

suprem fittings



COMPLEMENTARY PRODUCTS

PRODOTTI COMPLEMENTARI



INDEX / INDICE

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Plug&Play®

Raccordi Push-fit Push-fit fittings for PE pipe Raccords d'accouplement Push-fit Accesorios Push-fit

VANTAGGI

Semplice, veloce, affidabile
Niente saldature, né serraggi
Disponibile fino al Ø 250mm

ADVANTAGES

Simple, quick, reliable
No welding, no tightening
Now available up to Ø 250mm

AVANTAGES

Simple, rapide, fiable
Pas de soudure, pas de serrage
Disponible jusqu'à Ø 250mm

VENTAJAS

Simple, veloz, fiable
Sin soldaduras, ni roscas
Disponibile hasta el Ø 250mm



Anello di aggraffaggio
Grip ring / Bague d'agrafage
Cono de fijación
[POM]

Guarnizione
Gasket / Joint / Junta
[EPDM 70sh A]

Corpo
Body / Corp / Cuerpo
[PP / PE100]



Acqua potabile
Potable water
Eau potable
Agua potable

Normative
Standards / Normes / Normas

UNI9561 / AS/NZS4129 / BRL-K 17105
DIN8076 / ISO17885

Manicotto

Coupler
Manchon
Manguito



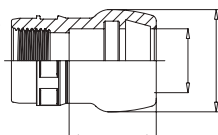
PP

CODE: 0075	PN	Ø	D	L	Bag	PACK	€
P10502000S	20	20			10		6,60
P10502500S	20	25			10		7,80
P10503200S	20	32			5		9,90
P10504000S	16	40			3		15,80
P10505000S	16	50			2		21,60
P10506300S	16	63			1		28,84
P10507500S	16	75			-		36,57
P10509000S	16	90			-		54,18
P10511000S	16	110			-		72,10
P10512500S	16	125			-		87,55
P10514000S	16	140			-		98,88
P10516000S	16	160			-		127,00
P10518000S	16	180			-		191,00
P105200010S	10	200			-		288,00
P105225010S	10	225			-		309,00
P105250010S	10	250			-		391,00
P105315010S	10	315			-		990,00

NEW

Raccordo femmina

Female adaptor
Raccord taraudé
Empalme hembra



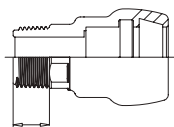
NEW

PP

CODE: P100	PN	Ø	D	L	Bag	PACK	€
P10002000BS	16	20 x 1/2"			10		5,40
P10002000CS	16	20 x 3/4"			10		5,40
P10002500BS	16	25 x 1/2"			10		6,70
P10002500CS	16	25 x 3/4"			10		6,70
P10002500DS	16	25 x 1"			10		6,70
P10003200CS	16	32 x 3/4"			5		8,00
P10003200DS	16	32 x 1"			5		8,00
P10004000DS	16	40 x 1"			3		13,30
P10004000ES	16	40 x 1 1/4"			3		13,30
P10005000ES	16	50 x 1 1/4"			2		18,00
P10005000FS	16	50 x 1 1/2"			2		18,00
P10006300FS	16	63 x 1 1/2"			1		24,00
P10006300GS	16	63 x 2"			1		24,00

Raccordo maschio

Male adaptor
Raccord fileté
Empalme macho



NEW

PP

CODE: P095	PN	Ø	D	L	Bag	PACK	€
P09502000BS	16	20 x 1/2"			10		3,70
P09502000CS	16	20 x 3/4"			10		3,70
P09502500BS	16	25 x 1/2"			10		4,20
P09502500CS	16	25 x 3/4"			10		4,20
P09502500DS	16	25 x 1"			10		4,20
P09503200CS	16	32 x 3/4"			5		5,50
P09503200DS	16	32 x 1"			5		5,50
P09504000DS	16	40 x 1"			3		9,80
P09504000ES	16	40 x 1 1/4"			3		9,80
P09505000ES	16	50 x 1 1/4"			2		12,90
P09505000FS	16	50 x 1 1/2"			2		12,90
P09506300FS	16	63 x 1 1/2"			1		18,30
P09506300GS	16	63 x 2"			1		18,30

Bicchiera

Bell socket
Tête à souder
Enlace a soldar



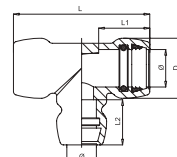
PE100

CODE: P161	PN	Ø	D	L	Bag	PACK	€
P16109000S	16	90					49,03
P16111000S	16	110					61,80
P16112500S	16	125					77,25
P16114000S	16	140					84,46
P16116000S	16	160					103,00
P16118000S	16	180					155,00
P161200010S	10	200					245,00
P161225010S	10	225					263,00
P161250010S	10	250					333,00
P161315010S	10	315					890,00

NEW

T a 90° ridotto

Reduced tee
Tè à 90° réduit
T a 90° reducido



NEW

PP

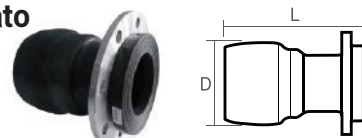
CODE: P075	PN	Ø	D	L	Bag	PACK	€
P075025010S	16	25 x 20			10	10	11,30
P075032025S	16	32 x 25			5	5	14,50
P075040032S	16	40 x 32			3	3	23,00
P075050040S	16	50 x 40			2	2	31,40
P075063050S	16	63 x 50			1	1	44,80

PE100

P076110090S	16	110 x 90			-	-	296,10
P076125090S	16	125 x 90			-	-	361,50
P076140090S	16	140 x 90			-	-	425,20
P076160125S	16	160 x 125			-	-	533,70
P076180125S	16	180 x 125			1	-	694,70
P076200160S	10	200 x 160			1	-	1.017,00
P076225160S	10	225 x 160			1	-	1.128,00
P076250160S	10	250 x 160			1	-	1.528,00
P076315200S	10	315 x 200			1	-	2.235,00

Raccordo flangiato

Flanged joint
Raccord à bride
Empalme embrizado



PE100

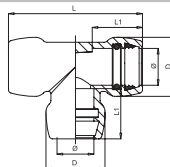
CODE: P135	PN	Ø	D	L	Bag	PACK	€
P135090080S	16	90			-		107,80
P135110100S	16	110			-		132,40
P135125100S	16	125			-		152,20
P135140125S	16	140			-		184,50
P135160150S	16	160			-		219,60
P135180150S	16	180			-		294,80
P135200201S	10	200			-		422,50
P135225201S	10	225			-		449,70
P135250251S	10	250			-		589,60
P135315301S	10	315			-		701,10

NEW

T a 90°

90° Tee
Tè à 90°
T a 90°

NEW



PP

CODE: P080	PN	Ø	D	L	Bag	PACK	€
P080020000S	16	20			10		8,50
P080025000S	16	25			10		11,30
P080032000S	16	32			5		14,50
P080040000S	16	40			3		23,00
P080050000S	16	50			2		31,40
P080063000S	16	63			1		44,80

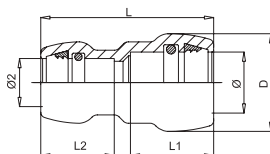
PE100

P081090000S	16	90			-		
P081110000S	16	110			-		
P081125000S	16	125			-		
P081140000S	16	140			-		
P081160000S	16	160			-		
P081180000S	16	180			-		
P081200010S	10	200			-		
P081225010S	10	225			-		
P081250010S	10	250			-		
P081315010S	10	315			-		

Manicotto ridotto

Reduced Coupler
Manchon réduit
Manguito reducido

NEW



PP

CODE: P110	PN	Ø	D	L	Bag	PACK	€
P110025010S	16	25 x 20			10		7,00
P110032025S	16	32 x 25			5		9,30
P110040032S	16	40 x 32			3		13,70
P110050040S	16	50 x 40			2		17,80
P110063050S	16	63 x 50			1		25,20

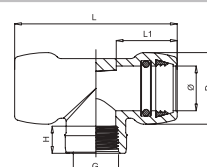
PE100

P111110090S	16	110 x 90			-		
P111125110S	16	125 x 110			-		
P111140125S	16	140 x 125			-		
P111160125S	16	160 x 125			-		
P111160140S	16	160 x 140			-		
P111180160S	16	180 x 160			-		
P111200180S	10	200 x 180			-		
P111200160S	10	200 x 160			-		
P111225200S	10	225 x 200			-		
P111225180S	10	225 x 180			-		
P111250225S	10	250 x 225			-		
P111250200S	10	250 x 200			-		
P111315250S	10	315 x 250			-		

