

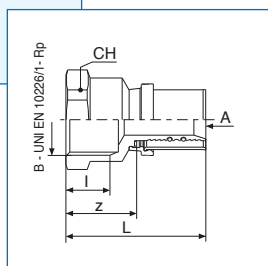
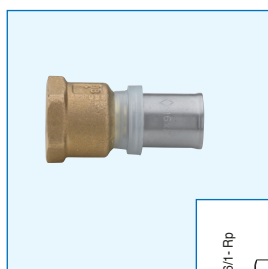
Art. 500000

- Raccordo diritto maschio.
- Straight male fitting.
- Raccord droit mâle.
- Übergangsstück AG.
- Conexión recta macho.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	L	Z
14 x 1/2"	2	5	60	240	5000001404	15	22	52,5	27
16 x 1/2"	2	5	60	240	5000001604	15	22	52,5	27
16 x 3/4"	2	5	50	200	5000001605	16,3	27	54	28,5
18 x 1/2"	2	5	50	200	5000001804	15	22	52,5	27
18 x 3/4"	2	5	50	200	5000001805	16,3	27	54	28,5
20 x 1/2"	2	5	50	200	5000002004	15	22	52,5	27
20 x 3/4"	2	5	50	200	5000002005	16,3	27	54	28,5
26 x 3/4"	3	5	30	120	5000002605	16,3	27	59,5	28,5
26 x 1"	3	5	25	100	5000002606	19,1	34	64,5	32,5
32 x 1"	3	5	25	100	5000003206	19,1	34	66	32,5
40 x 1"1/4	3,5	1	10	40	5000004007	21,4	43	61	35,5
50 x 1"1/2	4	1	10	40	5000005008	21,4	54	72,5	38,5
63 x 2"	4,5	1	6	24	5000006310	25,7	65	79	45



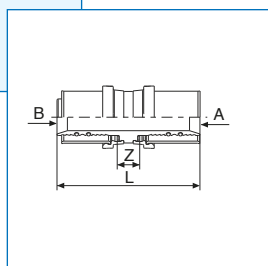
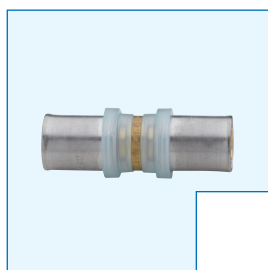
Art. 500100

- Raccordo diritto femmina.
- Straight female fitting.
- Raccord droit femelle.
- Übergangsstück IG.
- Conexión recta hembra.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	L	Z
14 x 1/2"	2	5	50	200	5001001404	15	26	50,5	25
16 x 1/2"	2	5	50	200	5001001604	15	26	50,5	25
16 x 3/4"	2	5	40	160	5001001605	16,3	31	52	26,5
18 x 1/2"	2	5	50	200	5001001804	15	26	50,5	25
18 x 3/4"	2	5	40	160	5001001805	16,3	31	52	26,5
20 x 1/2"	2	5	50	200	5001002004	15	26	50,5	25
20 x 3/4"	2	5	40	160	5001002005	16,3	31	52	26,5
26 x 3/4"	3	5	25	100	5001002605	16,3	31	57,5	26,5
26 x 1"	3	5	25	100	5001002606	19,1	38	61	30
32 x 1"	3	5	20	80	5001003206	19,1	38	62,5	30
40 x 1"1/4	3,5	1	10	40	5001004007	21,4	48	58	32,5
50 x 1"1/2	4	1	6	24	5001005008	21,4	54	66,5	32,5
63 x 2"	4,5	1	4	16	5001006310	25,7	67	71	37



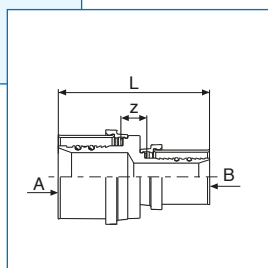
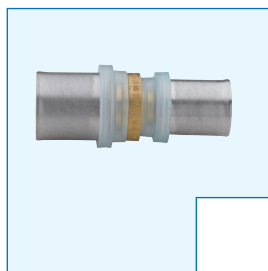
Art. 500200

- Raccordo diritto doppio.
- Straight double fitting.
- Double raccord droit.
- Kupplung.
- Conexión recta doble.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	Z
14 x 14	2	5	70	280	50020014	60	9
16 x 16	2	5	70	280	50020016	60	9
18 x 18	2	5	50	200	50020018	60	9
20 x 20	2	5	50	200	50020020	61	10
26 x 26	3	5	25	100	50020026	73	11
32 x 32	3	5	20	80	50020032	76	11
40 x 40	3,5	1	10	40	50020040	63	12
50 x 50	4	1	8	32	50020050	80	12
63 x 63	4,5	1	4	16	50020063	80	12

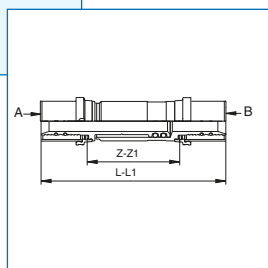
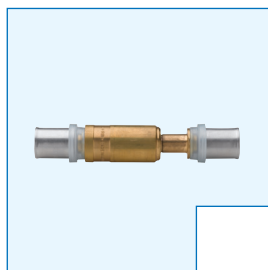


Art. 500300

- Raccordo diritto doppio ridotto.
- Straight reduced double fitting.
- Double raccord droit réduit.
- Reduzier-kupplung.
- Conexión recta doble y reducida.

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	Z
18 x 16	2	5	70	280	5003001816	60	9
20 x 16	2	5	50	200	5003002016	61	10
20 x 18	2	5	60	240	5003002018	61	10
26 x 16	3-2	5	40	160	5003002616	67,5	11
26 x 18	3-2	5	40	160	5003002618	67,5	11
26 x 20	3-2	5	40	160	5003002620	67,5	11
32 x 20	3-2	5	25	100	5003003220	69	11
32 x 26	3	5	25	100	5003003226	74,5	11
40 x 26	3,5-3	1	10	40	5003004026	68,5	12
40 x 32	3,5-3	1	10	40	5003004032	70	12
50 x 32	4-3	1	8	32	5003005032	78,5	12
50 x 40	4-3,5	1	10	40	5003005040	71,5	12
63 x 40	4,5-3,5	1	8	32	5003006340	71,5	12
63 x 50	4,5-4	1	8	32	5003006350	80	12

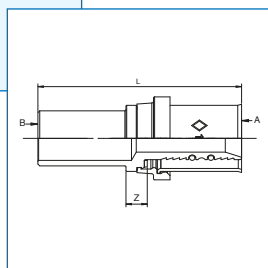
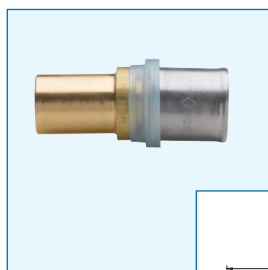


Art. 500500

- Giunto doppio di riparazione e dilatazione.
- Repair double and expansion joint.
- Joint de réparation et dilatation.
- Instandsetzungs-und Ausdehnungsverbundung.
- Junto de reparación y dilatación.

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	L1	Z	Z1
16 x 16	2	1	20	80	50050016	103	130	52	79
18 x 18	2	1	20	80	50050018	103	130	52	79
20 x 20	2	1	20	80	50050020	103	130	52	79

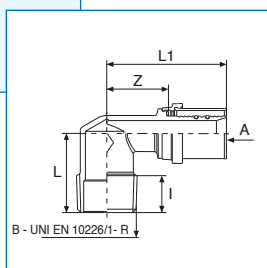
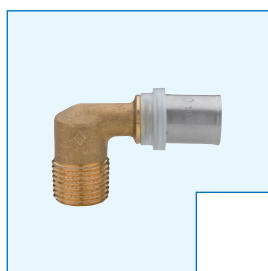


Art. 500600

- Raccordo di transizione multistrato/acciaio.
- Connection fitting multilayer/steel.
- Raccord de connexion multicouche/acier.
- Übergangsfitting Mehrschicht Verbundrohr.
- Conexión de transición multicapa/acero.

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	Z
16 x 15	2	5	20	80	5006001615	55,5	6
20 x 18	2	5	20	80	5006002018	56,5	7
20 x 22	2	5	20	80	5006002022	55	6,5
26 x 22	3	5	20	80	5006002622	64	8
32 x 28	3	5	20	80	5006003228	66,5	8



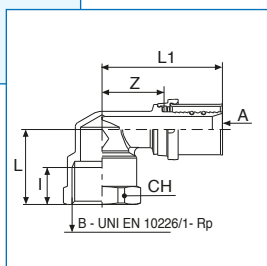
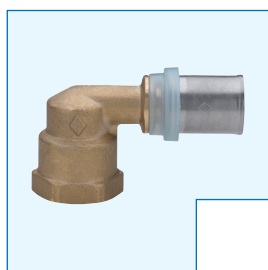
Art. 501000

- Raccordo curvo maschio.
- Elbow male.
- Raccord coude mâle.
- Übergangswinkel AG.
- Conexión curva macho.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	Z
14 x 1/2"	2	5	50	200	5010001404	15	30	50	24,5
16 x 1/2"	2	5	50	200	5010001604	15	30	50	24,5
16 x 3/4"	2	5	40	160	5010001605	16,3	35	53	27,5
18 x 1/2"	2	5	40	160	5010001804	15	30	50	24,5
18 x 3/4"	2	5	40	160	5010001805	16,3	35	53	27,5
20 x 1/2"	2	5	40	160	5010002004	15	30	50	24,5
20 x 3/4"	2	5	35	140	5010002005	16,3	35	53	27,5
26 x 3/4"	3	5	20	80	5010002605	16,3	35	57,5	26,5
26 x 1"	3	5	20	80	5010002606	19,1	40	63,5	32,5
32 x 1"	3	5	15	60	5010003206	19,1	40	65	32,5
40 x 1"1/4	3,5	1	8	32	5010004007	21,4	53,5	60	34,5
50 x 1"1/2	4	1	5	20	5010005008	21,4	57	75	41
63 x 2"	4,5	1	4	16	5010006310	25,7	66	82	48



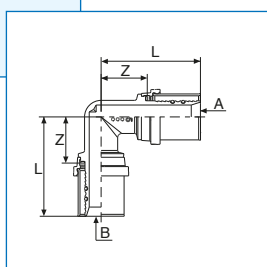
Art. 501100

- Raccordo curvo femmina.
- Elbow female.
- Raccord coude femelle.
- Übergangswinkel IG.
- Conexión curva hembra.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	L	L1	Z
14 x 1/2"	2	5	50	200	5011001404	15	26	28,5	50	24,5
16 x 1/2"	2	5	45	180	5011001604	15	26	28,5	50	24,5
16 x 3/4"	2	5	35	140	5011001605	16,3	31	33	53	27,5
18 x 1/2"	2	5	40	160	5011001804	15	26	28,5	50	24,5
18 x 3/4"	2	5	40	160	5011001805	16,3	31	33	53	27,5
20 x 1/2"	2	5	40	160	5011002004	15	26	28,5	50	24,5
20 x 3/4"	2	5	30	120	5011002005	16,3	31	33	53	27,5
26 x 3/4"	3	5	20	80	5011002605	16,3	31	38,5	57,5	26,5
26 x 1"	3	5	15	60	5011002606	19,1	38	45	63,5	32,5
32 x 1"	3	5	10	40	5011003206	19,1	38	45	65	32,5
40 x 1"1/4	3,5	1	8	32	5011004007	21,4	48	59	60	34,5
50 x 1"1/2	4	1	5	20	5011005008	21,4	54	66	75	41
63 x 2"	4,5	1	4	16	5011006310	25,7	67	78	82	48



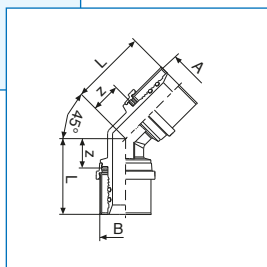
Art. 501200

- Raccordo curvo doppio.
- Elbow double.
- Double raccord coude.
- Winkelkupplung 90°.
- Conexión curva doble.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	Z
14 x 14	2	5	40	160	50120014	44	18,5
16 x 16	2	5	40	160	50120016	44	18,5
18 x 18	2	5	40	160	50120018	48	22,5
20 x 20	2	5	35	140	50120020	48	22,5
26 x 26	3	5	20	80	50120026	57,5	26,5
32 x 32	3	5	10	40	50120032	62	29,5
40 x 40	3,5	1	8	32	50120040	60	34,5
50 x 50	4	1	4	16	50120050	75	41
63 x 63	4,5	1	3	12	50120063	82	48

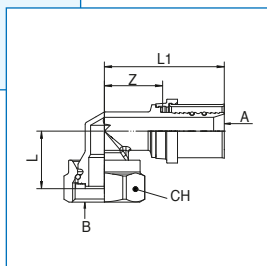
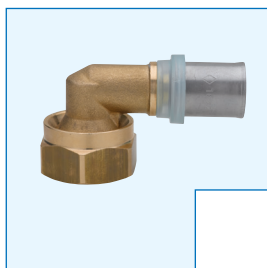


Art. 501400

- Raccordo curvo doppio 45°.
- Double elbow 45°.
- Double raccord coude 45°.
- Winkelkupplung 45°.
- Conexión curva doble 45°.

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	Z
26 x 26	3	5	20	80	50140026	47,5	16,5
32 x 32	3	5	15	60	50140032	52	19,5
40 x 40	3,5	1	10	40	50140040	49	23,5
50 x 50	4	1	6	24	50140050	60	26
63 x 63	4,5	1	2	8	50140063	65	31

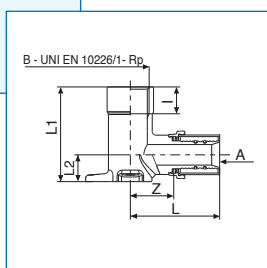
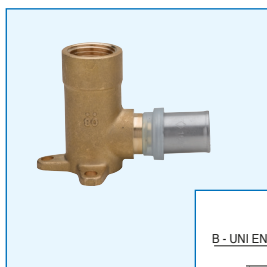


Art. 501700

- Raccordo curvo 2 pezzi sede piana.
- Elbow, 2-piece, with flat seat.
- Raccord coude 2 pièces siège plane.
- 2-teilige Winkelkupplung mit Flachdichtung.
- Conexión curva en 2 piezas con asiento plano.

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	L1	Z
16 X 3/4"	2	5	30	120	5017001605	30	24	37,5	50
20 X 3/4"	2	5	30	120	5017002005	30	24	37,5	50

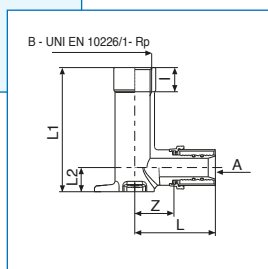
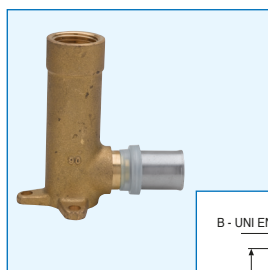


Art. 502000

- Raccordo curvo femmina con flangia.
- Wallplate elbow female.
- Applique murale à sertir, femelle.
- Wandwinkel kurz.
- Conexión curva hembra con brida.

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	L2	Z
14 x 1/2"	2	5	20	80	5020001404	15	50	53	15	24,5
16 x 1/2"	2	5	20	80	5020001604	15	50	53	15	24,5
16 x 1/2"	2	5	30	120	502000160440	15	50	40	16	24,5
18 x 1/2"	2	5	20	80	5020001804	15	50	53	15	24,5
20 x 1/2"	2	5	20	80	5020002004	15	50	53	15	24,5
20 x 1/2"	2	5	20	80	502000200440	15	50	40	16	24,5



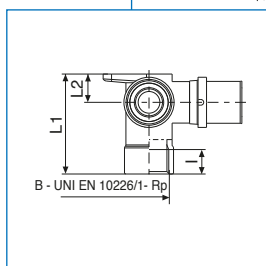
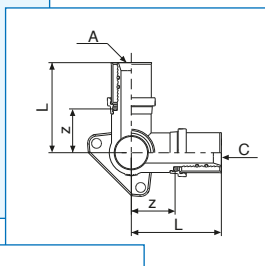
Art. 502100

- Raccordo curvo femmina con flangia, collo lungo.
- Wallplat elbow female, high model.
- Applique murale à sertir, collet longue, femelle.
- Wandwinkel lang.
- Conexión curva hembra con cuello largo.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	L2	Z
16 x 1/2"	2	5	15	60	5021001604	15	50	77	15	24,5
18 x 1/2"	2	5	20	80	5021001804	15	50	77	15	24,5
20 x 1/2"	2	5	15	60	5021002004	15	50	77	15	24,5



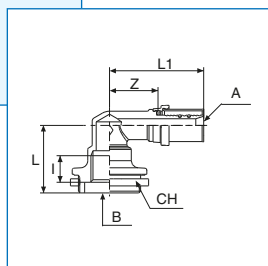
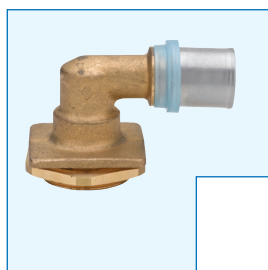
Art. 502200

- Raccordo curvo femmina con flangia doppia.
- Double wallplat elbow female.
- Applique murale à sertir double, femelle.
- Doppelter Wandwinkel kurz.
- Conexión curva hembra con brida doble.

**BREVETTATO
PATENTED**

LBP

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	L2	Z
16 x 1/2" x 16	2	5	15	60	502200160416	15	50	53	15	24,5
18 x 1/2" x 18	2	5	15	60	502200180418	15	50	53	15	24,5
20 x 1/2" x 20	2	5	15	60	502200200420	15	50	53	15	24,5



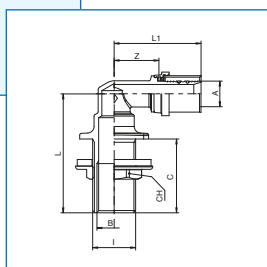
Art. 502300

- Raccordo curvo femmina per cassetta WC incasso.
- Elbow female for built in cistern.
- Coude à sertir femelle pour WC.
- Spülkastenwinkel.
- Conexión curva hembra por caja WC a empotrar.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	L	L1	Z
16 x 1/2"	2	5	20	80	5023001604	15	44	38	53	27,5
18 x 1/2"	2	5	20	80	5023001804	15	44	38	53	27,5
20 x 1/2"	2	5	20	80	5023002004	15	44	38	53	27,5



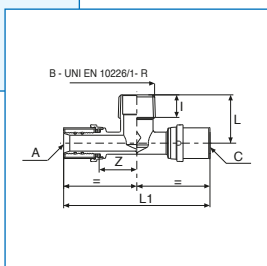
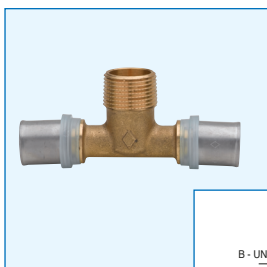
Art. 502400

- Raccordo per pareti sottili.
- Elbow for thin walls.
- Raccord pour parois minces.
- Fitting für dünne Wände.
- Conexión para paredes delgadas.

**BREVETTATO
PATENTED**

LBP

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	L	L1	Z
16 x 1/2" x 18	2	1	15	60	502400160418	G 3/4"	30	45,5	53	27
16 x 1/2" x 30	2	1	15	60	502400160430	G 3/4"	30	57,5	53	27
16 x 1/2" x 45	2	1	10	40	502400160445	G 3/4"	30	72,5	53	27
20 x 1/2" x 18	2	1	15	60	502400200418	G 3/4"	30	45,5	53	27
20 x 1/2" x 30	2	1	15	60	502400200430	G 3/4"	30	57,5	53	27
20 x 1/2" x 45	2	1	10	40	502400200445	G 3/4"	30	72,5	53	27



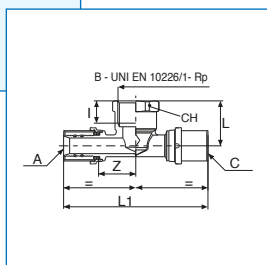
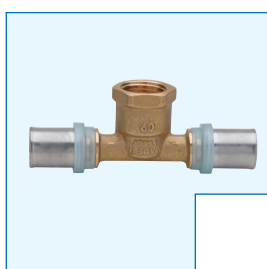
Art. 503000

- Raccordo a "T" maschio.
- "TEE" male.
- Té mâle à sertir.
- Übergangs-T-Stück AG.
- Conexión a T macho.

**BREVETTATO
PATENTED**

LBP

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	Z
14 x 1/2" x 14	2	5	30	120	503000140414	15	30	100	24,5
16 x 1/2" x 16	2	5	30	120	503000160416	15	30	100	24,5
18 x 1/2" x 18	2	5	20	80	503000180418	15	30	100	24,5
18 x 3/4" x 18	2	5	20	80	503000180518	16,3	35	106	27,5
20 x 1/2" x 20	2	5	20	80	503000200420	15	30	100	24,5
20 x 3/4" x 20	2	5	20	80	503000200520	16,3	35	106	27,5
26 x 3/4" x 26	3	5	15	60	503000260526	16,3	35	115	26,5
26 x 1" x 26	3	5	10	40	503000260626	19,1	40	127	32,5
32 x 1" x 32	3	4	8	32	503000320632	19,1	40	130	32,5



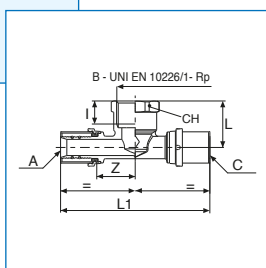
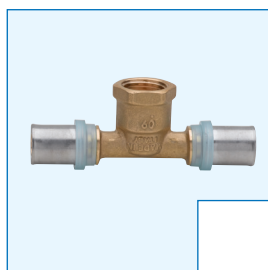
Art. 503100

- Raccordo a "T" femmina.
- "TEE" female.
- Té femelle à sertir.
- Übergangs-T-Stück IG.
- Conexión a T hembra.

**BREVETTATO
PATENTED**

LBP

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE	I	CH	L	L1	Z
14 x 1/2" x 14	2	5	30	120	503100140414	15	26	28,5	100	24,5
16 x 1/2" x 16	2	5	25	100	503100160416	15	26	28,5	100	24,5
18 x 1/2" x 18	2	5	20	80	503100180418	15	26	28,5	100	24,5
18 x 3/4" x 18	2	5	20	80	503100180518	16,3	31	33	106	27,5
20 x 1/2" x 20	2	5	20	80	503100200420	15	26	28,5	100	24,5
20 x 3/4" x 20	2	5	20	80	503100200520	16,3	31	33	106	27,5
26 x 3/4" x 26	3	5	10	40	503100260526	16,3	31	38,5	115	26,5
26 x 1" x 26	3	5	5	20	503100260626	19,1	38	45	127	32,5
32 x 1" x 32	3	4	8	32	503100320632	19,1	38	45	130	32,5
40 x 1" x 40	3,5	1	5	20	503100400640	19,1	-	55	120	34,5
40 x 1 1/4" x 40	3,5	1	6	24	503100400740	21,4	48	59	120	34,5
50 x 3/4" x 50	4	1	3	12	503100500550	16,3	-	52,5	150	49,5
50 x 1" x 50	4	1	3	12	503100500650	19,1	-	55	150	41
50 x 1 1/4" x 50	4	1	3	12	503100500750	21,4	-	64	150	41
63 x 1" x 63	4,5	1	2	8	503100630663	19,1	-	61,5	164	48



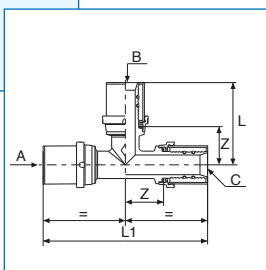
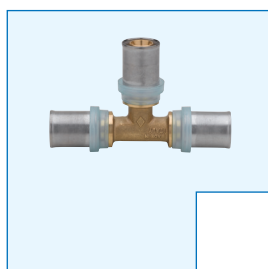
Art. 503140

- Raccordo a "T" femmina ridotto laterale.
- Side T female fitting with reduced port.
- Té réduit femelle à serfir.
- Übergangs T-Stück reduziert IG.
- Conexión a T hembra, con paso reducido, lateral.

**BREVETTATO
PATENTED**

LBP

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	L	L1	Z
20 x 1/2" x 16	2	5	20	80	503140200416	15	26	28,5	100	24,5



Art. 503200

- Raccordo a "T".
- "TEE".
- Té à serfir.
- T-Stück.
- Conexión a T modelo TEE.

**BREVETTATO
PATENTED**

LBP

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	L1	Z
14 x 14 x 14	2	5	30	120	50320014	44	88	18,5
16 x 16 x 16	2	5	30	120	50320016	44	88	18,5
18 x 18 x 18	2	5	20	80	50320018	48	96	22,5
20 x 20 x 20	2	5	20	80	50320020	48	96	22,5
26 x 26 x 26	3	5	10	40	50320026	57,5	115	26,5
32 x 32 x 32	3	4	8	32	50320032	62	124	29,5
40 x 40 x 40	3,5	1	6	24	50320040	60	120	34,5
50 x 50 x 50	4	1	2	8	50320050	75	150	41
63 x 63 x 63	4,5	1	2	8	50320063	82	164	48

Art. 503300 **BREVETTATO PATENTED**

- Raccordo a "T" ridotto centrale.
- "TEE" reduced in center position.
- Té réduit centrale.
- T-Stück Mittelabgang reduziert.
- Conexión a T reducida central.

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	L1	Z1	Z2	Z3
18 x 16 x 18	2	5	20	80	503300181618	48	96	22,5	22,5	22,5
20 x 16 x 20	2	5	20	80	503300201620	48	96	22,5	22,5	22,5
20 x 18 x 20	2	5	20	80	503300201820	48	96	22,5	22,5	22,5
26 x 16 x 26	3-2-3	5	15	60	503300261626	52	115	26,5	26,5	26,5
26 x 18 x 26	3-2-3	5	15	60	503300261826	52	115	26,5	26,5	26,5
26 x 20 x 26	3-2-3	5	15	60	503300262026	52	115	26,5	26,5	26,5
32 x 18 x 32	3-2-3	4	8	32	503300321832	55	124	29,5	29,5	29,5
32 x 20 x 32	3-2-3	4	8	32	503300322032	55	124	29,5	29,5	29,5
32 x 26 x 32	3	4	8	32	503300322632	60,5	124	29,5	29,5	29,5
40 x 20 x 40	3,5-2-3,5	1	5	20	503300402040	60	120	34,5	34,5	34,5
40 x 26 x 40	3,5-3-3,5	1	5	20	503300402640	65,5	120	34,5	34,5	34,5
40 x 32 x 40	3,5-3-3,5	1	5	20	503300403240	65	120	34,5	32,5	34,5
50 x 32 x 50	4-3-4	1	3	12	503300503250	72,5	150	41	40	41
50 x 40 x 50	4-3,5-4	1	3	12	503300504050	65,5	150	41	40	41
63 x 32 x 63	4,5-3-4,5	1	2	8	503300633263	81,5	164	48	49	48
63 x 40 x 63	4,5-3,5-4,5	1	2	8	503300634063	75,5	164	48	50	48
63 x 50 x 63	4,5-4-4,5	1	2	8	503300635063	79	164	48	45	48

LBP

Art. 503400 **BREVETTATO PATENTED**

- Raccordo a "T" ridotto laterale.
- "TEE" reduced in lateral position.
- Té réduit laterale.
- T-Stück rechter Ausgang reduziert.
- Conexión a T reducida lateral.

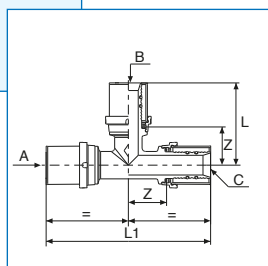
A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	L1	Z1	Z2	Z3
20 x 20 x 16	2	5	20	80	503400202016	48	96	22,5	22,5	22,5
20 x 20 x 18	2	5	20	80	503400202018	48	96	22,5	22,5	22,5
26 x 26 x 16	3-3-2	5	15	60	503400262616	57,5	109,5	26,5	26,5	26,5
26 x 26 x 18	3-3-2	5	15	60	503400262618	57,5	109,5	26,5	26,5	26,5
26 x 26 x 20	3-3-2	5	10	40	503400262620	57,5	109,5	26,5	26,5	26,5
32 x 32 x 20	3-3-2	4	8	32	503400323220	62	117	29,5	29,5	29,5
32 x 32 x 26	3	4	8	32	503400323226	62	122,5	29,5	29,5	29,5

LBP

Art. 503500 **BREVETTATO PATENTED**

- Raccordo a "T" allargato laterale.
- "TEE" widening in lateral position.
- Té élargie laterale.
- T-Stück linker Ausgang vergrößert.
- Conexión T anchada lateral.

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	L1	Z1	Z2	Z3
20 x 16 x 16	2	5	20	80	503500201616	48	96	22,5	22,5	22,5
20 x 18 x 18	2	5	20	80	503500201818	48	96	22,5	22,5	22,5
26 x 20 x 20	3-2-2	5	15	60	503500262020	52	109,5	26,5	26,5	26,5
32 x 26 x 26	3	4	8	32	503500322626	60,5	122,5	29,5	29,5	29,5
40 x 32 x 32	3,5-3-3	1	5	20	503500403232	65	125	34,5	34,5	34,5

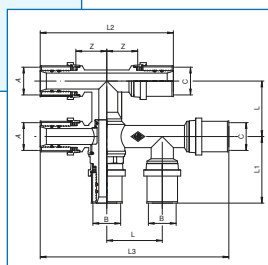
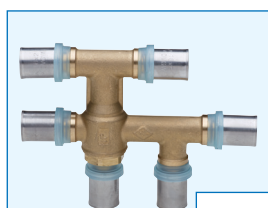


Art. 503600

- Raccordo a "T" allargato centrale.
- "TEE" widening in center position.
- Té élargie centrale.
- T-Stück mittlerer Ausgang vergrößert.
- Conexión T anchada central.

BREVETTATO PATENTED
LBP

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	L1	Z1	Z2	Z3
16 x 20 x 16	2	5	20	80	503600162016	48	96	22,5	22,5	22,5
20 x 26 x 20	2-3-2	5	15	60	503600202620	57,5	104	26,5	26,5	26,5
26 x 32 x 26	3	5	10	40	503600263226	62	121	29,5	29,5	29,5
32 x 40 x 32	3-3,5-3	-	5	20	503600324032	60	130	34,5	34,5	34,5

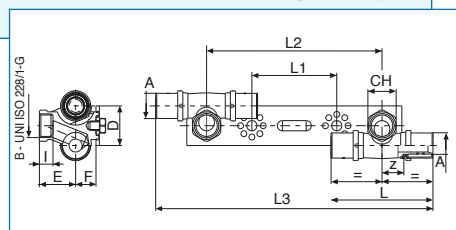
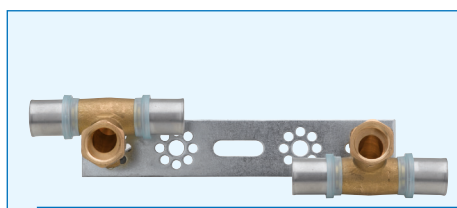


Art. 503700

- "T" by-pass.
- Double Tee.
- Té croisés.
- Kreuzungs-T-Stück.
- Conexion a doble T.

BREVETTATO PATENTED
LBP

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	L1	L2	L3	Z
16 x 16 x 16	2	1	10	40	503700161616	40	48	96	136	22,5
20 x 16 x 16	2	1	5	20	503700201616	40	48	96	136	22,5
20 x 16 x 20	2	1	5	20	503700201620	40	48	96	136	22,5
20 x 20 x 20	2	1	5	20	503700202020	40	48	96	136	22,5

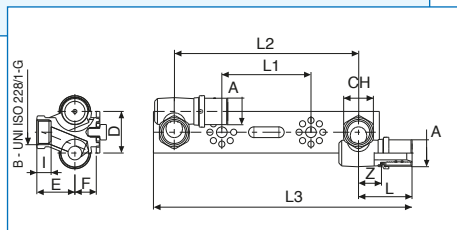
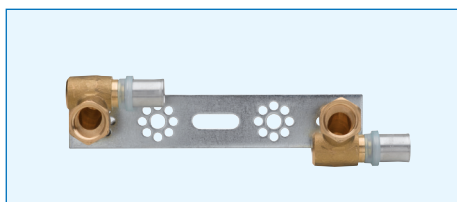


Art. 504000

- Staffa e raccordi disassati per collegamenti in serie.
- Bracket and misaligned fittings for series connections.
- Étrier et raccords désaxés pour connexion en série.
- Montageplatte mit 2 gegeneinander verdrehten Fittings.
- Junta y conexiones fuera del eje por contactos en serie.

BREVETTATO PATENTED
LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	D	E	F	L	L1	L2	L3	Z
16 x 1/2"	2	1	4	16	504000160416	12	25	35	32	18	90	75	155	245	19,5
18 x 1/2"	2	1	4	16	504000180418	12	25	35	32	18	90	75	155	245	19,5
20 x 1/2"	2	1	4	16	504000200420	12	25	35	32	18	90	75	155	245	19,5



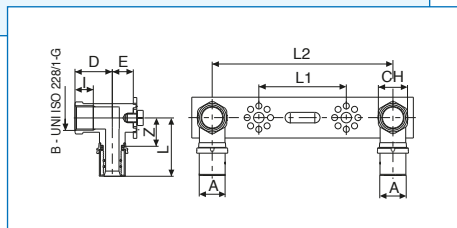
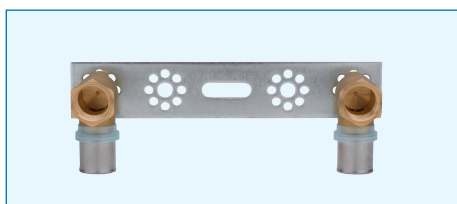
Art. 504100

- Staffa e raccordi disassati per collegamenti terminali.
- Bracket and misaligned end fittings.
- Étrier et raccords désaxés pour connexion terminales.
- Montageplatte mit 2 gegeneinander verdrehten Fittings.
- Junta y conexiones fuera del eje por contactos terminales.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	D	E	F	L	L1	L2	L3	Z
16 x 1/2"	2	1	4	16	5041001604	15	25	35	32	18	45	75	155	218	19,5
18 x 1/2"	2	1	4	16	5041001804	15	25	35	32	18	45	75	155	218	19,5
20 x 1/2"	2	1	4	16	5041002004	15	25	35	32	18	45	75	155	218	19,5



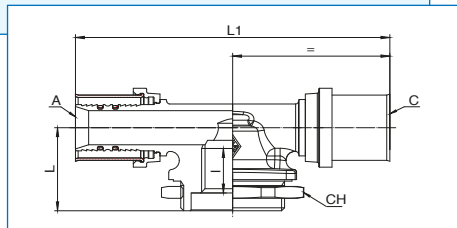
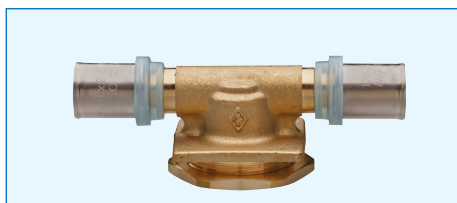
Art. 504200

- Staffa e raccordi terminali.
- Bracket and end fittings.
- Étrier et raccords terminales.
- Montageplatte 2 Fittings.
- Junta y conexiones terminales.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	D	E	L	L1	L2	Z
16 x 1/2"	2	1	4	16	5042001604	12	25	32	18	50	75	155	24,5
18 x 1/2"	2	1	4	16	5042001804	12	25	32	18	50	75	155	24,5
20 x 1/2"	2	1	4	16	5042002004	12	25	32	18	50	75	155	24,5



Art. 504300

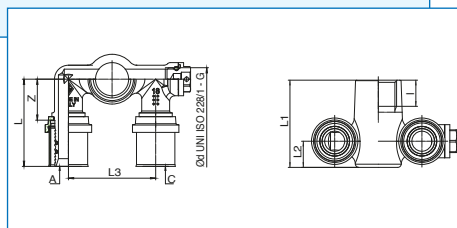
- Raccordo T con flangia femmina per WC
- Tee female for built-in cistern
- Raccord à T et à sertir, femelle, pour WC.
- UP Spülkasten T-Stück.
- Conexión hembra en "T" para caja WC a empotrar.

**BREVETTATO
PATENTED**

NEW

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	Z	Ch
16 x 1/2 x 16	2	5	10	40	504300160416	15	28	106	26,5	0,23
20 x 1/2 x 20	2	5	10	40	504300200420	15	28	106	26,5	0,22



Art. 504400

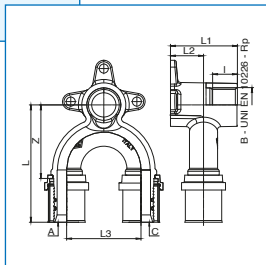
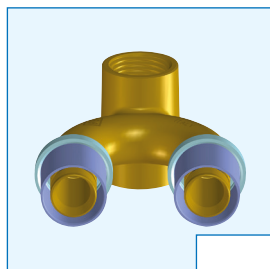
- Raccordo ad "U" con attacco a muro.
- Wallplate elbow U-shaped.
- Raccord en "U" avec connexion mural.
- Wandwinkel doppelt U.
- Conexión curva con codo en "U".

**BREVETTATO
PATENTED**

NEW

LBP

A x B	Ød	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	L2	L3	Z
16 x 1/2 x 16	1/4	2	5	10	40	504400160416	15	50	49	15	50	27,5
20 x 1/2 x 20	1/4	2	5	10	40	504400200420	15	50	49	15	50	27,5



Art. 504500

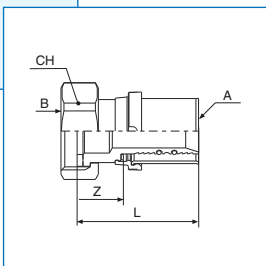
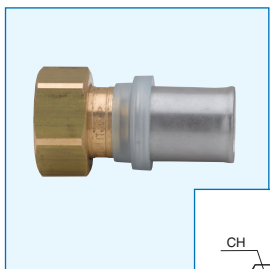
- Raccordo ad "U" con flangia.
- Wallplate elbow U-shaped 180°.
- Raccord à "U" à sertir.
- Wandwinkel doppelt.
- Conexión curva con codo en "U" 180°.

