901CN	18	41,5	48,5	21,5	64	20	12,63
681022901CN	22	47	57	26	88	10	14,84
681028901CN	28	56	64	33	124	10	18,38
681035901CN	35	68	82	42	191	5	29,67
681042901CN	42	80	101	50	268	2	48,48
681054901CN	54	100	120	65	422	2	66,50
681076901CN	76,1	160	177	105	1283	2	161,39
681088901CN	88,9	182	197	122	1762	2	192,16
681108901CN	108	220	233	145	2509	2	267,35



682 CN

≤54 B 80 81

≥76 B 80 82

“T”

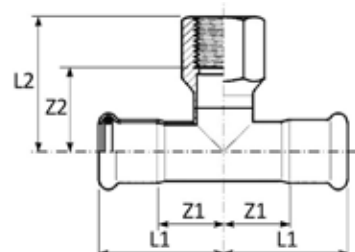
- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm			€
682015000CN*	15	32	32	10,5	10,5	77	20	18,11
682018000CN*	18	34	34	12,5	12,5	95	20	20,02
682022000CN*	22	37	37	14,5	14,5	124	10	21,76
682028000CN*	28	42	42	17,5	17,5	175	10	25,65
682035000CN*	35	50	50	22,5	22,5	252	4	33,18
682042000CN*	42	57	57	25,5	25,5	343	4	45,80
682054000CN*	54	69	69	32,5	32,5	520	2	55,33
682076000CN	76,1	108	117,5	53	62,5	1422	2	354,82
682088000CN	88,9	131,5	134,5	71,5	71,5	1712	2	398,87
682108000CN	108	155	160	80	85	2359	2	498,12

(*) : idroformato - hydroformed - hydrogeformt - hydroformé - hidroformado



689 CN

≤54 B 80 81

≥76 B 80 82

“T” CON DERIVAZIONE
FILETTO F

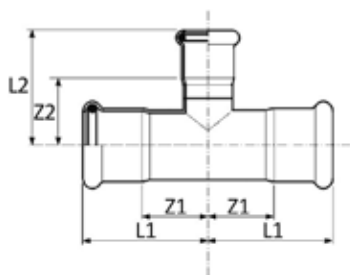
- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm			€
689102015CN	15x1/2"x15	34,5	40	13,5	25	100	20	21,41
689102018CN	18x1/2"x18	36,5	41,5	16,5	26,5	121	20	23,12
689102022CN	22x1/2"x22	39,5	44	18	29	154	10	25,26
689304022CN	22x3/4"x22	39,5	47	18	30,5	159	10	26,77
689102028CN	28x1/2"x28	44	46,5	21	31,5	188	10	27,57
689304028CN	28x3/4"x28	44	49,5	21	33	206	10	31,43
689102035CN	35x1/2"x35	51	50	25,5	35	220	5	32,65
689304035CN	35x3/4"x35	51	53	25,5	36,5	229	5	40,17
689102042CN	42x1/2"x42	58,5	54	28,5	39	302	4	41,18
689304042CN	42x3/4"x42	58,5	56,5	28,5	40	309	4	43,90
689102054CN	54x1/2"x54	69,5	61	34	46	420	2	47,26
689304054CN	54x3/4"x54	69,5	64	34	47,5	436	2	49,72
689304076CN	76,1x3/4"x76,1	108	76	53	59,5	1160	2	314,75
689304088CN	88,9x3/4"x88,9	131,5	83,5	71,5	67	1400	2	349,86
689304108CN	108x3/4"x108	155	93	80	76,5	1896	2	423,40

**692 CN**

≤54 B 80 81

≥76 B 80 82

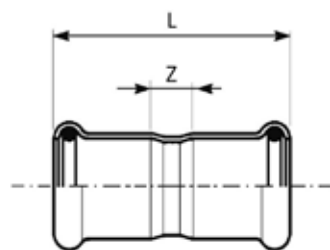
“T” RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm			€
692018015CN*	18x15x18	34	35	12,5	13,5	89	20	19,20
692022015CN*	22x15x22	37	38	14,5	16,5	120	10	20,70
692028015CN*	28x15x28	42	40,5	17,5	19	157	10	24,06
692028018CN*	28x18x28	42	40,5	17,5	19	162	10	25,10
692028022CN*	28x22x28	42	41	17,5	20	166	10	25,56
692035015CN	35x15x35	51	49	25	29	176	5	29,58
692035022CN	35x22x35	51	50,5	25	29,5	186	5	31,20
692035028CN	35x28x35	51	53,5	25	30,5	191	5	31,67
692042022CN	42x22x42	58,5	54	28	33	264	4	43,87
692042028CN	42x28x42	58,5	57	28	34	261	4	44,45
692042035CN	42x35x42	58,5	61	28	35	303	4	48,29
692054022CN	54x22x54	69,5	61,5	34	40,5	368	2	51,07
692054028CN	54x28x54	69,5	65,5	34	41,5	385	2	51,75
692054035CN	54x35x54	69,5	68,5	34	42,5	403	2	54,12
692054042CN	54x42x54	69,5	72	34	42	419	2	58,37
692076022CN	76,1x22x76,1	108	72,5	52	52,5	1110	2	268,69
692076028CN	76,1x28x76,1	108	77	52	54	1132	2	289,15
692076035CN	76,1x35x76,1	108	80	52	54	1143	2	308,66
692076042CN	76,1x42x76,1	108	84	52	54	1165	2	325,77
692076054CN	76,1x54x76,1	108	90	52	55	1188	2	349,76
692088022CN	88,9x22x88,9	132	81	72	60	1361	2	285,01
692088028CN	88,9x28x88,9	132	84	72	61	1366	2	302,80
692088035CN	88,9x35x88,9	132	88	72	62	1389	2	322,55
692088042CN	88,9x42x88,9	132	91	72	61	1400	2	349,83
692088054CN	88,9x54x88,9	132	97	72	62	1428	2	362,43
692088076CN	88,9x76x88,9	132	125	72	70	1656	2	391,72
692108022CN	108x22x108	155	91	74	70	1857	2	303,11
692108028CN	108x28x108	155	94	74	71	1863	2	317,84
692108035CN	108x35x108	155	97	74	71	1980	2	353,11
692108042CN	108x42x108	155	101	74	71	2080	2	368,27
692108054CN	108x54x108	155	107	74	72	2147	2	399,38
692108076CN	108x76,1x108	155	135	74	80	2153	2	416,67
692108088CN	108x88,9x108	155	141	74	81	2192	2	476,04

[*]: idroformato - hydroformed - hydrogeformt - hydroformé - hidroformado



683/000 CN

≤54 B 80 81

≥76 B 80 82

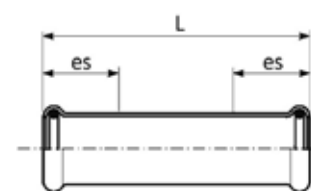
MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
683015000CN	15	49	9	39	20	7,89
683018000CN	18	50	10	47	20	8,39
683022000CN	22	52,5	10,5	60	20	9,39
683028000CN	28	56	10	79	10	10,84
683035000CN	35	62,5	10,5	108	10	14,37
683042000CN	42	72	12	152	4	18,23
683054000CN	54	83	12	221	2	22,04
683076000CN	76,1	142	32	708	4	129,03
683088000CN	88,9	165,5	45,5	853	4	147,43
683108000CN	108	203	53	1305	2	185,76



683/001 CN

≤54 B 80 81

≥76 B 80 82

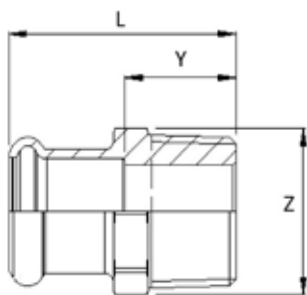
MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