T a 90° femmina

Female Tee
Tè à 90° taraudée
T a 90° hembra

NEW



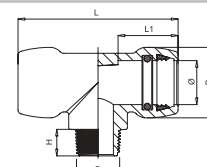
PP

CODE: P085	PN	Ø	D	L	Bag	PACK	€
P08502000BS	16	20 x 1/2"			10		6,50
P08502000CS	16	20 x 3/4"			10		6,50
P08502500BS	16	25 x 1/2"			10		8,25
P08502500CS	16	25 x 3/4"			10		8,25
P08502500DS	16	25 x 1"			10		8,25
P08503200CS	16	32 x 3/4"			5		12,00
P08503200DS	16	32 x 1"			5		12,00
P08504000DS	16	40 x 1"			3		18,40
P08504000ES	16	40 x 1 1/4"			3		18,40
P08505000ES	16	50 x 1 1/4"			2		25,20
P08505000FS	16	50 x 1 1/2"			2		25,20
P08506300FS	16	63 x 1 1/2"			1		35,90
P08506300GS	16	63 x 2"			1		35,90

T a 90° maschio

Male Tee
Tè à 90° filetée
T a 90° macho

NEW



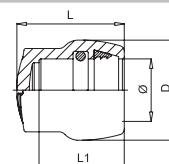
PP

CODE: P090	PN	Ø	D	L	Bag	PACK	€
P09002000BS	16	20 x 1/2"			10		6,50
P09002500CS	16	25 x 3/4"			10		8,25
P09003200DS	16	32 x 1"			5		12,00
P09004000ES	16	40 x 1 1/4"			3		18,40
P09005000FS	16	50 x 1 1/2"			2		25,20
P09006300GS	16	63 x 2"			1		35,90

Tappo

End plug
Bouchon
Tapón

NEW



PP

CODE: P115	PN	Ø	D	L	Bag	PACK	€
P115020000S	20	20			10		4,60
P115025000S	20	25			10		4,80
P115032000S	20	32			5		5,90
P115040000S	16	40			3		9,70
P115050000S	16	50			2		14,30
P115063000S	16	63			1		19,50

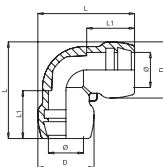
PE100

P116090000S	16	90			-		
P116110000S	16	110			-		
P116125000S	16	125			-		
P116140000S	16	140			-		
P116160000S	16	160			-		
P116180000S	16	180			-		
P116200010S	16	200			-		
P116225010S	10	225			-		
P116250010S	10	250			-		
P116315010S	10	315			-		

Gomito a 90°

90° elbow
Coude à 90°
Codo a 90°

NEW



PP

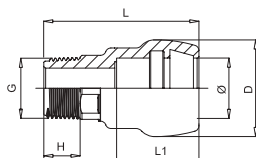
CODE: P120	PN	Ø	D	L	Bag	PACK	€
P12002000S	20	20			10		6,60
P12002500S	20	25			10		7,90
P12003200S	20	32			5		9,80
P12004000S	16	40			3		18,40
P12005000S	16	50			2		25,60
P12006300S	16	63			1		31,00

PE100

P12109000S	16	90			-		
P12111000S	16	110			-		
P12112500S	16	125			-		
P12114000S	16	140			-		
P12116000S	16	160			-		
P12118000S	16	180			-		
P12120001S	16	200			-		
P12122501S	10	225			-		
P12125001S	10	250			-		
P12131501S	10	315			-		

Raccordo maschio filettato in ottone

Male adaptor brass thread
Raccord fileté filét en laiton
Empalme macho rosca de latón



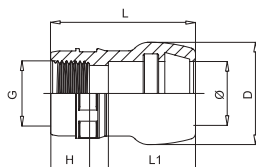
NEW

PP

CODE: P050	PN	Ø	D	L	Bag	PACK	€
P0500200BS	16	20 x 1/2"			5		12,3
P0500250CS	16	25 x 3/4"			5		15,3
P0500320DS	16	32 x 1"			5		20,5
P0500400ES	16	40 x 1 1/4"			3		33,5
P0500500FS	16	50 x 1 1/2"			2		40,8
P0500630GS	16	63 x 2"			1		64,0

Raccordo femmina filettato in ottone

Female adaptor brass thread
Raccord taraudé filét en laiton
Empalme hembra rosca de latón



NEW

PP

CODE: P055	PN	Ø	D	L	Bag	PACK	€
P0550200BS	16	20 x 1/2"			5		14,00
P0550250CS	16	25 x 3/4"			5		17,80
P0550320DS	16	32 x 1"			5		23,00
P0550400ES	16	40 x 1 1/4"			3		37,00
P0550500FS	16	50 x 1 1/2"			2		46,00
P0550630GS	16	63 x 2"			1		70,00

Gomito a 90° femmina

90° female elbow
Coude à 90° taraudée
Codo a 90° hembra

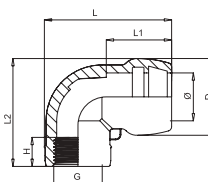
NEW

PP

CODE: P125	PN	Ø	D	L	Bag	PACK	€
P1250200BS	16	20 x 1/2"			10		5,45
P1250200CS	16	20 x 3/4"			10		5,45
P1250250BS	16	25 x 1/2"			10		6,75
P1250250CS	16	25 x 3/4"			10		6,75
P1250250DS	16	25 x 1"			10		6,75
P12503200CS	16	32 x 3/4"			5		8,00
P12503200DS	16	32 x 1"			5		8,00
P12504000DS	16	40 x 1"			3		13,25
P12504000ES	16	40 x 1 1/4"			3		13,25
P12505000ES	16	50 x 1 1/4"			2		18,00
P12505000FS	16	50 x 1 1/2"			2		18,00
P12506300FS	16	63 x 1 1/2"			1		24,00
P12506300GS	16	63 x 2"			1		24,00

Gomito a 90° femmina filettato in ottone

90° female elbow brass thread
Coude à 90° taraudée filét en laiton
Codo a 90° hembra rosca de latón



NEW

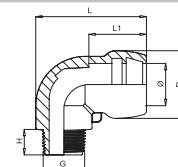
PP

CODE: P065	PN	Ø	D	L	Bag	PACK	€
P0650200BS	16	20 x 1/2"			5		14,00
P0650250CS	16	25 x 3/4"			5		17,80
P06503200DS	16	32 x 1"			5		23,00
P06504000ES	16	40 x 1 1/4"			3		37,00
P06505000FS	16	50 x 1 1/2"			2		46,00
P06506300GS	16	63 x 2"			1		70,00

Gomito a 90° maschio

90° male elbow
Coude à 90° fileté
Codo a 90° macho

NEW



PP

CODE: P130	PN	Ø	D	L	Bag	PACK	€
P1300200BS	16	20 x 1/2"			10		4,25
P1300250CS	16	25 x 3/4"			10		5,10
P13003200DS	16	32 x 1"			5		6,75
P13004000ES	16	40 x 1 1/4"			3		10,40
P13005000FS	16	50 x 1 1/2"			2		14,10
P13006300GS	16	63 x 2"			1		20,00

Gomito a 90° maschio filettato in ottone

90° male elbow brass thread
Coude à 90° fileté filét en laiton
Codo a 90° macho rosca de latón

NEW

PP

CODE: P060	PN	Ø	D	L	Bag	PACK	€
P0600200BS	16	20 x 1/2"			5		12,80
P0600250CS	16	25 x 3/4"			5		16,20
P06003200DS	16	32 x 1"			5		21,80
P06004000ES	16	40 x 1 1/4"			3		34,10
P06005000FS	16	50 x 1 1/2"			2		42,00
P06006300GS	16	63 x 2"			1		65,80

Liner per tubo

Pipe liner
Renfort pour tube
Liner para tubo



POM

CODE: 7729	SDR	Ø	D	L	Bag	PACK	€
772900020	11	20			50		0,62
772900025	11	25			20		0,72
772900032	11	32			20		1,24
772900040	11	40			10		1,96
772900050	11	50			10		2,16
772900063	11	63			10		2,58

Smussatore tubi

Chamfering device
Dispositif de chanfreinage
Dispositivo de biselado



20-63
75-110



40-250

CODE: 921	Ø	Bag	€
9210063020A	20..63	1	33,00
9210110075A	75..110	1	60,00
9212250040A	40..250	1	300,00

Insertore

Inserting device
Emboiteur
Insertor



CODE: 8870	Ø	Bag	€
8870090180	90..180	1	1.600,00
8870160250	160..250	1	2.700,00

Installazione

Installation / Installation / Instalacion



Smussare e pulire l'estremità del tubo in PE, lubrificare la guarnizione con sapone liquido, non lubrificare mai il tubo.

Inserire il tubo nel manicotto fino alla battuta interna, utilizzando l'apposito insertore.



Chamfer and clean the PE pipe ends, lubricate the seals with liquid soap, never lubricate pipe ends.

Insert pipes into fitting by using the inserting device, taking care that the ends meet the pipe stopper.



Chanfreiner les extrémités du tube PE, lubrifier les joints avec du savon liquide, ne lubrifier jamais les tubes.