**BREVETTATO
PATENTED**

NEW

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	L2	L3	Z	Kg
16 x 1/2 x 16	2	5	10	40	504500160416	15	71	40,5	20	45	44,5	0,23
20 x 1/2 x 20	2	5	10	40	504500200420	15	71	40,5	20	45	44,5	0,25



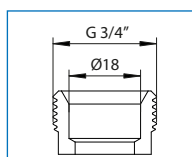
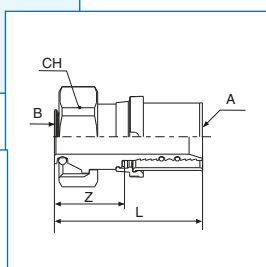
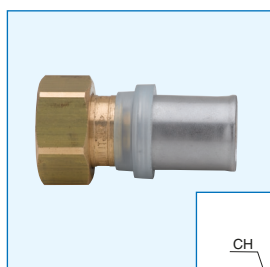
Art. 505000

- Raccordo diritto 2 pezzi sede piana.
- 2 pieces straight fitting flat seals.
- Raccord droit à sertir, deux pièces, siège plane.
- Anschlusspressver-schraubung Flachdichtung.
- Conexión recta 2 piezas sede plana.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	Z
14 x 1/2"	2	5	60	240	5050001404	24	40	14,5
16 x 1/2"	2	5	60	240	5050001604	24	40	14,5
16 x 3/4"	2	5	50	200	5050001605	30	37,5	11,8
16 x 1"	2	5	25	100	5050001606	30	41,5	15,5
18 x 3/4"	2	5	50	200	5050001805	30	41	15,5
20 x 3/4"	2	5	50	200	5050002005	30	41,5	16
20 x 1"	2	5	25	100	5050002006	37	38	12,3
26 x 3/4"	3	5	25	100	5050002605	30	49,5	18,3
26 x 1"	3	5	25	100	5050002606	37	51	20



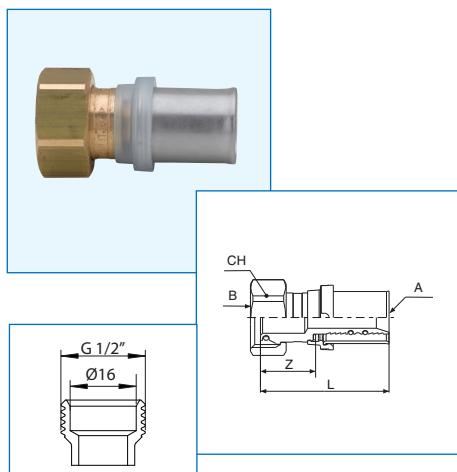
Art. 505100

- Raccordo diritto 2 pezzi sede eurocono.
- 2 pieces straight fitting euroconus.
- Raccord droit à sertir, deux pièces, siège euroconique.
- Anschlusspress-verschraubung eurokonus.
- Conexión recta 2 piezas sede eurocono.

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	Z
14 x 3/4"	2	5	50	200	5051001405	30	46,3	20,8
16 x 3/4"	2	5	50	200	5051001605	30	46,3	20,8
18 x 3/4"	2	5	50	200	5051001805	30	46,3	20,8
20 x 3/4"	2	5	50	200	5051002005	30	48,8	23,3
26 x 3/4"	3	5	50	200	5051002605	30	55,6	24,4



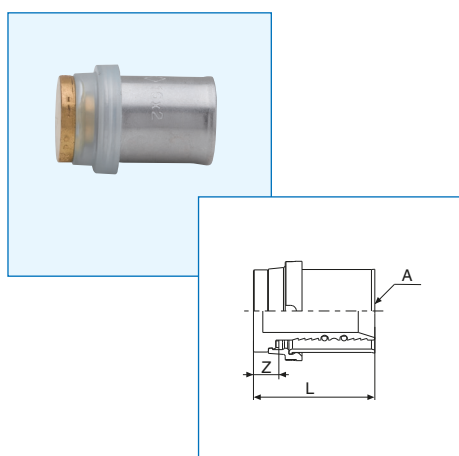
Art. 505200

- Raccordo diritto 2 pezzi sede conica 1/2".
- 2 pieces straight fitting taper seals 1/2".
- Raccord droit à serir, deux pièces, siège conique 1/2".
- Anschlusspressver-schraubung mit Kegeling 1/2".
- Conexión recta 2 piezas sede cónica 1/2".

**BREVETTATO
PATENTED**

LBP

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	Z
14 x 1/2"	2	5	60	240	5052001404	24	45	19,5
16 x 1/2"	2	5	60	240	5052001604	24	45	19,5
20 x 1/2"	2	5	60	240	5052002004	24	46	20,3



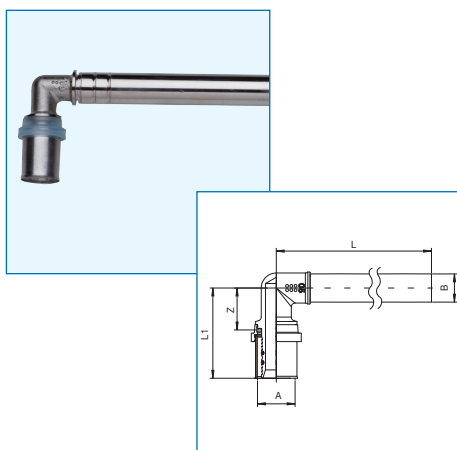
Art. 505300

- Tappo.
- Cap.
- Bouchon.
- Pressstopfen.
- Tapón.

**BREVETTATO
PATENTED**

LBP

A	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	Z
14	2	10	40	160	50530014	31,5	6
16	2	10	40	160	50530016	31,5	6
18	2	10	30	120	50530018	31,5	6
20	2	10	30	120	50530020	32,5	7
26	3	5	20	80	50530026	39	8
32	3	5	10	40	50530032	40,5	8
40	3,5	1	10	40	50530040	34,5	9



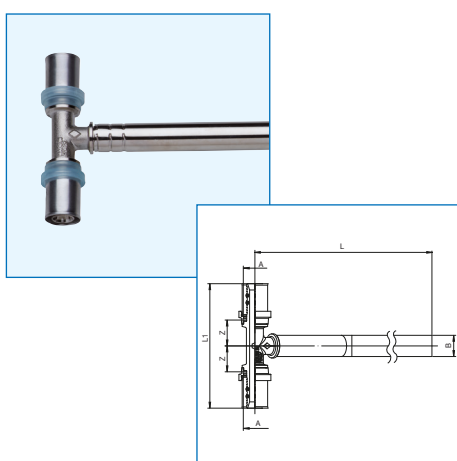
Art. 507000

- Raccordo curvo per attacco radiatori.
- Elbow with copper pipe for connection with radiator.
- Racorde coude avec tuyau cuivre pour connection radiateur.
- Heizkörperanschluss Winkel.
- Conexión curva con tubo de cobre para radiador.

**BREVETTATO
PATENTED**

LBP

A x B x L	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L1	Z
16 x 15 x 300	2	2	10	30	507000161503	44	18,5
16 x 15 x 1100	2	-	2	-	507000161511	44	18,5
20 x 15 x 300	2	2	10	30	507000201503	48	22,5
20 x 15 x 1100	2	-	2	-	507000201511	48	22,5



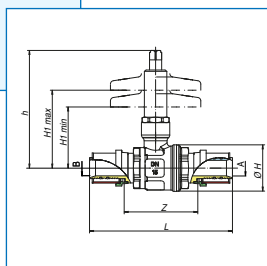
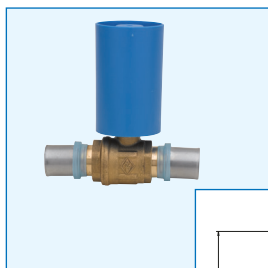
Art. 507100

- Raccordo a "T" per attacco radiatori.
- TEE with copper pipe for connection with radiator.
- Tè avec tuyau cuivre pour connection radiateur.
- Heizkörper-anchluss T-Stück.
- Conexión a T con tubo de cobre para radiador.

**BREVETTATO
PATENTED**

LBP

A x B x L	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L1	Z
16 x 15 x 300	2	2	8	24	507100161503	88	18,5
16 x 15 x 1100	2	-	2	-	507100161511	88	18,5
20 x 15 x 300	2	1	10	30	507100201503	96	22,5
20 x 15 x 1100	2	-	2	-	507100201511	96	22,5



Art. 509090

- Valvola a sfera da incasso attacchi pressare/pressare con cappello di protezione.
- Built-in ball valve, press/press connections with protection cap.
- Robinet à boisseau sphérique à encastrer, connexions à presser, avec capuchon de protection.
- Unterflurkugelhahn, beiderseits Pressanschlüsse mit Schutzkappe.
- Válvula esférica a embutir con conexiones prensar/prensar y tapa de protección.

**BREVETTATA
PATENTED
LBP**

A x B	SP	BOX	MASTER BOX	CODICE CODE	L	Z	ØH
16 x 16	2	15	30	50909016	106	53	34,5
18 x 18	2	15	30	50909018	106	53	34,5
20 x 20	2	10	20	50909020	106	53	34,5
26 x 26	3	15	30	50909026	116	53	34,5

Disponibile accessorio, art. 5817, a pag. 264 - The accessories, item 5817, is available. See at page 264.



Art. 43F4

- Leva e rosone cromati per artt. 509090-549090-4390-4490.
- Chrome plated lever handle and cap for artt. 509090-549090-4390-4490.
- Levier et chapeau chromés pour artt. 509090-549090-4390-4490.
- Verchromter Hebel und Kappe für Artt. 509090-549090-4390-4490.
- Palanca y anillo roscado cromados por artt. 509090-549090-4390-4490.

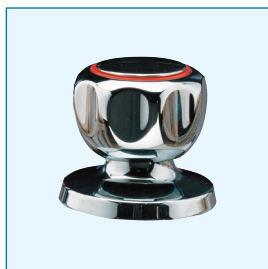
VEDI PAGINA 77 - SEE PAGE 77 - BITTE SEHEN SIE UM SEITE 77
VOIR PAGE 77 - VER A LA PAGINA 77



Art. 43F5

- Cappuccio cromato per artt. 509090-549090-4290-4390-4490.
- Chrome plated cap for artt. 509090-549090-4290-4390-4490.
- Capuchon chromé pour artt. 509090-549090-4290-4390-4490.
- Verchromte Kappe für Artt. 509090-549090-4290-4390-4490.
- Capucho cromado por artt. 509090-549090-4290-4390-4490.

VEDI PAGINA 77 - SEE PAGE 77 - BITTE SEHEN SIE UM SEITE 77
VOIR PAGE 77 - VER A LA PAGINA 77



Art. 43F6

- Maniglia e rosone cromati per artt. 509090-549090-4390-4490.
- Chrome plated handle and cap for artt. 509090-549090-4390-4490.
- Manette et chapeau chromés pour artt. 509090-549090-4390-4490.
- Verchromter Griff und Kappe für Artt. 509090-549090-4390-4490.
- Manilla y anillo roscado cromados por artt. 509090-549090-4390-4490.

VEDI PAGINA 79 - SEE PAGE 79 - BITTE SEHEN SIE UM SEITE 79
VOIR PAGE 79 - VER A LA PAGINA 79



Art. 43F7

- Cappuccio cromato per artt. 509090-549090-4290-4390-4490.
- Chrome plated cap for artt. 509090-549090-4290-4390-4490.
- Capuchon chromé pour artt. 509090-549090-4290-4390-4490.
- Verchromte Kappe für Artt. 509090-549090-4290-4390-4490.
- Capucho cromado por artt. 509090-549090-4290-4390-4490.

VEDI PAGINA 78 - SEE PAGE 78 - BITTE SEHEN SIE UM SEITE 78
VOIR PAGE 78 - VER A LA PAGINA 78








Art. 43F8

- Maniglia e rosone cromanti per artt. 509090-549090-4290-4390-4490.
- Chrome plated handle and cap for artt. 509090-549090-4290-4390-4490.
- Manette et chapeau chromés pour artt. 509090-549090-4290-4390-4490.
- Verchromter Griff und Kappe für Artt. 509090-549090-4290-4390-4490.
- Manilla y anillo roscado cromados por artt. 509090-549090-4290-4390-4490.

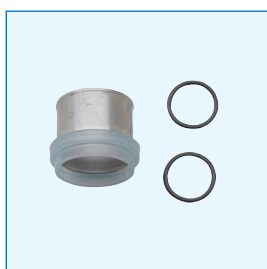
VEDI PAGINA 78 - SEE PAGE 78 - BITTE SEHEN SIE UM SEITE 78
VOIR PAGE 78 - VER A LA PAGINA 78








Art. 50U520

-  Tappo prova impianto ad avvitare riutilizzabile.
-  Screwed plug, to be used again, for pipeline testing.
-  Bouchon d'essai installation à visser et réemployable.
-  Endfitting mit Gewinde zur Rohrleitungsprüfung, wieder verbrauchbar.
-  Tapón prueba instalación a atornillar y nuevamente utilizable.

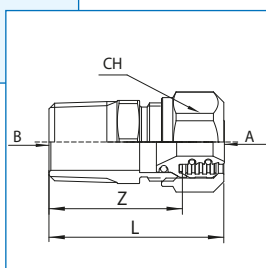
MATERIALE MATERIAL	MISURA SIZE	SP	SAC.	BOX	MASTER BOX	CODICE CODE
MULTISTRATO - MULTILAYER	14	2	1	25	100	50U52014
MULTISTRATO - MULTILAYER	16	2	1	25	100	50U52016
MULTISTRATO - MULTILAYER	18	2	1	25	100	50U52018
MULTISTRATO - MULTILAYER	20	2	1	25	100	50U52020



Art. 50RI00

-  Bussola, ghiera e O-ring di ricambio.
-  Ring, bushing, spare O-rings.
-  Bague, manchon, O-ring de rechange.
-  Ersatzteilset für Pressfittings, Ring, Buchse, Ersatz O-Ringe.
-  Anillo, manguito, O-ring de repuesto.

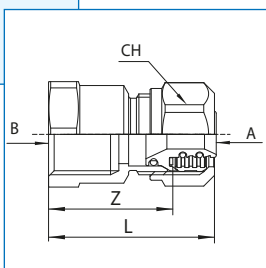
MISURA SIZE	SAC.	BOX	MASTER BOX	CODICE CODE
14	10	-	-	50RI0014
16	10	-	-	50RI0016
18	10	-	-	50RI0018
20	10	-	-	50RI0020
26	10	-	-	50RI0026
32	10	-	-	50RI0032
40	1	-	-	50RI0040
50	1	-	-	50RI0050
63	1	-	-	50RI0063



Art. 500090

- Raccordo diritto maschio per tubo multistrato.
- Straight fitting male for multilayer pipe.
- Raccord droit mâle pour tuyau multicouche.
- Übergangsstück AG.
- Conexión recta macho por tubo multicapa.

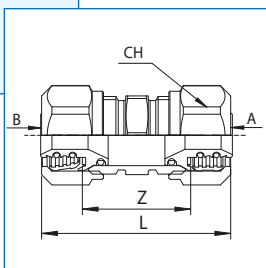
TRATTAMENTO TREATMENT	A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	Z
Nichelato - Nickel plated	14 x 1/2"	2	5	50	200	500090142004	24	45,5	34
Nichelato - Nickel plated	14 x 3/4"	2	5	30	120	500090142005	24	47	35,5
Nichelato - Nickel plated	16 x 1/2"	2	5	50	200	500090162004	24	46,5	35,5
Nichelato - Nickel plated	16 x 3/4"	2	5	25	100	500090162005	24	48	37
Nichelato - Nickel plated	18 x 1/2"	2	5	30	120	500090182004	30	49,5	37,5
Nichelato - Nickel plated	18 x 3/4"	2	5	25	100	500090182005	30	50	38
Nichelato - Nickel plated	20 x 1/2"	2	5	30	120	500090202004	30	52,5	40
Nichelato - Nickel plated	20 x 3/4"	2	5	25	100	500090202005	30	53	40,5



Art. 500190

- Raccordo diritto femmina per tubo multistrato.
- Straight fitting female for multilayer pipe.
- Raccord droit femelle pour tuyau multicouche.
- Übergangsstück IG.
- Conexión recta hembra por tubo multicapa.

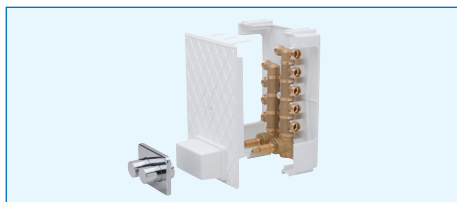
TRATTAMENTO TREATMENT	A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	Z
Nichelato - Nickel plated	14 x 1/2"	2	5	40	160	500190142004	24	42	30,5
Nichelato - Nickel plated	14 x 3/4"	2	5	25	100	500190142005	24	45	33,5
Nichelato - Nickel plated	16 x 1/2"	2	5	40	160	500190162004	24	43	32
Nichelato - Nickel plated	16 x 3/4"	2	5	20	80	500190162005	24	46	35
Nichelato - Nickel plated	18 x 1/2"	2	5	25	100	500190182004	30	42,5	30,5
Nichelato - Nickel plated	18 x 3/4"	2	5	20	80	500190182005	30	48	36
Nichelato - Nickel plated	20 x 1/2"	2	5	25	100	500190202004	30	45,5	33
Nichelato - Nickel plated	20 x 3/4"	2	5	20	80	500190202005	30	51	38,5



Art. 500290

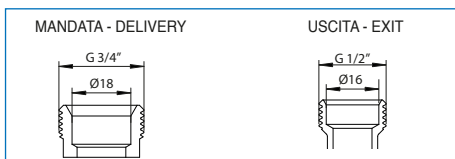
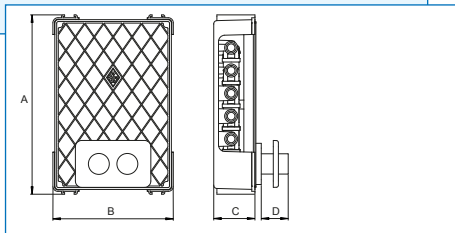
- Raccordo diritto doppio per tubo multistrato.
- Straight fitting double for multilayer pipe.
- Raccord double pour tuyau multicouche.
- Kupplung.
- Conexión recta doble por tubo multicapa.

TRATTAMENTO TREATMENT	A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	Z
Nichelato - Nickel plated	14 x 14	2	5	40	160	50029014	24	48,5	25,5
Nichelato - Nickel plated	16 x 16	2	5	40	160	50029016	24	50,5	29
Nichelato - Nickel plated	18 x 18	2	5	25	100	50029018	30	56	31,5
Nichelato - Nickel plated	20 x 20	2	5	25	100	50029020	30	61,5	36,5



Art. 593000

- Collettore di distribuzione sanitaria con cassetta ad incasso.
- Manifold for sanitary distribution with built-in box.
- Collecteur de distribution sanitaire avec boîte à encastrer.
- Verteiler für Sanitär in Einbaukasten.
- Colector distribución sanitaria con caja a empotrar.

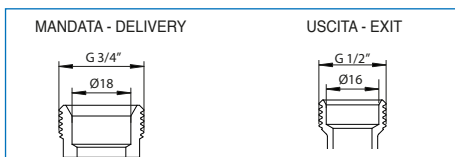
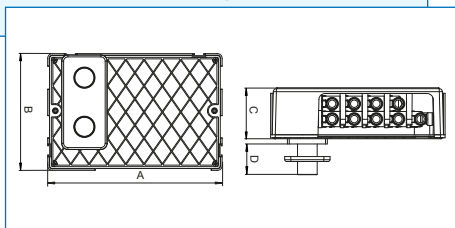


MANDATA DELIVERY	USCITA EXIT	SAC.	BOX	MASTER BOX	CODICE CODE	N° VIE N°WAYS	A	B	C	D
3/4" x 18	1/2" x 16	-	-	1	5930002607	4+3	283	190	65	42
3/4" x 18	1/2" x 16	-	-	1	5930002608	5+3	283	190	65	42
3/4" x 18	1/2" x 16	-	-	1	5930002609	5+4	283	190	65	42
3/4" x 18	1/2" x 16	-	-	1	5930002610	6+4	283	190	65	42



Art. 593100

- Collettore componibile lineare di distribuzione sanitaria con cassetta ad incasso.
- Composable linear manifold for sanitary distribution with built-in box.
- Collecteur composable linéaire de distribution sanitaire avec boîte à encastrer.
- UP Verteilerkasten mit Sanitäralkenverteiler; Absperrung und Chromkappen für den senkrechten Einbau.
- Colector componible lineal con caja embutido para la distribución sanitaria.

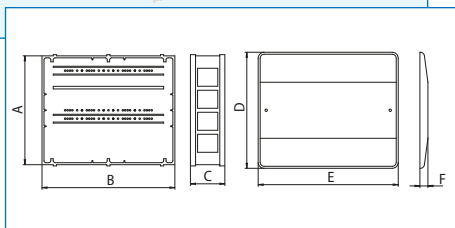


MANDATA DELIVERY	USCITA EXIT	SAC.	BOX	MASTER BOX	CODICE CODE	N° VIE N°WAYS	A	B	C	D
3/4" x 18	1/2" x 16	-	-	1	5931002607	4+3	284	190	83	50
3/4" x 18	1/2" x 16	-	-	1	5931002608	5+3	284	190	83	50
3/4" x 18	1/2" x 16	-	-	1	5931002609	5+4	284	190	83	50
3/4" x 18	1/2" x 16	-	-	1	5931002610	6+4	284	190	83	50



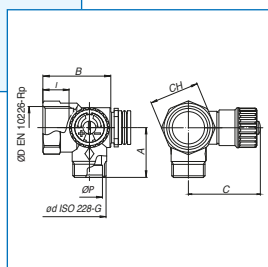
Art. 595000

- Cassetta ad incasso componibile* per collettori, universale.
- Universal sectional* box for manifolds.
- Boîte à encastrer pour collecteur componible* universel.
- Leere Universalbox für Verteiler.
- Caja a empotrar por colectores componibles.



MISURA SIZE	SAC.	BOX	MASTER BOX	CODICE CODE	A	B	C	D	E	F
cm 32 x 27 x 8,5	-	-	1	59500032	272	332	86	290	350	15
cm 40 x 27 x 8,5	-	-	1	59500040	272	412	86	290	430	15
cm 50 x 27 x 8,5	-	-	1	59500050	272	512	86	290	530	15

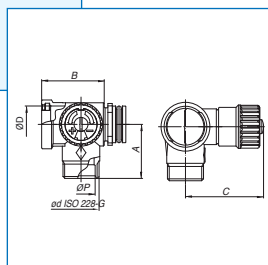
* Basso ingombro nello stoccaggio - Low dimension in stocking



Art. 591200

- Modulo di mandata femmina con rubinetto d'arresto per collettore componibile.
- Discharge module, female, with shut-off valve for composable manifold.
- Module de sortie, femelle, avec robinet d'arrêt, pour collecteur composable.
- Erweiterung für Balkenverteiler 3/4" IG mit Absperrventil für den Anfangseinbau.
- Módulo de vuelta hembra con gallo de paro para colector componible.

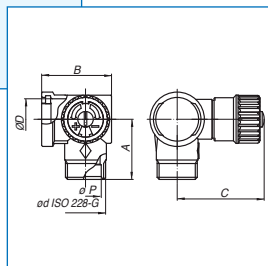
ØD X Ød	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B	C	CH	I
3/4" x 1/2"	1	10	80	5912002601	16	31	42,3	45	31	16,3



Art. 591300

- Modulo intermedio con rubinetto d'arresto per collettore componibile.
- Intermediate module with shut-off valve for composable manifold.
- Module intermédiaire avec robinet d'arrêt pour collecteur composable.
- Erweiterung für Balkenverteiler mit Absperrventil für den Zwischeneinbau.
- Módulo intermedio con gallo de paro para colector componible.

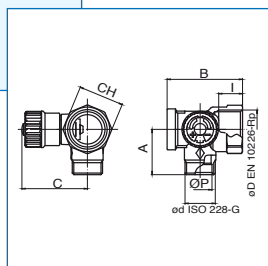
ØD X Ød	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B	C	CH
3/4" x 1/2"	1	10	80	5913002601	16	31	36	45	31



Art. 591400

- Modulo terminale con rubinetto d'arresto per collettore componibile.
- Terminal module with shut-off valve for composable manifold.
- Module final avec robinet d'arrêt pour collecteur composable.
- Endwinkel für Balkenverteiler mit Absperrventil.
- Módulo terminal con gallo de paro para colector componible.

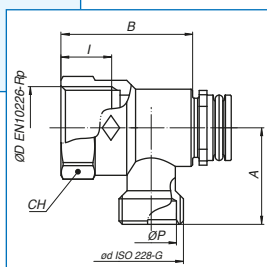
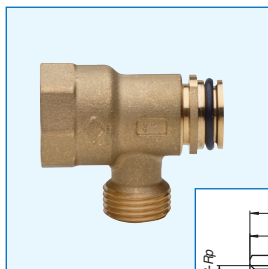
ØD X Ød	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B	C	CH
3/4" x 1/2"	1	10	80	5914002601	16	31	36	45	31



Art. 592000

- Modulo terminale femmina con rubinetto d'arresto per collettore componibile.
- Terminal module, female, with shut-off valve for composable manifold.
- Module de sortie, femelle, avec robinet d'arrêt, pour collecteur composable.
- Erweiterung für Balkenverteiler IG mit Absperrventil für den Zwischeneinbau.
- Módulo terminal hembra con gallo de paro para colector componible.

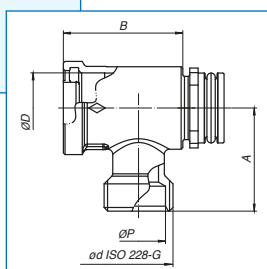
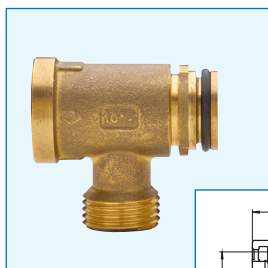
ØD X Ød	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B	C	CH	I
3/4" x 1/2"	1	10	80	5920002601	16	31	51,6	45	31	16,3



Art. 591500

- Modulo di mandata femmina per collettore componibile.
- Discharge module for composable manifold.
- Module de sortie, femelle, pour collecteur composable.
- Erweiterung für Balkenverteiler 3/4" IG Anfangseinbau.
- Módulo de vuelta hembra para colector componible.

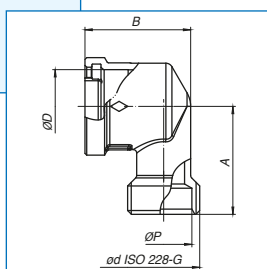
ØD X Ød	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B	CH	I
3/4" x 1/2"	1	15	120	5915002601	16	31	42,3	31	16,3



Art. 591600

- Modulo intermedio per collettore componibile.
- Intermediate module for composable manifold.
- Module intermédiaire pour collecteur composable.
- Erweiterung für Balkenverteiler für den Zwischeneinbau.
- Módulo intermedio para colector componible.

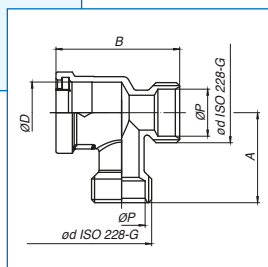
ØD X Ød	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B
3/4" x 1/2"	1	15	120	5916002601	16	31	36



Art. 591700

- Modulo terminale singola uscita per collettore componibile.
- Terminal module single way for composable manifold.
- Module final, sortie unique, pour collecteur composable.
- Endwinkel für Balkenverteiler.
- Módulo terminal única salida para colector componible.

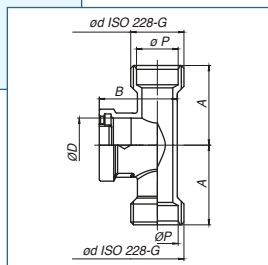
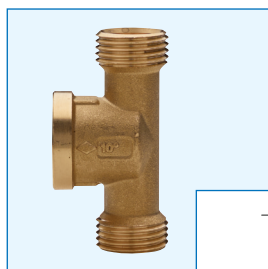
ØD X Ød	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B
3/4" x 1/2"	1	15	60	5917002601	16	31	30,4



Art. 591800

- Modulo terminale a due derivazioni 90° per collettore componibile.
- 2-ways 90° terminal module for composable manifold.
- Module final à deux sorties 90°, pour collecteur composable.
- Endwinkel für Balkenverteiler, 2 Wege 90°.
- Módulo terminal con 2 vías a 90° para colector componible.

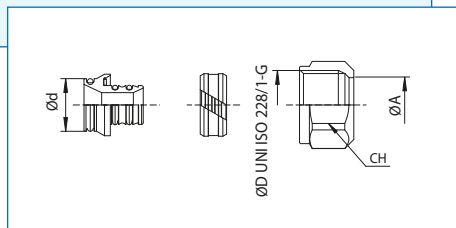
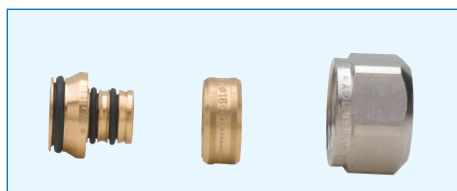
ØD X Ød	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B
3/4" x 1/2"	1	15	120	5918002602	16	31	42,6



Art. 591900

- Modulo terminale a due derivazioni 180° per collettore componibile.
- 2-ways 180° terminal module for composable manifold.
- Module final à deux sorties 180°, pour collecteur composable.
- Endstück für Balkenverteiler, 2 Wege 180°.
- Módulo terminal con 2 vías a 180° para colector componible.

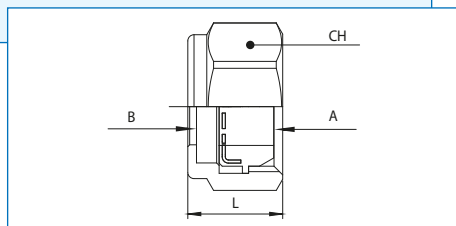
ØD X Ød	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B
3/4" x 1/2"	1	15	60	5919002602	16	31	30,4



Art. 595030

- Adattatore per tubo multistrato.
- Adapters for multilayer pipe.
- Raccord pour tuyau multicouche.
- Adapter für Mehrschichtverbundrohr.
- Adaptador por tubo multicapa.

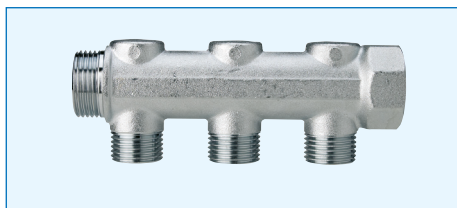
TRATTAMENTO TREATMENT	ØA x ØDx Ød	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	Ød
Nichelato - Nickel plated	14 x 1/2"x16	2	5	50	300	595030142004	24	16
Nichelato - Nickel plated	14 x 3/4"x18	2	5	30	180	595030142005	30	18
Nichelato - Nickel plated	16 x 1/2"x16	2	5	50	300	595030162004	24	16
Nichelato - Nickel plated	16 x 3/4"x18	2	5	30	180	595030162005	30	18
Nichelato - Nickel plated	18 x 3/4"x18	2	5	30	180	595030182005	30	18
Nichelato - Nickel plated	20 x 3/4"x18	2	5	30	180	595030202005	30	18



Art. 595031

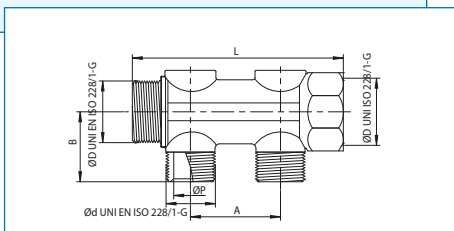
- Adattatore per tubo rame.
- Adapters for copper pipe.
- Ecrou pour Raccord pour tuyau multicouche.
- Adapter für Kupferrohr.
- Adaptador por tubo cobre.

TRATTAMENTO TREATMENT	A x B	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L
Nichelato - Nickel plated	10 x 1/2"	10	100	600	5950311004	24	16,3
Nichelato - Nickel plated	12 x 1/2"	10	100	600	5950311204	24	16
Nichelato - Nickel plated	14 x 1/2"	10	100	600	5950311404	24	15,5
Nichelato - Nickel plated	15 x 1/2"	10	100	600	5950311504	24	15,3
Nichelato - Nickel plated	16 x 1/2"	10	100	600	5950311604	24	14,5



Art. 590000

- Collettore lineare in ottone derivazioni 1/2".
- Brass linear manifold with 1/2" ways.
- Collecteur en laiton sorties mâle 1/2".
- Verteiler 1/2".
- Colector linear el latón derivación 1/2".

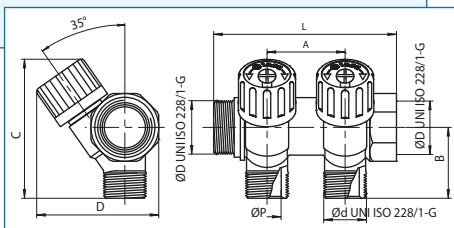


TRATTAMENTO TREATMENT	ØD x Ød	N° VIE - N° WAYS	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B	L
Nichelato - Nickel plated	3/4" x 1/2"	2	-	20	80	5900000502	16	38	29,5	90
Nichelato - Nickel plated	3/4" x 1/2"	3	-	15	60	5900000503	16	38	29,5	128
Nichelato - Nickel plated	3/4" x 1/2"	4	-	10	40	5900000504	16	38	29,5	166
Nichelato - Nickel plated	1" x 1/2"	2	-	20	80	5900000602	16	38	32	90
Nichelato - Nickel plated	1" x 1/2"	3	-	10	40	5900000603	16	38	32	128
Nichelato - Nickel plated	1" x 1/2"	4	-	10	40	5900000604	16	38	32	166

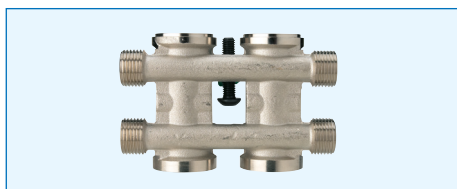


Art. 590100

- Collettore lineare in ottone con rubinetti d'arresto derivazioni 1/2".
- Brass linear manifold with stop cocks 1/2" ways.
- Collecteur en laiton avec robinets d'arrêt sorties 1/2".
- Verteiler 1/2" mit Absperrung.
- Colector linear en latón con grifos de paro derivación 1/2".

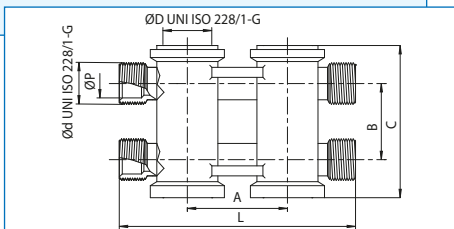


TRATTAMENTO TREATMENT	ØD x Ød	N° VIE - N° WAYS	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B	C	D	L
Nichelato - Nickel plated	3/4" x 1/2"	2	-	6	36	5901000502	16	38	34,5	68	60	89
Nichelato - Nickel plated	3/4" x 1/2"	3	-	5	30	5901000503	16	38	34,5	68	60	127
Nichelato - Nickel plated	3/4" x 1/2"	4	-	5	20	5901000504	16	38	34,5	68	60	165



Art. 591000

- Collettore complanare in ottone a modulo componibile derivazioni 1/2".
- Brass complanar modular manifold with 1/2" ways.
- Collecteur coplanaire en laiton à module componible sorties 1/2".
- Verteilerbalken 1/2" kurz.
- Colector en mismo plano, fabricado en latón, derivación 1/2".

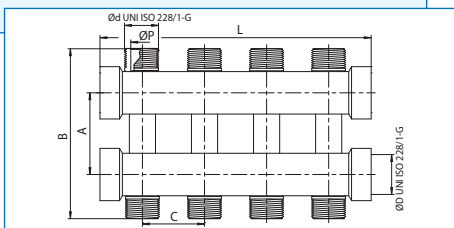


TRATTAMENTO TREATMENT	ØD x Ød	N° VIE N° WAYS	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B	C	L
Nichelato - Nickel plated	3/4" x 1/2"	2 x 2	-	4	24	5910000502	16	50	38	78	118
Nichelato - Nickel plated	1" x 1/2"	2 x 2	-	6	24	5910000602	16	60	38	78	134

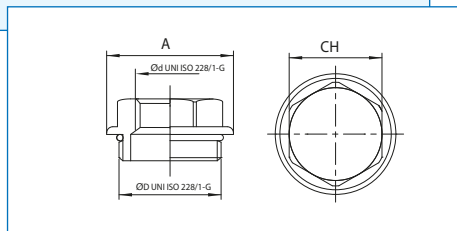


Art. 591100

- Collettore complanare compatto in ottone derivazioni 1/2".
- Brass complanar compact manifold with 1/2" ways.
- Collecteur coplanaire compact en laiton sorties 1/2".
- Verteilerbalken 1/2" lang.
- Caja a empotrar por colectores componibles.



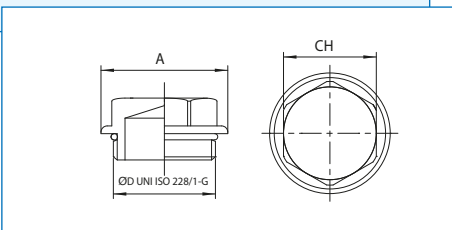
TRATTAMENTO TREATMENT	ØD x Ød	N° VIE N° WAYS	SAC.	BOX	MASTER BOX	CODICE CODE	ØP	A	B	C	L
Nichelato - Nickel plated	3/4" x 1/2"	4 x 4	-	1	4	5911000504	16	50	104	38	166
Nichelato - Nickel plated	3/4" x 1/2"	6 x 6	-	-	1	5911000506	16	50	104	38	242
Nichelato - Nickel plated	3/4" x 1/2"	8 x 8	-	-	1	5911000508	16	50	104	38	318
Nichelato - Nickel plated	1" x 1/2"	6 x 6	-	-	1	5911000606	16	55	115	38	250
Nichelato - Nickel plated	1" x 1/2"	8 x 8	-	-	1	5911000608	16	55	115	38	326
Nichelato - Nickel plated	1" x 1/2"	10 x 10	-	-	1	5911000610	16	55	115	38	402



Art. 595010•

- Riduzione maschio-femmina in ottone con O-ring.
- Brass male-female reduction with O-ring.
- Réduction en laiton mâle-femelle avec O-ring.
- Reduzierschraubung Messing mit O-ring.
- Reducción macho/hembra en latón con O-ring.

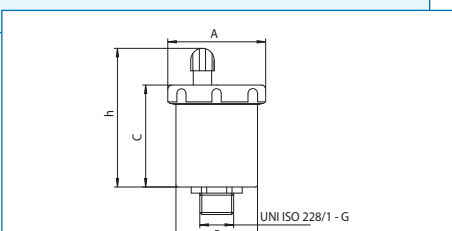
TRATTAMENTO TREATMENT	ØD x Ød	SAC.	BOX	MASTER BOX	CODICE CODE	CH	A
Nichelato - Nickel plated	3/4" x 3/8"	-	100	600	5950100503	25	33
Nichelato - Nickel plated	3/4" x 1/2"	-	100	600	5950100504	25	33
Nichelato - Nickel plated	1" x 3/8"	-	50	300	5950100603	30	39
Nichelato - Nickel plated	1" x 1/2"	-	50	300	5950100604	30	39
Nichelato - Nickel plated	1" x 3/4"	-	50	300	5950100605	30	39



Art. 595011•

- Tappo maschio in ottone con O-ring.
- Brass male cap with O-ring.
- Bouchon mâle en laiton avec O-ring.
- Endverschraubung mit O-ring.
- Tapón macho en latón con O-ring.

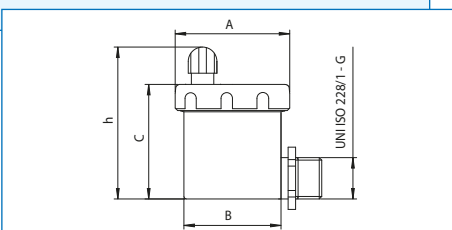
TRATTAMENTO TREATMENT	MISURA SIZE	SAC.	BOX	MASTER BOX	CODICE CODE	CH	A
Nichelato - Nickel plated	3/4"	-	100	600	59501105	25	33
Nichelato - Nickel plated	1"	-	50	300	59501106	30	39



Art. 595020•

- Valvola diritta di sfogo aria automatica.
- Straight automatic valve for air outlet.
- Purgeur d'air automatique droit.
- Automatisches Entlüftungsventil, gerade Ausführung.
- Válvula recta por descarga automática aire.