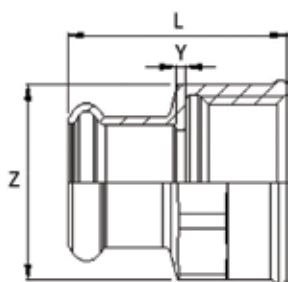
CODE	De mm	L mm	es			€
683015001CN	15	69	25	62	20	12,77
683018001CN	18	73	25	72	20	14,80
683022001CN	22	79	25	95	10	16,95
683028001CN	28	88,5	30	132	10	19,29
683035001CN	35	102,5	30	157	4	21,05
683042001CN	42	117,5	40	261	2	25,30
683054001CN	54	139	40	358	2	30,52
683076001CN	76,1	230	60	1048	2	239,83
683088001CN	88,9	260	70	1383	2	269,40
683108001CN	108	310	80	2047	2	327,85

**687 CN****B 80 81****MANICOTTO MISTO FILETTO M**

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	 g		€
687102015CN	15x1/2"	36	24	16	58	20	18,72
687102018CN	18x1/2"	37	27	17	58	20	19,44
687304018CN	18x3/4"	38	30	18	73	20	20,71
687102022CN	22x1/2"	38	32	17	72	10	21,48
687304022CN	22x3/4"	39	32	18	80	10	22,23
687100028CN	28x1"	44,5	38	21,5	121	10	31,47
687114035CN	35x1"1/4	50	46	24	199	5	53,90
687112042CN	42x1"1/2	54	54	24	244	4	84,30
687200054CN	54x2"	63,5	70	27,5	406	4	134,51

**690 CN****B 80 81****MANICOTTO MISTO FILETTO F**

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	 g		€
690102015CN	15x1/2"	36	30	2	70	20	20,31
690102018CN	18x1/2"	37	30	2	74	20	20,91
690304018CN	18x3/4"	39	34	2	90	10	20,18
690102022CN	22x1/2"	36	32	1	80	20	35,10
690304022CN	22x3/4"	39	34	1,5	87	10	29,29
690102028CN	28x1/2"	39	38	1	115	10	30,41
690100028CN	28x1"	45	43	2,5	148	10	41,46
690114035CN	35x1"1/4	50	50	2	192	5	63,76
690112042CN	42x1"1/2	54	60	2	272	4	96,74
690200054CN	54x2"	65	70	3	399	4	152,02

B 80 81

684/001 CN

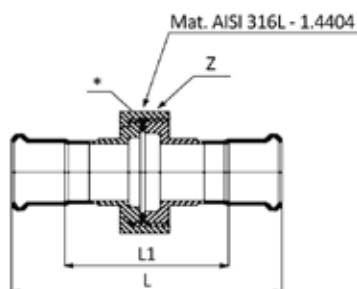
BOCCHETTONE A SEDE PIANA

- FLAT FACED UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN FLACHDICHTEND
- ÉLÉMENT DE TRANSITION FILTÉ PLAT AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS PLANO

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

GASKET: [*]: FKM nero - black - Schwarz - noir - negro



CODE	De mm	L mm	L1 mm	Z mm	Gasket mm			€
684015001CN	15	96	56	18	24x14 thk 2,5	146	10	42,47
684018001CN	18	97	57	20	30x20 thk 2,5	187	10	50,08
684022001CN	22	100	58	24	30x20 thk 2,5	194	10	56,39
684028001CN	28	117	71	32	47,5x33 thk 2,5	450	5	73,22
684035001CN	35	127	75	41	56x42 thk 2,5	617	4	92,38
684042001CN	42	140	80	46	66x56 thk 2,5	797	2	114,61
684054001CN	54	152	82	60	79,5x69 thk 2,5	1176	2	216,58

684/002 CN

BOCCHETTONI A SEDE PIANA FILETTO M

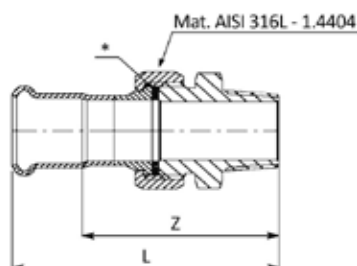
- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: CuNi10Fe1.6Mn

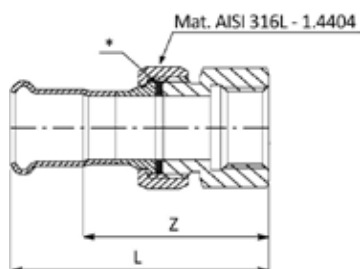
O-RING: FKM verde - green - Grün - vert - verde

GASKET: [*]: FKM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)



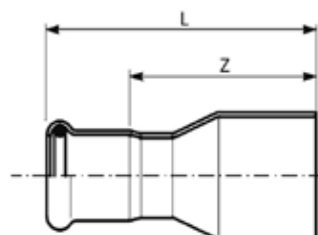
CODE	De x R mm x inch	Z mm	L mm	Gasket mm			€
684015002CN	15x1/2"	56	76	24x14 thk 2,5	142	2	41,46
684018002CN	18x1/2"	56	76	24x14 thk 2,5	144	2	47,24
684022002CN	22x3/4"	59	80	30x20 thk 2,5	202	2	48,64
684028002CN	28x1"	67	90	39x27 thk 2,5	364	2	82,90
684035002CN	35x1 1/4"	74	100	44,5x34 thk 2,5	540	2	105,87
684042002CN	42x1 1/2"	74	104	50,5x40 thk 2,5	563	2	121,60
684054002CN	54x2"	83	118	65,5x53,5 thk 3	823	2	208,78

**684/003 CN****BOCCHETTONI A SEDE PIANA FILETTO F**

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde**GASKET:** [*]: FKM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm			€
684015003CN	15 x 1/2"	70	50	24x14 thk 2,5	140	2	41,46
684018003CN	18 x 1/2"	71	51	24x14 thk 2,5	145	2	50,02
684022003CN	22 x 3/4"	75	54	30x20 thk 2,5	213	2	54,36
684028003CN	28 x 1"	83	60	39x27 thk 2,5	404	2	71,55
684035003CN	35 x 1 1/4"	92	66	44,5x34 thk 2,5	486	2	88,58
684042003CN	42 x 1 1/2"	96	66	50,5x40 thk 2,5	536	2	110,21
684054003CN	54 x 2"	116	81	65,5x53,5 thk 3	1091	2	210,16

**691 CN**

≤54 B 80 81

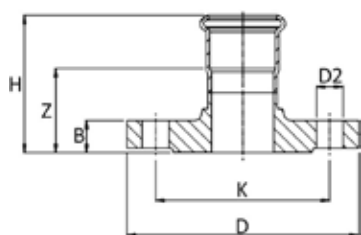
≥76 B 80 82

RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
691018015CN	18x15	57	37	39	20	9,55
691022015CN	22x15	64	44	48	20	11,56
691022018CN	22x18	60	40	52	20	10,19
691028015CN	28x15	76,5	56,5	56	20	12,05
691028022CN	28x22	65	44	65	20	11,56
691035022CN	35x22	70	49	97	10	14,82
691035028CN	35x28	71	41	109	10	14,66
691042022CN	42x22	76	97	155	4	45,43
691042028CN	42x28	93	70	142	4	46,45
691042035CN	42x35	80,5	54,5	154	4	20,21
691054028CN	54x28	86	109	211	4	42,78
691054035CN	54x35	108	82	214	4	53,26
691054042CN	54x42	97,5	68	234	4	23,41
691076042CN	76,1x42	143	113	535	4	114,99
691076054CN	76,1x54	147	112	535	4	119,41
691088054CN	88,9x54	160	125	652	4	167,73
691088076CN	88,9x76,1	185	130	753	4	160,20
691108054CN	108x54	181	145	868	2	184,10
691108076CN	108x76,1	202,5	147,5	1004	2	185,70
691108088CN	108x88,9	210	150	1171	2	182,07