Insérer le tube dans le raccord, jusqu'à son blocage contre la butée centrale.



Biselar y limpiar la extremidad de los tubos en PE, lubricar la junta con jabón líquido, nunca lubricar la extremidad de los tubos.

Insertar los tubos en el accesorio, usando el insertor, hasta que lleguen al tope central.

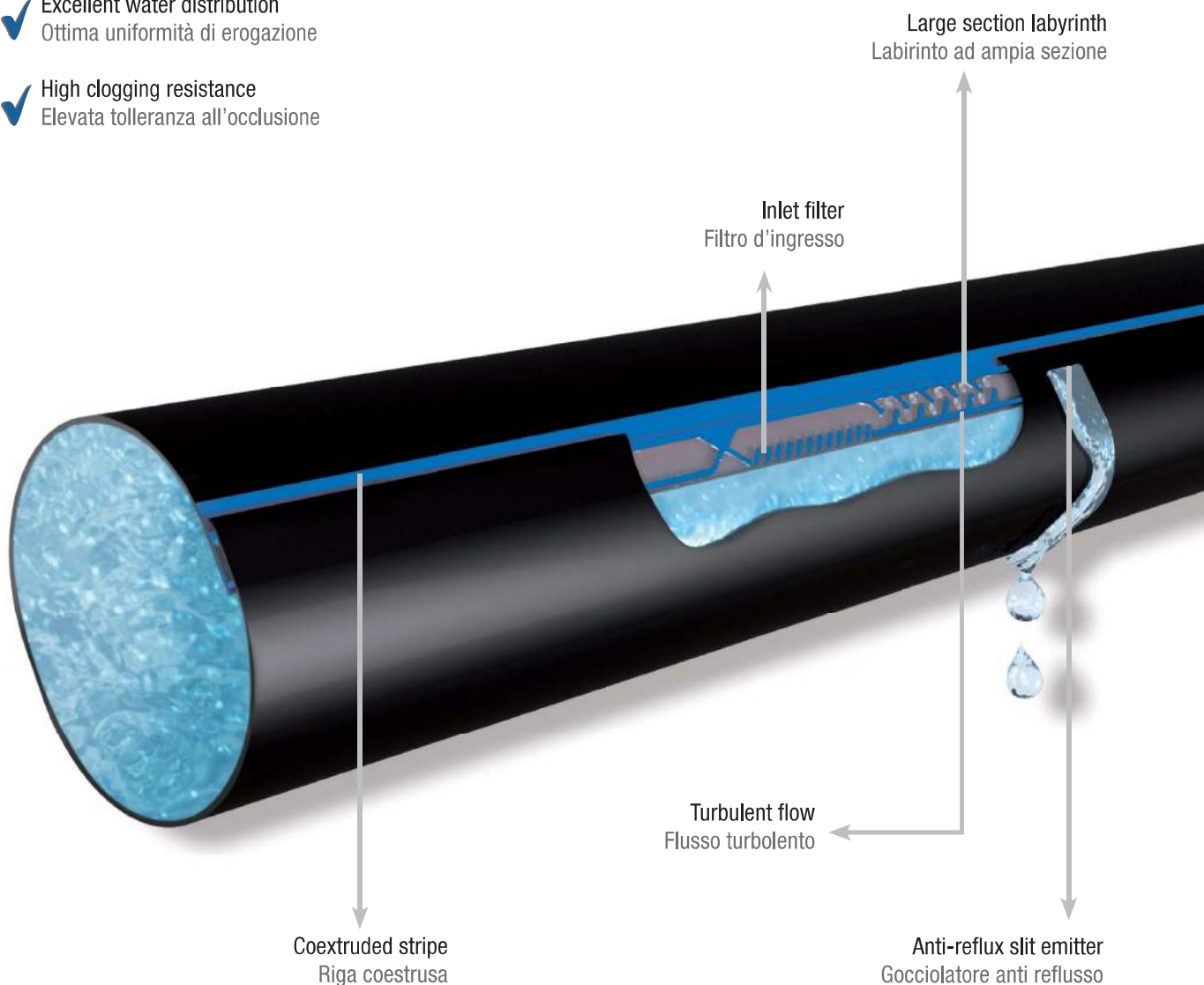


QUOTATION UPON REQUEST / QUOTAZIONE SU RICHIESTA



Details make the difference I dettagli fanno la differenza

- ✓ Wide selection of flow rates, spacing and wall thicknesses
Ampia gamma di portate, spaziatore e spessori
- ✓ Excellent water distribution
Ottima uniformità di erogazione
- ✓ High clogging resistance
Elevata tolleranza all'occlusione



Product features / Caratteristiche del prodotto

supreme tape

Ø 16 mm



filtration required
filtrazione richiesta

100 micron
150 mesh

Technical data Dati tecnici

Ø	thickness spessore		working pressure pressione esercizio		packaging			
	mm	mil	mm	bar	bar max	m	m	m
16	5	0,125	0,7	0,9	3800	1900	-	-
16	6	0,150	0,7	0,9	3000	1500	200	100
16	7	0,175	0,7	1,0	2500	1250	200	100
16	8	0,200	0,7	1,0	2200	1100	200	100
16	10	0,250	0,7	1,2	1800	900	-	-
16	12	0,300	0,7	1,5	1500	-	-	-
16	15	0,375	0,7	1,5	1200	-	-	-

Tape lengths Lunghezza ala

flow rate portata	efficiency efficienza	dripper spacing distanza tra i gocciolatori			
		10 cm	20 cm	30 cm	40 cm
0,6	85	150	230	300	360
1,0	85	100	156	200	238
1,5	85	85	124	154	183
2,0	85	63	95	117	135
0,6	90	126	189	240	290
1,0	90	90	135	171	200
1,5	90	70	100	130	150
2,0	90	52	78	100	110

supreme tape

Ø 22 mm



filtration required
filtrazione richiesta

100 micron
150 mesh

Technical data Dati tecnici

Ø	thickness spessore		working pressure pressione esercizio		packaging			
	mm	mil	mm	bar	bar max	m	m	m
22	6	0,150	0,7	0,9	2200	1100	-	-
22	7	0,175	0,7	1,0	2000	1000	-	-
22	8	0,200	0,7	1,0	1700	-	-	-
22	10	0,250	0,7	1,2	1300	-	-	-

Tape lengths Lunghezza ala

flow rate portata	efficiency efficienza	dripper spacing distanza tra i gocciolatori		
		20 cm	30 cm	40 cm
0,6	85	430	550	664
1,0	85	300	360	495
1,5	85	220	270	370
2,0	85	165	200	280
0,6	90	340	440	540
1,0	90	260	330	405
1,5	90	190	245	304
2,0	90	140	185	230

Product features / Caratteristiche del prodotto

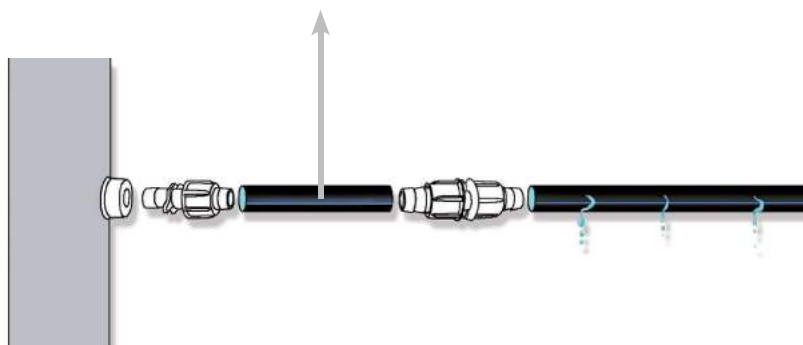
Dripless tape

Ø 16/22 mm



Dripless tape Manichetta non gocciolante

Ø	thickness spessore		working pressure pressione esercizio		packaging			
	mm	mil	mm	bar	bar max	m	m	m
16	12	0,300	0,7	1,5	2000	1000	200	100
22	12	0,300	0,7	1,5	1400	700	100	-



Technical information / Informazioni tecniche

Calculation chart of hourly required litres per meter

Tabella di calcolo dei litri/ora per metro

flow rate portata l/h	dripper spacing distanza tra i gocciolatori			
	10 cm	20 cm	30 cm	40 cm
0,6	6,0	3,0	2,0	1,5
1,0	10,0	5,0	3,3	2,5
1,5	15,0	7,5	5,0	3,8
2,0	20,0	10,0	6,6	5,0