TRATTAMENTO TREATMENT	MISURA SIZE	SAC.	BOX	MASTER BOX	CODICE CODE	A	B	C	h
Nichelato - Nickel plated	3/8"	-	10	40	59502003	48	40	50	68
Nichelato - Nickel plated	1/2"	-	10	40	59502004	48	40	50	68



Art. 595021•

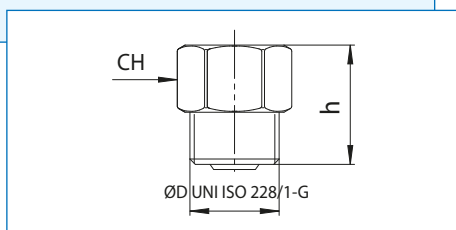
- Valvola ad angolo di sfogo aria automatica.
- Angle automatic valve for air outlet.
- Purgeur d'air automatique à angle.
- Automatisches Entlüftungsventil, Eckausführung.
- Válvula a ángulo por descarga automática aire.

TRATTAMENTO TREATMENT	MISURA SIZE	SAC.	BOX	MASTER BOX	CODICE CODE	A	B	C	h
Nichelato - Nickel plated	3/8"	-	10	40	59502103	46	39	46	61
Nichelato - Nickel plated	1/2"	-	10	40	59502104	46	39	46	61



Art. 595022•

- Valvola di blocco per sfogo aria con guarnizione di tenuta.
- Cut off cock self sealing.
- Robinet de bloc pour purge d'air avec joint d'étanchéité.
- Absperrventil selbstdichtend.
- Válvula de paro por descarga con asiento de hermeticidad.

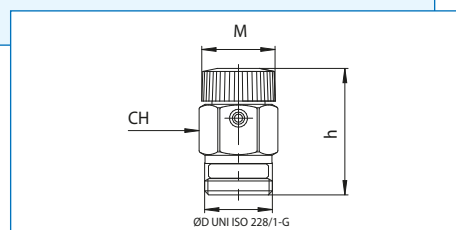


TRATTAMENTO TREATMENT	MISURA SIZE	SAC.	BOX	MASTER BOX	CODICE CODE	h	CH
Nichelato - Nickel plated	3/8"	-	50	200	59502203	21	19
Nichelato - Nickel plated	1/2"	-	50	200	59502204	21	23



Art. 595024•

- Valvola sfiato radiatori con autotenuta.
- Air valve purge for radiators with self sealing.
- Purgeur pour radiateur avec auto-étanchéité.
- Entlüftungsventil für Heizkörper selbstdichtend.
- Válvula de purga por radiadores con auto hermeticidad.

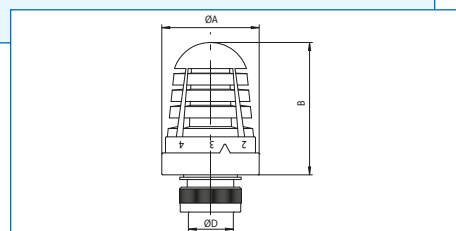


TRATTAMENTO TREATMENT	MISURA SIZE	SAC.	BOX	MASTER BOX	CODICE CODE	H	M	CH
Nichelato - Nickel plated	1/4"	-	50	200	59502402	30	18	13
Nichelato - Nickel plated	3/8"	-	50	200	59502403	30	18	17



Art. 595050•

- Testa termostatica a liquido sensibile.
- Thermostatic head with sensible liquid.
- Tête thermostatique à liquide.
- Thermostatkopf with sensible liquid.
- Cabeza termo estática a liquido sensible.

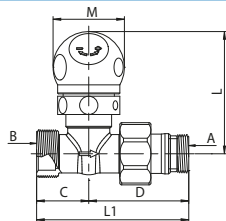


CONNESSIONE CONNECTION	MISURA SIZE	SAC.	BOX	MASTER BOX	CODICE CODE	ØA	B
M 30 x 1,5	tutte - all	-	20	40	59505000	51,5	70



Art. 599000.

- Valvola diritta termostattizzabile con attacco per tubi rame e multistrato.
- Straight valve with thermostatic option copper multilayer pipe connections.
- Robinet droit avec option thermostatique pour tuyaux cuivre et multicouche.
- Thermostatventil AG-AG.
- Válvula recta con opción termo estática por conexión con tubos cobre y multicapa.

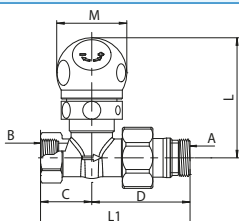


TRATTAMENTO TREATMENT	A	B	SAC.	BOX	MASTER BOX	CODICE CODE	C	D	L	L1	M
Nichelato - Nickel plated	3/8"	1/2" x 16	-	15	90	5990000403	30	50	68	80	39
Nichelato - Nickel plated	1/2"	1/2" x 16	-	15	90	5990000404	30	53	68	83	39



Art. 599005.

- Valvola diritta termostattizzabile con attacco per tubi ferro.
- Straight valve with thermostatic option iron pipe connections.
- Robinet droit avec option thermostatique pour tuyaux en fer.
- Thermostatventil AG-IG.
- Válvula recta con opción termo estática por conexión con tubos hierro.

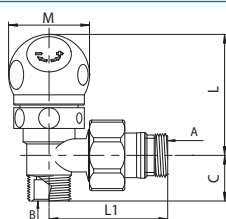


TRATTAMENTO TREATMENT	A x B	SAC.	BOX	MASTER BOX	CODICE CODE	C	D	L	L1	M
Nichelato - Nickel plated	3/8" x 3/8"	-	15	60	59900503	30	50	69	80	39
Nichelato - Nickel plated	1/2" x 1/2"	-	15	60	59900504	28	54	69	82	39
Nichelato - Nickel plated	3/4" x 3/4"	-	10	40	59900505	28	57	69	85	39



Art. 599100.

- Valvola ad angolo termostattizzabile con attacco per tubi rame e multistrato.
- Angle valve with thermostatic option copper multilayer pipe connections.
- Robinet à angle avec option thermostatique pour tuyaux cuivre et multicouche.
- Winkelthermostatventil AG-AG.
- Válvula a Angulo con opción termo estática por conexión tubos cobre y multicapa.

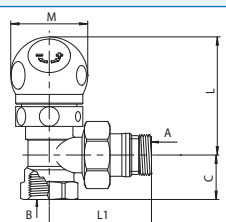


TRATTAMENTO TREATMENT	A	B	SAC.	BOX	MASTER BOX	CODICE CODE	C	L	L1	M
Nichelato - Nickel plated	3/8"	1/2" x 16	-	15	90	5991000403	20	49	65	39
Nichelato - Nickel plated	1/2"	1/2" x 16	-	15	60	5991000404	23	56	65	39



Art. 599105.

- Valvola ad angolo termostattizzabile con attacco per tubi ferro.
- Angle valve with thermostatic option iron pipe connections.
- Robinet à angle avec option thermostatique pour tuyaux en fer.
- Winkelthermostatventil AG-IG.
- Válvula a Angulo con opción termo estática por conexión tubos hierro.

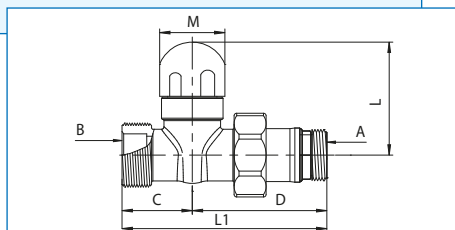


TRATTAMENTO TREATMENT	A x B	SAC.	BOX	MASTER BOX	CODICE CODE	C	L	L1	M
Nichelato - Nickel plated	3/8" x 3/8"	-	15	90	59910503	20	50	60	39
Nichelato - Nickel plated	1/2" x 1/2"	-	15	90	59910504	23	54	60	39
Nichelato - Nickel plated	3/4" x 3/4"	-	10	60	59910505	26	60	60	39



Art. 599200

- Detentore diritto con attacco per tubi rame e multistrato.
- Straight lockshield copper multilayer pipe connections.
- Corps droit pour tuyaux cuivre et multicouche.
- Heizkörperkugelhahn, Anschluss für Kupfer-und Verbundrohre.
- Portador recto por conexión tubos cobre y multicapa.

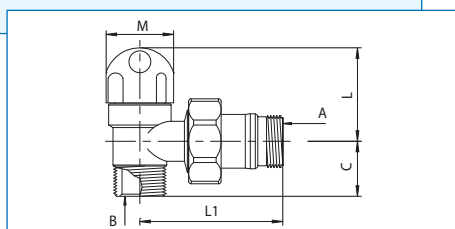


TRATTAMENTO TREATMENT	A	B	SAC.	BOX	MASTER BOX	CODICE CODE	C	D	L1	L	M
Nichelato - Nickel plated	3/8"	1/2" x 16	-	15	90	5992000403	30	50	80	45	27
Nichelato - Nickel plated	1/2"	1/2" x 16	-	15	90	5992000404	30	53	83	45	27

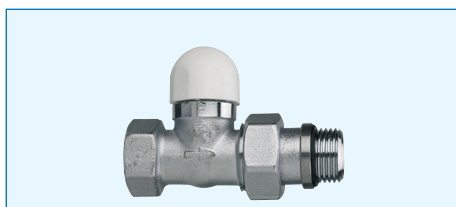


Art. 599205

- Detentore ad angolo con attacco per tubi rame e multistrato.
- Angle lockshield copper multilayer pipe connections.
- Corps equerre pour tuyax cuivre et multicouche.
- Winkelheizkörperhahn, Anschluss für Kupfer-und Verbundrohre.
- Portador a ángulo por conexión tubos cobre y multicapa.

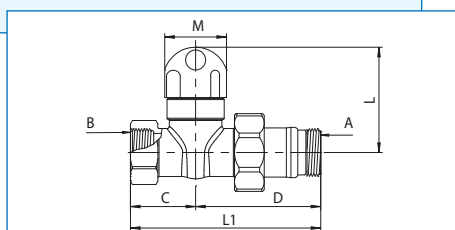


TRATTAMENTO TREATMENT	A	B	SAC.	BOX	MASTER BOX	CODICE CODE	C	L	L1	M
Nichelato - Nickel plated	3/8"	1/2" x 16	-	15	90	5992050403	20	41	49	27
Nichelato - Nickel plated	1/2"	1/2" x 16	-	15	90	5992050404	23	41	56	27

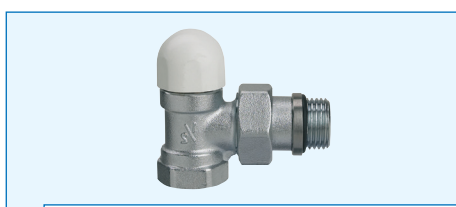


Art. 599300

- Detentore diritto con attacco per tubi ferro.
- Straight lockshield iron pipe connections.
- Corps droit pour tuyax fer.
- Heizkörperkugelhahn, Anschluss für Stahlrohre.
- Portador recto por conexión tubos hierro.

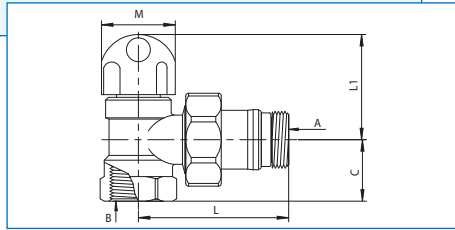


TRATTAMENTO TREATMENT	A x B	SAC.	BOX	MASTER BOX	CODICE CODE	C	D	L	L1	M
Nichelato - Nickel plated	3/8" x 3/8"	-	15	90	59930003	30	50	45	80	27
Nichelato - Nickel plated	1/2" x 1/2"	-	15	90	59930004	28	54	45	82	27
Nichelato - Nickel plated	3/4" x 3/4"	-	10	60	59930005	28	57	45	85	27



Art. 599305

- Detentore ad angolo con attacco per tubi ferro.
- Angle lockshield iron pipe connections.
- Corps equerre pour tuyax fer.
- Winkelheizkörperhahn, Anschluss für Stahlrohre.
- Portador a ángulo por conexión tubos hierro.



TRATTAMENTO TREATMENT	A x B	SAC.	BOX	MASTER BOX	CODICE CODE	C	D	L	L1	M
Nichelato - Nickel plated	3/8" x 3/8"	-	15	90	59930503	30	50	45	80	27
Nichelato - Nickel plated	1/2" x 1/2"	-	15	90	59930504	28	54	45	82	27
Nichelato - Nickel plated	3/4" x 3/4"	-	10	60	59930505	28	57	45	85	27



SISTEMA RACCORDI E TUBO MULTISTRATO PER GAS MULTILAYER PIPE AND FITTING SYSTEM FOR GAS SYSTEME DE RACCORDS ET TUBES MULTICOUCHE POUR GAS MEHRSCHICHTVERBUNDROHR UND FITTINGSYSTEM FÜR GAS SISTEMA CONEXIONES Y TUBO MULTICAPA POR GAS

ITALY ONLY

1. Presentazione

Il sistema di tubazioni multistrato e raccordi in ottone brevettati TURBO PRESS GAS offre la più ampia garanzia nelle installazioni gas ad uso domestico. Le caratteristiche del sistema lo rendono particolarmente semplice ed affidabile nella posa di nuovi impianti e molto pratico nel rifacimento di quelli esistenti. Fanno parte del sistema TURBO PRESS GAS anche valvole, collettori, sistemi di controllo e attrezzature per la posa, che rendono questo sistema unico sul mercato.

Tubi e raccordi vengono assemblati per mezzo di macchine elettroidrauliche dotate di ganasce con profilo TH, che imprimono una deformazione permanente alla bussola esterna, in acciaio inossidabile AISI 304 solubilizzato, garantendo un'unione inscindibile.

Il sistema TURBO PRESS GAS viene utilizzato negli impianti di adduzione di gas metano e gpl, con le seguenti condizioni di esercizio:

- Pressione 0,5 bar.
- Temperatura da -20°C a +70°C ("Gas della VI e VII specie, della I, II e III famiglia, per usi domestici e similari alimentati da rete di distribuzione, da bidoni e serbatoi fissi di GPL" come definito nel DM del 26 aprile 2008).

Il sistema proposto è stato studiato rispettando le norme **UNI 11344** "Sistemi di tubazioni multistrato metallo-plastici e raccordi per il trasporto di combustibili gassosi per impianti interni" e **UNI 7129-1:2015** "Impianti a gas per uso domestico e similare, alimentati da rete di distribuzione, progettazione, installazione e messa in servizio-parte 1: impianto interno".

Precisiamo inoltre che questo sistema non può essere utilizzato per gli impianti soggetti al DM del 12 aprile 1996.

Per maggiori dettagli, consultate lo specifico manuale tecnico.

1. Introduction

The patented "TURBO PRESS GAS", our multilayer pipe and fitting system, offers the most extensive guarantee for the house gas installations. The system makes very easy and reliable the laying of new installations and very practical in revising the existing ones. Parts of the TURBO PRESS GAS system are also valves, manifolds, control systems and equipment for the installation, which make the system unique in the market.

Pipes and fittings are assembled by means of electro-mechanical pressing tools with TH profile, that permanently deform the stainless steel AISI 304 bushing and ensuring the perfect union and seal of the two parts.

The system TURBO GAS is used in the adduction of:

- Gas CNG and GPL.
- Pressure rating 0,5 bar.
- Temperature range from -20°C up to +70°C (Gas of VI and VII species, of I, II and III family, for house use and similar, powered by distribution networks, bins and stationary GPL tanks).

The proposed system has been designed in compliance with the standard **UNI 11344** "Multilayer systems pipes and fittings for the transport of gaseous fuels for buildings" and standard **UNI 7129-1:2015** "gas plants for domestic and similar usage supplied by network design installation and commissioning-part1: internal plant".

We also specify that this system can not be used for installations subject to Ministerial Decree of April 12, 1996.

For more details, consult the specific technical manual.

1. Présentation

Le système breveté de tubes multicouche et raccords en laiton TURBO PRESS GAS, offre la plus grande garantie pour les installations gaz à usage domestique. Le système est très simple et fiable dans la construction de nouvelles installations et très pratique dans la révision de celles qui existent déjà. Ils font partie du système TURBO PRESS GAS les vannes, les collecteurs, les systèmes de contrôle e l'équipement pour l'installation, qui le rend unique sur le marché.

Nos tuyaux et nos raccords sont assemblés au moyen de machines électrohydrauliques équipées avec des mâchoires à profil TH.

Dans cette manière on imprime une déformation permanente à la bague extérieure en acier inox AISI 304 et on assure un assemblage indissoluble.

Le système "TURBO GAS" est utilisé dans les réseaux d'adduction de:

- Gaz GNV et GPL.
- Pressure 0,5 bar.
- Température de -20°C à +70°C (gaz de l'espèce VI et VII, et de famille I, II et III, pour usage domestique et similaires et alimentées tant que par réseaux de distribution que par bacs ou réservoirs fixes de GPL).

Le système proposé a été conçu en conformité avec l' **UNI 11344** e (Systèmes tuyaux multicouche en plastique-métal et des raccords véhiculant des combustibles gazeux pour les installations intérieures) et l' **UNI 7129-1:2015** "Installation pour usage domestique, approvisionnée par une réseau de distribution. Proget, installation, et mise en marche-Part 1: installation intérieure.

Nous précisons aussi que ce système ne peut pas être utilisé pour les installations soumises au DM du 12 avril 1996. Pour plus de renseignements, n'hésitez à consulter le manuel technique spécifique.

1. Vorstellung

Das patentierte TURBO PRESS GAS System, unser Mehrschichtverbundrohr und Fittingsystem, bietet höchstmögliche Sicherheit für Gas Installationen im Hausbau. Durch dieses System ist eine sehr einfache und zuverlässige Verlegung von neuen Installationen ebenso möglich wie die praktikable Überholung von bereits bestehenden. Das TURBO PRESS GAS System wird ergänzt durch eine breite Palette an Kugelhähnen, Verteilern, Kontrollsystemen und Installationszubehör. Unser System wird damit zu einem einzigartigen System auf dem Markt.

Rohre und Fittinge werden mittels eines elektromechanischen Presswerkzeug mit TH Pressbacke verbunden. Es wird eine dauerhafte Verformung der Edelhülse (AISI304 gegläht) hergestellt, wodurch eine unlösbare Verbindung erfolgt.

Das "TURBO PRESS GAS" System findet Verwendung bei:

- CNG und LPG Gasen.
- Druck bis 0,5 bar.
- Temperaturbereich von -20°C bis +70°C (Gase der Klassen VI und VII, der Familien I, II und III für Anwendungen in Haushalten und, ähnlich zu den Gasen der Verteilernetzwerke, in Gebinden und stationären LPG Tanks).

Das vorgestellte System wurde in Übereinstimmung mit den Normen **UNI 11344** "Mehrschichtverbundrohrsysteme bestehend aus Rohr und Fittings für die Anwendung gasförmiger Versorgung in Gebäuden" und **UNI 7129-1:2015** "Gassysteme für häusliche und ähnliche Zwecke geleitet durch ein Netzwerk. Projekt, Montage und Betriebsannahme Parte 1 Innensystem".

Wir weisen darauf hin das dieses System nicht für Anlagen nach dem DM vom 12 April 1996 geeignet sind.

Für weitere Details konsultieren Sie bitte das spezifische technische Handbuch.

1. Presentación

El sistema de tubería multicapa y conexiones en latón patentadas TURBO PRESS GAS ofrece la más amplia garantía por instalaciones gas de uso domestico, Las características del sistema lo rinden particularmente simple y fiable en la realización de nuevas instalaciones y muy practico cuando se cambian las existentes. Pertenecen al sistema TURBO PRESS GAS también válvulas, colectores, artículos por el control y piezas para la realización de la instalacion. Así el sistema resulta único considerando las varias ofertas que existen en el mercado.

Tubos y racores se ensamblan por medio de máquinas electrohidráulicas equipadas con grapas de perfil TH, que provocan una deformación permanente del manguito externo en acero inoxidable AISI 304 solubilizado, garantizando una unión irrevocable.

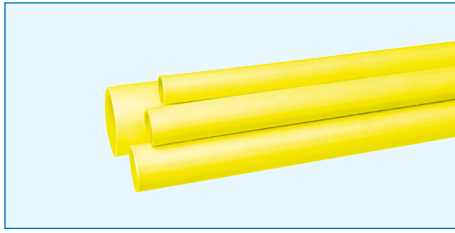
El sistema TURBO PRESS GAS es utilizado en instalaciones de aducción de:

- Gas metano y GPL.
- Presión a 0.5 bar.
- Temperatura de -20° C hasta +70° C (gases de la VI y VII especies, de la primera y segunda familia, por usos domésticos o similares alimentados desde red de distribución, desde bidones y tanques fijos de GPL).






El sistema propuesto ha sido estudiado respectando las normas **UNI 11344**-"sistemas de tubería multicapa metal plásticos y conexiones por el transporte de combustibles gaseosos por instalaciones internas" y **UNI 7129-1:2015** "Aparatos de gas para uso doméstico, alimentados por la red de distribución. Diseño, instalación y puesta en marcha parte 1 sistema interno".

También señalamos que este sistema no puede ser utilizado para las instalaciones objeto del DM de 12 de abril de 1996. Para más detalles, consultar el manual técnico específico.










Art. 53T000.

-  Tubo multistrato PE-Xc per gas in barre.
-  PE-Xc multilayer pipe for gas in bars.
-  Tuyau multicouche PE-Xc pour gaz en barre.
-  PE-Xc Merschichtverbundrohr für Gas.
-  Tubo multicapa PE-Xc por gas en barras.

MISURA SIZE	SP	m/BARRA m/BAR	m/FASCIO m/BUNCH	CODICE CODE
16 x 2,0	0,4	5	100	53T00016
20 x 2,0	0,4	5	65	53T00020
26 x 3,0	0,6	5	35	53T00026
32 x 3,0	0,8	5	25	53T00032








Art. 53T100.

-  Tubo multistrato PE-Xc in rotoli per gas.
-  PE-Xc multilayer pipe for gas in rolls.
-  Tuyau multicouche PE-Xc pour gaz en rouleau.
-  PE-Xc Merschichtverbundrohr für Gas, Rolle.
-  Tubo multicapa PE-Xc por gas en rollos.

MISURA SIZE	SP	m/ROTOLO m/ROLL	m/PALLET	CODICE CODE
16 x 2,0	0,4	50	800	53T1001650
20 x 2,0	0,4	50	800	53T1002050
26 x 3,0	0,6	50	600	53T1002650
32 x 3,0	0,8	50	200	53T1003250



Art. 53T400.

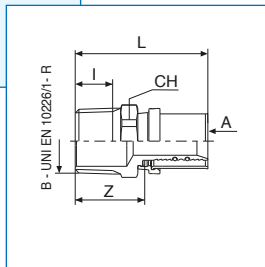
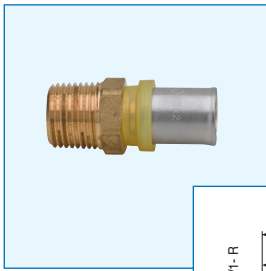
-  Tubo multistrato PE-Xc in rotoli inguainato per gas.
-  Rolls of sheathed PE-Xc multilayer pipe for gas.
-  Tuyau multicouche PE-Xc pour gaz en rouleau avec enveloppe protectrice.
-  PE-Xc Merschichtverbundrohr mit Ummantelung für Gas, Rollen.
-  Tubo multicapa PE-Xc en rollos, pre aislado por gas.

MISURA SIZE	SP	m/ROTOLO m/ROLL	m/PALLET	CODICE CODE
16 x 2,0	0,4	50	600	53T4001650
20 x 2,0	0,4	50	600	53T4002050
26 x 3,0	0,6	50	600	53T4002650
32 x 3,0	0,8	50	200	53T4003250

Art. 530000

- Raccordo diritto maschio per gas.
- Straight male fitting for gas.
- Raccord droit mâle pour gaz.
- Übergangsstück AG für Gas.
- Conexión recta macho por gas.

**BREVETTATO
PATENTED**

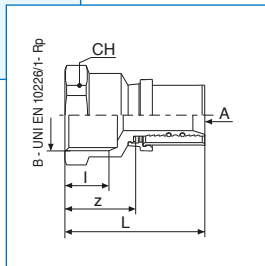
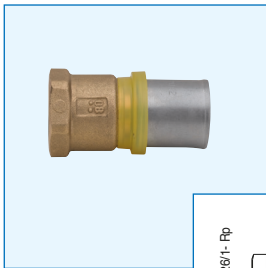


A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	L	Z
16 x 1/2"	2	5	30	240	5300001604	15	22	52,5	27
20 x 1/2"	2	5	30	240	5300002004	15	22	52,5	27
20 x 3/4"	2	5	20	160	5300002005	16,3	27	54	28,5
26 x 3/4"	3	5	15	120	5300002605	16,3	27	59,5	28,5
26 x 1"	3	5	15	120	5300002606	19,1	34	64,5	32,5
32 x 1"	3	5	10	80	5300003206	19,1	34	66	32,5

Art. 530100

- Raccordo diritto femmina per gas.
- Straight female fitting for gas.
- Raccord droit femelle pour gaz.
- Anschlusspressverschraubung IG für Gas.
- Conexión recta hembra por gas.

**BREVETTATO
PATENTED**

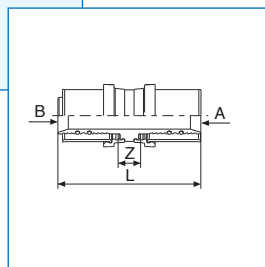
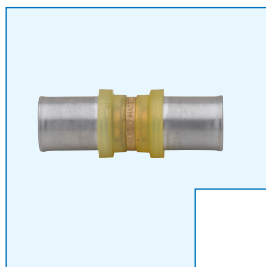


A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	L	Z
16 x 1/2"	2	5	25	200	5301001604	15	26	50,5	25
20 x 1/2"	2	5	25	200	5301002004	15	26	50,5	25
20 x 3/4"	2	5	20	160	5301002005	16,3	31	52	26,5
26 x 3/4"	3	5	15	120	5301002605	16,3	31	57,5	26,5
26 x 1"	3	5	15	120	5301002606	19,1	38	61	30
32 x 1"	3	5	10	80	5301003206	19,1	38	62,5	30

Art. 530200

- Raccordo diritto doppio per gas.
- Straight double fitting for gas.
- Double raccord droit pour gaz.
- Kupplung für Gas.
- Conexión recta doble por gas.

**BREVETTATO
PATENTED**

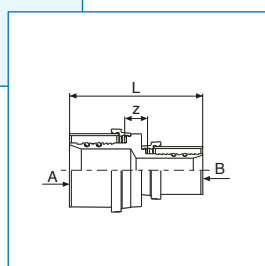
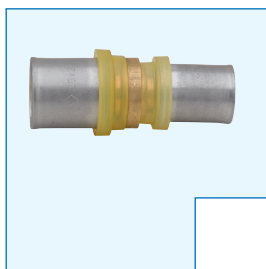


A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	Z
16 x 16	2	5	30	240	53020016	60	9
20 x 20	2	5	20	160	53020020	61	10
26 x 26	3	5	15	120	53020026	73	11
32 x 32	3	5	10	80	53020032	76	11

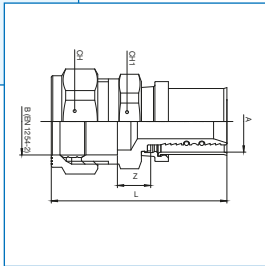
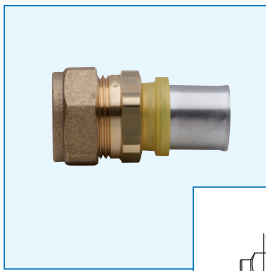
Art. 530300

- Raccordo diritto doppio ridotto per gas.
- Straight reduced double fitting for gas.
- Double raccord droit réduit pour gaz.
- Reduzierungskupplung für Gas.
- Conexión recta doble y reducida por gas.

**BREVETTATO
PATENTED**



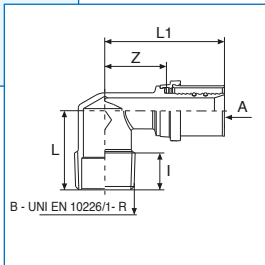
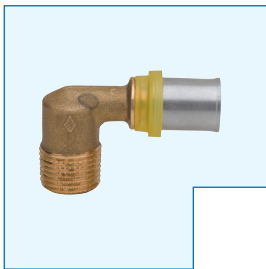
A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	Z
20 x 16	2	5	30	240	5303002016	61	10
26 x 16	3-2	5	20	160	5303002616	67,5	11
26 x 20	3-2	5	20	160	5303002620	67,5	11
32 x 20	3-2	5	15	120	5303003220	69	11
32 x 26	3	5	15	120	5303003226	74,5	11



Art. 530700

- Raccordo di transizione rame /multistrato per gas. **BREVETTATO PATENTED**
- Connection fitting copper/multilayer for gas.
- Raccord de connexion cuivre/multicouche pour gaz.
- Übergangsfitting Mehrschichtverbundrohr/Kupfer für Gas.
- Conexión de transición cobre/multicapa por gas.

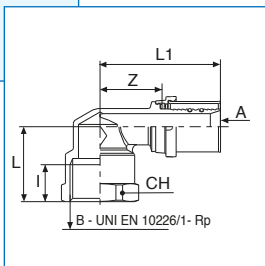
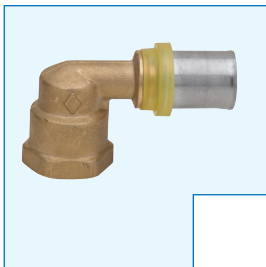
A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	CH1	L	Z
16 x 22	2	5	25	200	5307001622	32	29	58,5	11
20 x 22	2	5	20	160	5307002022	32	29	58,5	11



Art. 531000

- Raccordo curvo maschio per gas. **BREVETTATO PATENTED**
- Elbow male for gas.
- Raccord coude mâle pour gaz.
- Übergangswinkel AG für Gas.
- Conexión curva macho por gas.

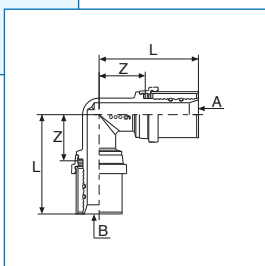
A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	Z
16 x 1/2"	2	5	25	200	5310001604	15	30	50	24,5
20 x 1/2"	2	5	20	160	5310002004	15	30	50	24,5
20 x 3/4"	2	5	15	120	5310002005	16,3	35	53	27,5
26 x 3/4"	3	5	10	80	5310002605	16,3	35	57,5	26,5
26 x 1"	3	5	10	80	5310002606	19,1	40	63,5	32,5
32 x 1"	3	5	10	80	5310003206	19,1	40	65	32,5



Art. 531100

- Raccordo curvo femmina per gas. **BREVETTATO PATENTED**
- Elbow female for gas.
- Raccord coude femelle pour gaz.
- Übergangswinkel IG für Gas.
- Conexión curva hembra por gas.

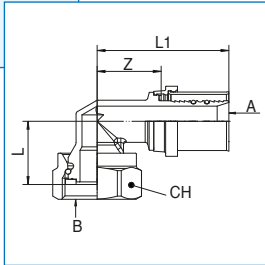
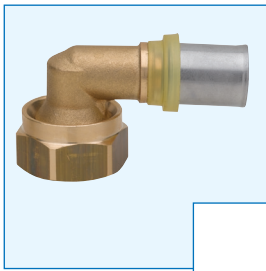
A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	L	L1	Z
16 x 1/2"	2	5	20	160	5311001604	15	26	28,5	50	24,5
20 x 1/2"	2	5	20	160	5311002004	15	26	28,5	50	24,5
20 x 3/4"	2	5	15	120	5311002005	16,3	31	33	53	27,5
26 x 3/4"	3	5	10	80	5311002605	16,3	31	38,5	57,5	26,5
26 x 1"	3	5	10	80	5311002606	19,1	38	45	63,5	32,5
32 x 1"	3	2	6	48	5310003206	19,1	38	45	65	32,5



Art. 531200

- Raccordo curvo doppio per gas. **BREVETTATO PATENTED**
- Elbow double for gas.
- Double raccord coude pour gaz.
- Winkelkupplung 90° für Gas.
- Conexión curva doble por gas.

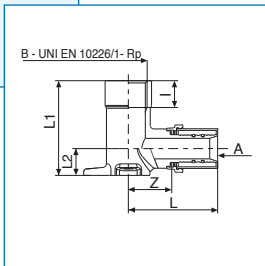
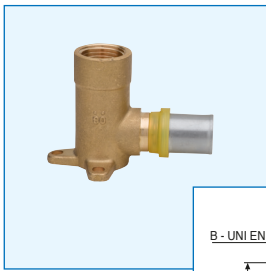
A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	Z
16 x 16	2	5	30	240	53120016	44	18,5
20 x 20	2	5	15	120	53120020	48	22,5
26 x 26	3	5	10	80	53120026	57,5	26,5
32 x 32	3	5	5	40	53120032	62	29,5



Art. 531700

- Raccordo curvo 2 pezzi sede piana per gas. **BREVETTATO PATENTED**
- Elbow, 2-piece, with flat seat for gas.
- Raccord coude 2 pièces siège plane pour gaz.
- 2-teilige Winkelkupplung, mit Flachdichtung für Gas.
- Conexión curva en 2 piezas con asiento plano por gas.

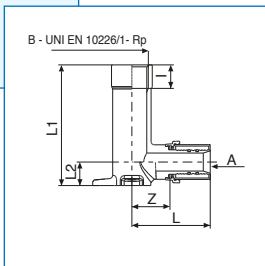
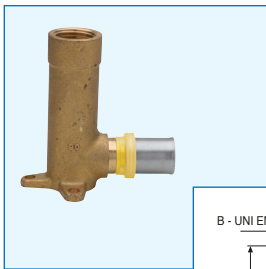
A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	L1	Z
16 X 3/4"	2	5	15	120	5317001605	30	24	37,5	50
20 X 3/4"	2	5	15	120	5317002005	30	24	37,5	50



Art. 532000

- Raccordo curvo femmina con flangia per gas. **BREVETTATO PATENTED**
- Wallplate elbow female for gas.
- Applique murale à sertir, femelle pour gaz.
- Wandwinkel kurz für Gas.
- Conexión curva hembra con brida por gas.

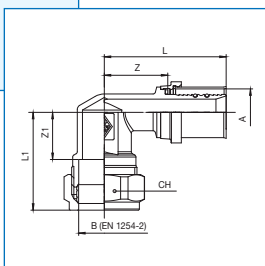
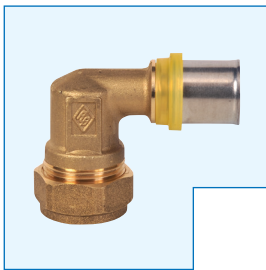
A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	L2	Z
16 x 1/2"	2	5	10	80	5320001604	15	50	53	15	24,5
20 x 1/2"	2	5	10	80	5320002004	15	50	53	15	24,5



Art. 532100

- Raccordo curvo femmina con flangia, collo lungo per gas. **BREVETTATO PATENTED**
- Wallplat elbow female, high model for gas.
- Applique murale à sertir, femelle pour gaz.
- Wandwinkel kurz für Gas.
- Conexión curva hembra con brida por gas.

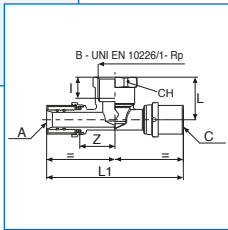
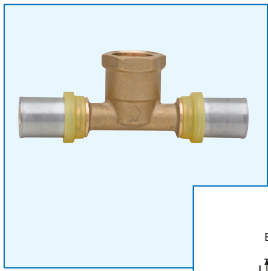
A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	L	L1	L2	Z
16 x 1/2"	2	5	5	40	5321001604	15	50	77	15	24,5
20 x 1/2"	2	5	5	40	5321002004	15	50	77	15	24,5



Art. 532500

- Raccordo curvo di transizione rame/multistrato per gas. **BREVETTATO PATENTED**
- Connection elbow copper/multilayer for gas.
- Raccord coude de conesion cuivre/multicouche pour gaz.
- Übergangsbogen Mehrschichtverbund/Kupfer für Gas.
- Conexión curva de transición cobre/multicapa por gas.

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	L1	Z	Z1
16 x 22	2	5	15	120	5325001622	32	53	42,5	27,5	20,5
20 x 22	2	5	15	120	5325002022	32	53	42,5	27,5	20,5
26 x 22	3	5	10	80	5325002622	32	57,5	40	26,5	18
26 x 28	3	5	10	80	5325002628	38,5	63,5	44	32,5	21
32 x 28	3	2	6	48	5325003228	38,5	65	44,5	32,5	21,5

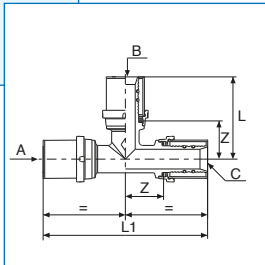
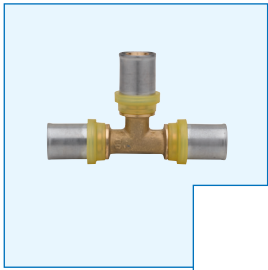


Art. 533100

- Raccordo a "T" femmina per gas.
- "TEE" female for gas.
- Té femelle à sertir pour gaz.
- Übergangs T-Stück IG für Gas.
- Conexión a T hembra por gas.

**BREVETTATO
PATENTED**

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	I	CH	L	L1	Z
16 x 1/2" x 16	2	5	15	120	533100160416	15	26	28,5	100	24,5
20 x 1/2" x 20	2	5	10	80	533100200420	15	26	28,5	100	24,5
20 x 3/4" x 20	2	5	10	80	533100200520	16,3	31	33	106	27,5
26 x 3/4" x 26	3	2	6	48	533100260526	16,3	31	38,5	115	26,5
26 x 1" x 26	3	2	4	32	533100260626	19,1	38	45	127	32,5
32 x 1" x 32	3	2	4	32	533100320632	19,1	38	45	130	32,5

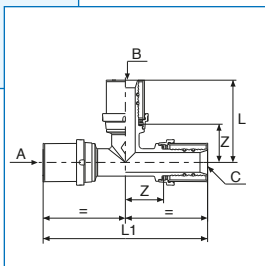
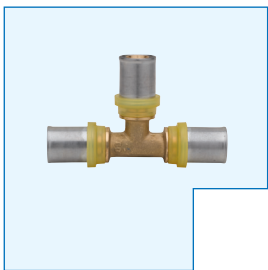


Art. 533200

- Raccordo a "T" per gas.
- "TEE" for gas.
- Té à sertir pour gaz.
- T-Stück für Gas.
- Conexión a T modelo TEE por gas.

**BREVETTATO
PATENTED**

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	L1	Z
16 x 16 x 16	2	5	15	120	53320016	44	88	18,5
20 x 20 x 20	2	5	10	80	53320020	48	96	22,5
26 x 26 x 26	3	2	6	48	53320026	57,5	115	26,5
32 x 32 x 32	3	2	4	32	53320032	62	124	29,5



Art. 533300

- Raccordo a "T" ridotto centrale per gas.
- "TEE" reduced in center position for gas.
- Té réduit centrale pour gaz.
- T-Stück mittlerer Ausgang reduziert für Gas.
- Conexión a T reducida central por gas.