PN 6

693/002 CN

≤54 B 80 81

≥76 B 80 82

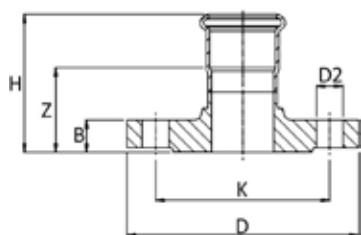
MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm			€
693015002CN	15	15	53	33	12	80	11,5	4	55	452	2	46,98
693018002CN	18	15	53,5	33,5	12	80	11,5	4	55	452	2	49,79
693022002CN	22	20	56,5	35,5	14	90	11,5	4	65	680	2	66,17
693028002CN	28	25	59,5	36,5	14	100	11,5	4	75	843	2	77,02
693035002CN	35	32	63	37	14	120	11,5	4	90	1206	2	96,73
693042002CN	42	40	67	37	14	130	14	4	100	1324	2	115,98
693054002CN	54	50	74	38	14	140	14	4	110	1505	2	147,39
693076002CN	76,1	65	101	45,5	14	160	14	4	130	2086	2	308,40
693088002CN	88,9	80	112	52	16	190	18	4	150	3253	2	411,85
693108002CN	108	100	128	53	16	210	18	4	170	3924	2	492,04



PN 16

693/000 CN

≤54 B 80 81

≥76 B 80 82

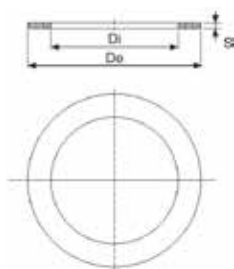
MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm			€
693015000CN	15	15	55	35	14	95	14	4	65	735	2	74,41
693018000CN	18	15	55,5	35,5	14	95	14	4	65	735	2	78,87
693022000CN	22	20	58,5	37,5	16	105	14	4	75	1051	2	89,79
693028000CN	28	25	61,5	38,5	16	115	14	4	85	1267	2	102,84
693035000CN	35	32	65,5	39,5	16	140	18	4	100	1828	2	125,81
693042000CN	42	40	69	39	16	150	18	4	110	2007	2	132,21
693054000CN	54	50	78	42	18	165	18	4	125	2734	2	221,16
693076000CN	76,1	65	105	50	18	185	18	4	145	3538	2	341,87
693088000CN	88,9	80	116	56	20	200	18	8	160	4382	2	425,57
693108000CN	108	100	132	57	20	220	18	8	180	5230	2	507,43

**434/PN6****GUARNIZIONE ECOLOGICA PER FLANGE**

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLOGICA PARA BRIDA

NORM: EN 1092-1**MATERIAL:** Sesalit Eco**PN 6**

CODE	DN	De mm	Di mm	S mm			€
434015006	15 - [1/2"]	44	20	2	4	10	0,46
434020006	20 - [3/4"]	54	25	2	6	10	0,67
434025006	25 - [1"]	64	30	2	9	10	0,92
434032006	32 - [1" 1/4"]	75	38	2	11	10	1,25
434040006	40 - [1" 1/2"]	85	45	2	14	10	1,62
434050006	50 - [2"]	95	57	2	15	10	2,47
434065006	65 - [2" 1/2"]	115	76	2	19	10	3,39
434080006	80 - [3"]	132	89	2	26	10	4,04
434100006	100 - [4"]	152	108	2	29	10	4,78

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
 IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)

LIMITI DI TEMPERATURA ORIENTATIVI

Temperatura massima per brevi esposizioni: 180°-200° C

Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C

Temperatura massima di esercizio continuo con vapore: 110° C

OMOLOGAZIONI: acqua potabile KTW-TZW: n. KA 242/09

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free

USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)

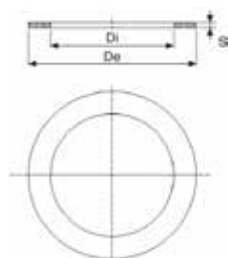
GUIDELINE TEMPERATURE LIMITS

Maximum temperature for short exposure: 180°-200° C

Maximum operating temperature for continuous non-aggressive fluids: 140° C

Maximum temperature for continuous operation with steam: 110° C

APPROVAL: potable water KTW-TZW: n. KA 242/09

**434/PN10-16****R 30 30****GUARNIZIONE ECOLOGICA PER FLANGE**

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLOGICA PARA BRIDA

**PN
10/16**

NORM: EN 1092-1
MATERIAL: Sosalit Eco

CODE	DN	De mm	Di mm	S mm			€
434015000	15 - (1/2")	50	20	2	6	10	0,46
434020000	20 - (3/4")	60	25	2	8	10	0,66
434025000	25 - (1")	70	30	2	10	10	0,91
434032000	32 - (1" 1/4)	82	38	2	14	10	1,25
434040000	40 - (1" 1/2)	92	45	2	17	10	1,62
434050000	50 - (2")	108	57	2	22	10	2,45
434065000	65 - (2" 1/2)	127	76	2	27	10	3,37
434080000	80 - (3")	142	89	2	30	10	4,00
434100000	100 - (4")	162	108	2	38	10	4,59

Sosalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto

IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)

LIMITI DI TEMPERATURA ORIENTATIVI

Temperatura massima per brevi esposizioni: 180°-200° C

Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C

Temperatura massima di esercizio continuo con vapore: 110° C

OMOLOGAZIONI: acqua potabile KTW-TZW: n. KA 242/09

Sosalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free

USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)

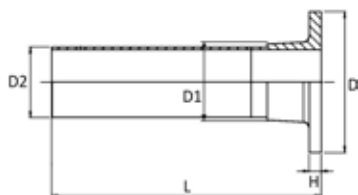
GUIDELINE TEMPERATURE LIMITS

Maximum temperature for short exposure: 180°-200° C

Maximum operating temperature for continuous non-aggressive fluids: 140° C

Maximum temperature for continuous operation with steam: 110° C

APPROVAL: potable water KTW-TZW: n. KA 242/09

**693/004 CN**

≤54 B 80 81

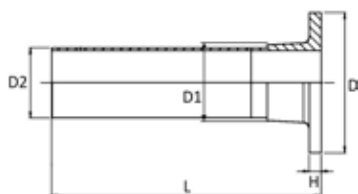
≥76 B 80 82

BOCCELLO PER FLANGE LIBERE

- COLLAR FOR LOOSE FLANGES
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: CuNi10Fe1.6Mn**PN 6**

CODE	De mm	L mm	D mm	D1 mm	D2 mm	H mm			€
693022004CN	22	135	50	27	22	5	160	1	44,61
693028004CN	28	135	60	32	28	5	260	1	52,15
693035004CN	35	135	70	40	35	5	340	1	65,03
693042004CN	42	135	80	46	42	6	450	1	76,76
693054004CN	54	135	90	59	54	6	560	1	131,34
693076004CN	76,1	135	110	78	76,1	6	850	1	181,78
693088004CN	88,9	135	128	91	88,9	7	110	1	253,03
693108004CN	108	135	148	110	108	7	1540	1	317,21

**693/003 CN**

≤54 B 80 81

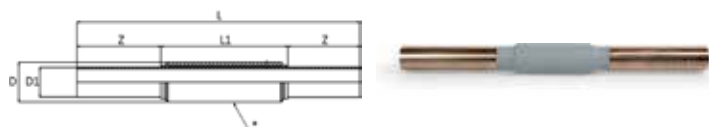
≥76 B 80 82

BOCCELLO PER FLANGE LIBERE

- COLLAR FOR LOOSE FLANGES
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: CuNi10Fe1.6Mn**PN 16**