Calculation chart of hourly required meter cubes per hectare

Tabella di calcolo dei metri cubi ora per ettaro

distance between the tape lines distanza fra le manichette cm	tape per hectare manichetta per ettaro m/ha	meter cubes per hour per hectare / metri cubi ora per ettaro											
		l/h - m											
		1,5	2,0	2,5	3,0	3,3	3,8	5,0	6,0	7,5	10,0	15,0	20,0
		m³/h - ha											
50,0	20,000	30,0	40,0	50,0	60,0	66,7	75,0	100,0	120,0	150,0	200,0	300,0	400,0
60,0	16,667	25,0	33,3	41,7	50,0	55,6	62,5	83,3	100,0	125,0	166,7	250,0	333,3
70,0	14,286	21,4	28,6	35,7	42,9	47,6	53,6	71,4	85,7	107,1	142,9	214,3	285,7
80,0	12,500	18,8	25,0	31,3	37,5	41,7	46,9	62,5	75,0	93,8	125,0	187,5	250,0
90,0	11,111	16,7	22,2	27,8	33,3	37,0	41,7	55,6	66,7	83,3	111,1	166,7	222,2
100,0	10,000	15,0	20,0	25,0	30,0	33,3	37,5	50,0	60,0	75,0	100,0	150,0	200,0
120,0	8,333	12,5	16,7	20,8	25,0	27,8	31,3	41,7	50,0	62,5	83,3	125,0	166,7
140,0	7,143	10,7	14,3	17,9	21,4	23,8	26,8	35,7	42,9	53,6	71,4	107,1	142,9
150,0	6,667	10,0	13,3	16,7	20,0	22,2	25,0	33,3	40,0	50,0	66,7	100,0	133,3
160,0	6,250	9,4	12,5	15,6	18,8	20,8	23,4	31,3	37,5	46,9	62,5	93,8	125,0
180,0	5,556	8,3	11,1	13,9	16,7	18,5	20,8	27,8	33,3	41,7	55,6	83,3	111,1
200,0	5,000	7,5	10,0	12,5	15,0	16,7	18,8	25,0	30,0	37,5	50,0	75,0	100,0

Packaging Imballaggi

Minimun order: 1 pallet, price upon request
Ordine minimo: 1 pallet, prezzo su richiesta

Standard coil Bobina



Ø	mil	mm	m	Pack1	Pack2	Tot 40" C	Tot 40" CB
16	5	0,125	3800	24	28	672	840
16	6	0,150	3000	24	28	672	840
16	7	0,175	2500	24	28	672	840
16	8	0,200	2200	24	28	672	840
16	10	0,250	1800	24	28	672	840
16	12	0,300	1500	24	28	672	840
16	15	-	-	-	-	672	840
22	6	0,150	2200	24	28	672	840
22	7	0,175	2000	24	28	672	840
22	8	0,200	1700	24	28	672	840
22	10	0,250	1300	24	28	672	840

Mini coil Bobinetta



Ø	mil	mm	m	Pack1
16	6	0,150	100	240
16	6	0,200 0,150	200	120
16	6	0,200	100	240
16	6		200	120

Legend / Legenda

Pack 1	Numer of coils per pallet for standard truck load Numero di bobine per pallet, carico standard su camion
100 x 100x 200	Pallet dimension / cm Dimensioni pallet / cm
Pack 2	Numer of coils on each pallet in 40" container load Numero di bobine per pallet in container da 40"
Tot 40" C	Total number of coils in 40" container load (on pallet) Numero totale di bobine in container da 40" (su pallet)
Tot 40" CB	As above for bulk load Come sopra per carico sfuso

Other mini coil option: 450 m/coil , 63 coil/PLT. / Altra opzione mini bobina: 450 m/bobina, 63 bobine per PLT.

SUPREME RioFlex

Polyethylene layflat hose 

Tubo distributore dedicato agli impianti di irrigazione a goccia

Main line designed for drip irrigation systems

Tuyau distributeur dédié aux systèmes d'irrigation à goutte

Tubo distribuidor específico para las instalaciones de riego por goteo

VANTAGGI

Forte
Flessibile
Pratico

ADVANTAGES

Strong
Flexible
Smart

AVANTAGES

Fort
Flexible
Efficace

VENTAJAS

Robusto
Flexible
Eficaz



Per l'utilizzatore **RioFlex** significa notevole risparmio di costo, tempo e fatica.

RioFlex un tubo distributore dedicato agli impianti di irrigazione a goccia.

RioFlex è prodotto in PE, materiale del quale sono noti i pregi e nel quale **SAB** ha una consolidata esperienza.

Su **RioFlex** utilizziamo tre diversi tipi di PE, per ottenere un tubo con caratteristiche apparentemente in antitesi fra loro.

RioFlex è infatti tenace e robusto, ma anche leggero e flessibile, il PE ha una bassissima scabrezza, per ridurre le perdite di carico, ed è poco sensibile alle dilatazioni termiche.

RioFlex può essere fornito con le derivazioni montate alla distanza desiderata, rendendo la posa dell'impianto, ed il recupero a fine stagione, estremamente rapidi.

Usa **RioFlex** seguendo le istruzioni fornite insieme al tubo, lui ti ripagherà con una lunga vita utile; al suo termine potrai riciclarlo, con le manichette.

For the end user, **RioFlex** means a huge saving in money, time and labour.

RioFlex, a manifold pipe specifically designed for drip irrigation systems. **RioFlex** is made of polyethylene, a well-known material, renowned for its virtues and on which **SAB** has long experience.

We use three different types of PE on **RioFlex**, to obtain a pipe with features apparently in contrast between themselves.

RioFlex is strong and tough, but light and flexible as well. Polyethylene has a low roughness rate, to reduce pressure loss and has very low sensitivity to thermal expansion.

RioFlex can be supplied with connections already installed at the required distance, to make the installation and the dismantling at the end of the irrigation season much faster.

Use **RioFlex** according to the instructions supplied with the pipe and it is going to pay you back with a long-lasting life after which it can be recycled along with the drip tape.



Un inserto, infinite connessioni

One off-take, endless connections

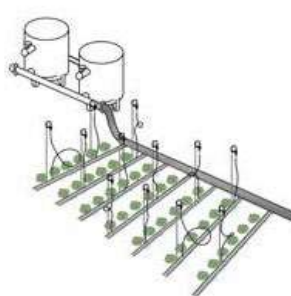
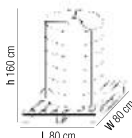
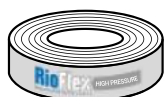
Un insert, connexions sans fin

Un injerto, conexiones sin fin

RioFlex

Polyethylene layflat hose

HIGH PRESSURE

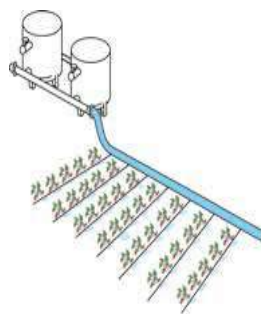
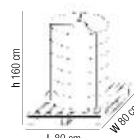
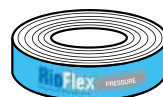


code	Ø mm	D"	mm	kg/m	bar	€/m	coil m	coils x pallet
4004G	53	2"	1,4	0,180	6,0	4,60	100	16
4004L	78	3"	1,5	0,246	6,0	7,50	100	10

RioFlex

Polyethylene layflat hose

PRESSURE

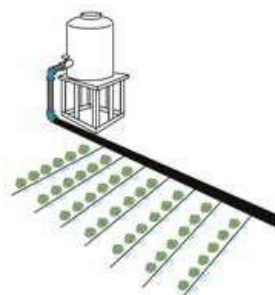
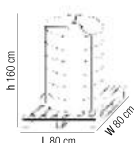
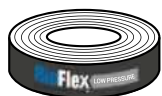


code	Ø mm	D"	mm	kg/m	bar	€/m	coil m	coils x pallet
4003G	53	2"	1,3	0,168	4,0	3,60	100	16
4003L	78	3"	1,4	0,216	4,0	6,30	100	10
4003M	104	4"	1,4	0,300	3,5	8,00	100	8
4003N	130	5"	1,5	0,400	2,5	10,50	100	7
4003P	156	6"	1,6	0,477	2,0	13,50	50	6

RioFlex

Polyethylene layflat hose

LOW PRESSURE

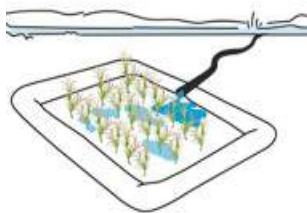
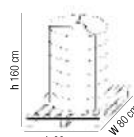


code	Ø mm	D"	mm	kg/m	bar	€/m	coil m	coils x pallet
4002G	53	2"	1,2	0,165	2,5	3,00	100	16
4002L	78	3"	1,3	0,210	2,2	5,00	100	10
4002M	104	4"	1,3	0,280	2,0	6,00	100	8

RioFlex

Polyethylene layflat hose

FREE FLOW



code	Ø mm	D"	mm	kg/m	bar	€/m	coil m	coils x pallet
4001G	53	2"	0,5	0,095	0,5	1,80	200	16
4001L	78	3"	0,6	0,115	0,4	2,50	200	10
4001M	104	4"	0,7	0,165	0,4	3,00	200	8
4001N	130	5"	0,8	0,250	0,3	4,00	200	7
4001P	156	6"	0,9	0,315	0,3	5,00	100	6

Canotto RioFlex

Barbed RioFlex connector

Manchon pour RioFlex

Empalme para RioFlex



CODE: 773000	RioFlex LAYflat	PACK	€
773000G000	53 - 2"	78B	4,24
773000L000	78 - 3"	38B	7,42
773000M000	104 - 4"	15B	9,33
773000N000	130 - 5"	-	47,80
773000P000	156 - 6"	-	55,50

Raccordo F/M RioFlex

RioFlex male adaptor

Raccord fileté pour RioFlex

Empalme macho para RioFlex



CODE: 773001	RioFlex LAYflat x D"	PACK	€
773001G00G	53 - 2" x 2"	98B	3,60
773001L00L	78 - 3" x 3"	36B	6,89
773001M00M	104 - 4" x 4"	18B	8,59
773001N00M	130 - 5" x 4"	-	...
773001P00M	156 - 6" x 4"	-	...