**BREVETTATO
PATENTED**

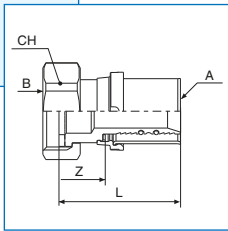
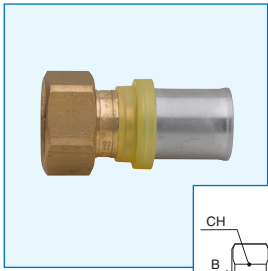
A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	L1	Z1	Z2	Z3
20 x 16 x 20	2	5	10	80	533300201620	48	96	22,5	22,5	22,5
26 x 16 x 26	3-2-3	5	10	80	533300261626	52	115	26,5	26,5	26,5
26 x 20 x 26	3-2-3	5	6	48	533300262026	52	115	26,5	26,5	26,5
32 x 20 x 32	3-2-3	2	4	32	533300322032	55	124	29,5	29,5	29,5
32 x 26 x 32	3	2	4	32	533300322632	60,5	124	29,5	29,5	29,5

Art. 533600

**BREVETTATO
PATENTED**

- Raccordo a "T" allargato centrale per gas.
- "TEE" widening in center position for gas.
- Té élargie centrale pour gaz.
- T-Stück mittlerer Ausgang vergrößert für Gas.
- Conexión T anchada central por gas.

A x B x C	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	L1	Z1	Z2	Z3
16 x 20 x 16	2	5	10	80	533600162016	48	96	22,5	22,5	22,5
20 x 26 x 20	2-3-2	5	10	80	533600202620	57,5	104	26,5	26,5	26,5
26 x 32 x 26	3	2	4	32	533600263226	62	121	29,5	29,5	29,5

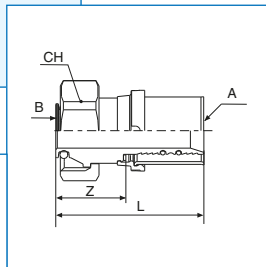
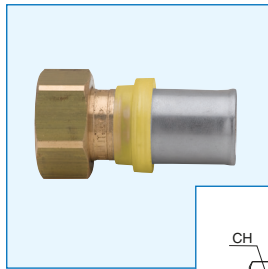


Art. 535000

- Raccordo diritto 2 pezzi sede piana per gas.
- 2 pieces straight fitting flat seals for gas.
- Raccord droit à sertir, deux pièces, siège plane pour gaz.
- Anschlusspressverschraubung mit Flachdichtung für Gas.
- Conexión recta 2 piezas sede plana por gas.

**BREVETTATO
PATENTED**

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	Z
16 x 3/4"	2	5	20	160	5350001605	30	37	11,3
16 x 1"	2	5	20	160	5350001606	30	41	15,3
20 x 3/4"	2	5	20	160	5350002005	37	39	13,3
20 x 1"	2	5	15	120	5350002006	37	39	13,3
26 x 1"	3	5	15	120	5350002606	37	25	21,05

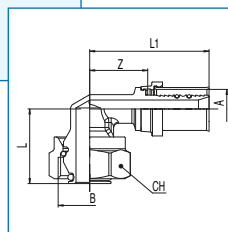
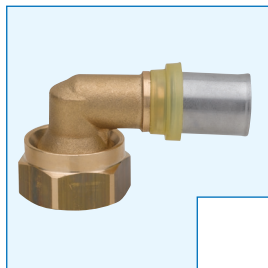
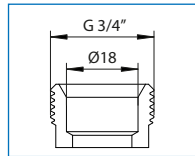


Art. 535100

- Raccordo diritto 2 pezzi sede eurocono 3/4" per gas.
- 2 pieces straight fitting euroconus 3/4" for gas.
- Raccord droit à sertir, deux pièces, siège euroconique "3/4" pour gaz.
- Anschlusspressverschraubung Eurokonus 3/4" für Gas
- Conexión recta 2 piezas sedeeurocono 3/4" por gas.

**BREVETTATO
PATENTED**

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	Z
16 x 3/4"	2	2	20	160	5351001605	30	46,3	20,8
20 x 3/4"	2	2	20	160	5351002005	30	48,8	23,3
26 x 3/4"	3	2	20	160	5351002605	30	55,6	24,4

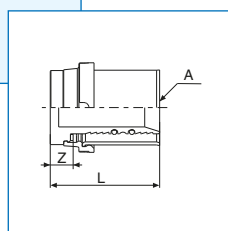
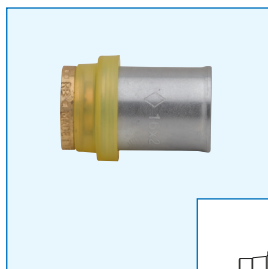


Art. 535800

- Raccordo curvo 2 pezzi sede eurocono 3/4" per gas.
- Ellbow, 2-piece, with flat seat euroconus 3/4" for gas.
- Raccord coude 2 pièces siège euroconique "3/4" pour gaz.
- 2-teilige Winkelkupplung, mit Eurokonus 3/4" für Gas.
- Conexión curva en 2 piezas sede eurocono 3/4" por gas.

**BREVETTATO
PATENTED**

A x B	SP	SAC.	BOX	MASTER BOX	CODICE CODE	CH	L	L1	Z
16 x 3/4"	2	2	20	160	5358001605	30	31	50	24,5
20 x 3/4"	2	2	10	80	5358002005	30	31	50	24,5



Art. 535300

- Tappo per gas.
- Cap for gas.
- Bouchon pour gaz.
- Pressstopfen für Gas.
- Tapón por gas.

**BREVETTATO
PATENTED**

A	SP	SAC.	BOX	MASTER BOX	CODICE CODE	L	Z
16	2	10	60	480	53530016	31,5	6
20	2	10	50	400	53530020	32,5	7
26	3	5	25	200	53530026	39	8
32	3	5	20	160	53530032	40,5	8

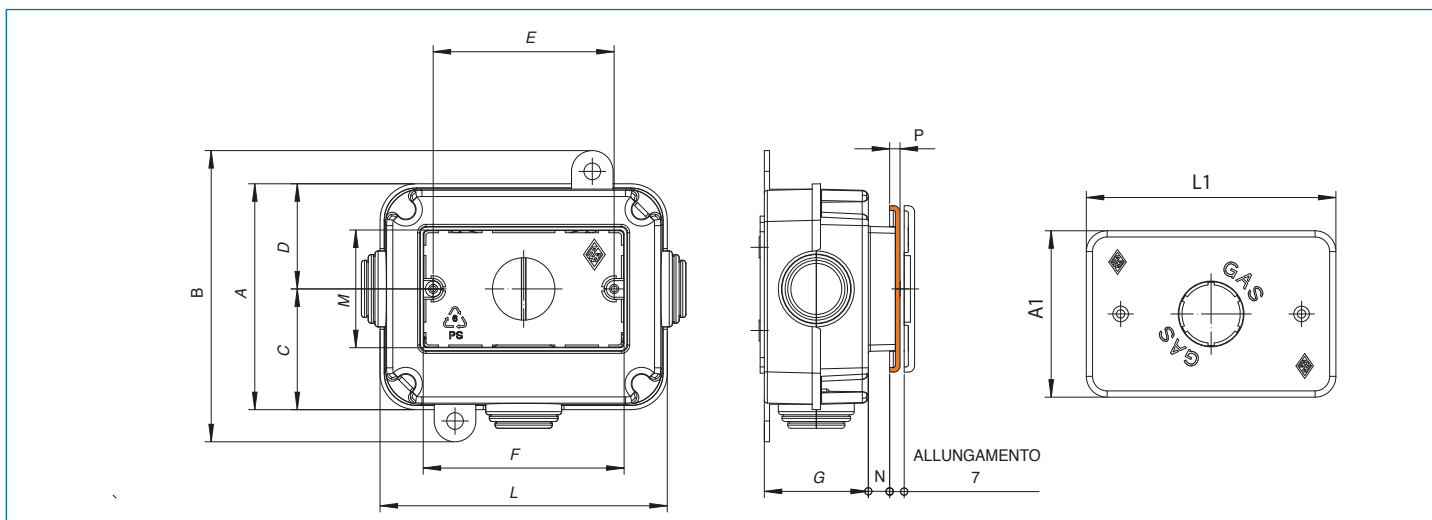


Art. 53RI00

- Cassetta da incasso per raccordi.
- Built-in box for fittings.
- Boîte à encastrer pour raccord.
- Einbauschachtel für Kugelhähne.
- Caja a embutir por racores.

**BREVETTATO
PATENTED**

MISURA SIZE	BOX	MASTER BOX	CODICE CODE	A	A1	B	C	D	E	F	L	L1	G	N	P
cm 12 X 8	2	8	53RI0000	108,5	80	140	58	50,5	87	96,5	138	120	50	10	5








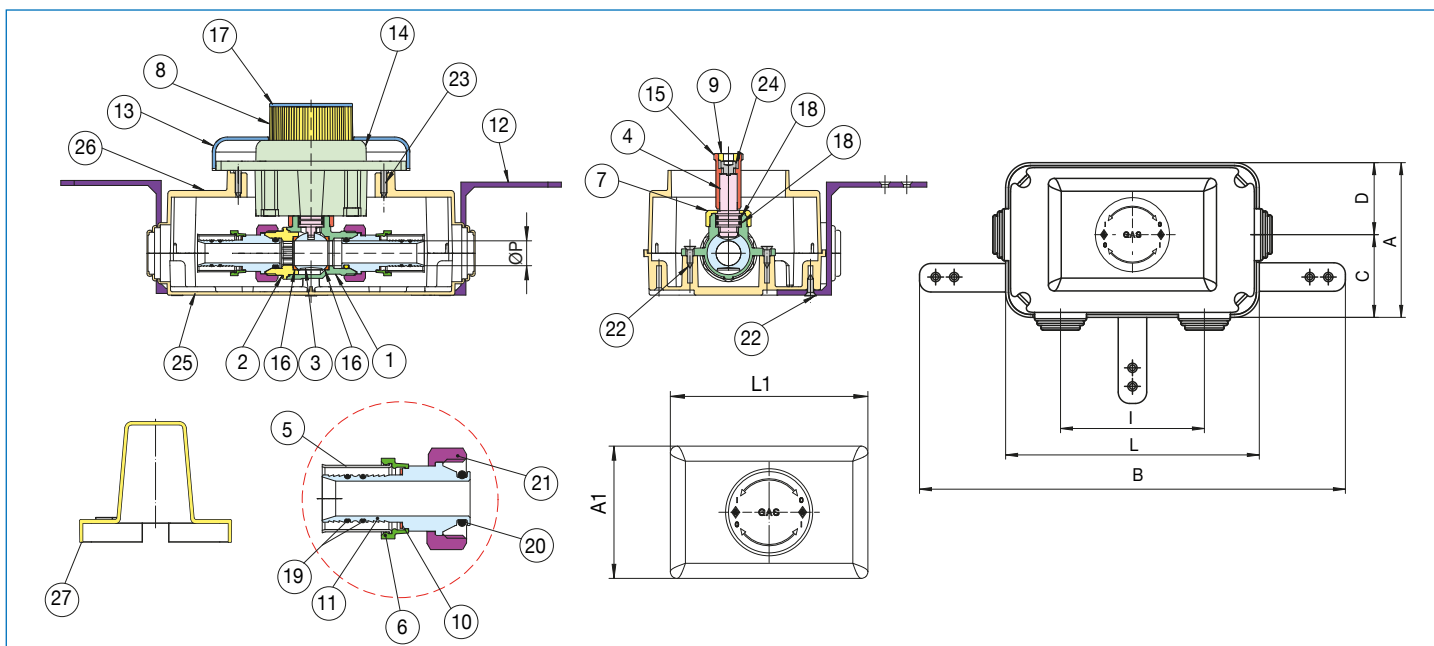
serie **FIDO-CASA**

Art. **9371**

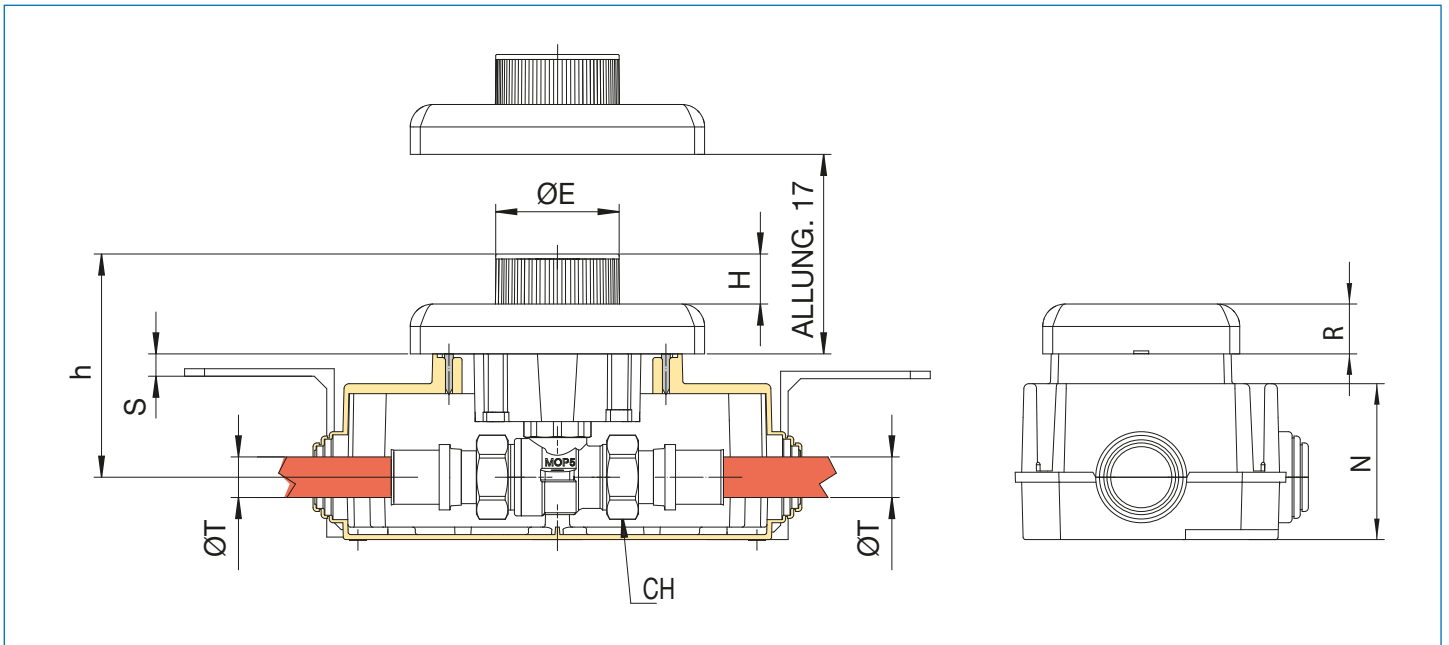
**BREVETTATO
PATENTED**






-  Valvola a sfera gas con scatola ispezionabile da incasso a norma UNI 7129, attacchi TURBO PRESS GAS dritti, organo di comando premi e gira a scomparsa.
-  Built-in full bore ball valve for gas, TURBO PRESS GAS straight connections and inspection box acc. to UNI 7129 specifications, with "push and turn" control knob.
-  Robinet à boisseau a sphérique pour gaz pour boîte d'inspection à encastrer selon norme UNI 7129, connexion gas droite TURBO PRESS GAS, avec commande de contrôle encastré "presse et tourne".
-  Unterflurkugelhahn für Gas, TURBO PRESS GAS gerade Anschluss und Inspektionsschachtel nach UNI 7129 Norm, mit "pressen und drehen" Bedienknopf.
-  Válvula esfera por gas con caja inspeccionable a embutir según norma UNI 7129, conexión TURBO PRESS GAS, con pernilla de control "pulsar y girar".



POS.	DENOMINAZIONE	PART NAME	DESCRIPTION	TEILBENENNUNG	DENOMINACION	MATERIALE-MATERIALS MATERIAUX-WERKSTOFF- MATERIAL	N°P
1	CORPO	BODY	CORPS	GEHÄUSE	CUERPO	OTTONE CW617N UNI EN 12165	1
2	MANICOTTO	END CONNECTION	MANCHON	MUFFE	MANGUITO	OTTONE CW614N UNI EN 12164	1
3	SFERA	BALL	BILLE	KUGEL	ESFERA	OTTONE CW617N UNI EN 12165	1
4	ASTA	STEM	TIGE	SPINDEL	EJE	OTTONE CW614N UNI EN 12164	1
5	BUSSOLA	BUSH	BAGUE	BUCHSE	ANILLO	ACCIAIO AISI 304	2
6	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	PP	2
7	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	OTTONE CW614N UNI EN 12164	1
8	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	ABS	1
9	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	OTTONE CW614N UNI EN 12164	1
10	GUARNIZIONE PIANA	FLAT SEAT	JOINT PLAT	FLACHE DICHTUNG	ASIENTO PLANA	PE	2
11	RACCORDO	FITTING	RACCORD	VERBINDUNGSTÜCK	CONEXIÓN	OTTONE CW617N PTL	2
12	ZANCA	SUPPORT	SUPPORT	LAGER	SOPORTE	POM	3
13	PIASTRA	PLATE	PLAQUE	PLATTE	PLATE	ABS	1
14	MECCANISMO DI MANOVRA	OPERATING MECHANISM	MECANISME DE MANOEUVRE	BEDIENUNGSSYSTEM	MECANISMO DE MANIOBRA	POM	1
15	PROLUNGA	EXTENSION	VERLÄNGERUNG	ALLONGE	EXTENSIÓN	OTTONE CW614N UNI EN 12164	1
16	GUARNIZIONE SFERA	BALL SEAT	JOINT DE TENUE BILLE	KUGERDICHTUNG	JUNTA ESFERA	P.T.F.E	2
17	TAPPO	CAP	BOUCHON	KAPPE	TAPÓN	ABS	1
18	O-RING	O-RING	O-RING	O-RING	O-RING	NBR	2
19	O-RING	O-RING	O-RING	O-RING	O-RING	HNBR	4
20	O-RING	O-RING	O-RING	O-RING	O-RING	HNBR	2
21	DADO	NUT	ECROU	MUTTER	TUERCA	OTTONE CW617N UNI EN 12165	2
22	VITE	SCREW	VIS	SCHRAUBE	TORNILLO	ACCIAIO	5
23	VITE	SCREW	VIS	SCHRAUBE	TORNILLO	ACCIAIO	2
24	VITE	SCREW	VIS	SCHRAUBE	TORNILLO	OTTONE CW614N UNI EN 20898	1
25	SCATOLA ISPEZIONABILE	INSPECTION BOX	BOLTE D'INSPECTION	INSPEKTIONSSCHACHTEL	CAJA INSPECCIONABLE	HIPS	1
26	SCATOLA ISPEZIONABILE	INSPECTION BOX	BOLTE D'INSPECTION	INSPEKTIONSSCHACHTEL	CAJA INSPECCIONABLE	HIPS	1
27	CARTER	COVER	CARTER	ABDECKUNG	CHARTER	HIPS	1








	MATERIALE MATERIALS	MISURA SIZE	DN	BOX	MASTER BOX	CODICE CODE	ØT	ØP	A	A1	B	C	D	ØE	h	H	I	CH	L	L1	N	R	S	Kg
	PLASTICA CROMATA	16	15	1	4	9371160000	16																	0,44
	CROMATA PLASTIC	20	15			9371200000	20	15	109	80	299	58	51	50	90	20	101	30	178	120	62,5	20	9	0,46
		26	15			9371260000	26																	
	PLASTICA NERA	16	15	1	4	9371160001	16																	0,44
	BLACK PLASTIC	20	15			9371200001	20	15	109	80	299	58	51	50	90	20	101	30	178	120	62,5	20	9	0,46
		26	15			9371260001	26																	
	PLASTICA BIANCA	16	15	1	4	9371160002	16																	0,44
	WHITE PLASTIC	20	15			9371200002	20	15	109	80	299	58	51	50	90	20	101	30	178	120	62,5	20	9	0,46
		26	15			9371260002	26																	

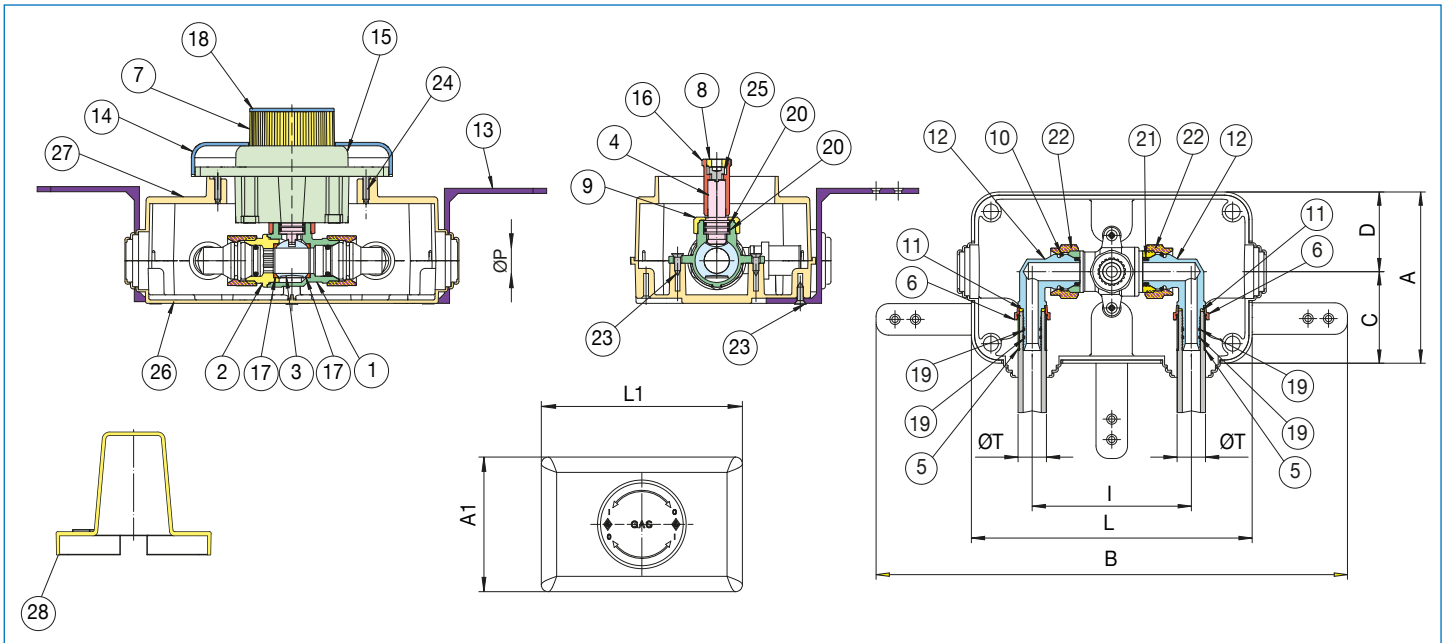
serie **FIDO-CASA**

Art. **9372**

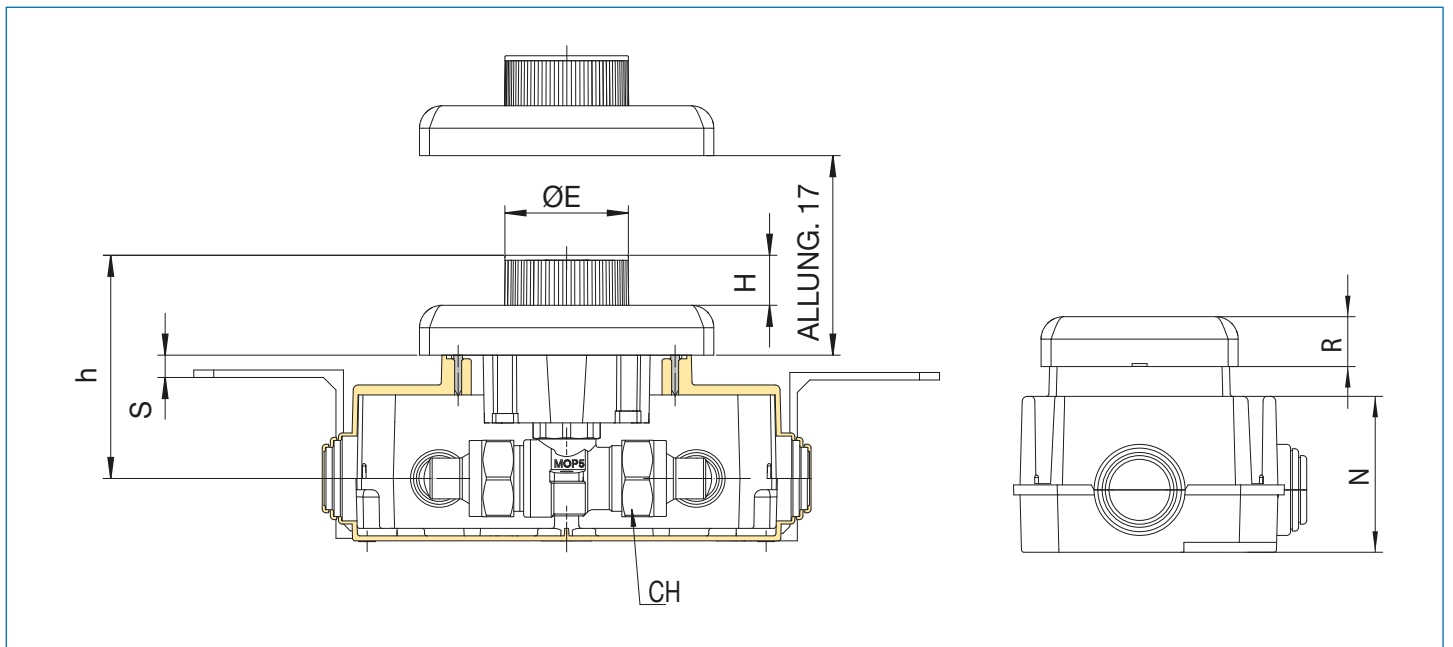
**BREVETTATO
PATENTED**






-  Valvola a sfera gas con scatola ispezionabile da incasso a norma UNI 7129, attacchi TURBO PRESS GAS a squadra organo di comando premi e gira a scomparsa.
-  Built-in full bore ball valve for gas, TURBO PRESS GAS connections and inspection box acc. to UNI 7129 specifications, with "push and turn" control knob.
-  Robinet à boisseau à sphérique pour gaz pour boîte d'inspection à encastrer selon norme UNI 7129, connexion gas à équerre TURBO PRESS GAS, avec commande de contrôle encastré "presse et tourne".
-  Unterflurkugelhahn für Gas, TURBO PRESS GAS Winkel Anschluss und Inspektionsschachtel nach UNI 7129 Norm, mit "pressen und drehen" Bedienknopf.
-  Válvula esfera por gas con caja inspeccionable a embutir según norma UNI 7129, conexión TURBO PRESS GAS, angular, con pernilla de control "pulsar y girar".



POS.	DENOMINAZIONE	PART NAME	DESCRIPTION	TEILBENENNUNG	DENOMINACION	MATERIALE-MATERIALS MATERIAUX-WERKSTOFF- MATERIAL	N°P
1	CORPO	BODY	CORPS	GEHÄUSE	CUERPO	OTTONE CW617N UNI EN 12165	1
2	MANICOTTO	END CONNECTION	MANCHON	MUFFE	MANGUITO	OTTONE CW614N UNI EN 12164	1
3	SFERA	BALL	BILLE	KUGEL	ESFERA	OTTONE CW617N UNI EN 12165	1
4	ASTA	STEM	TIGE	SPINDEL	EJE	OTTONE CW614N UNI EN 12164	1
5	BUSSOLA	BUSH	BAGUE	BUCHSE	ANILLO	ACCIAIO AISI 304	2
6	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	PP	2
7	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	OTTONE CW614N UNI EN 12164	1
8	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	ABS	1
9	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	OTTONE CW614N UNI EN 12164	1
10	ANELLO D'ARRESTO	FASTENING RING	HALTERING	BAGUE D'ARRÊT	ANILLO DE PARO	MECANISMO DE MANIOBRA	2
11	GUARNIZIONE PIANA	FLAT SEAT	JOINT PLAT	FLACHE DICHTUNG	ASIENTO PLANA	PE	2
12	RACCORDO	FITTING	RACCORD	VERBINDUNGSSTÜCK	CONEXIÓN	OTTONE CW617N PTL	2
13	ZANCA	SUPPORT	SUPPORT	LAGER	SOPORTE	POM	3
14	PIASTRA	PLATE	PLAQUE	PLATTE	PLATE	ABS	1
15	MECCANISMO DI MANOVRA	OPERATING MECHANISM	MECANISME DE MANOEUVRE	BEDIENUNGSSYSTEM	MECANISMO DE MANIOBRA	POM	1
16	PROLUNGA	EXTENSION	VERLÄNGERUNG	ALLONGE	EXTENSIÓN	OTTONE CW614N UNI EN 12164	1
17	GUARNIZIONE SFERA	BALL SEAT	JOINT DE TENUE BILLE	KUGRDLICHTUNG	JUNTA ESFERA	P.T.F.E	2
18	TAPPO	CAP	BOUCHON	KAPPE	TAPÓN	ABS	1
19	O-RING	O-RING	O-RING	O-RING	O-RING	NBR	2
20	O-RING	O-RING	O-RING	O-RING	O-RING	HNBR	4
21	O-RING	O-RING	O-RING	O-RING	O-RING	HNBR	2
22	DADO	NUT	ECROU	MUTTER	TUERCA	OTTONE CW617N UNI EN 12165	2
23	VITE	SCREW	VIS	SCHRAUBE	TORNILLO	ACCIAIO	5
24	VITE	SCREW	VIS	SCHRAUBE	TORNILLO	ACCIAIO	2
25	VITE	SCREW	VIS	SCHRAUBE	TORNILLO	OTTONE CW614N UNI EN 20898	1
26	SCATOLA ISPEZIONABILE	INSPECTION BOX	BOLTE D'INSPECTION	INSPEKTIONSSCHACHTEL	CAJA INSPECCIONABLE	HIPS	1
27	SCATOLA ISPEZIONABILE	INSPECTION BOX	BOLTE D'INSPECTION	INSPEKTIONSSCHACHTEL	CAJA INSPECCIONABLE	HIPS	1
28	CARTER	COVER	CARTER	ABDECKUNG	CHARTER	HIPS	1

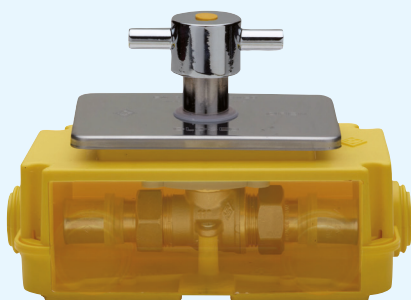







	MATERIALE MATERIALS	MISURA SIZE	DN	BOX	MASTER BOX	CODICE CODE	ØT	ØP	A	A1	B	C	D	ØE	h	H	I	CH	L	L1	N	R	S	Kg
	PLASTICA CROMATA	16	15	1	4	9372160000	16	15	109	80	299	58	51	50	90	20	101	30	178	120	62,5	20	9	0,63
	CROMATA PLASTIC	20	15			9372200000	20																	0,63
	PLASTICA NERA	16	15	1	4	9372160001	16	15	109	80	299	58	51	50	90	20	101	30	178	120	62,5	20	9	0,63
	BLACK PLASTIC	20	15			9372200001	20																	0,63
	PLASTICA BIANCA	16	15	1	4	9372160002	16	15	109	80	299	58	51	50	90	20	101	30	178	120	62,5	20	9	0,63
	WHITE PLASTIC	20	15			9372200002	20																	0,63

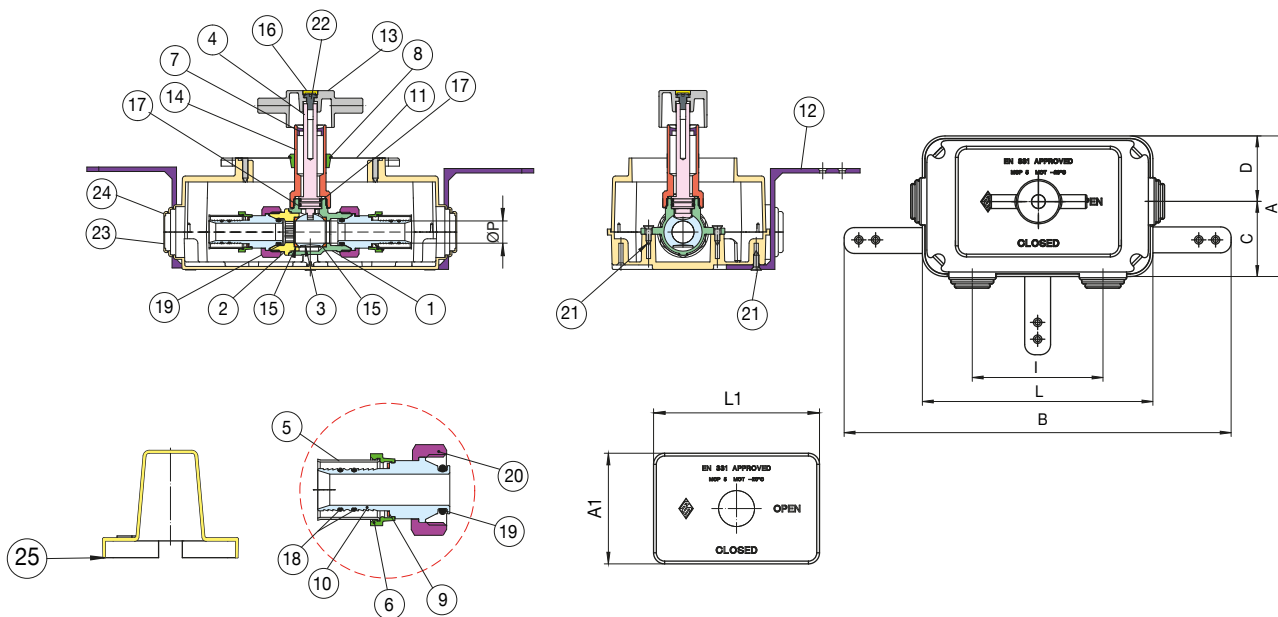
serie FIDO-CASA

Art. 9381

**BREVETTATO
PATENTED**

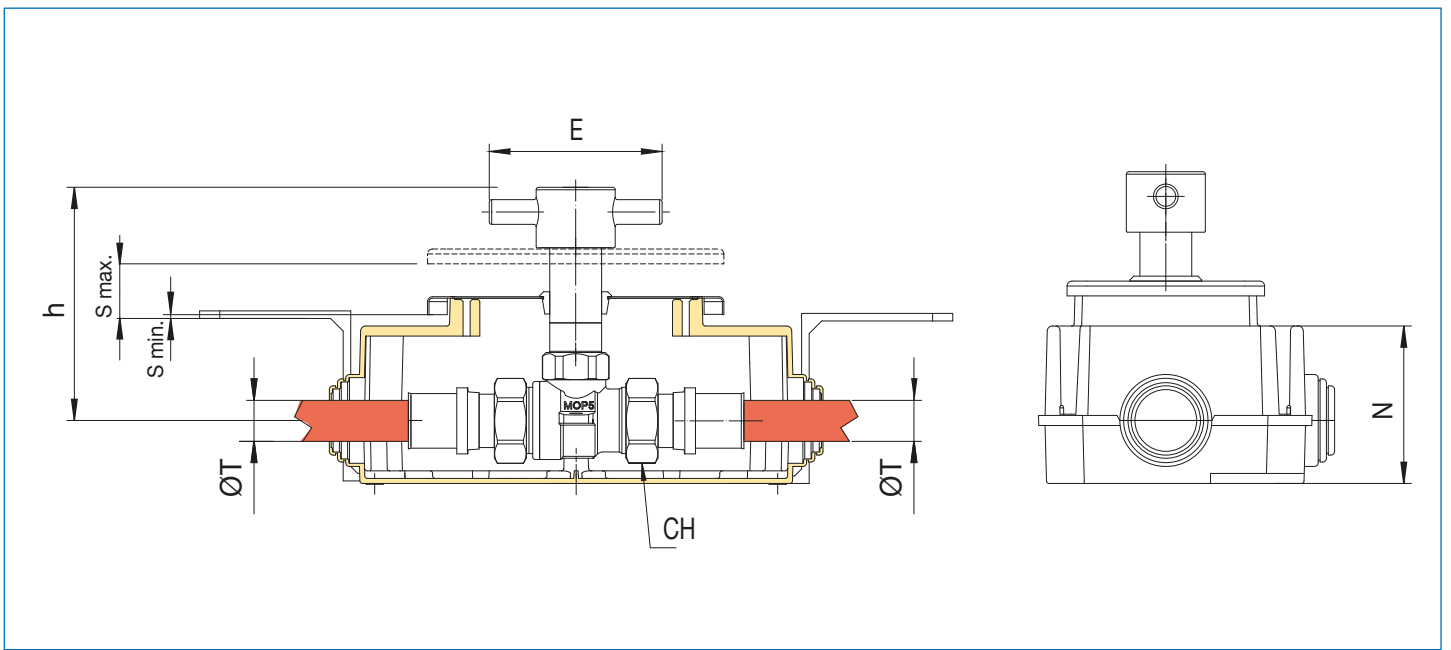


-  Valvola a sfera gas con scatola ispezionabile da incasso a norma UNI 7129, attacchi TURBO PRESS GAS dritti, organo di comando maniglia.
-  Gas ball valve with built-in inspection box according to UNI7129 norms, gas TURBO PRESS GAS straight connections and control lever.
-  Robinet à boisseau sphérique gaz avec boîte d'inspection à encastrer selon norme UNI7129, connexions gaz droits TURBO PRESS GAS et poignée de contrôle.
-  Gas Kugelhahn mit Einbau-Inspektionsschachtel nach Norm UNI 7129, TURBO PRESS GAS Gerade Anschluß und Bedienhandgriff.
-  Válvulas esfera gas con caja inspeccionable a empotrar según norma UNI 7129, conexiones rectas TURBO PRESS GAS y palanca de control.