CODE	De mm	L mm	D mm	D1 mm	D2 mm	H mm			€
693022003CN	22	135	58	27	22	5	190	1	52,64
693028003CN	28	135	68	32	28	5	300	1	61,32
693035003CN	35	135	78	40	35	5	380	1	78,51
693042003CN	42	135	88	46	42	6	510	1	96,70
693054003CN	54	135	102	59	54	6	650	1	132,83
693076003CN	76,1	135	122	78	76,1	6	970	1	222,32
693088003CN	88,9	135	138	91	88,9	7	1240	1	279,49
693108003CN	108	135	158	110	108	7	1690	1	356,83



679/001 CN

≤54 B 80 81

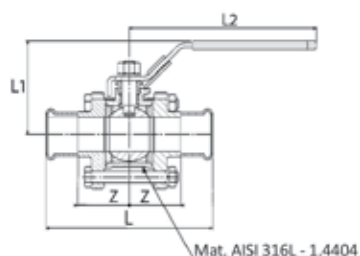
≥76 B 80 82

PASSAGGIO STAGNO

- DECK / BULKHEAD PENETRATION
- WANDDURCHFÜHRUNG
- PASSAGE ÉTANCHE
- PASAJE ESTAÑO

MATERIAL: CuNi10Fe1.6Mn
NOTE: [*]: S235JR (Fe 360)

CODE	De mm	L mm	L1 mm	Z mm	D mm	D1 mm			€
679015001CN	15	450	120	165	25	15	513	1	32,11
679018001CN	18	450	120	165	30	18	693	1	32,27
679022001CN	22	450	120	165	33	22	782	1	34,59
679028001CN	28	450	120	165	37	28	865	1	37,20
679035001CN	35	450	120	165	43,5	35	1044	1	45,23
679042001CN	42	450	120	165	53	42	1440	1	54,16
679054001CN	54	450	120	165	69	54	2192	1	107,12
679076001CN	76,1	450	120	165	88,5	76,1	3167	1	116,53
679088001CN	88,9	450	120	165	107	88,9	4551	1	136,99
679108001CN	108	450	120	165	131,5	108	6337	1	168,96



695/003 CN

≤54 B 80 81

≥76 B 80 82

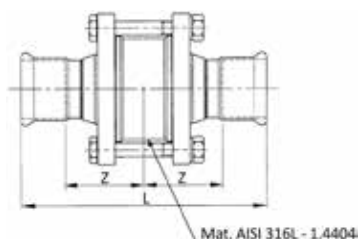
VALVOLA A SFERA 3 PZ PASSAGGIO TOTALE LUCCHETTABILE CON BASE PER ATTUATORE

- 3-PC BALL VALVE WITH FULL PORT
- KUGELHAHN 3-TEILIG MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE 3 PIECES PASSAGE INTÉGRAL
- VALVULA DE BOLA TRES PIEZAS POSO TOTAL

MATERIAL: CuNi10Fe1.6Mn (corpo/body AISI 316L - 1.4404)

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm	L1 mm	L2 mm			€
695015003CN	15	128	44	69	145	690	1	133,30
695018003CN	18	134	47	69	145	700	1	150,25
695022003CN	22	151	54,5	76	145	1000	1	186,15
695028003CN	28	167	60,5	89	175	1460	1	227,24
695035003CN	35	184	66	93,5	175	2260	1	329,68
695042003CN	42	207	73,5	103	195	3080	1	433,94
695054003CN	54	245	87,5	109	195	4520	1	589,42
695076003CN	76,1	334	112	147	295	9100	1	1051,09
695088003CN	88,9	384	132	154	295	13300	1	1617,91
695108003CN	108	470	160	205	400	24700	1	2593,13

**695/004 CN**

≤54 B 80 81

≥76 B 80 82

VALVOLA DI RITEGNO

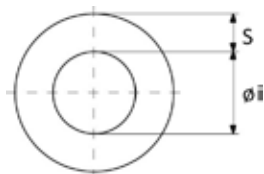
- NON-RETURN VALVE
- RÜCKSCHLAGVENTIL
- CLAPET ANTI-RETOUR
- VÁLVULA DE RETENCIÓN

MATERIAL: CuNi10Fe1.6Mn [corpo/body AISI 316L - 1.4404]

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm	 g		€
695015004CN	15	136	48	1460	1	213,24
695018004CN	18	138	49	1510	1	234,56
695022004CN	22	139	48,5	2300	1	245,67
695028004CN	28	148	50	2820	1	313,73
695035004CN	35	154	50	3750	1	433,65
695042004CN	42	168	52	4990	1	463,40
695054004CN	54	192	58	6480	1	904,73
695076004CN	76,1	235	62,5	8600	1	1319,88
695088004CN	88,9	259	65,5	11150	1	1449,50
695108004CN	108	301	72,5	14000	1	1755,57

B 60 60



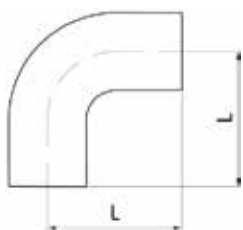
870

TUBO ISOLANTE

- PIPES INSULATION
- ISOLIERTE ROHR
- CALORIFUGE POUR TUBE
- TUBO AISLAMIENTO

CODE	Øi x S mm	m/pz	m/box	g/m	€
870015013	15 x 13	2	136	76	3,40
870018013	18 x 13	2	118	84	3,69
870022013	22 x 13	2	96	92	3,99
870028019	28 x 19	2	48	163	8,81
870035019	35 x 19	2	40	183	10,19
870042019	42 x 19	2	32	235	11,45
870054019	54 x 19	2	24	308	15,81

B 60 60



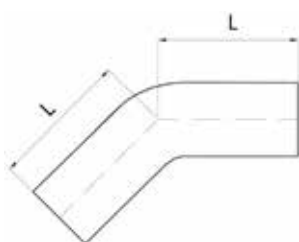
871

CURVA 90° ISOLANTE MF/FF

- 90° ELBOWS INSULATION
- ISOLIERTE BOGEN 90° I-I/I-A
- CALORIFUGE POUR COUDE 90° MF/FF
- CURVA 90° AISLAMIENTO

CODE	Øi x S mm	L mm	g	g	g	€
871015013	15 x 13	77	10	10	30	3,49
871018013	18 x 13	77	10	8	24	3,82
871022013	22 x 13	80	16	8	24	3,88
871028019	28 x 19	90	32	4	12	7,90
871035019	35 x 19	95	38	4	8	9,68
871042019	42 x 19	110	66	2	6	11,93
871054019	54 x 19	120	88	2	4	14,54

B 60 60

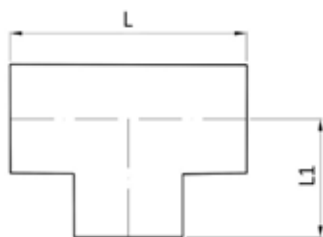


872

CURVA 45° ISOLANTE MF/FF

- 45° ELBOWS INSULATION
- ISOLIERTE BOGEN 45° I-I/I-A
- CALORIFUGE POUR COUDE 45° MF/FF
- CURVA 45° AISLAMIENTO

CODE	Øi x S mm	L mm	g	g	g	€
872015013	15 x 13	77	9	10	30	3,49
872018013	18 x 13	77	9	8	24	3,82
872022013	22 x 13	80	12	8	24	3,88
872028019	28 x 19	90	25	4	12	7,90
872035019	35 x 19	95	33	4	8	9,68
872042019	42 x 19	110	54	2	6	11,93
872054019	54 x 19	120	72	2	4	14,54