Tappo RioFlex

RioFlex plug
Bouchon pour RioFlex
Tapón para RioFlex



CODE: 773002	RioFlex LAYflat	PACK	€
773002G000	53 - 2"	145C	3,60
773002L000	78 - 3"	60B	6,89
773002M000	104 - 4"	28B	8,59
773002N000	130 - 5"	-	...
773002P000	156 - 6"	-	...

Fascetta in acciaio inox

Stainless steel strap
Bande en acier inox
Brida en acero inox



CODE: 773004	RioFlex LAYflat	BOLTS	L	PACK	€
773004G000	53 - 2"	M5	15	100C	4,70
773004L000	78 - 3"	M6	28	66C	5,65
773004M000	104 - 4"	M6	28	44C	6,60
773004N000	130 - 5"	M6	28	22C	7,30
773004P000	156 - 6"	M6	28	11C	7,90



Installazione

Installation / Installation / Instalacion



Inserto f/f 1/2" e Plug-In per RioFlex

Plug-In and 1/2" female threaded insert for RioFlex
Insert taraudé 1/2" et Plug-In pour RioFlex
Injerto rosca hembra 1/2" Plug-In para RioFlex



NEW

CODE: 02046	D"			PACK	€
0204601600BR	1/2"	12mm	16mm	500 C - 100 P	0,30

Chiave per inserti RioFlex

RioFlex fittings inserting tool
Clé pour dérivation RioFlex
Llave para injertar empalmes en el tubo RioFlex



CODE: 9198				PACK	€
9198000012	12mm	16mm		10 P	5,00

Adattatore per sprinkler

Sprinkler adaptor
Adapteur pour asperseur
Adaptador para aspersor



CODE: 02047	Ø x Ø		PACK	€
0204700100B	8 x 1/2"		1000 C - 100 P	0,20

Pinza foratrice per tubo RioFlex

RioFlex hose punch
Pince pour tuyau RioFlex
Perforadora para tubo RioFlex



CODE: 2001			PACK	€
2001016	16		36	140,00

Raccordo tape - RioFlex

Tape - RioFlex Off-Take
Raccord tape - RioFlex
Enlace tape - RioFlex



NEW

CODE: 02055	Ø		PACK	€
02055016014	16	14	500 B - 50 P	0,72
02055022014	22	14	300 B - 50 P	1,16

Valvolina tape - RioFlex

Tape - RioFlex Off-Take Valve
Vanne tape - RioFlex
Válvula tape - RioFlex



NEW

CODE: 02255	Ø		PACK	€
02255016014	16	14	250 B - 50 P	1,50
02255022014	22	14	200 B - 50 P	1,90

Tappo

Plug
Bouchon
Tapón



CODE: 02047	Ø		PACK	€
0204700000B	1/2"		1000 C - 100 P	0,20

Pinza foratrice per tubo RioFlex

RioFlex hose punch
Pince pour tuyau RioFlex
Perforadora para tubo RioFlex



CODE: 2001			PACK	€
2001014	14		36	140,00

Installazione

Installation / Instalacion



Forare
Punching
Percer
Agujerear



Inserire il raccordo
Push in the fitting
Insérer le raccord
Insertar el accesorio



Serrare la ghiera
Tighten the nut
Serrer l'écrou
Cerrar la tuerca

Installazione

Installation / Instalacion



Forare
Punching
Percer
Agujerear



Inserire il raccordo
Push in the fitting
Insérer le raccord
Insertar el accesorio



Serrare la ghiera
Tighten the nut
Serrer l'écrou
Cerrar la tuerca

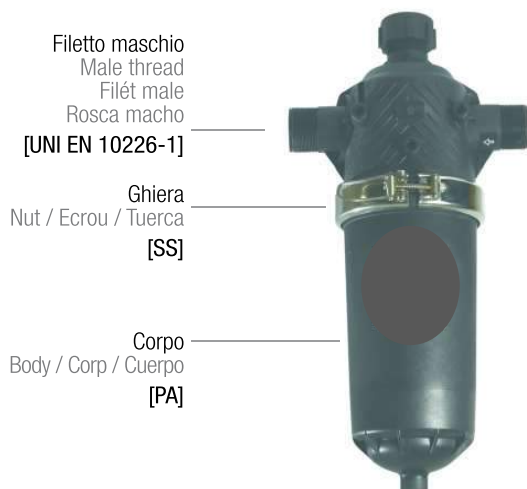
Last development
preassembled 1/2"
female outlet



NEW

Filters- Filtri

NEW



Filtro a dischi

Disc filter
Filtre á disques
Filtro a discos



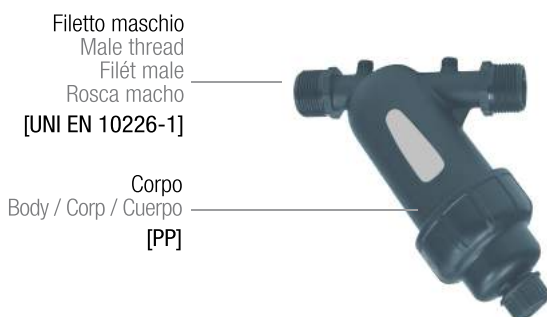
CODE: 9854	Ø	MC/H	PN	MESH	PACK	€
985401500G	2"	30	10	150	1	300,00
985401500L	3"	50	10	150	1	380,00

Cartuccia

Cartridge / Cartouche / Cartucho



						€
9854015002	2"			150	1	108,00
9854015003	3"			150	1	132,00



Filtro a rete inox

Stainless steel screen filter
Filtre a tamis
Filtro de malla



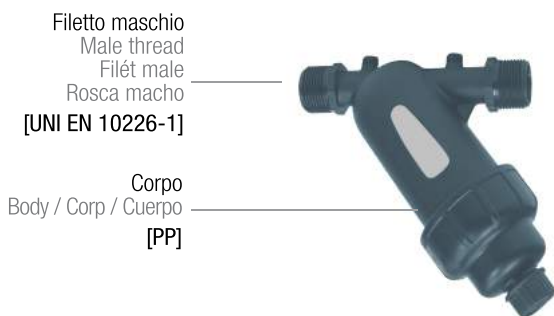
CODE: 9852	D"	MC/H	PN	MESH	PACK	€
985201200C	3/4"	8	8	120	60	17,80
985201200D	1"	8,5	8	120	60	17,80
985201200E	1" 1/4	15	8	120	25	31,47
985201200F	1" 1/2	24	8	120	25	31,47
985201200G	2"	26	8	120	13	58,00

Cartuccia

Cartridge / Cartouche / Cartucho



						€
9852012001	3/4"-1"			120	60	13,60
9852012002	1"1/4-1"1/2			120	60	20,80
9852012003	2"			120	60	33,27



Filtro a dischi

Disc filter
Filtre á disques
Filtro a discos



CODE: 9851	D"	MC/H	PN	MESH	PACK	€
985101200C	3/4"	7,5	8	120	60	22,93
985101200D	1"	8,5	8	120	60	22,93
985101200E	1" 1/4	9,5	8	120	25	48,60
985101200F	1" 1/2	25	8	120	25	48,60
985101200G	2"	27	8	120	13	75,40

Cartuccia

Cartridge / Cartouche / Cartucho



						€
9851012001	3/4"-1"			120	60	17,53
9851012002	1"1/4-1"1/2			120	60	29,47
9851012003	2"			120	60	47,47

Disk and Screen Filters - Filtri a Dischi ed a Rete

AVAILABLE UPON REQUEST / DISPONIBILE SU RICHIESTA

NEW

Caratteristiche:

Facile manutenzione

Unici: installazione veloce con raccordi ghiera folle

Resistenze a sostanze chimiche e fertilizzanti

Elementi di filtrazione intercambiabili: dischi e schermi compatibili con lo stesso corpo-filtro, con direzione opposta del flusso

Applicazioni: filtrazione d'acqua in agricoltura, irrigazione giardini, industriale, domestica

Specifiche tecniche:

Materiali: vedere **sotto**

Pressione Nominale: 10b

Filetti: BSP

Dimensioni: 3/4" ÷ 2"

Portata: 5-20 Cum/h

Elementi di filtrazione: Dischi, rete in Nylon/acciaio inox

Campo di filtrazione: 40 ÷ 200 mesh

Features:

Easy maintenance.