POS.	DENOMINAZIONE	PART NAME	DESCRIPTION	TEILBENENNUNG	DENOMINACION	MATERIALE-MATERIALS MATERIAUX-WERKSTOFF- MATERIAL	N°P
1	CORPO	BODY	CORPS	GEHÄUSE	CUERPO	OTTONE CW617N UNI EN 12165	1
2	MANICOTTO	END CONNECTION	MANCHON	MUFFE	MANGUITO	OTTONE CW614N UNI EN 12164	1
3	SFERA	BALL	BILLE	KUGEL	ESFERA	OTTONE CW617N UNI EN 12165	1
4	ASTA	STEM	TIGE	SPINDEL	EJE	OTTONE CW614N UNI EN 12164	1
5	BUSSOLA	BUSH	BAGUE	BUCHSE	ANILLO	ACCIAIO INOX/STEEL AISI 304	2
6	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	PP	2
7	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	OTTONE CW614N UNI EN 12164	1
8	GUARNIZIONE COPERCHIO	LID SEAL	JOINT DE COUVERCLE	DECKELDICHUNG	ASIENTO TAPA	POLIETILENE	1
9	GUARNIZIONE PIANA	FLAT SEAT	JOINT PLAT	FLACHE DICHUNG	ASIENTO PLANO	PE	2
10	RACCORDO	FITTING	RACCORD	KUPPLUNG	CONEXION	OTTONE CW617N UNI EN 12165	2
11	PIASTRA	PLATE	PLAQUE	PLATTE	PLATE	ACCIAIO INOX AISI 430	1
12	ZANCA	SUPPORT	SUPPORT	LAGER	SOPORTE	POM	3
13	FARFALLA	T-HANDLE	PIOGNEE A PAPILLON	GRIFF	MARIPOSA	ZAMA/G Zn Al14 ALLOY	1
14	SUPPORTO	SUPPORT	SUPPORT	LAGER	SOPORTE	OTTONE CW614N UNI EN 12164	1
15	GUARNIZIONE SFERA	BALL SEAT	JOINT DE TENUE BILLE	KUGRLDICHUNG	JUNTA ESFERA	P.T.F.E	2
16	TAPPO	CAP	BOUCHON	KAPPE	TAPÓN	ABS	1
17	O-RING	O-RING	O-RING	O-RING	O-RING	NBR	2
18	O-RING	O-RING	O-RING	O-RING	O-RING	HNBR	4
19	O-RING	O-RING	O-RING	O-RING	O-RING	HNBR	2
20	DADO	NUT	ECROU	MUTTER	TUERCA	OTTONE CW617N UNI EN 12165	2
21	VITE	SCREW	VIS	SCHRAUBE	TORNILLO	ACCIAIO	5
22	VITE	SCREW	VIS	SCHRAUBE	TORNILLO	OTTONE CW614N UNI EN 12164	1
23	SCATOLA ISPEZIONABILE	INSPECTION BOX	BOLTE D'INSPECTION	INSPEKTIONSSCHACHTEL	CAJA INSPECCIONABLE	HIPS	1
24	SCATOLA ISPEZIONABILE	INSPECTION BOX	BOLTE D'INSPECTION	INSPEKTIONSSCHACHTEL	CAJA INSPECCIONABLE	HIPS	1
25	CARTER	COVER	CARTER	ABDECKUNG	CHARTER	ABS	1

Disponibile accessorio, art. 6111, a pag. 287 - The accessory, item 6111, is available. See at page 287.

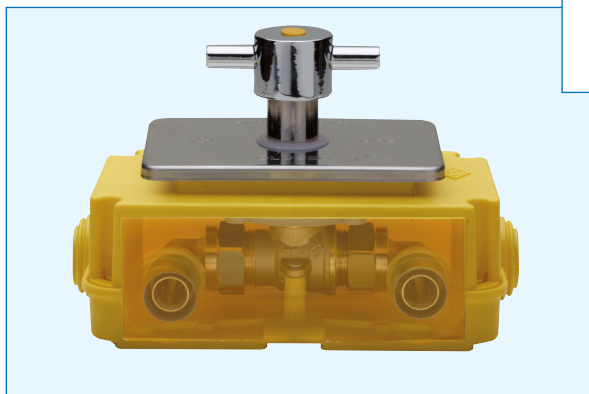


MISURA SIZE	BOX	MASTER BOX	CODICE CODE	ØT	ØP	A	A1	B	C	D	E	h	I	Ch	L	L1	N	S		Kg
																		min	max	
16	1	4	9381160000	16	15	109	80	299	58	51	70	94,5	101	30	178	120	62,5	1,5	20,5	0,82
20	1	4	9381200000	20	15	109	80	299	58	51	70	94,5	101	30	178	120	62,5	1,5	20,5	0,84
26	1	1	9381260000	26	15	109	80	299	58	51	70	94,5	101	30	178	120	62,5	1,5	20,5	0,86

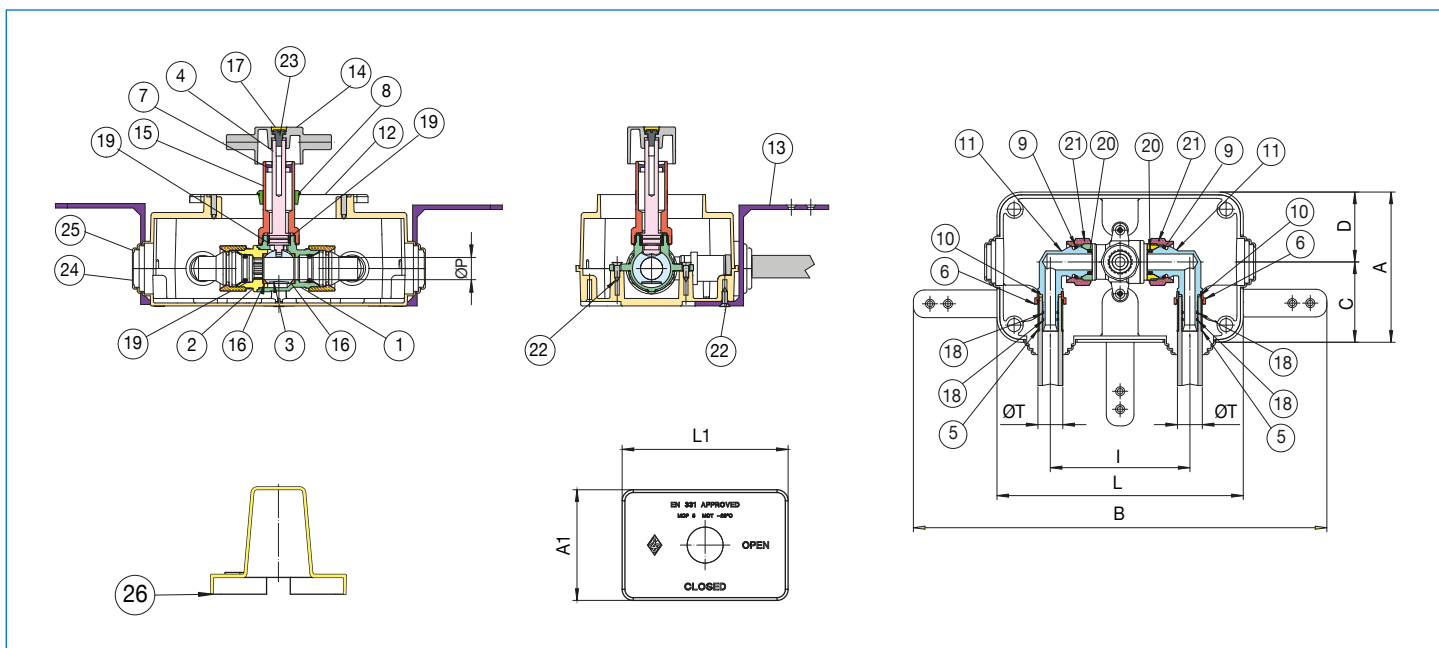
serie FIDO-CASA

Art. 9382

**BREVETTATO
PATENTED**

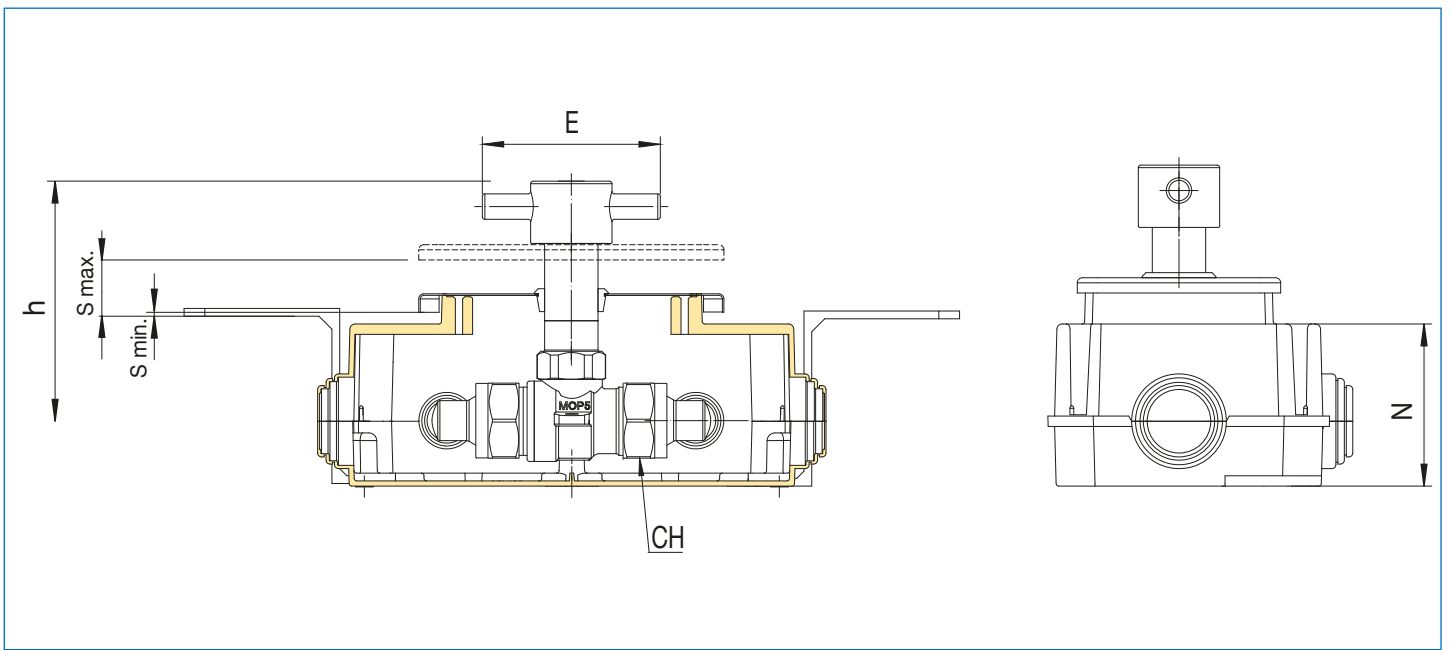


- Valvola a sfera gas con scatola ispezionabile da incasso a norma UNI 7129, attacchi TURBO PRESS GAS a squadra, organo di comando maniglia.
- Gas ball valve with built-in inspection box according to UNI7129 norms, gas TURBO PRESS GAS angle connections and control lever.
- Robinet à boisseau sphérique gaz avec boîte d'inspection à encastrer selon norme UNI7129, connexions gaz à équerre TURBO PRESS GAS et poignée de contrôle.
- Gas Kugelhahn mit Einbau-Inspektionsschachtel nach Norm UNI 7129, TURBO PRESS GAS Winkelanschluß und Bedienhandgriff.
- Válvulas esfera gas con caja inspeccionable a empotrar según norma UNI 7129, conexiones angulares TURBO PRESS GAS y palanca de control.

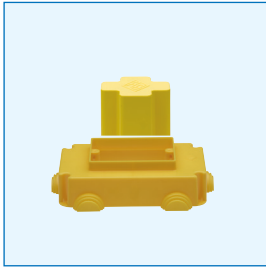


POS.	DENOMINAZIONE	PART NAME	DESCRIPTION	TEILBENENNUNG	DENOMINACION	MATERIALE-MATERIALS MATERIAUX-WERKSTOFF- MATERIAL	N°P
1	CORPO	BODY	CORPS	GEHÄUSE	CUERPO	OTTONE CW617N UNI EN 12165	1
2	MANICOTTO	END CONNECTION	MANCHON	MUFFE	MANGUITO	OTTONE CW614N UNI EN 12164	1
3	SFERA	BALL	BILLE	KUGEL	ESFERA	OTTONE CW617N UNI EN 12165	1
4	ASTA	STEM	TIGE	SPINDEL	EJE	OTTONE CW614N UNI EN 12164	1
5	BUSSOLA	BUSH	BAGUE	BUCHSE	ANILLO	ACCIAIO INOX/STEEL AISI 304	2
6	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	PP	2
7	GHIERA	STEM RETAINING NUT	RACCORD	RING	ANILLO ROSCADO	OTTONE CW614N UNI EN 12164	1
8	GUARNIZIONE COPERCHIO	LID SEAL	JOINT DE COUVERCLE	DECKELDICHUNG	ASIEN TOPO	POLIETILENE	1
9	ANELLO D'ARRESTO	FASTENING RING	HALTERING	BAGUE D'ARRÊT	ANILLO DE PARO	ACCIAIO INOX	1
10	GUARNIZIONE PIANA	FLAT SEAT	JOINT PLAT	FLACHE DICHTUNG	ASIEN TOPO	PE	2
11	RACCORDO	FITTING	RACCORD	KUPPLUNG	CONEXION	OTTONE CW617N UNI EN 12165	2
12	PIASTRA	PLATE	PLAQUE	PLATTE	PLATE	ACCIAIO INOX AISI 430	1
13	ZANCA	SUPPORT	SUPPORT	LAGER	SOPORTE	POM	3
14	FARFALLA	T-HANDLE	PIOGNEE A PAPILLON	GRIFF	MARIPOSA	ZAMA/G Zn Al14 ALLOY	1
15	SUPPORTO	SUPPORT	SUPPORT	LAGER	SOPORTE	OTTONE CW614N UNI EN 12164	1
16	GUARNIZIONE SFERA	BALL SEAT	JOINT DE TENUE BILLE	KUGELDICHTUNG	JUNTA ESFERA	P.T.F.E	2
17	TAPPO	CAP	BOUCHON	KAPPE	TAPÓN	ABS	1
18	O-RING	O-RING	O-RING	O-RING	O-RING	NBR	2
19	O-RING	O-RING	O-RING	O-RING	O-RING	HNBR	4
20	O-RING	O-RING	O-RING	O-RING	O-RING	HNBR	2
21	DADO	NUT	ECROU	MUTTER	TUERCA	OTTONE CW617N UNI EN 12165	2
22	VITE	SCREW	VIS	SCHRAUBE	TORNILLO	ACCIAIO	5
23	VITE	SCREW	VIS	SCHRAUBE	TORNILLO	OTTONE CW614N UNI EN 12164	1
24	SCATOLA ISPEZIONABILE	INSPECTION BOX	BOLTE D'INSPECTION	INSPEKTIONSSCHACHTEL	CAJA INSPECCIONABLE	HIPS	1
25	SCATOLA ISPEZIONABILE	INSPECTION BOX	BOLTE D'INSPECTION	INSPEKTIONSSCHACHTEL	CAJA INSPECCIONABLE	HIPS	1
26	CARTER	COVER	CARTER	ABDECKUNG	CHARTER	ABS	1

Disponibile accessorio, art. 6111, a pag. 267 - The accessory, item 6111, is available. See at page 267.



MISURA SIZE	BOX	MASTER BOX	CODICE CODE	ØT	ØP	A	A1	B	C	D	E	h	l	Ch	L	L1	N	S		Kg
																		min	max	
16	1	4	9382160000	16	15	109	80	299	58	51	70	94,5	101	30	178	120	62,5	1,5	20,5	1,00
20	1	4	9382200000	20	15	109	80	299	58	51	70	94,5	101	30	178	120	62,5	1,5	20,5	1,00



Art. 9390

- Valvola a sfera gas con scatola ispezionabile da incasso a norma UNI 7129, attacchi eurocono.
- Built-in full bore ball valve for gas, copper connections and inspection box acc. to UNI 7129 specifications with euroconus seats.
- Robinet à boisseau sphérique pour gaz pour boîte d'inspection à encastrer selon norme UNI 7129, connexions euroconiques.
- Unterflurkugelhahn für Gas, lötlanschluss und Inspektionsschachtel nach UNI 7129 Norm, mit Eurokonus Sitz.
- Válvula esfera por gas con caja inspeccionable a embutir según norma UNI 7129, conexiones eurocono.

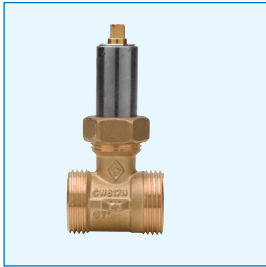
VEDI PAGINA 184 - SEE PAGE 184 - BITTE SEHEN SIE UM SEITE 184 - VOIR PAGE 184 - VER A LA PAGINA 184



Art. 9394

- Organo di comando a scomparsa con placca a scorrimento per valvole art. 9390/9398.
- Control's conceable organ with sliding plate for valves art. 9390/9398.
- Organe de commande à disparition avec plaque à glissement pour vannes art. 9390/9398.
- Steuerung mit versenkbarer Schieblette für Kugelhähne 9390/9398.
- Órgano de control ocultable con placa corrediza por válvulas art. 9390/9398.

VEDI PAGINA 185 - SEE PAGE 185 - BITTE SEHEN SIE UM SEITE 185 - VOIR PAGE 185 - VER A LA PAGINA 185



Art. 935 C

- Valvola 1 uscita per scatola da incasso gas art. 9356.
- Valve 1 outlet for built-in gas box art. 9356.
- Robinet gaz, 1 sortie, pour boîte à encastrer art. 9356.
- Kugelhahn 1 Ausgangsanschluss, für Gas Einbauschachtel art. 9356.
- Válvula con 1 salida por caja embutir gas art. 9356.

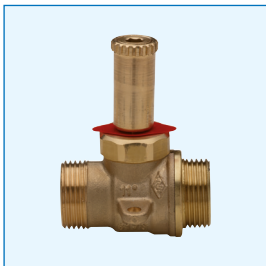
VEDI PAGINA 190 - SEE PAGE 190 - BITTE SEHEN SIE UM SEITE 190 - VOIR PAGE 190 - VER A LA PAGINA 190



Art. 936 C

- Valvola 3 uscite per scatola da incasso gas art. 9357.
- Valve 3 outlets for built-in gas box art. 9357.
- Robinet gaz, 3 sorties, pour boîte à encastrer art. 9357.
- Kugelhahn 3 Ausgangsanschlüsse, für Gas Einbauschachtel art. 9357.
- Válvula con 3 salidas por caja embutir gas art. 9357.

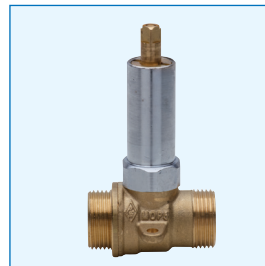
VEDI PAGINA 190 - SEE PAGE 190 - BITTE SEHEN SIE UM SEITE 190 - VOIR PAGE 190 - VER A LA PAGINA 190



Art. 937 C

- Valvola a sfera con attacchi EUROCONO gas per scatola da incasso gas art. 9362.
- Gas full bore ball valve for built in inspection box art.9362.
- Robinet à boisseau sphérique passage total pour gaz pour boîte d'inspection à encastrer art.9362.
- Gas Kugelhahn mit vollem Durchgang für Inspektionsschachtel Art.9362.
- Válvula esfera por gas por caja inspeccionable a embutir art.9362.

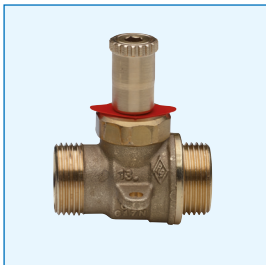
VEDI PAGINA 190 - SEE PAGE 190 - BITTE SEHEN SIE UM SEITE 190 - VOIR PAGE 190 - VER A LA PAGINA 190



Art. 938 C

- Valvola a sfera, con attacchi eurocono gas per scatola da incasso gas art. 9362.
- Gas ball valve with Euroconus seats for built-in box art. 9362.
- Robinet à boisseau sphérique gaz avec sièges euroconiques pour boîte à encastrer art. 9362.
- Gas Kugelhahn mit Eurokonus Sitz für Einbauschachtel art. 9362.
- Válvulas esfera gas con asientos Eurocono por caja a empotrar art. 9362.

VEDI PAGINA 191 - SEE PAGE 191 - BITTE SEHEN SIE UM SEITE 191 - VOIR PAGE 191 - VER A LA PAGINA 191



Art. 939 C

- Valvola a sfera, con attacchi F/F gas per scatola da incasso gas art. 9362.
- Gas ball valve with F/F connections for built-in box art. 9362.
- Robinet à boisseau sphérique gaz connexions F/F pour boîte à encastrer art. 9362.
- Gas Kugelhahn Innengewinde für Einbauschachtel Art. 9362.
- Válvulas esfera gas con conexiones hembra/hembra por caja a empotrar art. 9362.

VEDI PAGINA 191 - SEE PAGE 191 - BITTE SEHEN SIE UM SEITE 191 - VOIR PAGE 191 - VER A LA PAGINA 191



Art. 940 C

- Valvola a sfera, con attacchi F/F gas per scatola da incasso gas art. 9362.
- Gas ball valve with F/F connections for built-in box art. 9362.
- Robinet à boisseau sphérique gaz connexions F/F pour boîte à encastrer art. 9362.
- Gas Kugelhahn Innengewinde für Einbauschachtel Art. 9362.
- Válvulas esfera gas con conexiones hembra/hembra por caja a empotrar art. 9362.

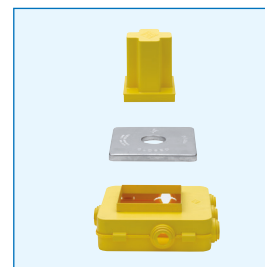
VEDI PAGINA 191 - SEE PAGE 191 - BITTE SEHEN SIE UM SEITE 191 - VOIR PAGE 191 - VER A LA PAGINA 191



Art. 9355

- Raccordo di uscita per cassetta da incasso gas artt. 9356/9363.
- Outlet fitting for built-in gas box artt. 9356/9363.
- Raccord de sortie gaz pour boîte à encastrer artt. 9356/9363.
- Ausgangsschraubung für Gas Einbauschachtel artt. 9356/9363.
- Conexión de salida por caja embutir gas artt. 9356/9363.

VEDI PAGINA 192 - SEE PAGE 192 - BITTE SEHEN SIE UM SEITE 192 - VOIR PAGE 192 - VER A LA PAGINA 192



Art. 9356

- Cassetta da incasso per valvole 9355-934C-935C.
- Built-in box for valves 9355-934C-935C.
- Boîte à encastrer pour robinet 9355-934C-935C.
- Einbauschachtel für Kugelhähne 9355-934C-935C.
- Caja a embutir por válvula 9355-934C-935C.

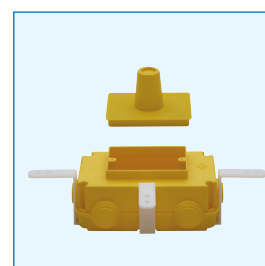
VEDI PAGINA 192 - SEE PAGE 192 - BITTE SEHEN SIE UM SEITE 192 - VOIR PAGE 192 - VER A LA PAGINA 192



Art. 9357

- Cassetta da incasso per valvole 936C.
- Built-in box for valves 936C.
- Boîte à encastrer pour robinet 936C.
- Einbauschachtel für Kugelhähne 936C.
- Caja a embutir por válvula 936C.

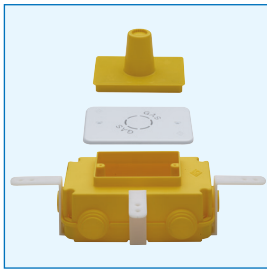
VEDI PAGINA 192 - SEE PAGE 192 - BITTE SEHEN SIE UM SEITE 192 - VOIR PAGE 192 - VER A LA PAGINA 192








Art. 9362

- Scatola da incasso per valvola art. 937C/938C.
- Built-in box for valve art. 937C/938C.
- Boîte à encastrer pour robinet art. 937C/938C.
- Einbauschachtel für Kugelhähne Art. 937C/938C.
- Caja a embutir por válvula art. 937C/938C.

VEDI PAGINA 193 - SEE PAGE 193 - BITTE SEHEN SIE UM SEITE 193 - VOIR PAGE 193 - VER A LA PAGINA 193








Art. 9363

-  Scatola da incasso per raccordo art. 9355.
-  Built-in box for valve 9355.
-  Boîte à encastrer pour robinet 9355.
-  Einbauschachtel für Kugelhähne 9355.
-  Caja a embutir por válvula 9355.

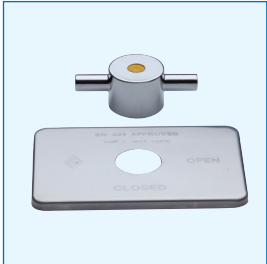
VEDI PAGINA 193 - SEE PAGE 193 - BITTE SEHEN SIE UM SEITE 193 - VOIR PAGE 193 - VER A LA PAGINA 193








Art. 9364

-  Organo di comando premi e gira a scomparsa per art.937C.
-  "push and turn" recessed control knob for art. 937C.
-  Commande de contrôle encastré "presse et tourne" pour art.937C.
-  Versenkter Bedientknopf "pressen und drehen" für Art. 937C.
-  Perilla de control empotrada "pulsar y girar" para art.937C.

VEDI PAGINA 193 - SEE PAGE 193 - BITTE SEHEN SIE UM SEITE 193 - VOIR PAGE 193 - VER A LA PAGINA 193








Art. 9366

-  Kit farfalla per valvola 938C.
-  Spare T-handle for valve 938C.
-  Kit papillon pour robinet 938C.
-  Ersatz Flügelgriff für Kugelhähne 938C.
-  Juego mariposa por válvula 938C.

VEDI PAGINA 194 - SEE PAGE 194 - BITTE SEHEN SIE UM SEITE 194 - VOIR PAGE 194 - VER A LA PAGINA 194








Art. 9358

-  Kit farfalla per valvole 934C/935C/936C.
-  Spare T-handle for valves 934C/935C/936C.
-  Kit papillon pour robinet 9934C/935C/936C.
-  Ersatz Flügelgriff für Kugelhähne 934C/935C/936C.
-  Juego mariposa por válvula 934C/935C/936C.

VEDI PAGINA 194 - SEE PAGE 194 - BITTE SEHEN SIE UM SEITE 194 - VOIR PAGE 194 - VER A LA PAGINA 194








Art. 9368

-  Adattatore che trasforma l'EUROCONO in sede piana.
-  Adapter of EUROCONUS/flat seat connection.
-  Adaptateur du siège EUROCONIQUE/siège plat.
-  Adapter EUROKONUS-Sitz/Flachsitz.
-  Adaptador EUROCONO/asiento plano.

VEDI PAGINA 194 - SEE PAGE 194 - BITTE SEHEN SIE UM SEITE 194 - VOIR PAGE 194 - VER A LA PAGINA 194








Art. 53RI01

-  Tappo per collettore gas art. 936C.
-  Plug for gas manifold art. 936C.
-  Bouchon pour collecteur gaz art. 936C.
-  Deckel für Gaskollektor art. 936C.
-  Tapa para colector gas art. 936C.

VEDI PAGINA 196 - SEE PAGE 196 - BITTE SEHEN SIE UM SEITE 196 - VOIR PAGE 196 - VER A LA PAGINA 196








Art. 9373

-  Cassetta da incasso per collettore gas.
-  Built-in box for gas manifold
-  Boîte d'inspection pour collecteur gaz
-  Einbaukasten für Gasverteiler
-  Caja a empotrar por colector de gas

VEDI PAGINA 196 - SEE PAGE 196 - BITTE SEHEN SIE UM SEITE 196 - VOIR PAGE 196 - VER A LA PAGINA 196








Art. 9374

-  Collettore gas con attacchi derivazione 3/4" eurocono.
-  Gas manifold with 3/4" euroconus connections.
-  Collecteur gaz avec raccords Euroconiques 3/4".
-  Gasverteiler mit 3/4" eurokonus Anschlüssen.
-  Colector de gas con conexiones eurocono 3/4".

VEDI PAGINA 196 - SEE PAGE 196 - BITTE SEHEN SIE UM SEITE 196 - VOIR PAGE 196 - VER A LA PAGINA 196








Art. 9375

-  Valvola a sfera diritta per collegamento collettore gas.
-  Straight ball valve for gas manifold connection.
-  Robinet droit à boisseau sphérique pour connexion de collecteurs gaz.
-  Kugelhahn für Gasverteileranschluss.
-  Valvula de esfera recta de conexion con colector de gas.

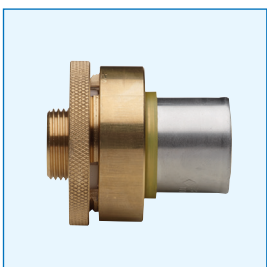
VEDI PAGINA 197 - SEE PAGE 197 - BITTE SEHEN SIE UM SEITE 197 - VOIR PAGE 197 - VER A LA PAGINA 197








Art. 9376

-  Valvola a sfera a squadra per collegamento collettore gas.
-  Angle ball valve for gas manifold connection.
-  Robinet équerre à boisseau sphérique pour connexion de collecteurs gaz.
-  Eck-Kugelhahn für Gasverteileranschluss.
-  Valvula de esfera angular de conexion con colector de gas.

VEDI PAGINA 197 - SEE PAGE 197 - BITTE SEHEN SIE UM SEITE 197 - VOIR PAGE 197 - VER A LA PAGINA 197

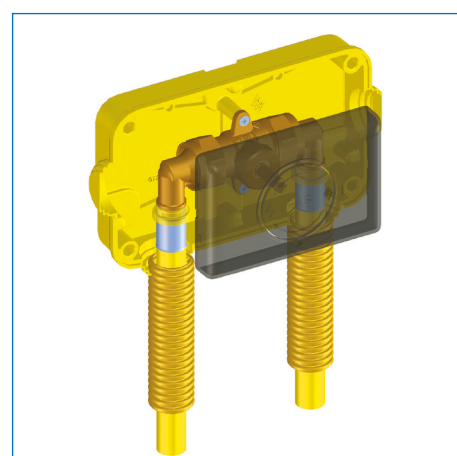
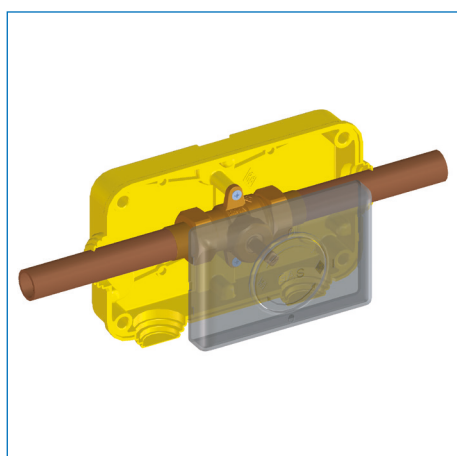
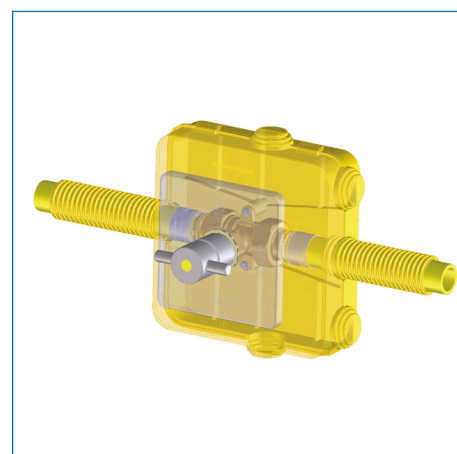
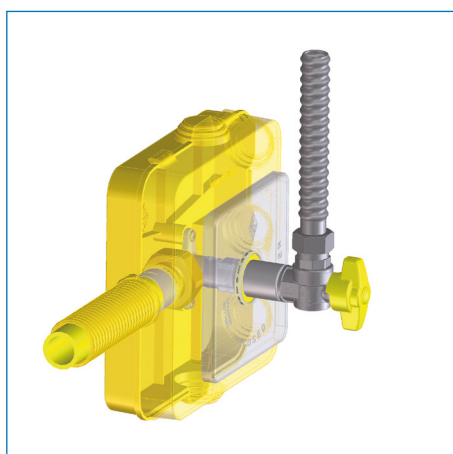
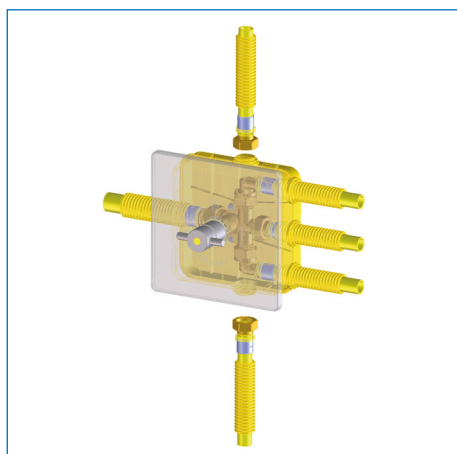


Art. 9377

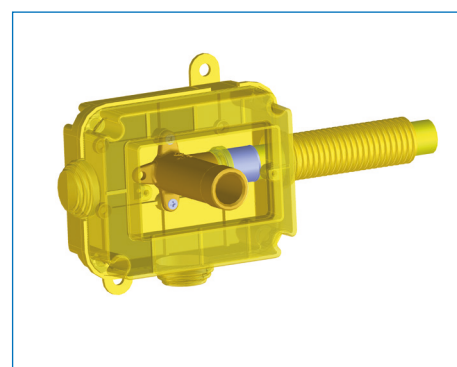
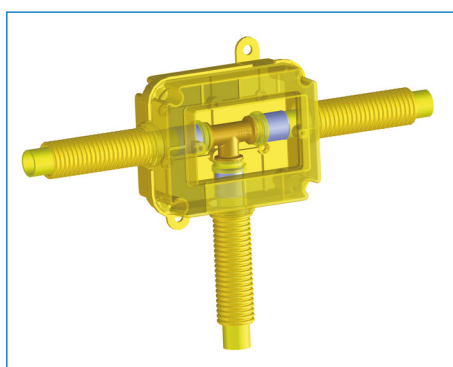
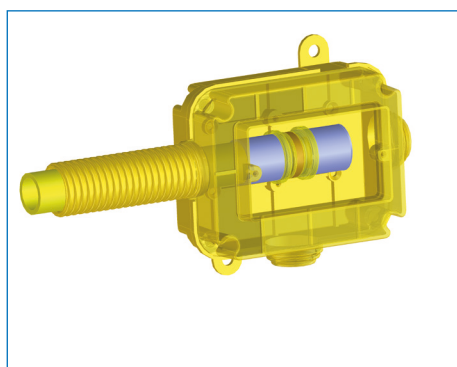
-  Raccordo passamuro, attacco multistrato per cassetta collettore gas.
-  Wall duct fitting for gas manifold box with multilayer pipe fitting.
-  Raccord parois pour boîte collecteur gaz avec connexion tuyau multicouche.
-  Wanddurchführung für Gasverteilerkasten mit Anschluss für Mehrschichtverbundrohr.
-  Racor de paredes por cajas colector gas con conexion tubo multicapa.

VEDI PAGINA 197 - SEE PAGE 197 - BITTE SEHEN SIE UM SEITE 197 - VOIR PAGE 197 - VER A LA PAGINA 197

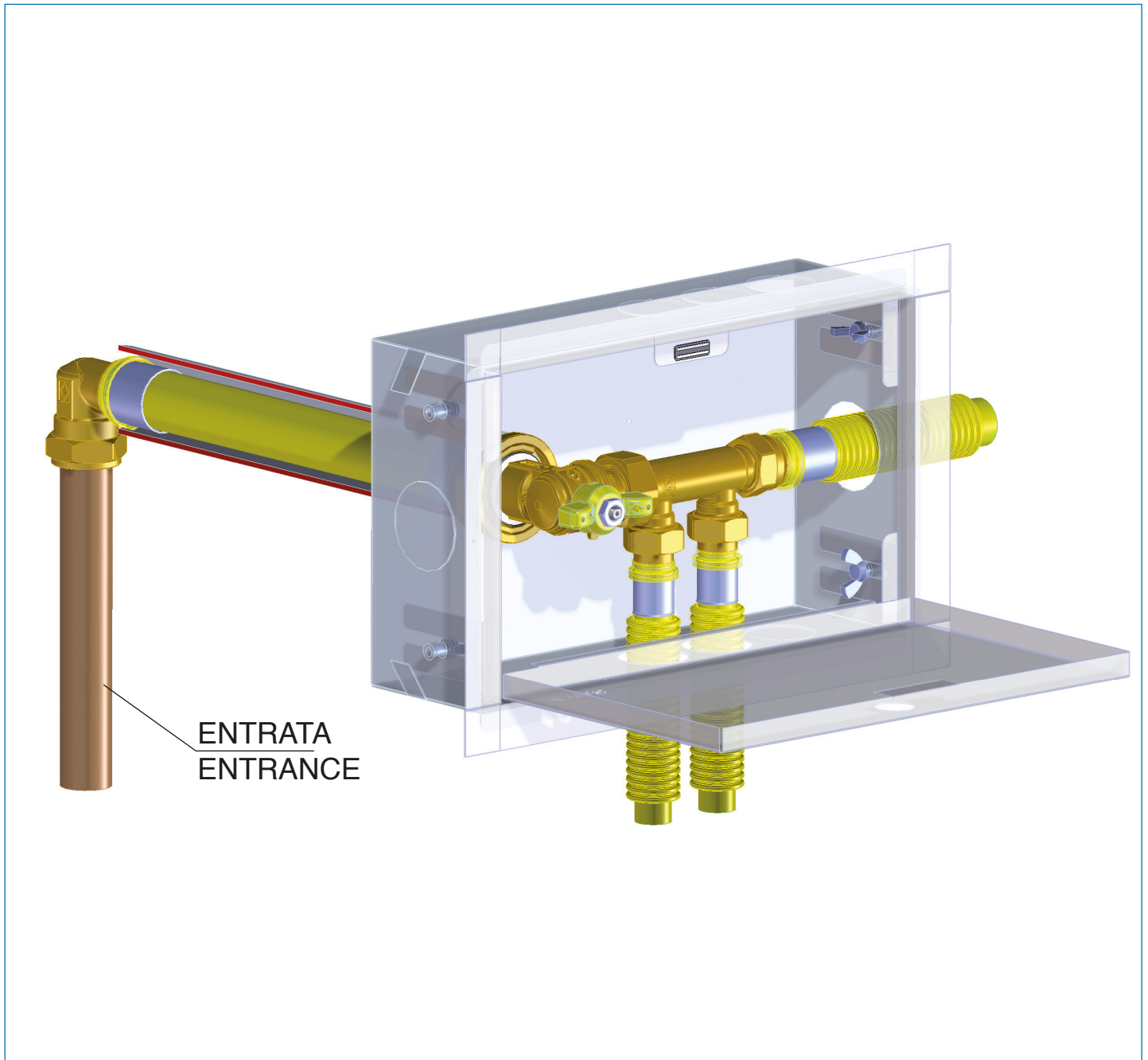
SCHEMI DI MONTAGGIO COLLETTORE/VALVOLE DA INCASSO GAS MOUNTING SCHEMA MANIFOLD/BUILT-IN VALVE FOR GAS

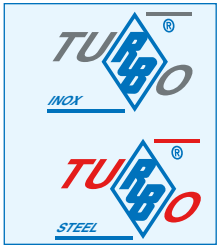


SCHEMI DI MONTAGGIO CASSETTA INCASSO PER RACCORDI MOUNTING SCHEMA BUILT-IN BOX FOR FITTINGS



SCHEMA DI MONTAGGIO COLLETTORE PASSAMURO MOUNTING SCHEMA WALL DUCT MANIFOLD





SISTEMA PRESSFITTING TURBO STEEL-INOX-INOX GAS-CuNi

PRESSFITTING SYSTEM TURBO STEEL-INOX-INOX GAS-CuNi



1. Presentazione

TURBO INOX e TURBO INOX GAS (in acciaio inossidabile AISI 316L), TURBO STEEL (in acciaio al carbonio n° 1.0034) e TURBO CuNi (in cupronichel 90/10) sono dei sistemi di connessione a pressare (tubi, curve, manicotti, derivazioni, riduzioni, ecc.) nella gamma dimensionale compresa tra 15 e 108 mm, che presentano un'estrema semplicità e rapidità di montaggio.