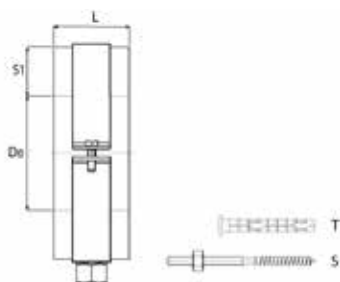
**873****B 60 60****TEE ISOLANTE**

- TEES INSULATION
- ISOLIERTE T-STÜCK
- CALORIFUGE POUR TÉS
- TE AISLAMIENTO

CODE	Øi x S mm	L mm	L1 mm				€
873015013	15 x 13	105	60	10	10	30	3,94
873018013	18 x 13	114	65	12	8	24	4,21
873022013	22 x 13	118	66	17	8	24	4,30
873028019	28 x 19	128	70	38	4	12	8,67
873035019	35 x 19	142	77	41	4	8	10,47
873042019	42 x 19	160	85	55	2	6	12,70
873054019	54 x 19	180	100	84	2	4	15,32

DATI TECNICI - TECHNICAL SPECIFICATIONS - TECHNISCHE DATEN FICHES TECHNIQUES - DATOS TÉCNICOS

Caratteristiche - Characteristics - Kennzeichen Caractéristiques - Características	Prestazione - Performance - Leistung Performance - Rendimiento	Test
Resistenza alla diffusione del vapore acqueo - Permeability Wasserdampf-Diffusionswiderstand - Résistance à la diffusion de vapeur d'eau - Resistencia al paso del Vapor de Agua	μ 10000	EN 12086
Reazione al fuoco - Fire - Brandverhalten Réaction au feu - Reacción al fuego	BL-s3,d0	EN 13501
Conducibilità termica - Thermal conductivity - Wärmeleitfähigkeit Conductivité thermique - Conductividad térmica	λ [0°C] = 0,033 W/(m°K) λ [40°C] = 0,037 W/(m°K)	EN 13787
Temperatura di applicazione - Temperature range - Temperaturbereich Température d'exercice - Rango de temperaturas	-40°C ÷ +85°C	EN 14706-14707
Problemi di corrosione - Corrosion problems - Korrosionsrisiko Risque de corrosion - Problemática de la corrosión	Cl-<500 ppm pH neutral [7±0,5]	EN 13468

**874****B 60 60****COLLARI CON ISOLANTE**

- INSULATING SUPPORTS
- ROHRSCHELLE MIT ISOLIERUNG
- COLLIER CALORIFUGÉ
- ABRAZADERA CON AISLAMIENTO

CODE	De mm	S1 mm	L mm	T mm	S mm				€
874015013	15	13	49	10 x 70	M 8 x 93	128	1	10	7,36
874018013	18	13	49	10 x 70	M 8 x 93	130	1	10	7,61
874022013	22	13	49	10 x 70	M 8 x 93	138	1	10	7,85
874028019	28	19	49	14 x 70	M 10 x 90	256	1	10	12,55
874035019	35	19	49	14 x 70	M 10 x 90	258	1	6	13,88
874042019	42	19	49	14 x 70	M 10 x 90	294	1	6	16,01
874054019	54	19	49	14 x 70	M 10 x 90	332	1	6	18,83


850/1
B 60 60
DISPENSER COLLA 0,25 LITRI

- ADHESIVE DISPENSER 0,25 LITRES
- PINSELDOSE FÜR KLEBER 0,25 LITER
- DISTRIBUTEUR DE COLLE 0,25 L
- DISPENSADOR DE ADHESIVO 0,25 L

CODE				€
850VR020060	282	1	1	92,30


850/2
B 60 60
PENNELLO RICAMBIO PER DISPENSER COLLA

- BRUSH SPARE PART FOR ADHESIVE DISPENSER
- AUSTAUSCHPINSEL FÜR PINSELDOSE
- PINCEAU DE RECHANGE POUR DISTRIBUTEUR DE COLLE
- PINCEL DE RECAMBIO

CODE				€
850VR020094	86	1	1	30,04


850/3
B 60 60
COLLA 0,8 LITRI

- GLUE 0,8 LITRES
- KLEBER 0,8 LITER
- POT DE COLLE 0,8 L
- ADHESIVO 0,8 LITRO

CODE				€
850CL020003	792	1	20	14,09


850/4
B 60 60
ROTOLI NASTRO AUTOADESIVO

- ADHESIVE TAPE
- KLEBEBAND
- ROULEAU DE BANDE ADHÉSIVE
- ROLLO DE BANDA AUTOADHESIVO

CODE				€
850NS020050	150	1	12	12,85



Klauke MAP2L MINI ($\phi 12 \div 22$ mm)

B 50 51

PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELL-LADEGERÄT UND KOFFER
- SERTISSEUSE A ACCUMULATEUR AVEC CHARGEUR ET COFFRET
- AKKU-MAQUINA CON CARGADOR RAPIDO E CAJA

NOTE: (*) Tensione/voltage 220-240 V / 50-60 Hz

CODE			€
196001011	3,8	1	2414,41



Klauke UNP2 ($\phi 12 \div 54$ mm)

B 50 51

PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELL-LADEGERÄT UND KOFFER
- SERTISSEUSE A ACCUMULATEUR AVEC CHARGEUR ET COFFRET
- AKKU-MAQUINA CON CARGADOR RAPIDO E CAJA

NOTE: Tensione/voltage 220-240 V / 50-60 Hz

CODE			€
196000000	11,8	1	2122,59



Klauke UAP3L ($\phi 12 \div 54$ mm) i-press

B 50 51

PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELL-LADEGERÄT UND KOFFER
- SERTISSEUSE A ACCUMULATEUR AVEC CHARGEUR ET COFFRET
- AKKU-MAQUINA CON CARGADOR RAPIDO E CAJA

NOTE: (*) Tensione/voltage 220-240 V / 50-60 Hz

CODE			€
196001008	8,1	1	3357,98



Klauke UAP4L (ø12÷54 mm PN16 / ø76÷108 mm PN10) i-press

B 50 51

PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLLEADERAT UND KOFFER
- SERTISSEUSE A ACCUMULATEUR AVEC CHARGEUR ET COFFRET
- AKKU-MAQUINA CON CARGADOR RAPIDO E CAJA

NOTE: (*) Tensione/voltage 220-240 V / 50-60 Hz

CODE			€
196001007	15	1	4526,60



Klauke UAP100L (ø76÷108 mm King size) i-press

B 50 51

PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLLEADERAT UND KOFFER
- SERTISSEUSE A ACCUMULATEUR AVEC CHARGEUR ET COFFRET
- AKKU-MAQUINA CON CARGADOR RAPIDO E CAJA

NOTE: (*) Tensione/voltage 220-240 V / 50-60 Hz

CODE			€
196001009	23,6	1	8478,42



Klauke EHP2/SANB (ø76÷108 King size)

B 50 51

GRUPPO POMPA IDRAULICA ELETTRICO

- ELECTRIC HYDRAULIC PUMP
- ELEKTRISCHEBETRIEBENES ANTRIEBSAGGREGAT
- GROUPE HYDRAULIQUE MOBILE POUR SERTIR
- UNIDAD DE ACCIONAMIENTO ELÉCTRICO

NOTE: Tensione/voltage 220-240 V / 50-60 Hz

CODE			€
1960000001	69	1	on demand



Klauke AHP700LS

B 50 51

GRUPPO POMPA IDRAULICA A BATTERIA

- BATTERY HYDRAULIC PUMP
- AKKUBETRIEBENES ANTRIEBSAGGREGAT
- GROUPE HYDRAULIQUE MOBILE POUR SERTIR
- UNIDAD DE ACCIONAMIENTO A PILAS