Unique: swivel quick installation.

Chemical and fertilizer resistant.

Interchangeable filtration elements: Disk and Screen elements fit same filter body, with opposite flow direction.

Application: Water filtration for Agriculture, landscape, industrial and domestic.

Technical specification:

Materials: See **below**

Max. Working pressure: 10kg/cm².

Threads: B.S.P.T or N.P.T.

Sizes: 3/4-2".

Flow rate: 5-20 Cum/h.

Filtration elements: Disk, Nylon/Stainless steel screen.

Filtration range: 40-200 mesh.



Male 2" Disk Filter



Swivel 2" Inox Screen Filter



Compact Swivel Filter 1 1/2"



Swivel 1" Disk Filter



Male 1" Nylon Screen Filter

ALL filters available in male and swivel connection

Tutti i filtri disponibili con connessione maschio e ghiera folle

Applications:

Water filtration for Agriculture, Turf, domestic and industrial applications.

Applicable for wide range of flows.

Technical Specifications:

Max. Working pressure, Filter is offered in two models:

- 10 bar (140 psi) Black body and Cup.

- 6 bar (95 psi) Grey body and Cup.

Flow rates: up to 50 m³/h (220 gpm).

Available sizes: 1"S, 1 1/2", 2"S, 3".

Models 2"S, 3" are offered in T and in line configurations.

Filtration elements: Stainless Steel weave wire screen or Grooved plastic discs.

Filtration range: 40 - 200 mesh (425 - 70 micron)

Threads: B.S.P.T. or N.P.T.

Applicazioni:

filtrazione d'acqua per agricoltura, irrigazione professionale e domestica.

utilizzabile per ampia gamma di portate.

Specifiche Tecniche:

Massima pressione di lavoro, filtri disponibili in due modelli:

- 10 bar (140 psi) corpo e tappo neri.

- 6 bar (95 psi) corpo e tappo grigio.

Portate : fino a 50 m³/h (220 gpm).

Misure disponibili : 1"S, 1 1/2", 2"S, 3".

Modelli 2"S, 3" sono disponibili nella configurazione a T ed in LINEA.

Elementi filtranti: rete in acciaio inox o disco in plastica .

Gamma di filtrazione: 40 - 200 mesh (425 - 70 micron)

Filetti: B.S.P.T. or N.P.T.



ValveBox - Pozzetti

STANDARD VALVE BOX - POZZETTI STANDARD



ROUNDED VALVE BOX - POZZETTO CIRCOLARE

Code	Valve Box	Bag	Box	€
107BCL	220 mm	-	1	10,74
111BCL	300 mm	-	1	17,93

RECTANGULAR VALVE BOX - POZZETTO RETTANGOLARE

Code	Valve Box	Bag	Box	€
113BCL	365 x 500	-	1	45,86
117BCL	500 x 640	-	1	85,23

LAST GENERATION VALVE BOX POZZETTI DI ULTIMA GENERAZIONE

Corpo
Body
Corp
Cuerpo
[PP]



Coperchio
Cover
Couvercle
Tapa
[PP]



Connessione tubi.
Pipe connections.
Branchements des tuyaux.
Conexiones de las tuberías.



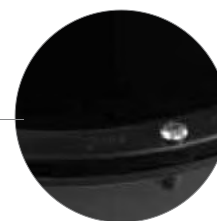
Predisposizione per fissaggio scatola di derivazione.
Wire box housing.
Compartment pour câblage électrique.
Predisposición para la fijación caja de derivación.



Fissaggio coperchio con viti autofilettanti.
Cover fixing with self tightening screws.
Couvercle avec fermeture par vis.
Fijación tapa con tornillos autoroscantes.



Montaggio contrapposto.
A simple solution to double the height.
Un système simple de réhausse.
Montaje contrapuesto.

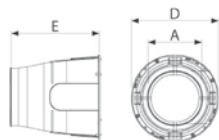


Fissaggio con viti o con fascetta.
Screw tightening or strap tightening.
Serrage par vis ou bande.
Fijación con tornillos o con abrazadera.

Pozzetto circolare

Round valve box / Regard ronde / Arqueta redonda

Mini

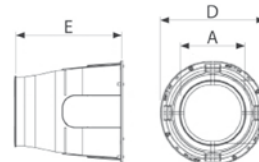


CODE: 2070	A	B	C	D	E	PACK	€
2070000	160	-	-	212	230	800	8,00

Pozzetto circolare

Round valve box / Regard ronde / Arqueta redonda

Large



CODE: 2071	A	B	C	D	E	PACK	€
2071000	240	-	-	300	250	400	12,00

Pozzetto ovale

Oval box / Regard ovale / Arqueta ovalada

Baby

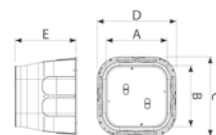


CODE: 2065	A	B	C	D	E	PACK	€
2065S015BV	200	150	-	-	127	240	11,40

Pozzetto quadrato

Square valve box / Regard carré / Arqueta cuadrada

Mini

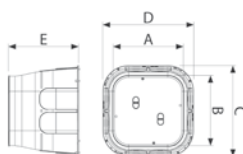


CODE: 2064	A	B	C	D	E	PACK	€
2064S020BV	175	175	250	250	210	210	13,10

Pozzetto quadrato

Square valve box / Regard carré / Arqueta cuadrada

Medium

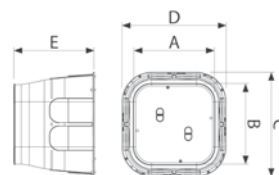


CODE: 2064	A	B	C	D	E	PACK	€
2064S030BV	222	222	315	315	230	168	18,50

Pozzetto quadrato

Square valve box / Regard carré / Arqueta cuadrada

Large

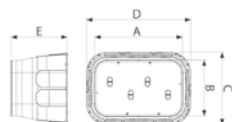


CODE: 2064	A	B	C	D	E	PACK	€
2064S040BV	290	290	400	400	300	96	31,70

Pozzetto rettangolare

Rectangular valve box / Regard rectangulaire / Arqueta rectangular

Standard

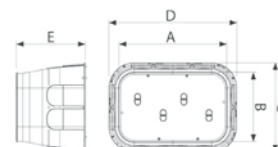


CODE: 02074	A	B	C	D	E	PACK	€
02074S4050BV	400	270	390	525	300	100	45,00

Pozzetto rettangolare

Rectangular valve box / Regard rectangulaire / Arqueta rectangular

Jumbo



CODE: 02074	A	B	C	D	E	PACK	€
02074S5060BV	445	370	520	600	300	100	60,00

Accessori

Accessories / Accessoires / Accesorios



Fondo
Base closure / Fond / Fondo



Separatore
Partition / Cloison de compartimentation
Separador



Portapalo
Lamp post holder / Support pour
poteau de luminaire / Soporte



Staffa per morsettiera
Terminal block clamp / Crochet
de serrage / Clip de fijación

Grab

Grigliato in HDPE per prati carrabili

HDPE Grass saver
Dalle gazon en HDPE
Rejilla para césped en HDPE

VANTAGGI

Robusto
Leggero
Ecologico

ADVANTAGES

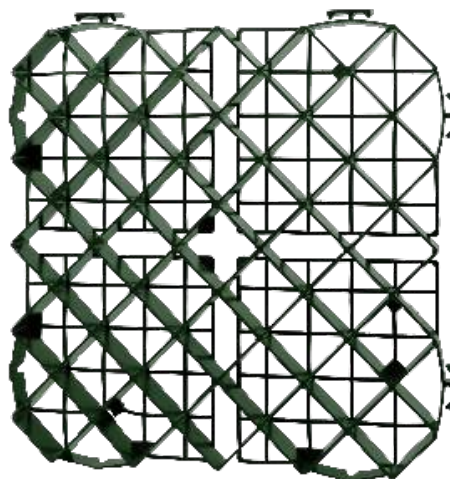
Strong
Light
Eco-friendly

AVANTAGES

Robuste
Lègere
Écologique

VENTAJAS

Robusto
Ligero
Ecológico



CODE: 07000	L mm	L1 mm	H mm	ton / m ²	pallet cm	pcs x plt	m ² x plt	pcs x m ²	€/m ²
0700040V	395	395	40	200	120 x 80 x 120	162	25	6,5	35,00
0700050V	395	395	50	200	120 x 80 x 120	132	20	6,5	40,00