I tubi innestati negli appositi raccordi pressfitting, vengono uniti grazie all'azione esercitata da pressatrici sia elettroidrauliche che elettromeccaniche, munite di pinze (profilo M), che imprimono una deformazione definitiva alla camera toroidale di ogni raccordo garantendone la tenuta ermetica e meccanica.

I campi principali di impiego di TURBO INOX sono l'adduzione di acqua potabile (certificato da DVGW DW8511CN0004) e di acque trattate e/o additivate, di impianti antincendio e nella versione TURBO INOX GAS (certificato da DVGW DG 4550CN0164), l'adduzione di gas metano, gas naturale e GPL. I settori di applicazione di TURBO STEEL sono principalmente gli impianti di riscaldamento a circuito chiuso, di conduzione aria compressa e antincendio sprinkler a umido mentre per TURBO CuNi sono gli impianti navali alimentati ad acqua di mare (antincendio, refrigerazione, lavaggio, dissalazione, zavorra, sentina). Per le applicazioni navali la gamma TURBO INOX e TURBO CuNi comprende anche i passaggi ponti/paratia senza saldature, stagni e tagliafuoco e certificati in accordo alla Direttiva Europea MED 2014/90/EU.

I sistemi in allestimento possono lavorare alla pressione massima di 16 bar e temperatura in funzione del tipo di O-ring (EPDM o FKM). Per TURBO STEEL e TURBO INOX, il disegno degli O-ring LBP (Leak before press) consente di individuare una fuoriuscita di fluido in fase di collaudo impianto, qualora il raccordo non fosse stato pressato. Per maggiori dettagli, consultate lo specifico manuale tecnico.

1. Introduction

TURBO INOX and TURBO INOX GAS (in stainless steel AISI 316L), TURBO STEEL (in carbon steel 1.0034) and TURBO CuNi (a 90/10 copper-nickel alloy) are press-systems (pipes, elbows, couplings, etc), very quick and easy to install and assemble.

Their range vary from 15 to 108 mm. Pipes and fittings are assembled by means of M profiled clamps which create a standing deformation to the toroidal chamber of the fitting and guarantee, once the o-ring is pressed, a perfect and permanent mechanical sealing.

The main application for our TURBO INOX system is the distribution of potable water (as per DVGW Certificate DW8511CN0004), treated and additives water, fire-fighting lines. The option TURBO INOX GAS is (as per DVGW Certificate DG 4550CN0164) mainly installed for the distribution of NCG and LPG. While the Turbo Steel system is mainly used for heating and conditioning systems, as well as compressed air circuits and for wet fire fighting lines. The TURBO CuNi system is requested for shipyard installation where marine water is used for fire-fighting, cooling, water sweetening, ballast and bilge purposes.

For naval applications our TURBO INOX e TURBO CuNi product range includes also weldless, watertight and fireproof deck-bulkhead pipe penetrations certified in accordance to the directive MED 2014/90/EU.

Our systems, can be used for a maximum working pressure of 16 bar and at a variable working temperature depending on the O-ring (EPDM or FKM). Per TURBO STEEL e TURBO INOX, the design of the O-ring LBP (Leak before press) allows to identify a possible leakage of the fluid, during the testing phase of the installation, in case the fittings was not pressed. For further details, please refer to our technical manual.

1. Présentation

TURBO INOX et TURBO INOX GAS (en acier inoxydable AISI 316L), TURBO STEEL (en acier-carbone n° 1.0034) et TURBO CuNi (en alliage 90/10 quivre-nickel) sont des systèmes de connexion à presser (tubes, coudes, manchons, dérivation, réductions, etc.) dans la gamme dimensionnelle entre 15 et 108 mm, qui sont très simple et rapides à monter.

Les tubes greffés sur les connecteurs sont unis par des moyens de pinces (profil M), soit électro hydraulique que électromécaniques, qui déforment définitivement la chambre toroïdale en assurant l'étanchéité mécanique.

Les principaux domaines d'applications de TURBO INOX sont l'approvisionnement d'eau potable (certifiés par le DVGW DW8511CN0004), de l'eau traitée ou de l'eau avec des additifs et dans les systèmes de protection contre-incendie. La version TURBO INOX GAS (certifiés par le DVGW DG 4550CN0164) est recommandé dans la fourniture de gaz naturel et du GPL. Les domaines d'application de la version TURBO STEEL sont principalement des circuits fermés pour le chauffage, pour l'air comprimé et les réseaux sprinklers dans les systèmes humides de protection incendie. TURBO CuNi est principalement utilisé dans des applications marines avec passage d'eau salée (protection contre-incendies, refroidissement, nettoyage, dessalement, ballast et assèchement). En cas d'applications navales,

la gamme TURNO INOX et TURBO CUNI comprend aussi les passages étanche pont/cloison sans soudure et ininflammable et les Certificats selon la Directive Européenne MED 2014/90/EU.

Per TURBO STEEL e TURBO INOX, Le dessin des joints toriques LBP (Leak before press) permet d'identifier une éventuelle fuite de fluide pendant la phase de vérification de l'implantation, au cas où le raccord n'aurait pas été pressé. Ces systèmes peuvent fonctionner à la pression maximale de 16 bar et températures en fonction du type de joint torique utilisé (EPDM ou FKM). Pour plus de détails, reportez-vous au catalogue spécifique.

1. Vorstellung

TURBO INOX und TURBO INOX GAS (aus Edelstahl 316L), TURBO STEEL (aus Stahl 1.0034) und TURBO CuNi (aus Kupfernichel 90/10) sind Pressfitting-Systeme (Rohre, Bögen, Muffen, Einsätze, usw.), in den Größen ab 15 bis 108mm, die eine sehr schnelle, einfache und praktikable Möglichkeit der Verlegung bieten.

Rohre und Fittings werden sowohl durch elektrohydraulische als auch elektromechanische Press-Werkzeuge ("M" Profil) miteinander verbunden, die eine Verformung der Ringkammer jedes Fittings hervorrufen. Damit wird eine hermetisch abgeschlossene und permanente mechanische Verbindung garantiert.

Rohre und Fittings werden sowohl durch elektrohydraulische als auch elektromechanische Press-Werkzeuge ("M" Profil) miteinander verbunden, die eine Verformung der Ringkammer jedes Fittings hervorrufen. Per TURBO STEEL e TURBO INOX, das besondere Profil des O-Rings lässt bei versehentlich nicht verpressten Verbindungen bei der Dichtheitsprüfung auffallen (sog. Unverpresst Undicht). Damit wird eine hermetisch abgeschlossene und permanente mechanische Verbindung garantiert.

Haupteinsätze der Edelstahl TURBO INOX Fittings, ist die Zufuhr von Trinkwasser (von DVGW zugelassen DW8511CN0004) von behandeltem bzw. additiviertem Wasser sowie von Feuerlöschwasser. Die Version TURBO INOX GAS (von DVGW zugelassen DG 4550CN0164) ist für die Zufuhr von Methan, Erdgas und Flüssiggas. Die Einsatzbereiche von TURBO STEEL sind hauptsächlich die geschlossener Kreislauf Heiztechnik, die Druckluftverteilung, Feuerlösch-Sprinkler-Nassanlagen.

Für Schiffbauanwendungen fasst unsere Produktpalette TURBO INOX und TURBO CuNi auch nahtlosen, wasserdichten und feuerfesten Durchführungen Deck/Schott nach der EU Richtlinie MED 2014/90/EU um.

Typische Einsatzbeispiele für TURBO CuNi sind Meerwasser-Schiffanlagen (Feuerlöschen, Kühlen, Waschen, Entsalzen, Ballast, Bilge). Unsere Standard Systeme können bei einem maximalen Betriebsdruck von 16 Bar eingesetzt werden. Die Temperatur hängt vom Typ der Oringe ab (EPDM bzw. FKM). Weitere Informationen entnehmen Sie bitte unseren technischen Datenblättern.

1. Presentación

TURBO INOX y TURBO INOX GAS (en acero inoxidable AISI 316 L), TURBO STEEL (en acero carbono nº 1.0034) y TURBO CuNi (aleación 90/10 cobre-níquel) son sistemas de conexiones a prensar, (tubos, curvas, manguitos, derivaciones, reducciones etc.) en la gama dimensional entre 15 y 108 mm, que ofrecen un extrema simplicidad y rapidez de montaje. De hecho los tubos inseridos en las conexiones referentes son juntos con la mordaza (perfil M) electro hidráulica o, también, electromecánica, que produce una deformación definitiva a la cámara toroidal de cada conexión garantiéndole el reten hidráulico y mecánico.

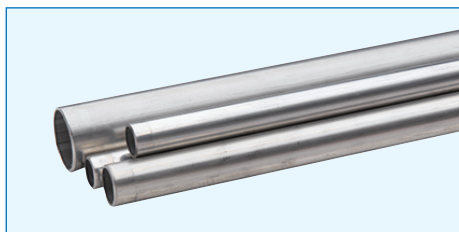
Per TURBO STEEL e TURBO INOX, El diseño del O-ring LBP (Leak before press) le permite detectar una fuga de fluido durante la prueba en la planta, si la conexión no se ha prensado.

Los principales campos de aplicaciones de TURBO INOX se encuentran en el abastecimiento de agua potable (certificado por DVGW DW8511CN0004), en el agua tratada o agua con aditivos y en los sistemas de protección contra incendios. La versión TURBO INOX GAS (certificado por DVGW DG 4550CN0164) se recomienda en el suministro de gas natural y GLP. Los campos de aplicación de TURBO STEEL son principalmente en circuitos cerrados de calefacción, suministro de aire comprimido y redes de rociadores en sistemas húmedos de protección contra incendios. TURBO CuNi se utiliza principalmente en aplicaciones marinas que utilizan agua de mar (protección contra incendios, refrigeración, limpieza, desalinización, lastre y sentina).






Para aplicaciones navales nuestra gama TURBO INOX y TURBO CuNi incluye también los pasajes de tubería cubierta/mamparo sin soldaduras, estancos e ignífugos según la Directiva Europea MED 2014/90/EU.

Estos sistemas pueden trabajar a la presión máxima de 16 bar y temperaturas que dependen de el tipo de junto tórico utilizado (EPDM o FKM). Para obtener más información, consulte el catálogo específico.

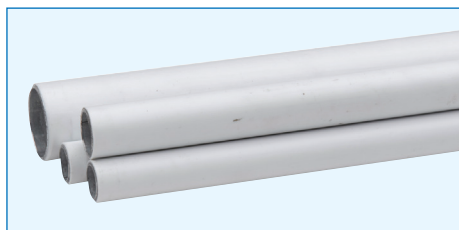









Art. 51T000

-  Tubo in acciaio al carbonio zincato interno ed esterno.
-  External internal zinc plated carbon steel pipe.
-  Tube en acier au carbon zingué à l'intérieur et à l'extérieur.
-  Verzinktes Stahl Rohr.
-  Tubo en acero al carbono cincado al internamente y externamente.

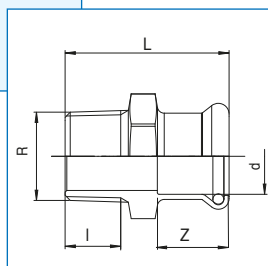
MISURA SIZE	SP	m/BARRA m/BAR	m/FASCIO m/BUNCH	CODICE CODE
15	1,2	6	2400	51T00015
18	1,2	6	1992	51T00018
22	1,5	6	1302	51T00022
28	1,5	6	1026	51T00028
35	1,5	6	810	51T00035
42	1,5	6	690	51T00042
54	1,5	6	510	51T00054
76,1	2	6	276	51T00076
88,9	2	6	198	51T00088
108	2	6	-	51T000108



Art. 51T200

-  Tubo in acciaio al carbonio zincato interno ed esterno, rivestito.
-  Covered carbon steel pipe.
-  Tube en acier au carbon avec revêtement.
-  Stahlrohr, innen und aussen verzinkt, beschichtet.
-  Tubo en acero al carbono cincado al internamente y externamente.

MISURE SIZE	SP	m/BARRA m/BAR	m/FASCIO m/BUNDLE	CODICE CODE
15	1,2	6	120/1080	51T20015
18	1,2	6	90/540	51T20018
22	1,5	6	60/540	51T20022
28	1,5	6	60/540	51T20028
35	1,5	6	30/450	51T20035
42	1,5	6	30/450	51T20042
54	1,5	6	30/300	51T20054
76	2	6 m	-	51T20076
88	2	6 m	-	51T20088
108	2	6 m	-	51T200108

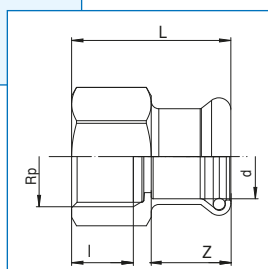


Art. 510000

- Manicotto misto - filetto maschio.
- Male adaptor.
- Manchon mâle.
- Übergangsstück AG.
- Manguito mixto - roscado macho.

LBP

d-R	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-R 3/8"	10	300	5100001503	40	19	11,4
15-R 1/2"	10	300	5100001504	44	19	15
15-R 3/4"	10	200	5100001505	46	19	16,3
18-R 1/2"	10	250	5100001804	45	19,5	15
18-R 3/4"	10	200	5100001805	47	19,5	16,3
22-R 1/2"	5	150	5100002204	47	21	15
22-R 3/4"	5	150	5100002205	46	21	16,3
22-R 1"	5	150	5100002206	51	21	19,1
28-R 3/4"	5	150	5100002805	50	22	16,3
28-R 1"	5	100	5100002806	53	22	19,1
35-R 1"	5	90	5100003506	59	27	19,1
35-R 1"1/4	5	70	5100003507	60	27	21,4
42-R 1"1/2	2	40	5100004208	63	30	21,4
54-R 2"	2	28	5100005410	73	35	25,7
76-R 2"1/2	1	10	5100007612	101	54	30,2
88-R 3"	1	8	5100008814	108	61	33,3
108-R 4"	1	10	51000010818	128	76	39,3

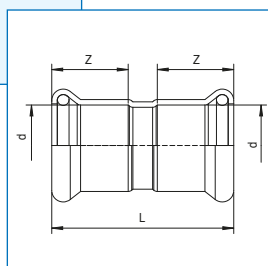


Art. 510100

- Manicotto misto - filetto femmina.
- Female adaptor.
- Manchon femelle.
- Übergangsstück IG.
- Manguito mixto - roscado hembra.

LBP

d-Rp	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-Rp 3/8"	10	400	5101001503	36,5	19	11,4
15-Rp 1/2"	10	200	5101001504	41	19	15
18-Rp 1/2"	10	200	5101001804	41	19,5	15
18-Rp 3/4"	10	200	5101001805	42	19,5	16,3
22-Rp 1/2"	5	150	5101002204	39	21	15
22-Rp 3/4"	5	150	5101002205	42	21	16,3
22-Rp 1"	5	120	5101002206	46	21	19,1
28-Rp 1/2"	5	100	5101002804	39	22	15
28-Rp 3/4"	5	100	5101002805	44	22	16,3
28-Rp 1"	5	100	5101002806	47,5	22	19,1
35-Rp 1"1/4	5	75	5101003507	54	27	21, 4
42-Rp 1"1/2	2	30	5101004208	58	30	21,4
54-Rp 2"	2	30	5101005410	67	35	25,7

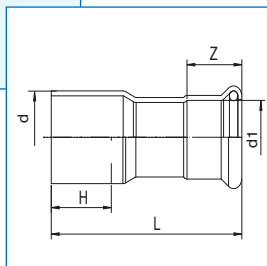


Art. 510200

- Manicotto.
- Coupling.
- Manchon.
- Muffe.
- Manguito.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	51020015	48	19
18	10	250	51020018	49,5	19,5
22	5	200	51020022	51	21
28	5	100	51020028	55	22
35	5	75	51020035	68,5	27
42	2	46	51020042	78,5	30
54	2	28	51020054	90	35
76,1	1	10	51020076	130,5	54
88,9	1	8	51020088	147	61
108	1	3	510200108	189	76

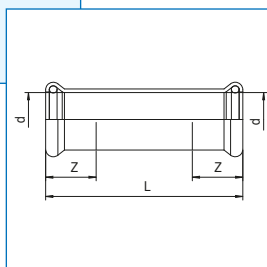


Art. 510400

- Manicotto di riduzione M/F.
- M/F reducer.
- Manchon de reduction mâle/femelle.
- Reduziertstück.
- Manguito de reducción macho/hembra.

LBP

d-d1	SAC.	MASTER BOX	CODICE CODE	H	Z	L
18-15	10	250	5104001815	19,5	19	54
22-15	10	250	5104002215	21	19	64
22-18	10	250	5104002218	21	19,5	60
28-15	10	200	5104002815	22	19	70
28-18	10	200	5104002818	22	19,5	70
28-22	5	150	5104002822	22	21	69
35-15	5	100	5104003515	27	20	67,5
35-18	5	100	5104003518	27	20	66,5
35-22	5	100	5104003522	27	21	71,5
35-28	5	100	5104003528	27	22	72
42-22	2	80	5104004222	30	21	89
42-28	2	80	5104004228	30	22	77
42-35	2	60	5104004235	30	27	80
54-22	2	40	5104005422	35	21	84
54-28	2	40	5104005428	35	22	107,5
54-35	2	40	5104005435	35	27	104
54-42	2	30	5104005442	35	30	98
76.1-54	1	20	5104007654	54	35	144
88.9-54	1	12	5104008854	61	35	171
88.9-76.1	1	10	5104008876	61	54	160
108-76.1	1	5	51040010876	76	54	210
108-88.9	1	3	51040010888	76	61	199

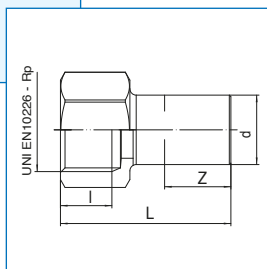
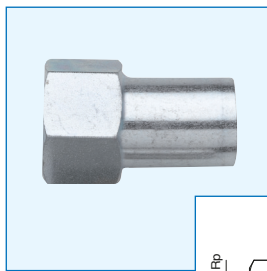


Art. 510500

- Manicotto passante.
- Slip coupling.
- Manchon de connexion.
- Schiebemuffe.
- Manguito de paso.

LBP

d	SAC.	MASTER BOX	CODICE	L	Z
15	10	250	51050015	71	19
18	10	250	51050018	77	19,5
22	5	125	51050022	82	21
28	5	75	51050028	90	22
35	5	50	51050035	98	27
42	2	24	51050042	116	30
54	2	16	51050054	141	35
76,1	1	4	51050076	232,5	54
88,9	1	3	51050088	255	61
108	1	2	510500108	315,5	76

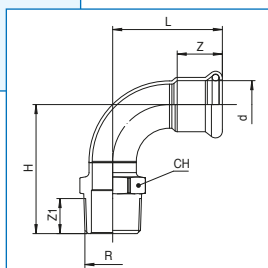


Art. 510900

- Manicotto maschio - filetto femmina.
- Male adaptor - female thread.
- Manchon mâle - taraudée femelle.
- Übergangsfitting AG.
- Manguito macho - roscado hembra.

LBP

d-Rp	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-Rp 1/2"	10	200	5109001504	51	19	15
18-Rp 1/2"	10	200	5109001804	50,5	19,5	15
18-Rp 3/4"	10	200	5109001805	52	19,5	16,3
22-Rp 1/2"	5	150	5109002204	51	21	15
22-Rp 3/4"	5	150	5109002205	54	21	16,3

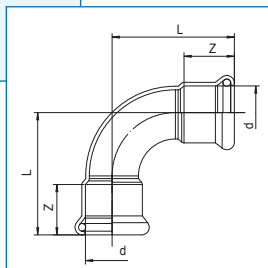


Art. 511000

- Curva mista 90° - filetto maschio.
- Male thread mixed curve 90°.
- Raccord courbe 90° mâle.
- Übergangsbogen AG.
- Curva mixta 90° - rosca macho.

LBP

d-R	SAC.	MASTER BOX	CODICE CODE	L	H	Z	Z1	CH
15-R 1/2"	10	150	5110001504	41	48	20	15	22
18-R 1/2"	10	200	5110001804	45	49	20	15	22
22-R 3/4"	5	125	5110002205	51	60	21	16,3	27

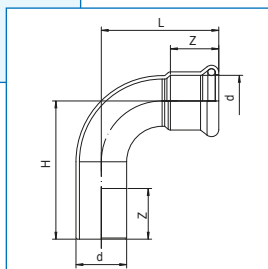


Art. 511200

- Curva 90° F/F.
- 90° elbow F/F.
- Courbe 90° femelle/femelle.
- Bogen 90°.
- Curva 90° hembra/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	51120015	41	19
18	10	200	51120018	45	19,5
22	5	125	51120022	51	21
28	5	70	51120028	60,5	22
35	5	40	51120035	76,5	27
42	2	20	51120042	95,9	30
54	2	8	51120054	124,3	35
76,1	1	5	51120076	160	54
88,9	1	2	51120088	185	61
108	-	1	511200108	250	76

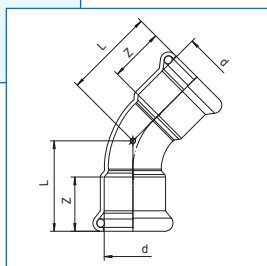


Art. 511300

- Curva 90° M/F.
- M/F 90° elbow.
- Courbe 90° mâle/femelle.
- Bogen 90° I/A.
- Curva 90° macho / hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	H	Z
15	10	250	51130015	41	47,5	19
18	10	250	51130018	45	51,5	19,5
22	5	120	51130022	51	57,5	21
28	5	60	51130028	60,5	66,5	22
35	5	40	51130035	76,5	83	27
42	2	20	51130042	96	102,5	30
54	2	12	51130054	124,5	131,5	35
76,1	1	5	51130076	160	166	54
88,9	1	2	51130088	185	193	61
108	-	1	511300108	250	258	76

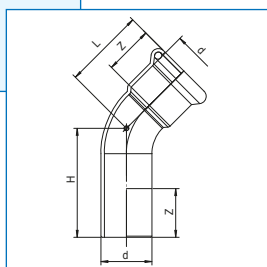


Art. 511400

- Curva 45°.
- 45° elbow.
- Courbe 45°.
- Bogen 45°.
- Curva 45°.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	51140015	31	19
18	10	250	51140018	32	19,5
22	5	120	51140022	38	21
28	5	60	51140028	41	22
35	5	50	51140035	52	27
42	2	24	51140042	66,3	30
54	2	16	51140054	86,3	35
76,1	1	5	51140076	101	54
88,9	1	3	51140088	116	61
108	1	2	51140108	153	76

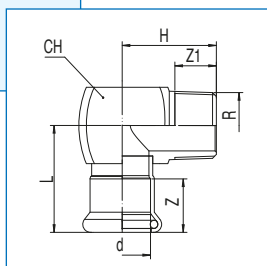


Art. 511500

- Curva 45° M/F.
- M/F 45° elbow.
- Courbe 45° mâle/femelle.
- Bogen 45° I/A.
- Curva 45° macho/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	H	Z
15	10	250	51150015	31	37,5	19
18	10	250	51150018	32	38,5	19,5
22	5	120	51150022	38	47	21
28	5	60	51150028	41	50,5	22
35	5	40	51150035	52	58,5	27
42	2	24	51150042	66,3	72,8	30
54	2	16	51150054	86,3	93,3	35
76,1	1	7	51150076	103	109	54
88,9	1	3	51150088	116	124	61
108	1	2	51150108	153	161	76

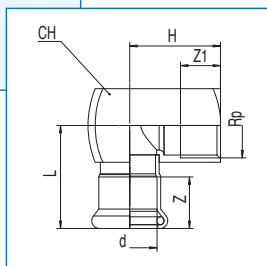


Art. 511600

- Gomito misto - filetto maschio.
- 90° male angle adaptor.
- Coude mâle.
- Übergangswinkel AG.
- Codo mixto - roscado macho.

LBP

d-R	SAC.	MASTER BOX	CODICE CODE	L	H	Z	Z1	CH
15-R 3/8"	10	200	5116001503	35	35,5	20	15	24
15-R 1/2"	10	200	5116001504	34,5	35,5	20	15	24
18-R 1/2"	10	150	5116001804	36,5	35,5	20	15	24
18-R 3/4"	10	100	5116001805	39,5	37	20	16,3	30
22-R 3/4"	5	100	5116002205	42,5	37	21	16,3	30

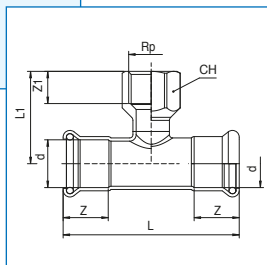


Art. 511700

- Gomito misto - filetto femmina.
- 90° female angle adaptor.
- Coude femelle.
- Übergangswinkel IG.
- Codo mixto - roscado hembra.

LBP

d-Rp	SAC.	MASTER BOX	CODICE CODE	L	H	Z	Z1	CH
15-Rp 1/2"	10	180	5117001504	34,5	35,5	20	15	24
18-Rp 1/2"	10	120	5117001804	36,5	35,5	20	15	24
22-Rp 3/4"	5	100	5117002205	42,5	37	21	16,3	30
28-Rp 1/2"	5	60	5117002804	45	40,5	23	15	32

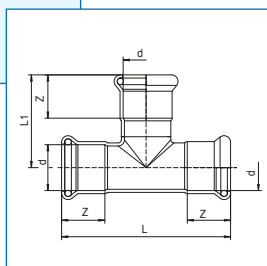


Art. 513100

- "T" con derivazione - filetto femmina.
- "T" with female thread derivation.
- "T" femelle.
- T-Stück IG.
- "T" con derivación - rosca hembra.

LBP

d-Rp-d	SAC.	MASTER BOX	CODICE CODE	L	L1	Z	Z1	CH
15-Rp 1/2"-15	10	160	513100150415	68	40	19	15	24
18-Rp 1/2"-18	10	160	513100180418	69	42	19,5	15	24
22-Rp 1/2"-22	5	100	513100220422	82	44,5	21	15	24
22-Rp 3/4"-22	5	75	513100220522	82	44,5	21	16,3	30
28-Rp 1/2"-28	5	60	513100280428	90	48	22	15	24
28-Rp 3/4"-28	5	60	513100280528	90	49	22	16,3	30
35-Rp 1/2"-35	5	40	513100350435	107	51	27	15	24
35-Rp 3/4"-35	5	40	513100350535	107	51	27	16,3	30
42-Rp 1/2"-42	2	30	513100420442	117	54	30	15	24
42-Rp 3/4"-42	2	24	513100420542	117	55	30	16,3	30
54-Rp 1/2"-54	2	16	513100540454	145	60	35	15	24
54-Rp 3/4"-54	2	16	513100540554	145	61	35	16,3	30
76,1-Rp 3/4"-76,1	1	6	513100760576	232	72	54	16,3	30
88,9-Rp 3/4"-88,9	1	3	513100880588	243	78	61	16,3	30
108-Rp 3/4"-108	1	2	51310010805108	310	90	76	16,3	30

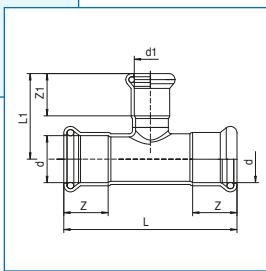
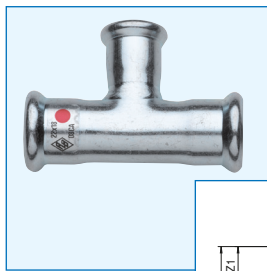


Art. 513200

- "T".
- Equal "T".
- "T" egal.
- T-Stück.
- "T".

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	L1	Z
15	10	150	51320015	68	35	19
18	10	150	51320018	69,5	39,5	19,5
22	5	90	51320022	82	44,5	21
28	5	50	51320028	90	50,5	22
35	5	30	51320035	107	59,5	27
42	2	24	51320042	117	65	30
54	2	14	51320054	144,5	77	35
76,1	1	4	51320076	232	112	54
88,9	1	2	51320088	243	133,5	61
108	-	1	513200108	310	158	76

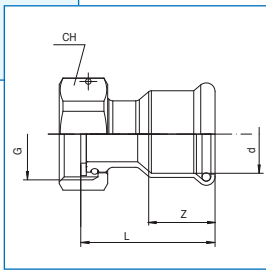


Art. 513300

- "T" ridotto.
- Reducing "T".
- "T" réduit.
- T-Stück reduziert.
- "T" reducido.

LBP

d-d1-d	SAC.	MASTER BOX	CODICE CODE	L	L1	Z	Z1
18-15-18	10	160	513300181518	68	37,5	19,5	19
22-15-22	10	100	513300221522	82	40	21	19
22-18-22	10	120	513300221822	82	41,5	21	19,5
28-15-28	5	100	513300281528	90	43,5	22	19
28-18-28	5	70	513300281828	90	45,5	22	19,5
28-22-28	5	70	513300282228	90	48,5	22	21
35-15-35	5	50	513300351535	107	46	27	19
35-18-35	5	50	513300351835	107	48	27	19,5
35-22-35	5	40	513300352235	107	51	27	21
35-28-35	5	40	513300352835	107	52,5	27	22
42-22-42	2	30	513300422242	117	54,5	30	21
42-28-42	2	24	513300422842	117	56	30	22
42-35-42	2	24	513300423542	117	63	30	27
54-22-54	2	16	513300542254	144,5	60,5	35	21
54-28-54	2	16	513300542854	144,5	62	35	22
54-35-54	2	16	513300543554	144,5	70	35	27
54-42-54	2	16	513300544254	144,5	72	35	30
76,1-35-76,1	1	4	513300763576	232	80	54	27
76,1-54-76,1	1	4	513300765476	232	88	54	35
88-35-88	1	3	513300883588	243	86,5	61	27
88-54-88	1	3	513300885488	243	94,5	61	35
88,9-76,1-88,9	1	2	513300887688	243	118,5	61	54
108-35-108	1	2	51330010835108	310	96	76	27
108-42-108	1	2	51330010842108	310	98	76	30
108-54-108	1	2	51330010854108	310	104	76	35
108-76-108	-	1	51330010876108	310	128	76	54
108-88,9-108	-	1	51330010888108	310	140	76	61

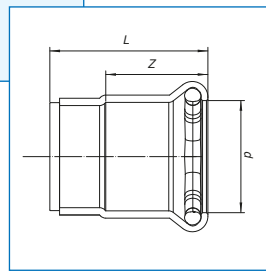


Art. 515000

- Raccordo con girello in ottone.
- Valve connector with a swivel nut in brass.
- Raccord avec ecrou en laiton.
- Fitting mit Überwurfmutter/Messing.
- Conexión con pivote en latón.

LBP

d x G	SAC.	MASTER BOX	CODICE CODE	CH	L	Z
15 x 3/4"	10	200	5150001505	30	31,5	19
18 x 3/4"	10	200	5150001805	30	31,5	19,5
22 x 3/4"	5	100	5150002205	30	43,5	21
22 x 1"1/2	5	60	5150002208	52	31	21
28 x 1"	5	80	5150002806	37	48,5	22
28 x 1"1/2	5	60	5150002808	52	31	22
35 x 1"1/4	5	60	5150003507	47	56,5	27
35 x 1"1/2	5	50	5150003508	52	38	27
42 x 1"1/2	2	54	5150004208	52	61	30
54 x 2"	2	30	5150005410	64	71,5	35

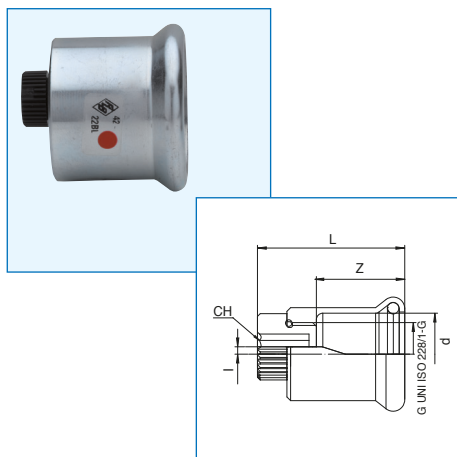


Art. 515300

- Tappo.
- Plug.
- Bouchon.
- Stopfen.
- Tapón.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	5	250	51530015	27,5	19
18	5	250	51530018	29,5	19,5
22	5	200	51530022	32,5	21
28	5	200	51530028	34	22
35	5	150	51530035	41	27
42	2	100	51530042	43	30
54	2	50	51530054	49	35
76,1	1	24	51530076	73	54
88,9	1	18	51530088	85	61
108	1	6	515300108	101	76

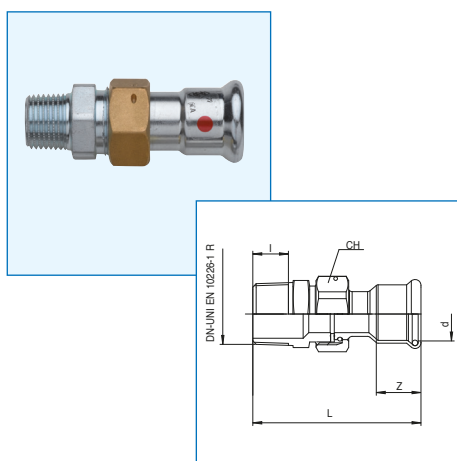


Art. 515310

- Tappo con sfogo aria.
- Plug with air vent.
- Bouchon de fuite.
- Kappe mit Entlüftung.
- Tapón con abertura por aire.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	5	50	51531015	34,5	19
18	5	400	51531018	34,5	19,5
22	5	300	51531022	36	21
28	5	200	51531028	38	22
35	5	150	51531035	42,5	27
42	2	60	51531042	45,5	30
54	2	120	51531054	50,5	35

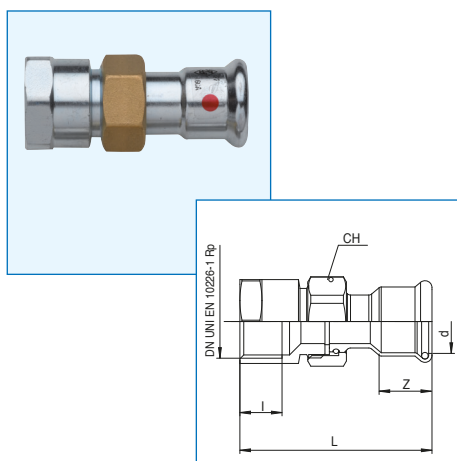


Art. 515400

- Bocchettone a sede piana filetto maschio con girello in ottone.
- Socket union with flat seat, thread male with brass nut.
- Raccord trois pièces à siège plan, taraudée mâle avec écrou en laiton.
- Übergangverschraubung flachdichtend mit AG und Messing Überwurfmutter.
- Conduco a sede llana con rosca macho y arandela en latón.

LBP

d x R	SAC.	MASTER BOX	CODICE CODE	I	L	Z	CH
15-R 1/2"	10	150	5154001504	15	68	19	30
15-R 3/4"	10	150	5154001505	16,3	69	19	30
18-R 1/2"	10	150	5154001804	15	68	19,5	30
18-R 3/4"	10	120	5154001805	16,3	69	19,5	30
22-R 1/2"	5	120	5154002204	15	80	21	30
22-R 3/4"	5	100	5154002205	16,3	81	21	30
22-R 1"	5	100	5154002206	19,1	85	21	30
28-R 1"	5	80	5154002806	19,1	90	22	37
35-R 1"1/4	5	40	5154003507	21,4	103,5	27	47
42-R 1"1/2	2	40	5154004208	21,4	108	30	52
54-R 2"	2	20	5154005410	25,7	128,5	35	65

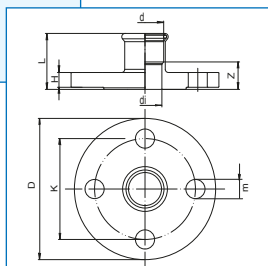
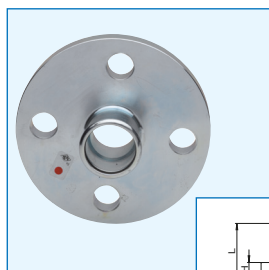


Art. 515500

- Bocchettone a sede piana filetto femmina con girello in ottone.
- Socket union with flat seat, thread female with brass nut.
- Raccord trois pièces à siège plan, taraudée femelle avec écrou en laiton.
- Übergangverschraubung flachdichtend mit IG und Messing Überwurfmutter.
- Conduco a sede llana con rosca hembra y arandela en latón.

LBP

d x R	SAC.	MASTER BOX	CODICE CODE	I	L	Z	CH
15-Rp 1/2"	10	150	5155001504	15	62	19	30
18-Rp 1/2"	10	120	5155001804	15	62	19,5	30
18-Rp 3/4"	10	120	5155001805	16,3	65	19,5	30
22-Rp 3/4"	5	100	5155002205	16,3	77	21	30
22-Rp 1"	5	100	5155002206	19,1	84,5	21	30
28-Rp 1"	5	80	5155002806	19,1	87	22	37
35-Rp 1"1/4	5	40	5155003507	21,4	100	27	46
42-Rp 1"1/2	2	30	5155004208	21,4	105	30	52
54-Rp 2"	2	20	5155005410	25,7	124,5	35	64

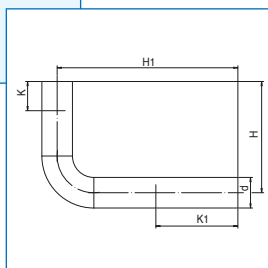
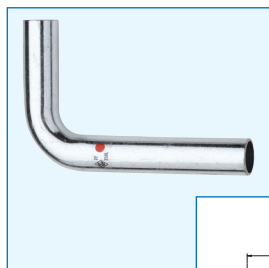


Art. 515600

- Manicotto flangiato PN10/16.
- Flanged joint PN10/16.
- Joint avec bride PN10/16.
- Flanschadapter PN10/16.
- Manguito bridado PN10/16.

LBP

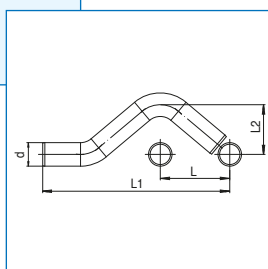
d	SAC.	MASTER BOX	CODICE CODE	D	di	L	H	m	K	Z
35	2	20	51560035	140	32	53	14	18	100	26
42	2	10	51560042	150	39	56,5	13	18	110	26,5
54	2	10	51560054	165	51	65	15	18	125	30
76,1	1	5	51560076	185	72	72	15	18	145	18
88,9	1	3	51560088	200	85	78	17	18	160	20
108	1	2	51560108	220	104	96	17	18	180	20



Art. 516000

- Tubo curvo 90°.
- 90° elbow with plain ends.
- Tube coude 90°.
- Passbogen 90°.
- Tubo curvo a 90°.

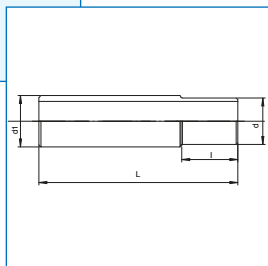
d	SAC.	MASTER BOX	CODICE CODE	H1	H	K	K1
15	5	150	51600015	120	70	20	72
18	5	100	51600018	120	70	20	67
22	5	75	51600022	125	85	21	59
28	5	60	51600028	125	97	23	47
35	5	50	51600035	200	120	27	110
42	2	20	51600042	250	150	30	144
54	2	8	51600054	300	200	35	165



Art. 516700

- Scavalcamento corto.
- Pre-formed pipebridge.
- Clarinette.
- Sprungbogen.
- Puente corta de conexión .