NOTE: Tensione nominale 220-240 V / 50-60 Hz

CODE			€
196001012	9,8	1	on demand



Klauke PKUAP3 (ø12÷54 mm) per/for AHP700LS

B 50 51

TESTA DI PRESSATRICE

- PRESSING HEAD
- PRESSKÖPFE
- TÊTE DE SERTISSEUSE
- CABEZA DE AKKU-MAQUINA

CODE			€
196001013	2,5	1	on demand



Klauke PK100AHP (ø76÷108 mm King size) per/for AHP700LS

B 50 51

TESTA DI PRESSATRICE

- PRESSING HEAD
- PRESSKÖPFE
- TÊTE DE SERTISSEUSE
- CABEZA DE AKKU-MAQUINA

CODE			€
196001014	10,4	1	on demand



Klauke MAP1 - MAP2L MINI

B 50 51

GANASCIA PER PRESSATRICE

- JAW
- PRESSBACKE
- MACHOIRE
- MORDAZA PINZA

CODE	De mm			€
196012001	12	0,9	1	206,30
196015001	15	0,9	1	206,30
196018001	18	0,9	1	206,30
196022001	22	0,9	1	218,22



Klauke UNP2 - UAP2 - UAP3L - UAP4L - PKUAP3L

B 50 51

GANASCIA PER PRESSATRICE

- JAW
- PRESSBACKE
- MACHOIRE
- MORDAZA PINZA

CODE	De mm	kg		€
196012000	12	1,9	1	225,38
196015000	15	1,9	1	225,38
196018000	18	1,9	1	225,38
196022000	22	2	1	225,38
196028000	28	2,1	1	242,07
196035000	35	2,1	1	279,04



Klauke UNP2 - UAP2 - UAP3L - UAP4L

B 50 51

VALIGIA PER GANASCE Ø 15÷35

- CASE FOR JAWS Ø 15÷35
- LEER KOFFER FÜR PRESSBACKEN Ø 15÷35
- COFFRET POUR MACHOIRES Ø 15÷35
- CAJA PARA MORZADAS Ø 15÷35

CODE	De mm	kg		€
196015035K	15 - 35	13,2	1	1383,26
196015035KV*	15 - 35	6,29	1	230,85

(*) Valigia vuota - Empty case - Leer Koffer - Coffret vide - Caja vacía



Klauke UNP2 - UAP2 - UAP3L - UAP4L - PKUAP3

B 50 51

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHAÎNE
- MORDAZA CADENA

CODE	De mm	kg		€
196042003	42	2,7	1	1403,53
196054003	54	2,6	1	1403,53



Klauke $\phi 42 \div 54$

B 50 51

ADATTATORE PER CATENE

- ADAPTER FOR COLLARS
- ZWISCHENBACKE FÜR PRESSSCHLINGEN
- ADAPTEUR POUR MACHOIRES
- ADAPTADOR PARA MORDAZAS

CODE	De mm	kg		€
196042054	42 - 54	1,7	1	301,69



Klauke UAP4L (PN10)

B 50 51

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHÂÎNE
- MORDAZA CADENA

CODE	De mm	kg		€
196076001	76,1	9,6	1	2307,74
196088001	88,9	9,3	1	2383,80
196108001	108	10,4	1	2845,10



Klauke UAP4L $\phi 76 \div 108$ mm (PN10)

B 50 51

ADATTATORE PER CATENE

- ADAPTER FOR COLLARS
- ZWISCHENBACKE FÜR PRESSSCHLINGEN
- ADAPTEUR POUR MACHOIRES
- ADAPTADOR PARA MORDAZAS

CODE	De mm	kg		€
196076108	76,1 - 108	4,4	1	1062,47



Klauke UAP100 - UAP100L - PK100AHP ($\phi 76 \div 108$ KING SIZE)

B 50 51

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHÂÎNE
- MORDAZA CADENA

CODE	De mm	kg		€
196076000	76,1	13	1	2974,00
196088000	88,9	13	1	3050,33
196108000	108	15	1	3659,68



Klauke UNP2 - UAP3L (ø 42÷54 mm)

B 50 51

VALIGIA PER CATENE ø 42÷54 + ADATTATORE

- CASE FOR PRESSING COLLARS ø 42÷54 + ADAPTER
- LEER KOFFER FÜR PRESS SCHLINGEN ø 42÷54 + ZWISCHENBACKE
- COFFRET POUR CHAÎNES ø 42÷54 + ADAPTEUR
- CAJA PARA CADENA ø 42÷54 + ADAPTADOR

CODE	De mm	kg		€
196042054KF	42 - 54	10,9	1	3075,36
196042054K*	42 - 54	3,9	1	221,81

(*) Valigia vuota - Empty case - Leer Koffer - Coffret vide - Caja vacía



NG1 (12V) - Klauke UAP2 - UAP100

B 50 51

CAVO ELETTRICO CON ADATTATORE UNIVERSALE

- MAIN SUPPLY CIRCUIT
- SCHALTNETZTEIL
- BLOC D'ALIMENTATION
- ALIMENTADOR A LA RED

NOTE: Tensione/voltage 220-240 V / 50-60 Hz

CODE	kg		€
196004000	0,8	1	838,30



RA5 (12 V / 3,0 Ah) Klauke UAP2 - UAP100

B 50 51

BATTERIA

- BATTERY
- AKKU
- ACCUMULATEUR
- ACCUMULADOR

CODE	kg		€
196002000	0,7	1	327,93



LG4F - Klauke MAP1 - UAP2 - UAP100

B 50 51

CARICABATTERIA

- FAST CHARGER
- SCHNELL LADegerät
- CHARGEUR
- CARGADOR RAPIDO

NOTE: Tensione/voltage 220-240 V / 50-60 Hz

CODE	kg		€
196003000	0,684	1	352,98



RAM3 (9,6 V / 3,0 Ah) Klauke MAP1 MINI

B 50 51

BATTERIA

- BATTERY
- AKKU
- ACCUMULATEUR
- ACCUMULADOR

CODE			€
196005000	0,6	1	290,96



NG2 (18V) Klauke UAP3L - UAP4L - UAP100L

B 50 51

CAVO ELETTRICO CON ADATTATORE UNIVERSALE

- MAIN SUPPLY CIRCUIT
- SCHALTNETZTEIL
- BLOC D'ALIMENTATION
- ALIMENTADOR A LA RED

NOTE: Tensione/voltage 220-240 V / 50-60 Hz

CODE			€
196004001	0,9	1	660,63



RAL2 (18 V / 3,0 Ah) Klauke MAP2L - UAP3L - UAP4L - UAP100L

B 50 51

BATTERIA

- BATTERY
- AKKU
- ACCUMULATEUR
- ACCUMULADOR

CODE			€
196002001	0,7	1	539,00



LGL1 Klauke UAP3L - UAP4L - UAP100L

B 50 51

CARICABATTERIA

- FAST CHARGER
- SCHNELLLADEGERÄT
- CHARGEUR
- CARGADOR RAPIDO

NOTE: Tensione/voltage 220-240 V / 50-60 Hz

CODE			€
196003001	13	1	380,40

B 50 51

NEW

Novopress ECO 203 (ø12÷54 mm)**PRESSATRICE ELETTROIDRAULICA CON VALIGIA**

- ELECTROHYDRAULIC PRESSING MACHINE WITH CASE
- ELEKTROHYDRAULISCHES PRESSGERÄT MIT KOFFER
- SERTISSEUSE ELECTROHYDRAULIQUE AVEC COFFRET
- MAQUINA ELECTROIDRAULICA CON CAJA



CODE	Voltage	kg		€
196000013	220-240 V / 50-60 Hz	7,1	1	2200,95
196000015	110 V / 60 Hz	7,2	1	2200,95

B 50 51

NEW

Novopress ACO 203 (ø12÷54 mm)**PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA**