Installazione

Installation / Installation / Instalacion

Prato
Grass

GRAB su terreno
GRAB with suitable ground

Sabbia
Sand

Stabilizzato
Mixed gravel

Suolo del sito
Ground site



Canyon

Embrice in PP per canale di scolo

PP Water run-off channel

Descent d'eau en PP

Alcantarillas para el drenaje de las aguas de carreteras en PP

VANTAGGI

Leggero
Sicuro
Veloce

ADVANTAGES

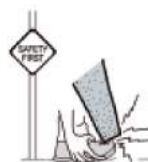
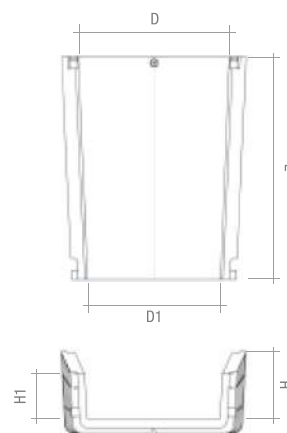
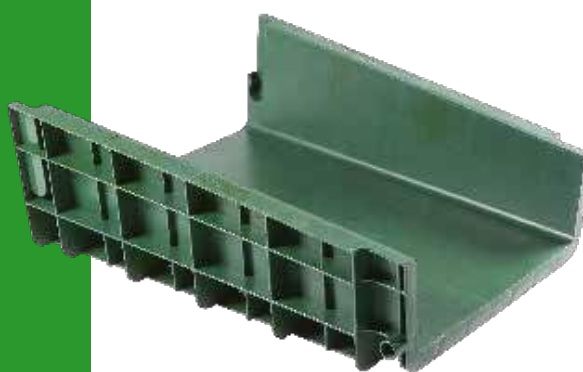
Light
Safe
Fast

AVANTAGES

Lègere
Sécure
Rapide

VENTAJAS

Ligero
Seguro
Rápido



CODE: 50009

L mm

D mm

D1 mm

H mm

H1 mm

pallet cm

pcs x plt

€/pc

50009

500

340

300

150

100

130 x 110 x 220

120

30,00

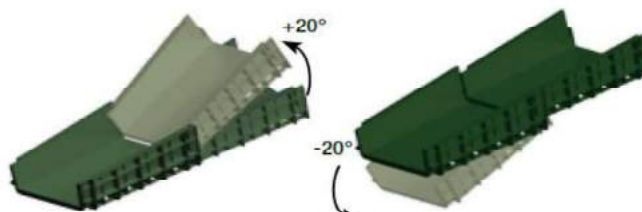
Installazione

Installation / Installation / Instalacion



Il sistema Canyon è composto da singoli elementi, collegabili fra loro tramite incastratura manuale. L'aggancio avviene calando l'elemento superiore su quello inferiore. Il sistema di aggancio a perni consente una rotazione degli elementi da +20° a -20° rispetto l'asse mediano, consentendo adeguare il canyon alla pendenza del terreno dove viene posato.

The Canyon system is made up of individual parts which can be connected together by hand, placing the upper part over the lower one. The jointing system, carried out by means of cylindrical pins, allow the parts to rotate from +20° to -20°, thus allowing the channel system to follow the slope of the land. insertar el accesorio.



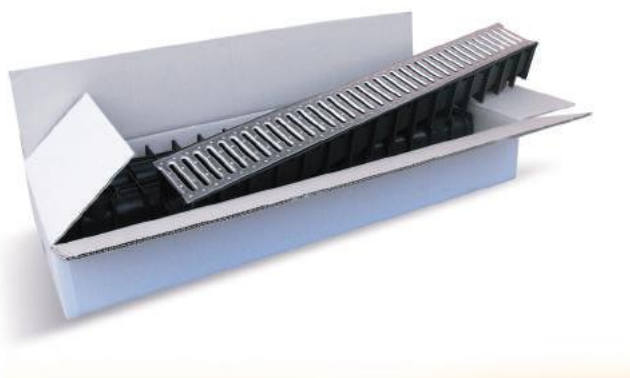
the do it yourself drainage channel il canale fai da te



supreme
Drain kit
water drainage system

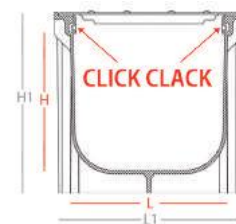
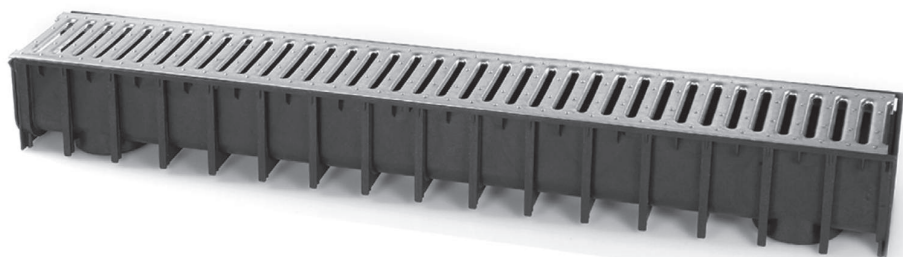
light,
easy,
fast

leggero,
pratico,
veloce



Single channel with galvanized steel slotted grid

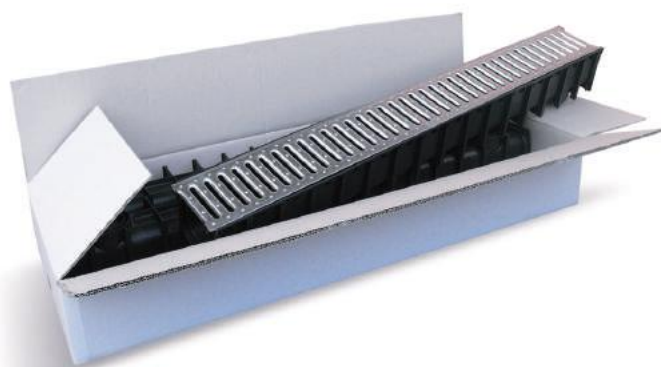
Canale singolo con griglia a pioli in acciaio zincato



channel dimension dimensioni canale			pallet	components componenti		complete channel canale completo
internal mm / interne mm	external mm / interne mm	weight / peso		channel PP / canale PP	grid / griglia	€
L H	L1 H1	kg	n.	code 5171010	code 508A10	code 5171010508AZ
100 - 100	125 - 117	2,2	80	n.1	n.1	16,00

Kit 3 channel + 2 head plugs

Kit 3 canali + 2 tappi testata



dimension box dimensione scatola	pallet	components componenti		complete kit kit completo
L x H x P cm	n.	channel PP / canale PP	grid / griglia	head plug / tappo testata
€				
100 x 40 x 12	20	n.3	n.3	n.2
				50,00



INDUSTRIAL VERSION AVAILABLE UPON REQUEST
VERSIONE INDUSTRIALE DISPONIBILE SU RICHIESTA

Cast Iron Fittings UNI EN 10242 Industrial Components

Raccordi in Ghisa Malleabile UNI EN 10242 Componenti Industriali



INFORMAZIONI GENERALI

Raccordi in ghisa malleabile – UNI EN 10242

REALIZZAZIONE DEL PRODOTTO

Le caratteristiche dei raccordi in ghisa malleabile usati per impianti idraulici, gas ed altro sono in accordo con le norme internazionali ISO-49 e con le norme europee EN 10242.

PROPRIETÀ MECCANICHE

I materiali utilizzati sono in accordo con la norma EN 1562 per quanto riguarda le proprietà meccaniche.

MATERIALE

Il materiale utilizzato è ghisa malleabile conforme alla prescrizione della EN 1562.

Il tipo di ghisa disponibile è:

- tipo EN-GJMW-400-5 ghisa malleabile cuore bianco class A.
- tipo EN-GJMB-350-10 ghisa malleabile cuore nero class A.

ZINCATURA AD IMMERSIONE A CALDO

La zincatura viene fatta a mezzo immersione e lo spessore medio è da 70 a 80 micron, a seconda della superficie e la figura del campione.

La protezione della superficie con l'applicazione di zinco è in accordo con EN 10242, art. 5.2.

I tenori in massa degli elementi di lega presenti nel rivestimento di zinco finito non risultano maggiori dei seguenti valori massimi in accordo alla EN 10242 art. 5.2.1:

alluminio	0,10%
antimonio	0,01%
arsenico	0,02%
bismuto	0,01%
cadmio	0,01%
rame	0,10%
piombo	1,6%, in singoli casi 1,8%
stagno	0,10%

FILETTATURA

Filettatura di accoppiamento: i raccordi sono filettati secondo la ISO 7-1. Le filettature esterne sono coniche (R), quelle interne sono cilindriche (Rp).