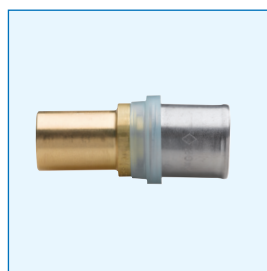
d	SAC.	MASTER BOX	CODICE CODE	L1	L2	L
15	5	125	51670015	145	42	57
18	5	100	51670018	162	44	60
22	5	75	51670022	175	46	65
28	5	30	51670028	226	52	74



Art. 516800

- Raccordo intermedio.
- Steel adapter sweat/press connection.
- Adapteur en acier à presser/sauder.
- Einschweissende.
- Conexión intermedia.

d-d1	SAC.	MASTER BOX	CODICE CODE	L	I
15-17	5	200	51680015	120	30
18-20	5	125	51680018	120	30
22-24	5	100	51680022	120	34
28-31	5	50	51680028	120	34
35-38	5	150	51680035	120	40
42-44,5	2	40	51680042	120	45
54-57	2	20	51680054	120	50
76,1-80	1	10	51680076	230	75
88,9-95	1	4	51680088	230	80
108-114	1	3	51680108	230	95



Art. 500600






- Raccordo di transizione multistrato/acciaio.
- Connection fitting multilayer/steel.
- Raccord de connexion multicouche/acier.
- Übergangsfitting Mehrschichtverbund/Stahl.
- Conexión de transición multicapa/acero.

VEDI PAGINA 329 - SEE PAGE 329 - BITTE SEHEN SIE UM SEITE 329
VOIR PAGE 329 - VER A LA PAGINA 329

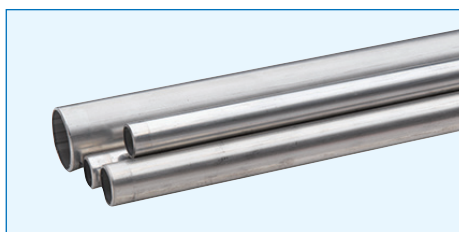
**BREVETTATO
PATENTED**








Art. 52T001•

-  Tubo in acciaio inossidabile AISI 316L ricotto.
-  Stainless steel annealed pipe AISI 316L.
-  Tube en acier inoxydable AISI 316L recuit.
-  Edelstahlrohr gegläht AISI316L Stangenmaterial.
-  Tubo en acero inoxidable AISI 316L recocado.

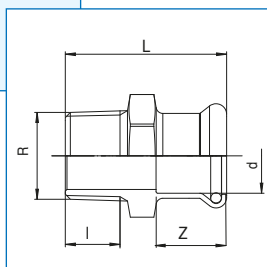
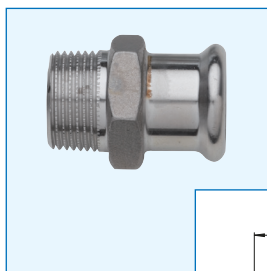
MISURA SIZE	SP	m/BARRA m/BAR	m/FASCIO m/ BUNCH	CODICE CODE
15	1	6	1.014	52T00115
18	1	6	1.014	52T00118
22	1,2	6	762	52T00122
28	1,2	6	546	52T00128
35	1,5	6	546	52T00135
42	1,5	6	366	52T00142
54	1,5	6	366	52T00154
76,1	2	6	222	52T00176
88,9	2	6	114	52T00188
108	2	6	114	52T001108



Art. 52T011•

-  Tubo in acciaio inossidabile AISI 316L crudo.
-  Stainless steel raw pipe AISI 316L.
-  Tube en acier inoxydable AISI 316L cru.
-  Edelstahlrohr unbearbeitet AISI316L Stangenmaterial.
-  Tubo en acero inoxidable AISI 316L crudo.

MISURA SIZE	SP	m/BARRA m/BAR	m/FASCIO m/ BUNCH	CODICE CODE
15	1	6	1.014	52T01115
18	1	6	1.014	52T01118
22	1,2	6	1.014	52T01122
28	1,2	6	546	52T01128
35	1,5	6	360	52T01135
42	1,5	6	234	52T01142
54	1,5	6	234	52T01154
76,1	2	6	168	52T01176
88,9	2	6	138	52T01188
108	2	6	114	52T011108

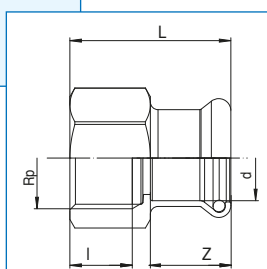


Art. 520000

- Manicotto misto - filetto maschio.
- Male adaptor.
- Manchon mâle.
- Übergangsstück AG.
- Manguito mixto - roscado macho.

LBP

d-R	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-R 1/2"	10	300	5200001504	44	19	15
15-R 3/4"	10	200	5200001505	46	19	16,3
18-R 1/2"	10	250	5200001804	45	19,5	15
18-R 3/4"	10	200	5200001805	47	19,5	16,3
22-R 1/2"	5	150	5200002204	47	21	15
22-R 3/4"	5	150	5200002205	46	21	16,3
22-R 1"	5	150	5200002206	51	21	19,1
28-R 3/4"	5	150	5200002805	50	22	16,3
28-R 1"	5	100	5200002806	53	22	19,1
28-R 1"1/4	5	90	5200002807	60	22	21,4
35-R 1"	5	90	5200003506	59	27	19,1
35-R 1"1/4	5	70	5200003507	60	27	21,4
35-R 1"1/2	5	60	5200003508	61	27	21,4
42-R 1"1/4	2	40	5200004207	63	30	21,4
42-R 1"1/2	2	40	5200004208	63	30	21,4
54-R 1"1/2	2	30	5200005408	70	35	21,4
54-R 2"	2	28	5200005410	73	35	25,7
76,1-R 2"1/2	1	10	5200007612	101	54	30,2
88,9-R 3"	1	10	5200008814	108	61	33,3

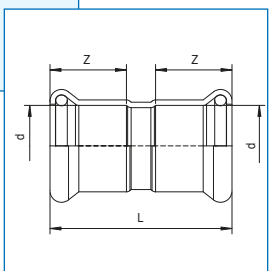


Art. 520100

- Manicotto misto - filetto femmina.
- Female adaptor.
- Manchon femelle.
- Übergangsstück IG.
- Manguito mixto - roscado hembra.

LBP

d-Rp	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-Rp 1/2"	10	200	5201001504	41	19	15
15-Rp 3/4"	10	200	5201001505	42	19	16,3
18-Rp 1/2"	10	200	5201001804	41	19,5	15
18-Rp 3/4"	10	200	5201001805	42	19,5	16,3
22-Rp 1/2"	5	150	5201002204	39	21	15
22-Rp 3/4"	5	150	5201002205	42	21	16,3
22-Rp 1"	5	120	5201002206	46	21	19,1
28-Rp 1/2"	5	100	5201002804	39	22	15
28-Rp 3/4"	5	100	5201002805	44	22	16,3
28-Rp 1"	5	100	5201002806	47,5	22	19,1
28-Rp 1"1/4	5	90	5201002807	49,5	22	21,4
35-Rp 1"	5	70	5201003506	49	27	19,1
35-Rp 1"1/4	5	75	5201003507	54	27	21,4
35-Rp 1"1/2	5	60	5201003508	55	27	21,4
42-Rp 1"1/4	2	50	5201004207	55	30	21,4
42-Rp 1"1/2	2	30	5201004208	58	30	21,4
54-Rp 1"1/2	2	24	5201005408	60	35	21,4
54-Rp 2"	2	30	5201005410	67	35	25,7

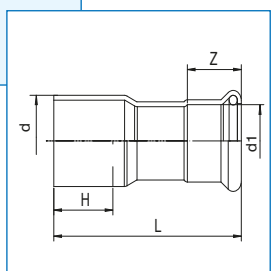
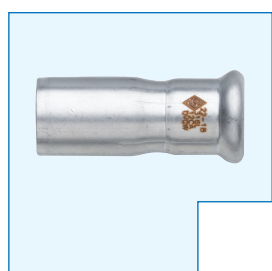


Art. 520200

- Manicotto con battuta.
- Joint with folder.
- Manchon avec flexion.
- Muffe.
- Manguito con remate.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	52020015	48	19
18	10	250	52020018	49,5	19,5
22	5	200	52020022	51	21
28	5	100	52020028	55	22
35	5	75	52020035	68,5	27
42	2	46	52020042	78,5	30
54	2	28	52020054	90	35
76,1	1	10	52020076	130,5	54
88,9	1	8	52020088	147	61
108	1	3	520200108	189	76

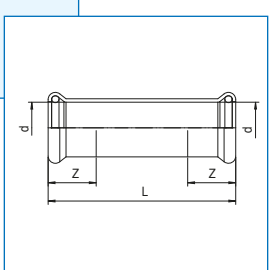


Art. 520400

- Riduzione M/F.
- M/F reducer.
- Réduction mâle/femelle.
- Reduziertstück.
- Reducción macho/hembra.

LBP

d-d1	SAC.	MASTER BOX	CODICE CODE	L	H	Z
18-15	10	250	5204001815	54	19,5	19
22-15	10	250	5204002215	64	21	19
22-18	10	250	5204002218	60	21	19,5
28-15	10	200	5204002815	70	22	19
28-18	10	200	5204002818	70	22	19,5
28-22	5	150	5204002822	69	22	21
35-22	5	100	5204003522	71,5	27	21
35-28	5	100	5204003528	72	27	22
42-22	2	80	5204004222	89	30	21
42-28	2	80	5204004228	77	30	22
42-35	2	60	5204004235	80	30	27
54-28	2	40	5204005428	107,5	35	22
54-35	2	40	5204005435	104	35	27
54-42	2	30	5204005442	98	35	30
76,1-54	1	15	5204007654	144	54	35
88,9-54	1	12	5204008854	171	61	35
88,9-76,1	1	10	5204008876	160	61	54
108-54	1	3	52040010854	217	76	35
108-76,1	1	5	52040010876	210	76	54
108-88,9	1	4	52040010888	199	76	61

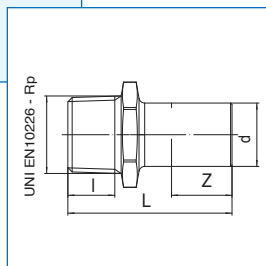
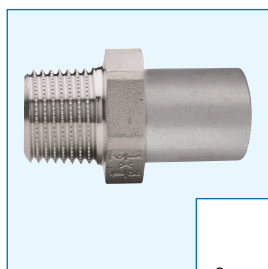


Art. 520500

- Manicotto passante.
- Slip coupling.
- Manchon de connexion.
- Schiebemuffe.
- Manguito de paso.

LBP

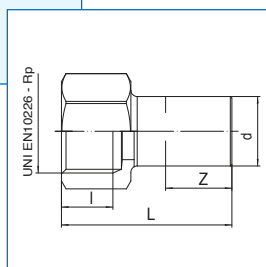
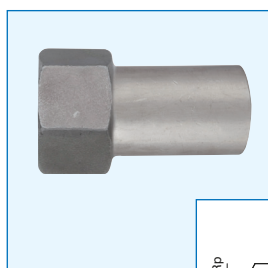
d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	52050015	71	19
18	10	250	52050018	77	19,5
22	5	125	52050022	82	21
28	5	75	52050028	90	22
35	5	50	52050035	98	27
42	2	24	52050042	116	30
54	2	16	52050054	141	35
76,1	1	4	52050076	232,5	54
88,9	1	3	52050088	255	61
108	1	2	520500108	315,5	76



Art. 520800

- Manicotto maschio - filetto maschio.
- Male adaptor - male thread.
- Manchon mâle - taraudée mâle.
- Übergangsfitting AG.
- Manguito macho - roscado macho.

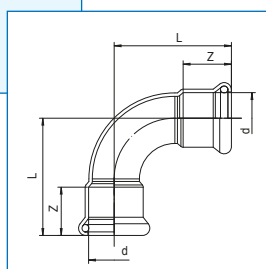
d-Rp	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-Rp 1/2"	10	300	5208001504	52	19	15
18-Rp 1/2"	10	250	5208001804	52	19,5	15
18-Rp 3/4"	10	200	5208001805	56	19,5	16,3
22-Rp 1/2"	5	150	5208002204	53,5	21	15
22-Rp-3/4"	5	150	5208002205	57	21	16,3
28-Rp 3/4"	5	150	5208002805	57	22	16,3



Art. 520900

- Manicotto maschio - filetto femmina.
- Male adaptor - female thread.
- Manchon mâle - taraudée femelle.
- Übergangsfitting IG.
- Manguito macho - roscado hembra.

d-Rp	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-Rp 1/2"	10	200	5209001504	51	19	15
18-Rp 1/2"	10	200	5209001804	50,5	19,5	15
18-Rp 3/4"	10	200	5209001805	52	19,5	16,3
22-Rp 1/2"	5	150	5209002204	51	21	15
22-Rp-3/4"	5	150	5209002205	54	21	16,3
28-Rp 3/4"	5	100	5209002805	54,5	22	16,3

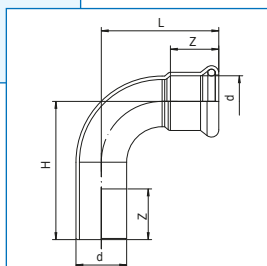


Art. 521200

- Curva 90° F/F.
- F/F 90° elbow.
- Courbe 90° femelle/femelle.
- Bogen 90°.
- Curva 90° hembra/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	52120015	41	19
18	10	200	52120018	45	19,5
22	5	125	52120022	51	21
28	5	70	52120028	60,5	22
35	5	40	52120035	76,5	27
42	2	20	52120042	95,9	30
54	2	8	52120054	124,3	35
76,1	1	5	52120076	160	54
88,9	1	2	52120088	185	61
108	-	1	521200108	250	76

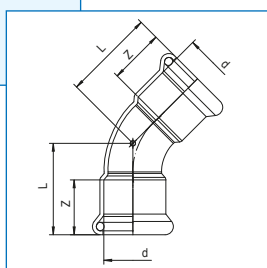


Art. 521300

- Curva 90° M/F.
- M/F 90° elbow.
- Courbe 90° mâle/femelle.
- Bogen 90° I/A.
- Curva 90° macho/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	H	Z
15	10	250	52130015	41	47,5	19
18	10	250	52130018	45	51,5	19,5
22	5	120	52130022	51	57,5	21
28	5	60	52130028	60,5	66,5	22
35	5	40	52130035	76,5	83	27
42	2	20	52130042	96	102,5	30
54	2	12	52130054	124,5	131,5	35
76,1	1	5	52130076	160	166	54
88,9	1	2	52130088	185	193	61
108	-	1	521300108	250	258	76

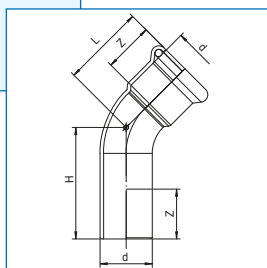


Art. 521400

- Curva 45° F/F.
- F/F 45° elbow.
- Courbe 45° femelle/femelle.
- Bogen 45°.
- Curva 45° hembra/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	52140015	31	19
18	10	250	52140018	32	19,5
22	5	120	52140022	38	21
28	5	60	52140028	41	22
35	5	50	52140035	52	27
42	2	24	52140042	66,3	30
54	2	16	52140054	86,3	35
76,1	1	5	52140076	101	54
88,9	1	3	52140088	116	61
108	1	2	521400108	153	76

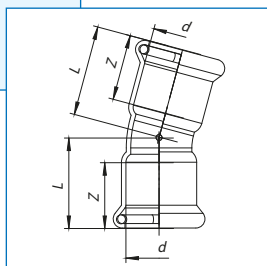


Art. 521500

- Curva 45° M/F.
- M/F 45° elbow.
- Courbe 45° mâle/femelle.
- Bogen 45° I/A.
- Curva 45° macho/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	H	Z
15	10	250	52150015	31	37,5	19
18	10	250	52150018	32	38,5	19,5
22	5	120	52150022	38	47	21
28	5	60	52150028	41	50,5	22
35	5	40	52150035	52	58,5	27
42	2	24	52150042	66,3	72,8	30
54	2	16	52150054	86,3	93,3	35
76,1	1	9	52150076	103	109	54
88,9	1	3	52150088	116	124	61
108	1	2	521500108	153	161	76

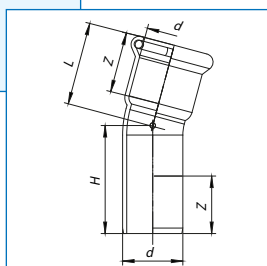


Art. 522600

- Curva doppia 15° F/F.
- F/F 15° double elbow.
- Courbe double 15° F/F.
- Doppelter Winkelstück 15°.
- Curva doble 15° hembra/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	52260015	30	19
18	10	250	52260018	26,2	19,5
22	5	120	52260022	30,5	21
28	5	60	52260028	30	22
35	5	40	52260035	55,5	27
42	2	28	52260042	66,2	30
54	2	16	52260054	81,5	35
76,1	1	6	52260076	77,5	54
88,9	1	6	52260088	86	61
108	1	3	52260108	109,3	76

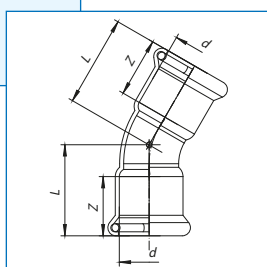


Art. 522700

- Curva doppia 15° M/F.
- M/F 15° double elbow.
- Courbe double 15° M/F.
- Doppelter Winkelstück 15° I/A.
- Curva doble 15° macho/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	H	Z
15	10	250	52270015	30	36,5	19
18	10	250	52270018	26,2	32,7	19,5
22	5	120	52270022	30,5	37,5	21
28	5	60	52270028	30	39	22
35	5	40	52270035	55,5	62	27
42	2	30	52270042	68,2	72,7	30
54	2	16	52270054	81,5	88	35
76,1	1	6	52270076	75,5	83,5	54
88,9	1	6	52270088	86	94	61
108	1	3	52270108	109,3	117,3	76

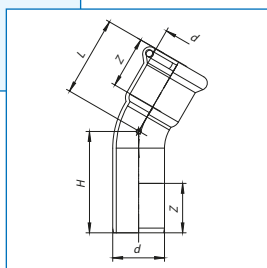


Art. 522800

- Curva doppia 30° F/F.
- F/F 30° double elbow.
- Courbe double 30° F/F.
- Doppelter Winkelstück 30°.
- Curva doble 30° hembra/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	52280015	32,5	19
18	10	250	52280018	29,5	19,5
22	5	120	52800022	34	21
28	5	60	52280028	36	22
35	5	40	52280035	61,3	27
42	2	30	52280042	75,8	30
54	2	16	52280054	90,5	35
76,1	1	6	52280076	90,5	54
88,9	1	3	52280088	101,5	61
108	1	2	522800108	131,4	76

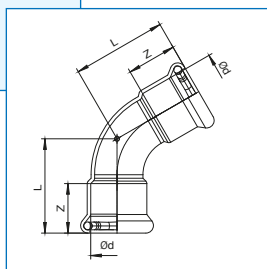


Art. 522900

- Curva doppia 30° M/F.
- M/F 30° double elbow.
- Courbe double 30° M/F.
- Doppelter Winkelstück 30° I/A.
- Curva doble 30° macho/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	H	Z
15	10	250	52290015	32,5	39	19
18	10	250	52290018	29,5	36	19,5
22	5	120	52290022	34	41	21
28	5	60	52290028	36	42	22
35	5	40	52290035	61,3	67,8	27
42	2	28	52290042	75,8	80,1	30
54	2	16	52290054	90,5	97	35
76,1	1	6	52290076	88,5	96,5	54
88,9	1	3	52290088	101,5	109,5	61
108	1	2	52290108	131,4	139,4	76

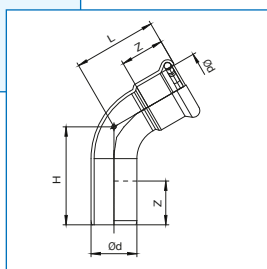


Art. 523800

- Curva doppia 60° F/F.
- F/F 60° double elbow.
- Courbe double 60° F/F.
- Doppelter Winkelstück 60°.
- Curva doble 60° hembra/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	52380015	34	19
18	10	250	52380018	36	19,5
22	5	120	52380022	42,5	21
28	5	60	52380028	46,5	22
35	5	50	52380035	69	27
42	2	24	52380042	88,5	30
54	2	16	52380054	112,5	35
76,1	1	5	52380076	120	54
88,9	1	3	52380088	137	61
108	1	2	52380108	181,5	76

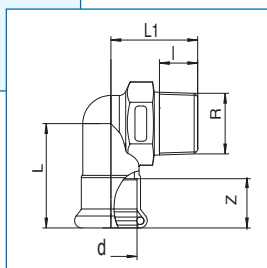
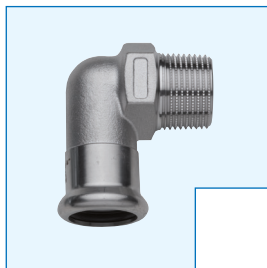


Art. 523900

- Curva doppia 60° M/F.
- M/F 60° double elbow.
- Courbe double 60° M/F.
- Doppelter Winkelstück 60° I/A.
- Curva doble 60° macho/hembra.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	H	Z
15	10	250	52390015	34	40,5	19
18	10	250	52390018	36	42,5	19,5
22	5	120	52390022	42,5	49,5	21
28	5	60	52390028	46,5	54	22
35	5	50	52390035	69	75,5	27
42	2	24	52390042	88,5	95	30
54	2	16	52390054	112,5	119	35
76,1	1	5	52390076	120	126	54
88,9	1	3	52390088	137	145	61
108	1	2	52390108	181,5	189,5	76

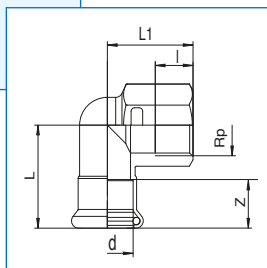


Art. 521600

- Gomito misto - filetto maschio.
- 90° male angle adaptor.
- Coude mâle.
- Winkeladapter 90° AG.
- Codo mixto - roscado macho .

LBP

d-R	SAC.	MASTER BOX	CODICE CODE	L	L1	Z	I
15-R 1/2"	10	200	5216001504	40	35,5	19	15
18-R 1/2"	10	150	5216001804	40	35,5	19,5	15
22-R 3/4"	5	100	5216002205	44,5	37	21	16,3
28-R 1"	5	50	5216002806	50	48	22	19,1
35-R 1"1/4	5	40	5216003507	60	48	27	21,4
42-R 1"1/2	2	28	5216004208	66	53	30	21,4
54-R 2"	2	16	5216005410	78	62	35	25,5

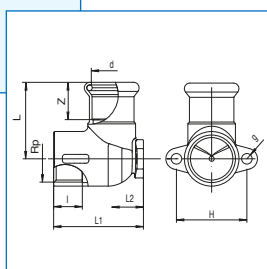


Art. 521700

- Gomito misto - filetto femmina.
- 90° female angle adaptor.
- Coude femelle.
- Winkeladapter 90° IG.
- Codo mixto - roscado hembra.

LBP

d-Rp	SAC.	MASTER BOX	CODICE CODE	L	L1	Z	Z1
15-Rp 1/2"	10	180	5217001504	40	35,5	19	15
18-Rp 1/2"	10	120	5217001804	40	35,5	19,5	15
22-Rp 3/4"	5	100	5217002205	44,5	37	21	16,3
28-Rp 1"	5	40	5217002806	50	54	22	19,1
35-Rp 1"1/4	5	40	5217003507	60	62	27	21,4

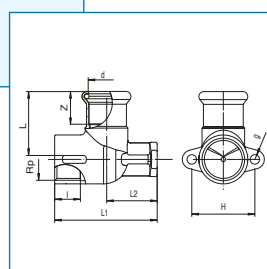


Art. 522000

- Gomito misto filetto femmina con flangia.
- 90° female elbow with wallplate.
- Applique coude.
- Wandwinkel kurz.
- Codo mixto roscado hembra con brida.

LBP

d-Rp	SAC.	MASTER BOX	CODICE CODE	L	L1	L2	Z	I	H	g
15-Rp 1/2"	10	80	5220001504	38	43	12	20	15	34	5
18-Rp 1/2"	10	80	5220001804	38	43	12	20	15	34	5
22-Rp 3/4"	5	80	5220002205	43	51	18	21	16,3	40	6

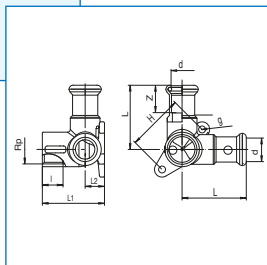


Art. 522100

- Gomito misto filetto femmina con flangia distanziata.
- 90° female elbow with long wallplate.
- Applique coude.
- Wandwinkel lang.
- Codo mixto con brida larga.

LBP

d-Rp	SAC.	MASTER BOX	CODICE CODE	L	L1	L2	Z	I	H	g
15-Rp 1/2"	10	80	5221001504	38	65	34	20	15	40	6
18-Rp 1/2"	10	80	5221001804	38	65	34	20	15	40	6
22-Rp 3/4"	5	50	5221002205	43	65	32	21	16,3	40	6

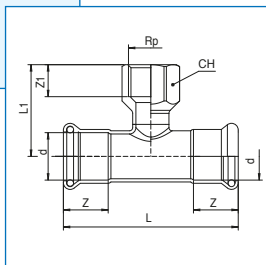


Art. 522200

- Trivio 90° filetto femmina con flangia.
- Female corner with wallplate.
- Applique double femelle.
- Doppelt Wandwinkel, IG.
- Doble brida roscada hembra.

LBP

d-Rp	SAC.	MASTER BOX	CODICE CODE	L	L1	L2	Z	Z1	H	g
15 x Rp 1/2"	10	80	5222001504	46,5	45	14	20	15	41	5

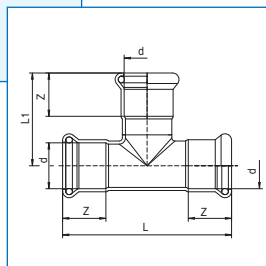


Art. 523100

- Tee - filetto femmina.
- Female Tee threaded adaptor.
- Tee femelle.
- T-Stück IG.
- Tee roscado hembra.

LBP

d-Rp-d	SAC.	MASTER BOX	CODICE CODE	L	L1	Z	Z1	CH
15-Rp 1/2"-15	10	160	523100150415	68	39,5	19	15	24
18-Rp 1/2"-18	10	160	523100180418	69	42	19,5	15	24
22-Rp 1/2"-22	5	100	523100220422	82	44,5	21	15	24
22-Rp 3/4"-22	5	75	523100220522	82	44,5	21	16,3	30
28-Rp 1/2"-28	5	60	523100280428	90	48	22	15	24
28-Rp 3/4"-28	5	60	523100280528	90	48,5	22	16,3	30
35-Rp 1/2"-35	5	40	523100350435	107	50,5	27	15	24
35-Rp 3/4"-35	5	40	523100350535	107	51	27	16,3	30
42-Rp 1/2"-42	2	30	523100420442	117	54	30	15	24
42-Rp 3/4"-42	2	24	523100420542	117	54,5	30	16,3	30
54-Rp 1/2"-54	2	16	523100540454	145	60	35	15	24
54-Rp 3/4"-54	2	16	523100540554	145	60,5	35	16,3	30
54-Rp 2"-54	2	10	523100541054	144,5	72	35	25,7	65
76,1-Rp 3/4"-76,1	1	6	523100760576	232	71,5	54	16,3	30
76,1-Rp 2"-76,1	1	4	523100761076	232	83	54	25,7	65
88,9-Rp 3/4"-88,9	1	3	523100880588	243	78	61	16,3	30
88,9-Rp 2"-88,9	1	3	523100881088	243	89,5	61	25,7	65
108-Rp 3/4"-108	1	2	52310010805108	310	89,5	76	16,3	30
108-Rp 2"-108	1	2	52310010810108	310	101	76	25,7	65

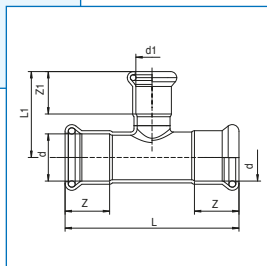


Art. 523200

- Tee.
- Equal Tee.
- Tee egal.
- T-Stück.
- Tee.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	L1	Z
15	10	150	52320015	68	35	19
18	10	150	52320018	69,5	39,5	19,5
22	5	90	52320022	82	44,5	21
28	5	50	52320028	90	50,5	22
35	5	30	52320035	107	59,5	27
42	2	24	52320042	117	65	30
54	2	14	52320054	144,5	77	35
76,1	1	4	52320076	232	112	54
88,9	1	2	52320088	243	133,5	61
108	-	1	523200108	310	158	76

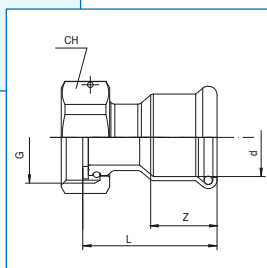


Art. 523300

- Tee ridotto.
- Reducing Tee.
- Tee réduit.
- T-Stück reduziert.
- Tee reducido.

LBP

d-d1-d	SAC.	MASTER BOX	CODICE CODE	L	L1	Z	Z1
18-15-18	10	160	523300181518	68	37,5	19,5	19
22-15-22	10	100	523300221522	82	40	21	19
22-18-22	10	120	523300221822	82	41,5	21	19,5
28-15-28	5	100	523300281528	90	43,5	22	19
28-18-28	5	70	523300281828	90	45,5	22	19,5
28-22-28	5	70	523300282228	90	48,5	22	21
35-15-35	5	50	523300351535	107	46	27	19
35-18-35	5	50	523300351835	107	48	27	19,5
35-22-35	5	40	523300352235	107	51	27	21
35-28-35	5	40	523300352835	107	52,5	27	22
42-15-42	2	24	523300421542	117	49,5	30	19
42-18-42	2	24	523300421842	117	51,5	30	19,5
42-22-42	2	30	523300422242	117	54,5	30	21
42-28-42	2	24	523300422842	117	56	30	22
42-35-42	2	24	523300423542	117	63	30	27
54-15-54	2	16	523300541554	144,5	55,5	35	19
54-18-54	2	16	523300541854	144,5	57,5	35	19,5
54-22-54	2	16	523300542254	144,5	60,5	35	21
54-28-54	2	16	523300542854	144,5	62	35	22
54-35-54	2	16	523300543554	144,5	70	35	27
54-42-54	2	16	523300544254	144,5	72	35	30
76,1-22-76,1	1	4	523300762276	232	71,5	54	21
76,1-28-76,1	1	4	523300762876	232	73	54	23
76,1-35-76,1	1	4	523300763576	232	80	54	27
76,1-42-76,1	1	4	523300764276	232	82	54	30
76,1-54-76,1	1	4	523300765476	232	88	54	35
88,9-22-88,9	1	3	523300882288	243	78	61	21
88,9-28-88,9	1	3	523300882888	243	79,5	61	23
88,9-35-88,9	1	3	523300883588	243	86,5	61	27
88,9-42-88,9	1	3	523300884288	243	88,5	61	30
88,9-54-88,9	1	3	523300885488	243	94,5	61	35
88,9-76,1-88,9	1	2	523300887688	243	118,5	61	54
108-22-108	1	2	52330010822108	310	87,5	76	21
108-28-108	1	2	52330010828108	310	89	76	23
108-35-108	1	2	52330010835108	310	96	76	27
108-42-108	1	2	52330010842108	310	98	76	30
108-54-108	1	2	52330010854108	310	104	76	35
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108-88,9-108	-	1	52330010888108	310	140	76	61

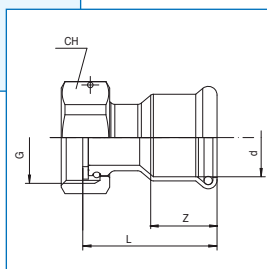


Art. 525000

- Raccordo con girello in ottone.
- Valve connector with a swivel nut in brass.
- Raccord avec ecrou en laiton.
- Fitting mit Überwurfmutter.
- Conexión con pivote en latón.

LBP

d-G	SAC.	MASTER BOX	CODICE CODE	CH	L	Z
15-G 3/4"	10	200	5250001505	30	31,5	19
18-G 3/4"	10	200	5250001805	30	31,5	19,5
22-G 3/4"	5	100	5250002205	30	43,5	21
22-G 1"	5	120	5250002206	37	29	21
28-G 1"	5	80	5250002806	37	48,5	22
28-G 1 1/4"	5	100	5250002807	47	34,5	22
35-G 1 1/4"	5	60	5250003507	47	56,5	27
35-G 1 1/2"	5	50	5250003508	52	38	27
42-G 1 1/2"	2	54	5250004208	52	61	30
42-G 1 3/4"	2	50	5250004209	60	40	30
54-G 2"	2	30	5250005410	64	71,5	35
54-G 2 3/8"	2	30	5250005411	75	46	35

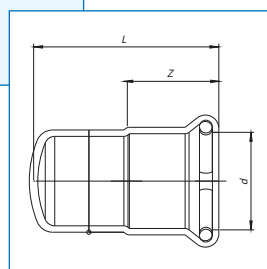


Art. 525001

- Raccordo con girello in inox.
- Valve connector with a swivel nut in inox.
- Raccord avec ecrou en inox.
- Fitting mit Edelstahl Überwurfmutter.
- Conexión con pivote en inox.

LBP

d-G	SAC.	MASTER BOX	CODICE CODE	CH	L	Z
15-G 3/4"	10	200	5250011505	30	31,5	19
18-G 3/4"	10	200	5250011805	30	31,5	19,5
22-G 1"	5	120	5250012206	37	29	21
28-G 1 1/4"	5	100	5250012807	47	34,5	22

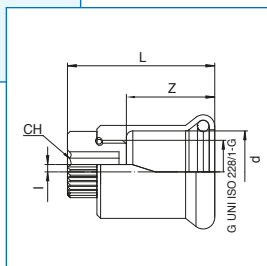


Art. 525300

- Tappo.
- Plug.
- Bouchon.
- Stopfen.
- Tapón.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	5	250	52530015	33,5	19
18	5	250	52530018	38	19,5
22	5	200	52530022	42,5	21
28	5	200	52530028	46	22
35	5	150	52530035	53	27
42	2	150	52530042	58	30
54	2	50	52530054	66	35
76,1	1	24	52530076	98	54
88,9	1	18	52530088	112	61
108	1	6	525300108	131	76

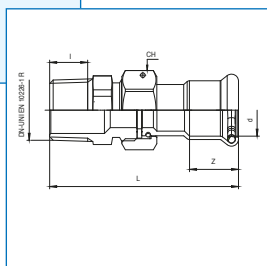
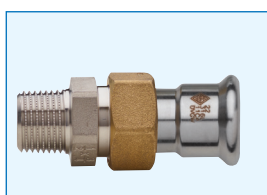


Art. 525310

- Tappo con sfogo aria.
- Plug with air vent.
- Bouchon de fuite.
- kappe mit entlüftung.
- Tapón con abertura por aire.

LBP

d	SAC.	MASTER BOX	CODICE CODE	CH	L	Z
15	5	500	52531015	6	34,5	19
18	5	400	52531018	6	34,5	19,5
22	5	300	52531022	6	36	21
28	5	200	52531028	6	38	22
35	5	150	52531035	6	42,5	27
42	2	60	52531042	6	45,5	30
54	2	60	52531054	6	50,5	35

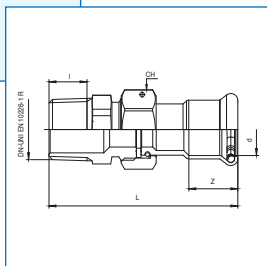
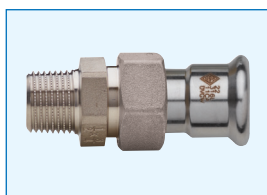


Art. 525400

- Bocchettone a sede piana filetto maschio.
- Flat seat joint with male thread.
- Joint à portée plate avec filetage male.
- Fitting Sitz Flachdichtung AG.
- Conducto a sede plana con rosca macho.

LBP

d-R	SAC.	MASTER BOX	CODICE CODE	CH	L	Z	I
15-R 1/2"	10	150	5254001504	30	68	19	15
15-R 3/4"	10	150	5254001505	30	69	19	16,3
18-R 1/2"	10	150	5254001804	30	68	19,5	15
18-R 3/4"	10	120	5254001805	30	69	19,5	16,3
22-R 1/2"	5	120	5254002204	30	80	21	15
22-R 3/4"	5	100	5254002205	30	81	21	16,3
22-R 1"	5	100	5254002206	30	85	21	19,1
28-R 1"	5	80	5254002806	37	90,5	22	19,1
35-R 1"1/4	5	40	5254003507	47	103,5	27	21,4
42-R 1"1/2	2	40	5254004208	52	108	30	21,4
54-R 2"	2	20	5254005410	65	128,5	35	25,7

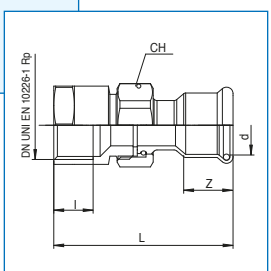
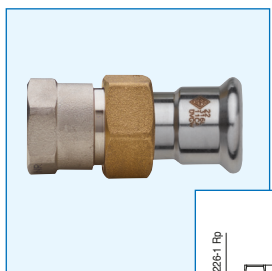


Art. 527200

- Bocchettone a sede piana filetto maschio con girlo in acciaio inox.
- Socket union with flat steel, thread male with inox steel nut.
- Raccord trois pièces à siège plan, taraudée mâle avec écrou en acier inox.
- Durchgangsverschraubung AG mit Flachdichtung und Edelstahl Überwurfmutter.
- Conducto a sede llana con rosca macho y arandela inox.

LBP

d-R	SAC.	MASTER BOX	CODICE CODE	CH	L	Z	I
15-R 1/2"	10	150	5272001504	30	68	19	15
22-R 3/4"	5	100	5272002205	38	68	21	16,3
28-R 1"	5	50	5272002806	46	82	22	19,1
35-R 1"1/4	5	40	5272003507	52	91	27	21,4
42-R 1"1/2	2	40	5272004208	60	91	30	21,4
54-R 2"	2	20	5272005410	76	105	35	25,7

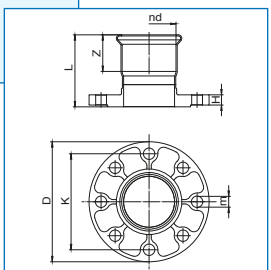
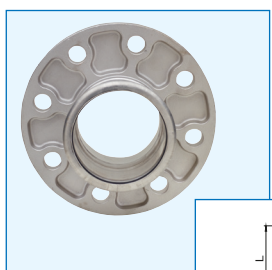


Art. 525500

- Bocchettone a sede piana filetto femmina.
- Flat seat filler with female thread.
- Joint à portée plate avec filetage femelle.
- Fitting Sitz Flachdichtung IG.
- Conducto a sede plana con rosca hembra.