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLADGERAT UND KOFFER
- SERTISSEUSE A ACCUMULATEUR AVEC CHARGEUR ET COFFRET
- AKKU-MAQUINA CON CARGADOR RAPIDO E CAJA

NOTE: (*) Tensione/voltage 220-240 V / 50-60 Hz



CODE	kg		€
196000012	7,4	1	2548,47

B 50 51

Novopress ACO 401 (ø76÷108 mm)**PRESSATRICE CON 2 BATTERIE, CARICA BATTERIA E VALIGIA**

- PRESSING MACHINE WITH 2 BATTERIES, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLADGERAT UND KOFFER
- SERTISSEUSE A ACCUMULATEUR (2) AVEC CHARGEUR ET COFFRET
- AKKU-MAQUINA CON CARGADOR RAPIDO E CAJA

NOTE: (*) Tensione/voltage 220-240 V / 50-60 Hz



CODE	kg		€
196000009	25	1	6728,90



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 - ECO/ACO 202 - ECO/ACO 203

B 50 51

GANASCIA PER PRESSATRICE

- JAW
- PRESSBACKE
- MACHOIRE
- MORDAZA PINZA

CODE	De mm	kg		€
19601200N	12	1,8	1	318,40
19601500N	15	1,8	1	318,40
19601800N	18	1,8	1	318,40
19602200N	22	1,9	1	318,40
19602800N	28	1,9	1	318,40
19603500N	35	2	1	318,40



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 - ECO/ACO 202 - ECO/ACO 203

B 50 51

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHAÎNE
- MORDAZA CADENA

CODE	De mm	kg		€
19604200N	42	2,1	1	1758,89
19605400N	54	2,4	1	1824,47



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 - ECO/ACO 202 - ECO/ACO 203

B 50 51

ADATTATORE PER CATENE

- ADAPTER FOR COLLARS
- ZWISCHENBACKE FÜR PRESSSCHLINGEN
- ADAPTEUR POUR MACHOIRES
- ADAPTADOR PARA MORDAZAS

CODE	De mm	kg		€
196042054N	42 - 54	2,4	1	338,67



Novopress ACO 401 (ø76÷108 KING SIZE)

B 50 51

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHAÎNE
- MORDAZA CADENA

CODE	De mm	kg		€
196076002	76,1	3	1	2187,32
196088002	88,9	3	1	2238,42
196108002	108	4	1	2807,40



Novopress - Koffer

B 50 51

VALIGIA PER CATENE 42 ÷ 54 E ZB 201

- CASE FOR COLLARS 42 ÷ 54 + ZB 201
- KOFFER FÜR PRESSSCHLINGEN 42 ÷ 54 + ZB 201
- COFFRET POUR CHÂÎNES 42 ÷ 54 + ZB 201
- CAJA PARA MORDAZAS 42÷54 + ZB 201

CODE			€
196042054V	2	1	225,38



Novopress ACO 202/203 - ACO 401

B 50 51

CARICABATTERIA

- FAST CHARGER
- SCHNELL-LADEGERÄT
- CHARGEUR
- CARGADOR RAPIDO

NOTE: Tensione/voltage 220-240 V / 50-60 Hz

CODE			€
19600300N	0,65	1	340,70



Novopress - Akku

B 50 51

BATTERIA

- BATTERY
- AKKU
- ACCUMULATEUR
- ACCUMULADOR

CODE	Version			€
19600204N	18 V / 1,5 Ah Li • ACO 202/203/401	0,4	1	379,00
19600203N	18 V / 3,0 Ah Li • ACO 202/203/401	0,7	1	591,69
19600200N	14,4 V / 2,4 Ah Ni-Cd • AFP 201	0,7	1	on demand
19600201N	14,4 V / 2,0 Ah Ni-Cd • AFP 202	0,7	1	on demand
19600202N	18 V / 3,0 Ah Li • AFP 202	0,7	1	on demand

NUOVO CODICE / NEW CODE 19600204N

**116/1****TAGLIATUBI MANUALE**

- PIPE CUTTER
- ROHRSCHEIDER
- COUPE-TUBES
- CORTATUBO

B 50 51

CODE	De mm			€
116000011	12 - 67	0,95	1	281,43

**116/2****ROTELLA TAGLIATUBI**

- CUTTING WHEEL
- SCHNEIDRAD FÜR ROHRSCHEIDER
- MOLETTE POUR COUPE-TUBES
- CUCHILLA

B 50 51

CODE	Version	De mm			€
116000012	For pipe cutter code / Per tagliatubi codice 116000011	12 - 67	38	1	63,20
116000002	For pipe cutter code / Per tagliatubi codice 116000001	12 - 67	38	1	63,20

**116/0****SBAVATORE UNIVERSALE TUBI**

- PIPE DEBURRER
- ENTGRATER
- EBAVUREUR DE TUBE
- DESBARBADOR

B 50 51

CODE	De mm			€
116000000	10 - 54	612	1	116,86

**116/3****SBAVATORE UNIVERSALE TUBI**

- PIPE DEBURRER
- ENTGRATER
- EBAVUREUR DE TUBE
- DESBARBADOR

B 50 51

CODE	De mm			€
116000003	63 - 110	1942	1	441,21



NEW

116/6**SPELATUBI**

- DISMANTLING TOOL
- ABMANTELGERÄT
- DÉNUDEUR
- PELADOR

B 50 51

CODE	De mm			€
116000006	15 - 22	236	1	112,00
116000016	18 - 28	320	1	112,00
116000026	35 - 42	703	1	125,30
116000036	54	477	1	175,50

**274****MARCATORE**

- MARKER
- MARKIERLEHRE
- MARQUEUR
- MARCATUBO

B 50 51

CODE	De mm			€
274000000	15 - 54	26	1	1,16



O-Ring EPDM

NERO

- BLACK
- SCHWARZ
- NOIR
- NEGRO

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application /
Aplicaciones:
Idrosanitaria / riscaldamento / raffrescamento
Sanitary / Heating / Cooling
Sanitär / Heizung / Kühlung
Sanitaire / Chauffage / Circuits réfrigérants
Agua sanitaria / Calefacción / Circuito refrigeracion

CODE	De mm	Version			€
11501525N	15		1	20	0,19
11501825N	18		1	20	0,21
11502230N	22		1	20	0,28
11502830N	28		2	20	0,31
11503530N	35		2	20	0,40
11504240N	42		5	20	0,50
11505440N	54		6	20	0,55
11507770N	76,1		14	10	2,08
11509070N	88,9		17	10	2,27
11510909N	108		33	10	2,62
11507770NM	76,1	Profilo M / M profil	14	10	2,08
11509070NM	88,9	Profilo M / M profil	17	10	2,27
11510909NM	108	Profilo M / M profil	33	10	2,62



O-Ring NBR-HNBR

GIALLO

- YELLOW
- GELB
- JAUNE
- AMARILLO

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application /
Aplicaciones:
Gas / Gas / Gas / Gaz / Gas

CODE	De mm	Version			€
11501526G	15		1	20	0,27
11501826G	18		1	20	0,30
11502231G	22		1	20	0,42
11502831G	28		2	20	0,44
11503532G	35		2	20	0,60
11504241G	42		5	20	1,02
11505441G	54		6	20	1,03
11507670G*	76,1		14	10	4,71
11508870G*	88,9		17	10	6,30
11510809G*	108		33	10	8,83
11507670GM*	76,1	Profilo M / M profil	14	10	4,71
11508870GM*	88,9	Profilo M / M profil	17	10	6,30
11510809GM*	108	Profilo M / M profil	33	10	8,83

(*) HNBR

B 50 52



O-Ring FKM

VERDE

- GREEN
- GRÜN
- VERT
- VERDE

NOTE:

Impieghi / Application field / Einsatzgebiete / Champs d'application /
Aplicaciones:
Solare / Solar / Solar / Solaire / Solares
Olio / Pil / Öl / Huile / Aceite

CODE	De mm	Version			€
11501525V	15		1	20	0,43
11501825V	18		1	20	0,43
11502230V	22		1	20	0,61
11502830V	28		2	20	0,66
11503530V	35		2	20	0,94
11504240V	42		5	20	1,35
11505440V	54		6	20	1,62
11507770V	76,1		14	10	6,20
11509070V	88,9		17	10	8,15
11510909V	108		33	10	12,83
11507770VM	76,1	Profilo M / M profil	14	10	6,20
11509070VM	88,9	Profilo M / M profil	17	10	8,15
11510909VM	108	Profilo M / M profil	33	10	12,83



O-Ring MVQ

ROSSO

- RED
- ROT
- ROUGE
- ROJO

NOTE:

Impieghi / Application field / Einsatzgebiete / Champs d'application /
Aplicaciones:
Applicazioni industriali - chiedere ad RM
Industrial applications - ask RM
Industrieanwendungen - fragen RM
Applications industrielles - demander RM
Aplicaciones industriales - preguntar RM

CODE	De mm	Version			€
11501525R	15		1	20	0,25
11501825R	18		1	20	0,28
11502230R	22		1	20	0,36
11502830R	28		2	20	0,38
11503530R	35		2	20	0,44
11504240R	42		5	20	0,57
11505440R	54		6	20	0,81
11507770R	76,1	Profilo M / M profil	14	10	4,46
11509070R	88,9	Profilo M / M profil	17	10	5,86
11510990R	108	Profilo M / M profil	33	10	6,78

**115/EPDM****B 50 52****GUARNIZIONE EPDM**

- EPDM GASKET
- DICTUNG AUS EPDM
- JOINT EPDM
- JUNTA EN EPDM

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application /
Aplicaciones:
Idrosanitaria / riscaldamento / raffrescamento
Sanitary / Heating / Cooling
Sanitär / Heizung / Kühlung
Sanitaire / Chauffage / Circuits réfrigérants
Agua sanitaria / Calefacción / Circuito refrigeracion

CODE	De mm	S mm	D1 mm	D2 mm			€
115683304E	15 - 18 - 22	2,5	24	14	1	20	1,36
115683100E	18 - 22 - 28	2,5	30	20	1	20	1,36
115683114E	28 - 35	2,5	39	27	2	20	1,49
115683112E	35	2,5	44,5	34	3	20	1,59
115183134E	42	2,5	50,5	42	3	20	2,05
115683134E	42	2,5	50,5	38	4	20	2,05
115183540E	54	3	65,5	53,5	4	20	2,50
115183154E	54	3	65,5	45	4	20	2,50

**115/FKM****B 50 52****GUARNIZIONE FKM**

- FKM GASKET
- DICTUNG AUS FKM
- JOINT FKM
- JUNTA EN FKM

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application /
Aplicaciones:
Solare / Solar / Solar / Solaire / Solares.

CODE	De mm	S mm	D1 mm	D2 mm			€
115683304F	15 - 18	2,5	24	14	1	20	1,49
115683100F	22	2,5	30	20	1	20	1,76
115683114F	28	2,5	39	27	2	20	2,71
115183112F	35	2,5	44,5	34	3	20	3,10

**850NS****B 60 60****BENDA DI PROTEZIONE BUTILICA
RACCORDI STEELPRES**

- BANDAGE PROTECTION FOR STEELPRES FITTINGS
- SCHUTZBAND FÜR STEELPRES FITTINGE
- BANDE DE PROTECTION POUR RACCORDS STEELPRES
- FUNDA DE PROTECCION PIEZAS STEELPRES

CODE	Lg x L cm x m	 g		€
850NS000000	5 cm x 9,15 m	734	24	21,47

Raccomandato per impianti di raffreddamento
Recommended for cooling installation
Empfehl für Kuehlungsanlagen
Recommandé pour installations de refroidissement
Recomendado para instalaciones de refrigeracion

Umidità e condensa: quando si forma, perché?

La condensa è un fenomeno naturale che si manifesta quando l'aria carica di vapore acqueo entra in contatto con superfici fredde.

La differenza di temperatura tra aria calda e superficie fredda provoca la trasformazione del vapore in gocce d'acqua.

Effetto della condensa sui tubi in acciaio al carbonio zincati

Negli impianti di raffreddamento realizzati con tubi zincati non adeguatamente protetti, l'eventuale formazione di condensa sulla superficie esterna del tubo in presenza di ossigeno, provoca la formazione di ossido di zinco. Una volta consumato tutto lo zinco superficiale, sulla sottostante superficie in acciaio al carbonio si innesca una corrosione generalizzata con formazione di ossido di ferro.

Come risolvere il problema?

Per preservare il tubo in acciaio al carbonio è necessario rivestire la sua superficie con un materiale protettivo che non si ossidi e che svolga azione di barriera fisica tra tubazione ed atmosfera.



Quale soluzione offre RM?

Per facilitare la fase di installazione e protezione delle tubazioni e dei raccordi Steelpres, mettiamo a disposizione tubo in acciaio al carbonio zincato rivestito con PP e bende butiliche da nastrare sopra i raccordi.

Protezione di tubi e raccordi dalla corrosione esterna

Il nastro adesivo isobutilico presenta grande allungabilità in entrambi i sensi ed un forte potere adesivo ed auto amalgamante.

Lo stesso non necessita di primer aggrappante, impermeabilizza perfettamente le superfici, isolando da agenti atmosferici e chimici blandi.

La grande allungabilità conferisce ai nastri un'adattabilità pressochè universale su tutte le superfici, anche le più irregolari quali curve, Tee, giunti a bicchiere etc.

Per applicarlo è sufficiente che la superficie sia pulita e non umida. Il nastro va spellicolato esercitando la tensione necessaria a seconda delle situazioni. Esso si allunga infatti fino al 700% della sua lunghezza iniziale mentre lo spessore finale è in funzione della trazione esercitata. È consigliabile una sovrapposizione di almeno un 10% della larghezza del nastro. La protezione attraverso il rivestimento con fasce e/o verniciatura, deve comunque avvenire sempre dopo la prova impianto.

Humidity and condensate: when and why it creates

Condensate is a natural event appearing when the air rich in water vapour comes into contact with cold surfaces.

The difference in temperature between hot air and cold surfaces brings about the transformation of vapour in water drops.

Effects of condensate on zinc-plated carbon steel pipes

In cooling systems obtained from not suitably protected zinc-plated pipes, possible condensate creation on pipes' outer surface in presence of oxygen causes the formation of zinc oxide. After superficial zinc consumption, on carbon steel surface under zinc coating a general corrosion starts with the formation of iron oxide.

How to solve the problem

In order to protect carbon steel pipes, it is necessary to coat its surface by a protective material that does not oxidise and acts as physical barrier between pipe and atmosphere.

RM's solution

To ease the phases of installation and protection of Steelpres piping and joints, we offer a

zinc-plated carbon steel pipe coated with PP and butyl tapes to be applied onto fittings.

Protection of pipelines and connections from external corrosion

The butanol-adhesive tape has high tensile and high adhesive strength and is selffluxing. It requires no adherent primer, lets surfaces perfectly repel water and insulates against atmospheric influences and free chemicals.

The high tensibility provides the tapes with comprehensive applicability for all types of surfaces, even for irregular surfaces such as bends, T-piece, sleeves, etc.

For the application, it is sufficient that the surface is clean but not wet.

The tape must be under pressure and cleaned depending on the situation. It extends over 700% compared to its original length, while the width at the end depends on the extension. It is recommended to overlap the tape with at least 10% of the tape width. A coating protection with the help of tapes and/or varnish must always occur after a trial run of the system.

[illegible]