LBP

d-Rp	SAC.	MASTER BOX	CODICE CODE	CH	L	Z	I
15-Rp 1/2"	10	150	5255001504	30	62	19	15
15-Rp 3/4"	10	150	5255001505	30	65	19	16,3
18-Rp 1/2"	10	120	5255001804	30	62	19,5	15
18-Rp 3/4"	10	120	5255001805	30	65	19,5	16,3
22-Rp 3/4"	5	100	5255002205	30	77	21	16,3
22-Rp 1"	5	100	5255002206	30	84,5	21	19,1
28-Rp 1"	5	80	5255002806	37	87	22	19,1
35-Rp 1"1/4	5	40	5255003507	46	100	27	21,4
42-Rp 1"1/2	2	30	5255004208	52	105	30	21,4
54-Rp 2"	2	20	5255005410	64	124,5	35	25,7

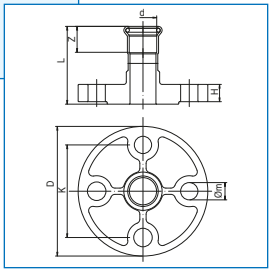
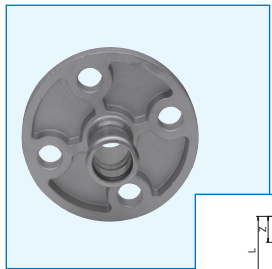


Art. 525600

- Manicotto flangiato PN10/16.
- Flanged joint PN10/16.
- Joint avec bride PN10/16.
- Flanschadapter PN10/16.
- Manguito bridado PN10/16.

LBP

d	SAC.	MASTER BOX	CODICE CODE	D	L	H	m	k	Z	N° FORI
15	5	40	52560015	95	56,5	12	14	65	19	4
18	5	40	52560018	95	58,5	12	14	65	19,5	4
22	5	25	52560022	105	63,5	14	14	75	21	4
28	2	20	52560028	115	65	14	14	85	22	4
35	2	20	52560035	140	72	14	18	100	27	4
42	2	10	52560042	150	74	13	18	110	30	4
54	2	8	52560054	165	82	15	18	125	35	4
76,1	1	5	52560076	185	106	15	18	145	54	4
88,9	1	3	52560088	200	120	17	18	160	61	8
108	1	2	525600108	220	136	17	18	180	76	8

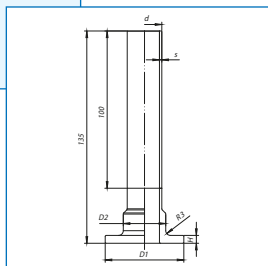


Art. 524600

- Manicotto flangiato PN6.
- Flanged joint PN6.
- Joint avec bride PN6.
- Flanschadapter PN6.
- Manguito bridado PN6.

LBP

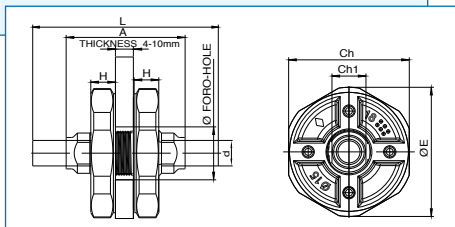
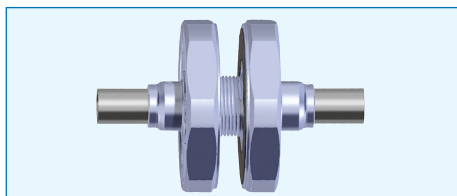
DN	d	SAC.	MASTER BOX	CODICE CODE	L	H	Z	D	K	m	N° FORI
10	15	5	40	52460015	54,5	10	19	80	55	11	4
15	18	5	40	52460018	56,5	10	19,5	80	55	11	4
20	22	5	40	52460022	61,5	12	21	90	65	11	4
25	28	2	20	52460028	63	12	22	100	75	11	4
32	35	2	40	52460035	70	12	27	120	90	14	4
40	42	2	30	52460042	72	12	30	130	100	14	4
50	54	2	20	52460054	78	12	35	140	110	14	4
65	76,1	1	5	52460076	102	12	54	160	130	14	4
80	88,9	1	3	52460088	116	14	61	190	150	18	4
100	108	1	2	524600108	132	14	76	210	170	18	4



Art. 525900

- Bocchello per flangia libera PN6-PN10/16.
- Collar for loose flanges PN6-PN10/16.
- Collier pour brides tournantes PN6-PN10/16.
- Flanschmuffe für losen Flansch PN6-PN10/16.
- Collar para bridas locas PN6-PN10/16.

d x D1	SAC.	MASTER BOX	CODICE CODE	PN	D2	H	s
22x50	2	52	5259002250	6	27,5	5	1
22x58	2	52	5259002258	10/16	27,5	5	1
28x60	2	36	5259002860	6	32,5	5	1,5
28x68	2	32	5259002868	10/16	32,5	5	1,5
35x70	2	28	5259003570	6	40,5	5	1,5
35x78	2	28	5259003578	10/16	40,5	5	1,5
42x80	2	20	5259004280	6	47	6	1,5
42x88	2	16	5259004288	10/16	47	6	1,5
54x90	2	16	5259005490	6	60	6	1,5
54x102	2	16	52590054102	10/16	60	6	1,5
76,1x110	2	4	52590076110	6	79	6	2
76,1x122	2	4	52590076122	10/16	79	6	2
88,9x128	2	4	52590088128	6	92	7	2
88,9x138	2	4	52590088138	10/16	92	7	2
108x148	2	4	525900108148	6	111,5	7	2
108x158	2	4	525900108158	10/16	111,5	7	2



Art. 528000

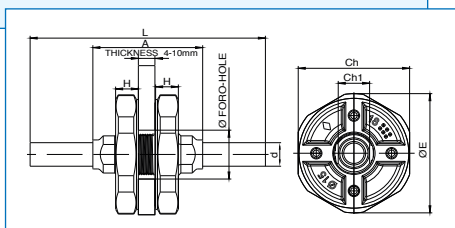
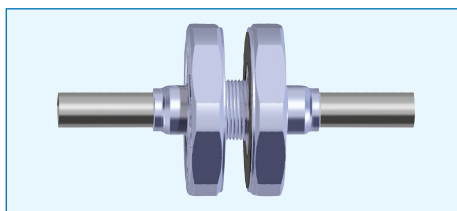
**BREVETTO DEPOSITATO
PATENT PENDING**

- Passaggio ponte/paratia stagno e tagliafuoco in classe A0.
- Deck/bulkhead watertight and fireproof pipe penetration class A0.
- Passage étanche pont/cloison, ininflammable en classe A0.
- Wasserdichte und feuerfeste Durchführungen Deck/Schott in Klasse A0.
- Pasaje de tubería estanco y ignífugo cubierta/mamparo clase A0.

NEW

d	BOX	MASTER BOX	CODICE CODE	A	ØE	Ch	Ch1	H	L	PN	Ø foro hole
15	2	12	52800015	70	76	71	20	14,5	150	16	29
22	2	12	52800022	75	84	79	26,5	15	155	16	36
28	1	4	52800028	77	93	87	33	15,5	160	16	42
35	1	4	52800035	80	100	94	40	16	170	16	49
42	1	4	52800042	81	108	101	47	16,5	175	16	56
54	1	2	52800054	82	126	117	60	18	190	16	69
76	-	2	52800076	84	148	139	82	19	290	16	91
88	-	4	52800088	86	161	152	95	20	305	16	104
108	-	4	528000108	88	180	171	114	21	340	16	123

Per la coibentazione si prega di consultare il manuale tecnico o rivolgersi all'ufficio commerciale - for the insulation, please refer to technical manual or contact our sales department.



Art. 528100

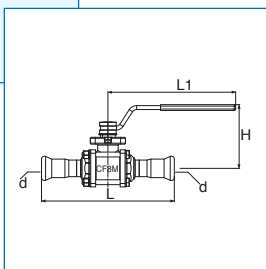
**BREVETTO DEPOSITATO
PATENT PENDING**

- Passaggio ponte/paratia stagno e tagliafuoco in classe A30/60.
- Deck/bulkhead watertight and fireproof pipe penetration class A30/60.
- Passage étanche pont/cloison, ininflammable en classe A30/60.
- Wasserdichte und feuerfeste Durchführungen Deck/Schott in Klasse A30/60.
- Pasaje de tubería estanco y ignífugo cubierta/mamparo clase A30/60.

NEW

d	BOX	MASTER BOX	CODICE CODE	A	ØE	Ch	Ch1	H	L	PN	Ø foro hole
15	-	4	52810015	70	76	71	20	14,5	735	16	29
22	-	4	52810022	75	84	79	26,5	15	740	16	36
28	-	4	52810028	77	93	87	33	15,5	740	16	42
35	-	3	52810035	80	100	94	40	16	750	16	49
42	-	3	52810042	81	108	101	47	16,5	760	16	56
54	-	3	52810054	82	126	117	60	18	770	16	69
76	-	2	52810076	84	148	139	82	19	805	16	91
88	-	2	52810088	86	161	152	95	20	820	16	104
108	-	2	528100108	88	180	171	114	21	850	16	123

Per la coibentazione si prega di consultare il manuale tecnico o rivolgersi all'ufficio commerciale - for the insulation, please refer to technical manual or contact our sales department.

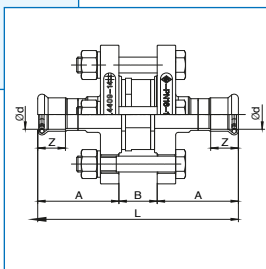
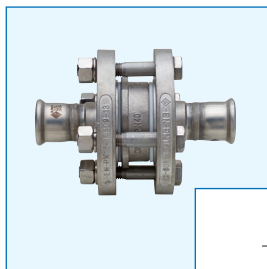


Art. 529000

- Valvola a sfera in 3 pezzi in acciaio inox AISI 316-CF8M.
- 3 piece ball valve in stainless steel AISI 316-CF8M.
- Robinet à boisseau sphérique en 3 pièces en acier inox AISI316-CF8M.
- 3-tlg. Edelstahlkugelhahn AISI316-CF8M.
- Válvula esfera en 3 piezas en acero inoxidable AISI 316-CF8M.

LBP

d	SAC.	MASTER BOX	CODICE CODE	L	H	L1
15	6	24	52900015	116	64	131
18	6	24	52900018	137	68,5	131
22	3	12	52900022	156	78	174
28	2	4	52900028	184	82,5	174
35	2	4	52900035	198	100	250,5
42	-	2	52900042	230	107	250,5
54	-	2	52900054	295	126	321
76,1	1	-	52900076	346	137,5	321
88,9	1	-	52900088	415	156,5	381,5
108	1	-	52900108	385	156,5	381,5

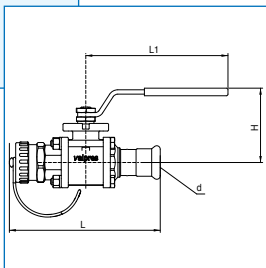
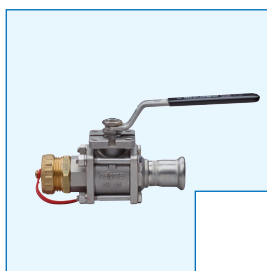


Art. 529100

- Valvola di ritegno a piattello.
- Disco check valve.
- Clapet anti retour à disco.
- Disco-Rückschlagventil.
- Valvula de retencion à disco.

LBP

d	SAC.	MASTER BOX	CODICE CODE	Z	A	B	L
15	1	8	52910015	19	52,5	26	131
18	-	-	52910018	-	-	-	-
22	1	6	52910022	21	57,5	29	144
28	1	6	52910028	22	59	32	150
35	1	4	52910035	27	68	38	174
42	1	4	52910042	30	70	42	182
54	1	2	52910054	35	78	50	206
76,1	-	1	52910076	54	102	56	260
88,9	-	1	52910088	61	116	60	292
108	-	1	529100108	76	134	70	338

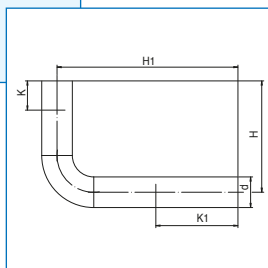
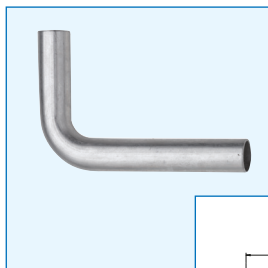


Art. 529200






- Valvola a sfera con attacco manichetta.
- Hose connection ball valve.
- Robinet a boisseau sphérique connexion tuyau.
- Kugelhahn mit Schlauchanschluss.
- Valvula esfera con conexion manguera.

LBP

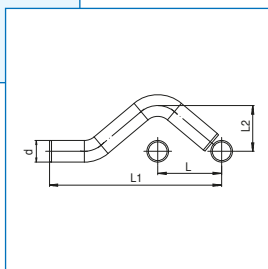
d	SAC.	MASTER BOX	CODICE CODE	L1	L	H
22	6	24	52920022	131	139	68,5








Art. 526000

-  Tubo curvo 90°.
-  90° elbow with plain ends.
-  Tube coude 90°.
-  Passbogen 90°.
-  Tubo curvo a 90°.

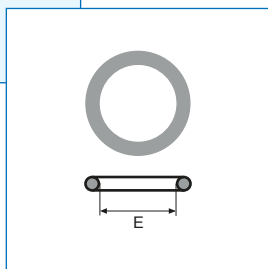
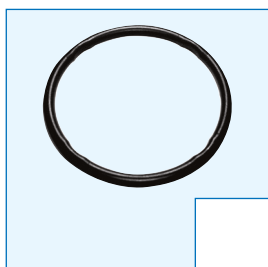
d	SAC.	MASTER BOX	CODICE CODE	H1	H	K	K1
15	5	150	52600015	120	70	20	72
18	5	100	52600018	120	70	20	67
22	5	75	52600022	125	85	21	59
28	5	40	52600028	125	97	23	47
35	5	50	52600035	200	120	27	110
42	2	20	52600042	250	150	30	144
54	2	8	52600054	300	200	35	165








Art. 526700

-  Scavalcamento corto.
-  Pre-formed pipebridge.
-  Clarinette.
-  Sprungbogen.
-  Tubo puente corto.

d	SAC.	MASTER BOX	CODICE CODE	L1	L2	L
15	5	125	52670015	145	42	57
18	5	100	52670018	162	44	60
22	5	75	52670022	175	46	65
28	5	50	52670028	226	52	74

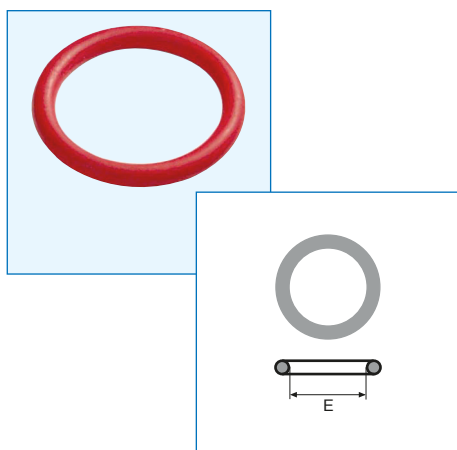


Art. 51RI01

-  O-ring in EPDM per acqua potabile.
-  O-ring in EPDM for drinkable water.
-  O-ring en EPDM pour eau potable.
-  EPDM O-ring für Trinkwasser.
-  O-ring en EPDM por agua potable.

LBP

Ø tubo-E	SAC.	MASTER BOX	CODICE CODE
15	20	1000	51RI0115
18	20	1000	51RI0118
22	20	1000	51RI0122
28	20	1000	51RI0128
35	20	1000	51RI0135
42	20	1000	51RI0142
54	20	1000	51RI0154
76,1	1	50	51RI0176
88,9	1	50	51RI0188
108	1	50	51RI01108

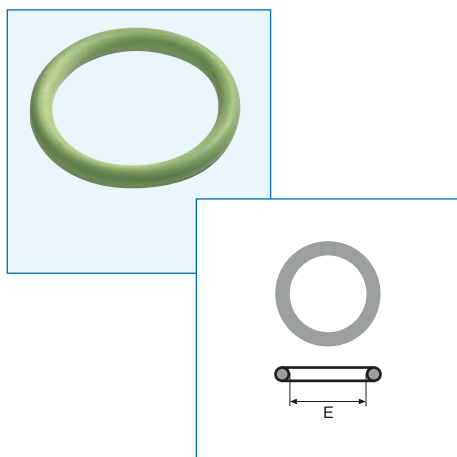


* Preghiamo di contattarci prima di inviare ordini.
* Please contact us before sending orders.

Art. 51RI02•

- O-ring in NBR (rosso) per olii minerali*.
- O-ring in NBR (red) for mineral oils*.
- O-ring en NBR (rouge) pour huile mineral*.
- NBR O-ring für Mineral Öle*.
- O-ring en NBR (rojo) por aceites minerales*.

Ø tubo-E	SAC.	MASTER BOX	CODICE CODE
15	20	1000	51RI0215
18	20	1000	51RI0218
22	20	1000	51RI0222
28	20	1000	51RI0228
35	20	1000	51RI0235
42	20	1000	51RI0242
54	20	1000	51RI0254
76,1	1	50	51RI0276
88,9	1	50	51RI0288
108	1	50	51RI02108

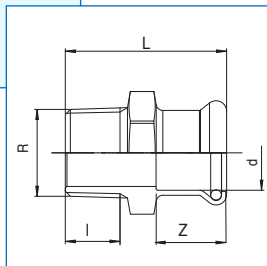
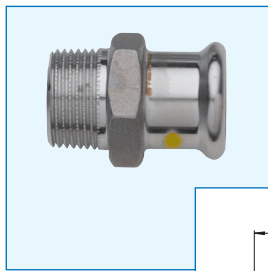


* Preghiamo di contattarci prima di inviare ordini.
* Please contact us before sending orders.

Art. 51RI03•

- O-ring in FKM (verde) per olii, idrocarburi* e pannelli solari.
- O-ring in FKM (green) for oils, hydrocarbons* and solar panles.
- O-ring en FKM (vert) pour huile, hydrocarbures* et panneau solaire.
- O-ring in FKM (grün) für Öle, Kohlenwasserstoffe* und Solaranlagen.
- O-ring en FKM por aceites, hidrocarburos* y paneles solares.

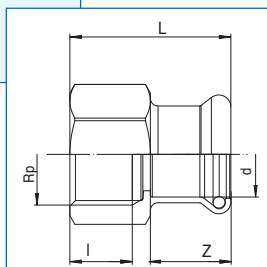
Ø tubo-E	SAC.	MASTER BOX	CODICE CODE
15	20	1000	51RI0315
18	20	1000	51RI0318
22	20	1000	51RI0322
28	20	1000	51RI0328
35	20	1000	51RI0335
42	20	1000	51RI0342
54	20	1000	51RI0354
76,1	1	50	51RI0376
88,9	1	50	51RI0388
108	1	50	51RI03108



Art. 5G0000

- Manicotto misto - filetto maschio.
- Male adaptor.
- Manchon mâle.
- Übergangsstück AG.
- Manguito mixto - roscado.

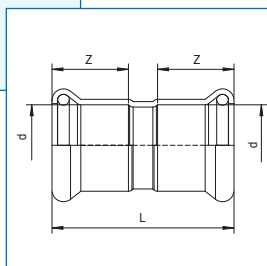
d-R	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-R 1/2"	10	300	5G00001504	44	19	15
18-R 1/2"	10	250	5G00001804	45	19,5	15
22-R 1/2"	5	150	5G00002204	47	21	15
22-R 3/4"	5	150	5G00002205	46	21	16,3
22-R 1"	5	150	5G00002206	51	21	19,1
28-R 1"	5	100	5G00002806	53	22	19,1
35-R 1"	5	90	5G00003506	59	27	19,1
35-R 1"1/4	5	70	5G00003507	60	27	21,4
35-R 1"1/2	5	60	5G00003508	61	27	21,4
42-R 1"1/2	2	40	5G00004208	63	30	21,4
54-R 2"	2	28	5G00005410	73	35	25,7



Art. 5G0100

- Manicotto misto - filetto femmina.
- Female adaptor.
- Manchon femelle.
- Übergangsstück IG.
- Manguito mixto - roscado hembra.

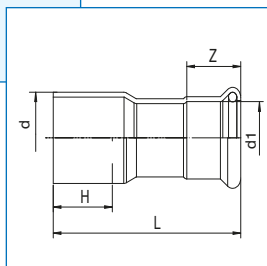
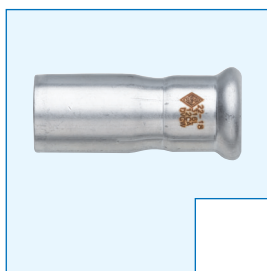
d-Rp	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-Rp 1/2"	10	200	5G01001504	41	19	15
18-Rp 1/2"	10	200	5G01001804	41	19,5	15
22-Rp 1/2"	5	150	5G01002204	39	21	15
22-Rp 3/4"	5	150	5G01002205	42	21	16,3
22-Rp 1"	5	120	5G01002206	46	21	19,1
28-Rp 1"	5	100	5G01002806	47,5	22	19,1
35-Rp 1"	5	70	5G01003506	49	27	19,1
35-Rp 1"1/4	5	75	5G01003507	54	27	21,4
42-Rp 1"1/2	2	30	5G01004208	58	30	21,4
54-Rp 2"	2	30	5G01005410	67	35	25,7



Art. 5G0200

- Manicotto con battuta.
- Joint with folder.
- Manchon.
- Muffe.
- Manguito.

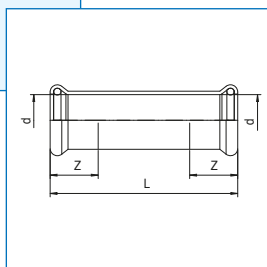
d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	5G020015	48	19
18	10	250	5G020018	49,5	19,5
22	5	200	5G020022	51	21
28	5	100	5G020028	55	22
35	5	75	5G020035	68,5	27
42	2	46	5G020042	78,5	30
54	2	28	5G020054	90	35



Art. 5G0400

- Riduzione M/F.
- M/F reducer.
- Reduction mâle/femelle.
- Reduziertstück.
- Reducción macho/hembra.

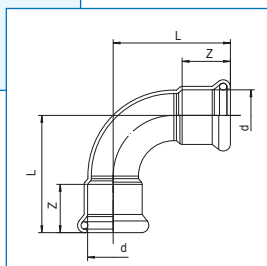
d-d1	SAC.	MASTER BOX	CODICE CODE	L	Z	H
18-15	10	250	5G04001815	54	19	19,5
22-15	10	250	5G04002215	64	19	21
22-18	10	250	5G04002218	60	19,5	21
28-15	10	200	5G04002815	70	19	22
28-18	10	200	5G04002818	70	19,5	22
28-22	5	150	5G04002822	69	21	22
35-22	5	100	5G04003522	71,5	21	27
35-28	5	100	5G04003528	72	22	27
42-28	2	80	5G04004228	77	22	30
42-35	2	60	5G04004235	80	27	30
54-35	2	40	5G04005435	104	27	35
54-42	2	30	5G04005442	98	30	35



Art. 5G0500

- Manicotto passante.
- Slip coupling.
- Manchon de connexion.
- Schiebemuffe.
- Manguito de paso.

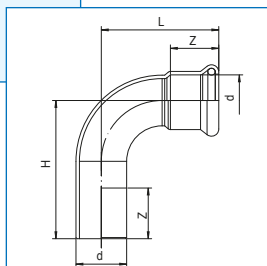
d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	5G050015	71	19
18	10	250	5G050018	77	19,5
22	5	125	5G050022	82	21
28	5	75	5G050028	90	22
35	5	50	5G050035	98	27
42	2	24	5G050042	116	30
54	2	16	5G050054	141	35



Art. 5G1200

- Curva 90° F/F.
- 90° elbow F/F.
- Courbe 90° femelle/femelle.
- Bogen 90°.
- Curva 90° hembra/hembra.

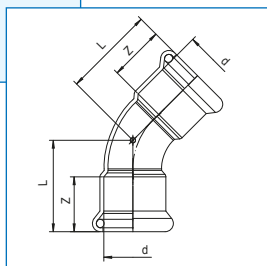
d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	5G120015	41	19
18	10	200	5G120018	45	19,5
22	5	125	5G120022	51	21
28	5	70	5G120028	60,5	22
35	5	40	5G120035	76,5	27
42	2	20	5G120042	95,9	30
54	2	8	5G120054	124,3	35



Art. 5G1300

- Curva 90° M/F.
- M/F 90° elbow.
- Courbe 90° mâle/femelle.
- Bogen 90° I/A.
- Curva 90° macho/hembra.

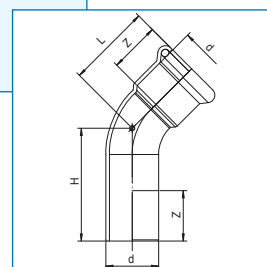
d	SAC.	MASTER BOX	CODICE CODE	L	H	Z
15	10	250	5G130015	41	47,5	19
18	10	250	5G130018	45	51,5	19,5
22	5	120	5G130022	51	57,5	21
28	5	60	5G130028	60,5	66,5	22
35	5	40	5G130035	76,5	83	27
42	2	20	5G130042	96	102,5	30
54	2	12	5G130054	124,5	131,5	35



Art. 5G1400

- Curva 45°.
- 45° elbow.
- Courbe 45°.
- Bogen 45°.
- Curva 45°.

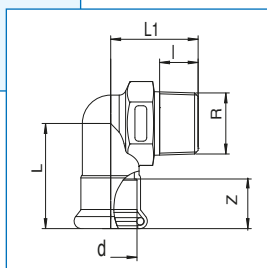
d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	5G140015	31	19
18	10	250	5G140018	32	19,5
22	5	120	5G140022	38	21
28	5	60	5G140028	41	22
35	5	50	5G140035	52	27
42	2	24	5G140042	66,3	30
54	2	16	5G140054	86,3	35



Art. 5G1500

- Curva 45° M/F.
- M/F 45° elbow.
- Courbe 45° mâle/femelle.
- Bogen 45° I/A.
- Curva 45° macho/hembra.

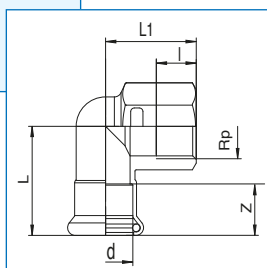
d	SAC.	MASTER BOX	CODICE CODE	L	H	Z
15	10	250	5G150015	31	43	19
18	10	250	5G150018	32	45	19,5
22	5	120	5G150022	38	47	21
28	5	60	5G150028	41	50	22
35	5	40	5G150035	52	58,5	27
42	2	24	5G150042	66,3	72,8	30
54	2	16	5G150054	86,3	93,3	35



Art. 5G1600

- Gomito misto - filetto maschio.
- 90° male angle adaptor.
- Coude mâle.
- Übergangswinkel AG.
- Codo mixto - roscado macho.

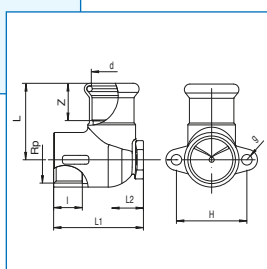
d-R	SAC.	MASTER BOX	CODICE CODE	L	L1	Z	I
15-R 1/2"	10	200	5G16001504	40	35,5	19	15
18-R 1/2"	10	150	5G16001804	40	35,5	19,5	15
22-R 3/4"	5	100	5G16002205	44,5	37	21	16,3
28-R 1"	5	50	5G16002806	50	48	22	19,1
35-R 1 1/4"	5	40	5G16003507	60	48	27	21,4



Art. 5G1700

- Gomito misto - filetto femmina.
- 90° female angle adaptor.
- Coude femelle.
- Übergangswinkel IG.
- Codo mixto - roscado hembra.

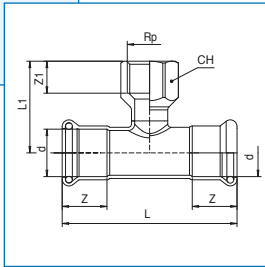
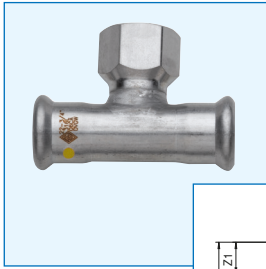
d-Rp	SAC.	MASTER BOX	CODICE CODE	L	L1	Z	I
15-Rp 1/2"	10	180	5G17001504	40	35,5	19	15
18-Rp 1/2"	10	120	5G17001804	40	35,5	19,5	15
22-Rp 3/4"	5	100	5G17002205	44,5	37	21	16,3
28-Rp 1"	5	40	5G17002806	50	54	22	19,1
35-Rp 1 1/4"	5	40	5G17003507	60	62	27	21,4



Art. 5G2000

- Gomito misto filetto femmina con flangia distanziata.
- 90° female elbow with long wallplate.
- Applique coude.
- Wandwinkel kurz IG.
- Codo mixto con brida larga.

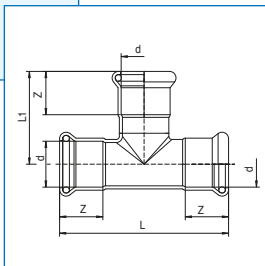
d-Rp	SAC.	MASTER BOX	CODICE CODE	L	L1	L2	Z	Z1	H	g
15-Rp1/2"	10	80	5G20001504	38	43	12	18	15	34	5
18-Rp 1/2"	10	80	5G20001804	38	43	12	18	15	34	5
22-Rp 3/4"	5	80	5G20002205	43	51	18	22	16,3	40	6



Art. 5G3100

- Tee - filetto femmina.
- Female Tee threaded adaptor.
- Tee femelle.
- T-Stück IG.
- Tee roscado hembra.

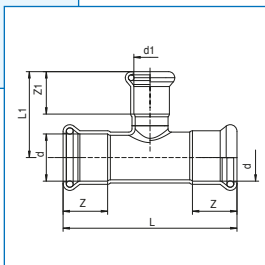
d-Rp-d	SAC.	MASTER BOX	CODICE CODE	L	L1	Z	Z1	CH
15-Rp 1/2"-15	10	160	5G3100150415	67	39	19	15	24
18-Rp 1/2"-18	10	160	5G3100180418	70	41	19,5	15	24
22-Rp 1/2"-22	5	100	5G3100220422	82	43	21	15	24
22-Rp 3/4"-22	5	75	5G3100220522	82	43	21	16,3	30
28-Rp 1/2"-28	5	60	5G3100280428	90	46	22	15	24
28-Rp 3/4"-28	5	60	5G3100280528	90	46	22	16,6	30
35-Rp 1/2"-35	5	40	5G3100350435	106	47,5	27	15	24
35-Rp 3/4"-35	5	40	5G3100350535	106	47,5	27	16,3	30
42-Rp 1/2"-42	2	30	5G3100420442	118	51	30	15	24
54-Rp 1/2"-54	2	16	5G3100540454	144	58	35	15	24
54-Rp 3/4"-54	2	16	5G3100540554	144	58	35	16,3	30
54-Rp 2"-54	2	10	5G3100541054	144,5	72	35	25,7	65



Art. 5G3200

- Tee.
- Equal Tee.
- Tee egal.
- T-Stück.
- Tee.

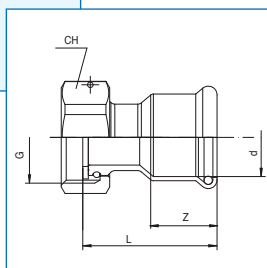
d	SAC.	MASTER BOX	CODICE CODE	L	L1	Z
15	10	150	5G320015	67	35	19
18	10	150	5G320018	70	38	19,5
22	5	90	5G320022	82	45	21
28	5	50	5G320028	90	50	22
35	5	30	5G320035	106	58	27
42	2	24	5G320042	118	64	30
54	2	14	5G320054	144	76	35



Art. 5G3300

- Tee ridotto.
- Reducing Tee.
- Tee réduit.
- T-Stück reduziert.
- Tee reducido.

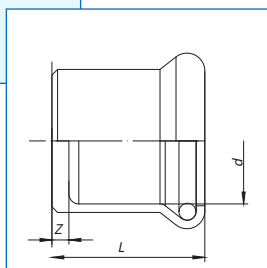
d-d1-d	SAC.	MASTER BOX	CODICE CODE	L	L1	Z	Z1
18-15-18	10	160	5G3300181518	68	37,5	19,5	20
22-15-22	10	100	5G3300221522	82	40	21	20
22-18-22	10	120	5G3300221822	82	41,5	21	20
28-15-28	5	100	5G3300281528	90	43,5	22	20
28-18-28	5	70	5G3300281828	90	46,5	22	20
28-22-28	5	70	5G3300282228	90	48,5	22	21
35-15-35	5	50	5G3300351535	107	46	27	20
35-18-35	5	50	5G3300351835	107	48	27	20
35-22-35	5	40	5G3300352235	107	51	27	21
35-28-35	5	40	5G3300352835	107	52,5	27	23
42-22-42	2	30	5G3300422242	117	54,5	30	21
42-28-42	2	24	5G3300422842	117	56	30	23
42-35-42	2	24	5G3300423542	117	63	30	27
54-22-54	2	16	5G3300542254	144,5	60,5	35	21
54-28-54	2	16	5G3300542854	144,5	62	35	23
54-35-54	2	16	5G3300543554	144,5	70	35	27
54-42-54	2	16	5G3300544254	144,5	72	35	30



Art. 5G5000

- Raccordo con girello in ottone.
- Valve connector with a swivel nut in brass.
- Raccord avec ecrou en laiton.
- Fitting mit Überwurfmutter.
- Conexión con pivote en latón .

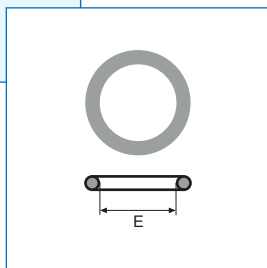
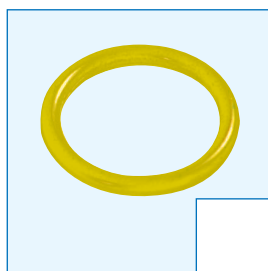
d-G	SAC.	MASTER BOX	CODICE CODE	CH	L	Z
28-G 1"	5	80	5250002806	37	48,5	22



Art. 5G5300

- Tappo.
- Plug.
- Bouchon.
- Stopfen.
- Tapón.

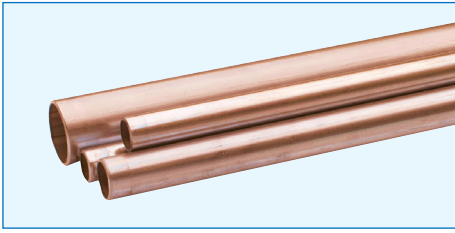
d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	5	250	5G530015	37	18,5
18	5	250	5G530018	38	20
22	5	200	5G530022	42,5	21,5
28	5	200	5G530028	44	22
35	5	150	5G530035	53	26
42	2	150	5G530042	58	28
54	2	50	5G530054	66	31








Art. 5GRI00

- O-ring in HNBR per gas.
- O-ring in HNBR for gas.
- O-ring en HNBR pour gaz.
- O-Ring aus HNBR für Gas.
- Junta tórica HNBR por gas.

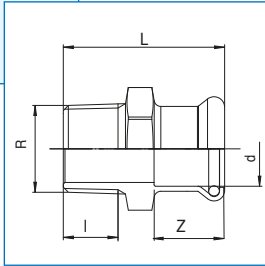
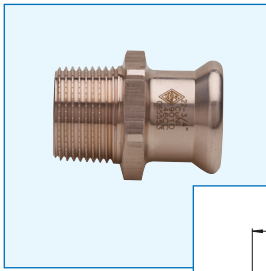
Ø tubo-E	SAC.	MASTER BOX	CODICE CODE
15	20	1000	5GRI0015
18	20	1000	5GRI0018
22	20	1000	5GRI0022
28	20	1000	5GRI0028
35	20	1000	5GRI0035
42	20	1000	5GRI0042
54	20	1000	5GRI0054



Art. 5NT000

-  Tubo in CuNi (rame-nichel).
-  Cu-Ni pipe (copper-nickel).
-  Tube en CuNi (alliage cuivre-nickel).
-  Rohr aus CuNi (Kupfer-Nickel).
-  Tubo en CuNi (aleación cobre-níquel).

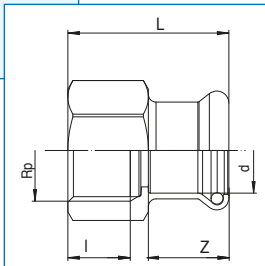
MISURA SIZE	SP	m/BARRA m/BAR	m/FASCIO m/ BUNCH	CODICE CODE
15	1	6	1.014	5NT00015
18	1	6	1.014	5NT00018
22	1	6	762	5NT00022
28	1,5	6	546	5NT00028
35	1,5	6	546	5NT00035
42	1,5	6	366	5NT00042
54	1,5	6	366	5NT00054
76,1	2	6	222	5NT00076
88,9	2	6	114	5NT00088
108	2	6	114	5NT00108



Art. 5N0000

- Manicotto misto - filetto maschio.
- Male adaptor.
- Manchon mâle.
- Übergangsstück AG.
- Manguito mixto - roscado macho.

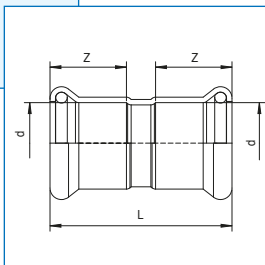
d-R	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-R 1/2"	10	300	5N00001504	44	19	15
18-R 1/2"	10	250	5N00001804	45	19,5	15
22-R 3/4"	5	150	5N00002205	46	21	16,3
28-R 1"	5	100	5N00002806	53	22	19,1
35-R 1"1/4	5	70	5N00003507	60	27	21,4
42-R 1"1/2	2	40	5N00004208	63	30	21,4
54-R 2"	2	28	5N00005410	73	35	25,7



Art. 5N0100

- Manicotto misto - filetto femmina.
- Female adaptor.
- Manchon femelle.
- Übergangsstück IG.
- Manguito mixto - roscado hembra.

d-Rp	SAC.	MASTER BOX	CODICE CODE	L	Z	I
15-Rp 1/2"	10	200	5N01001504	41	19	15
18-Rp 1/2"	10	200	5N01001804	41	19,5	15
22-Rp 1/2"	5	150	5N01002204	39	21	15
22-Rp 3/4"	5	150	5N01002205	42	21	16,3
28-Rp 1"	5	100	5N01002806	47,5	22	19,1
35-Rp 1"1/4	5	75	5N01003507	54	27	21,4
42-Rp 1"1/2	2	30	5N01004208	58	30	21,4
54-Rp 2"	2	30	5N01005410	67	35	25,7



Art. 5N0200

- Manicotto con battuta.
- Joint with folder.
- Manchon avec flexion.
- Muffe.
- Manguito con remate.

d	SAC.	MASTER BOX	CODICE CODE	L	Z
15	10	250	5N020015	48	19
18	10	250	5N020018	49,5	19,5
22	5	200	5N020022	51	21
28	5	100	5N020028	55	22
35	5	75	5N020035	68,5	27
42	2	46	5N020042	78,5	30
54	2	28	5N020054	90	35
76,1	1	10	5N020076	130,5	54
88,9	1	8	5N020088	147	61
108	1	3	5N0200108	189	76