Filettatura di fissaggio: le filettature dei controdadi, dei dadi per bocchettoni e le relative filettature associate sono conformi alla ISO 228-1.

PROGETTAZIONE

I raccordi sono identificati con simbolo di progettazione:

Simbolo di progettazione	Tipo di filettatura		Tipo di materiale
	Esterna	Interna	
A	Conico	Cilindrico	EN-GJMW-400-5
	R	Rp	EN-GJMB-350-10

I raccordi sono rinforzati in corrispondenza della estremità filettata all'interno, per mezzo di una banda o di un bordo arrotondato, tranne nel caso in cui essi presentino forma poligonale correlata alla larghezza in chiave oppure abbiano bocche laterali.

TOLLERANZA

In accordo a norma EN 10242.

TEST IDRAULICO

Tutti i raccordi forniti superano il controllo del test idraulico (EN 10242, art. 11.4) e il controllo a vista finale (EN 10242, art. 11.5). Viene applicata una pressione idrostatica interna di almeno 20 bar.

PROTEZIONE

Come protezione provvisoria alla ruggine viene usato uno speciale rivestimento atossico.

Su richiesta degli acquirenti possiamo fornire raccordi neri o raccordi zincati a caldo.

MARCATURA

I raccordi sono marcati riportando in fase di fusione del getto i seguenti dati:

- a) Il marchio del fabbricante.
- b) Le dimensioni del raccordo.

Le marcature effettuate sono in accordo alla EN 10242, art.14.

RELAZIONE TRA DIMENSIONI DEI RACCORDI E DIMENSIONI NOMINALI (DN)

Tale relazione è solo a titolo orientativo.

1/8	6	11/2	40
1/4	8	2	50
3/8	10	21/2	65
1/2	15	3	80
3/4	20	4	100
1	25	5	125
1 1/4	32	6	150

GARANZIA DELLA QUALITÀ

Il sistema di gestione qualità è certificato in base alla norma UNI EN ISO 9001:2000.

INDICAZIONI DEL PESO

Le indicazioni del peso riportate in questo listino valori indice sono da considerarsi solo a titolo indicativo, per motivi di carattere tecnico produttivo i raccordi in ghisa possono presentare delle differenze nel peso.

IMBALLO

Tutti i raccordi vengono imballati in cartoni. I raccordi di dimensioni fino a 1" vengono confezionati aggiuntivamente in sacchetti di plastica da 10 pezzi.

BIBLIOGRAFIA

UNI EN 10242-ISO 49: Raccordi di tubazione filettati di ghisa malleabile.
ISO7-2: Pipe threads where pressure tight joints are made on the threads.
ISO 228-2: Pipe threads where pressure tight joints are not made on threads.
ISO 1460: Metallic coatings.
ISO 2178: Non magnetic coating on magnetic substrates.
ISO 2859: Sampling procedures for inspection by attributes.

GENERAL INFORMATION

Malleable cast iron pipe fittings – UNI EN 10242 rule

PRODUCT

The characteristic of malleable cast iron fittings used for water, gas and other installations are in accordance with ISO-49 International rule and EN 10242 European rules.

MECHANICAL PROPERTIES

Materials used are in accordance with EN 1562 rule as regards mechanical properties.

MATERIAL

The material used is malleable cast iron in accordance with EN 1562 rule.

Cast iron available is :

- EN-GJMW-4005 (white heart malleable cast iron class A).
- EN-GJMB-350-10 (black heart malleable cast iron class A).

HOT DIPPING GALVANIZATION

Galvanization is done by dipping and medium thickness is from 70 to 80 micron according to the surface and the size of the champion.

The zinc surface protection is in accordance with EN 10242 rule, art. 5.2.

The total quantity of the alloy elements in the zinc covering are not higher of the following maximum value according to EN 10242 rule, art. 5.2.1:

Aluminium	0,10%
Antimony	0,01%
Arsenic	0,02%
Bismuth	0,01%
Cadmium	0,01%
Copper	0,10%
Lead	1,6% on single cases 1,8%

Tin 0,10%

THREAD

Fit thread: fittings are threaded according to ISO 7-1 rule. The external threads are taper (R), the internal threads are parallel (Rp).

Fastening thread : threads of the nuts and of the union nuts are in accordance with ISO 228-1 rule.

DESIGN

Fittings are identified with the design symbol as follow:

Design symbol	Type of thread		Type of material
	External thread	Internal thread	
A	Taper	Parallel	EN-GJMW-400-5
	R	Rp	EN-GJMB-350-10

Fittings are strengthen in connection with the inside extremity thread by a bands or a rounded edge except in case they have a polygonal form like the length in key or have lateral hole.

TOLERANCE

In accordance with EN 10242 rule.

WATER TEST

All fittings supplied have passed the water test (EN 10242 rule, art. 11.4) and the last sight control (EN 10242 rule, art. 11.5). An inside hydrostatic pressure of at least 20 bar is applied.

PROTECTION

As a temporary protection against superficial rust a special atoxic protective layer is also applied. Buyers can ask for black malleable cast iron fittings or hot galvanized malleable cast iron fittings.

BRAND

During melting fittings are branded with the following:

- Brand of manufacturer
- Size of fitting.

Brands are in accordance with EN 10262 rule, art. 14.

RELATION BETWEEN FITTINGS SIZES AND NOMINAL SIZES (DN)

1/8	6	11/2	40
1/4	8	2	50
3/8	10	21/2	65
1/2	15	3	80
3/4	20	4	100
1	25	5	125
11/4	32	6	150

GUARANTEE OF THE QUALITY

The quality management is certified in accordance with UNI EN ISO 9001:2000 rule.

WEIGHTS

The weights given in this index list are nominal value.

Difference in weight can occur in cast products for technical production reasons.

PACKAGING

Fittings of all size are packed in cardboard boxes. Fittings up to 1" size are additionally packaged in plastic bags in set of 10.

BIBLIOGRAPHY

UNI EN 10242-ISO 49: Malleable cast iron fittings.

ISO7-2: Pipe threads where pressure tight joints are made on the threads.

ISO 228-2: Pipe threads where pressure tight joints are not made on threads.

ISO 1460: Metallic coatings.

ISO 2178: Not magnetic coating on magnetic substrates.

ISO 2859: Sampling procedures for inspection by attributes.

1	iso G4	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Curva lunga 90° mf Long sweep bend 90° mf		1/8	N00118	6,10	Z00118	7,54	40	150
		1/4	N00114	5,10	Z00114	6,24	60	120
		3/8	N00138	6,10	Z00138	7,64	80	80
		1/2	N00112	5,48	Z00112	6,86	130	120
		3/4	N00134	9,50	Z00134	11,92	205	60
		1	N0011	12,80	Z0011	16,24	325	60
		1 1/4	N001114	22,54	Z001114	27,96	555	35
		1 1/2	N001112	29,04	Z001112	36,98	785	25
		2	N0012	48,10	Z0012	59,60	1210	15
		2 1/2	N001212	104,82	Z001212	133,98	2405	4
		3	N0013	135,74	Z0013	171,88	3550	3
		4	N0014	246,26	Z0014	312,00	6700	1
		6	-	-	Z0016	1.602,97	11850	s.c.

1/a	iso D4	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Curva corta 90° mf Short bend 90° mf		1/4	N001A14	5,00	Z001A14	6,14	40	400
		3/8	N001A38	5,72	Z001A38	7,12	66	80
		1/2	N001A12	5,00	Z001A12	6,24	120	50
		3/4	N001A34	7,80	Z001A34	9,60	166	30
		1	N001A1	10,38	Z001A1	12,90	274	20
		1 1/4	N001A114	15,16	Z001A114	19,44	500	10
		1 1/2	N001A112	22,12	Z001A112	27,96	650	8
		2	N001A2	39,54	Z001A2	48,94	1122	4
		2 1/2	N001A212	65,22	Z001A212	82,34	1600	s.c.
		3	N001A3	98,98	Z001A3	125,18	2546	s.c.
		4	N001A4	231,98	Z001A4	293,70	5079	s.c.
		6	N001A6	953,41	Z001A6	1.340,70	11850	s.c.

2	iso G1	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Curva lunga 90° ff Long sweep bend 90° ff		1/4	N00214	5,52	Z00214	6,66	60	100
		3/8	N00238	5,88	Z00238	7,64	105	60
		1/2	N00212	6,24	Z00212	7,74	140	80
		3/4	N00234	9,76	Z00234	11,96	230	60
		1	N0021	12,80	Z0021	16,24	355	50
		1 1/4	N002114	22,64	Z002114	28,06	625	30
		1 1/2	N002112	27,90	Z002112	34,50	820	23
		2	N0022	38,46	Z0022	47,90	1595	12
		2 1/2	N002212	106,56	Z002212	134,72	2435	4
		3	N0023	133,84	Z0023	169,36	3825	3
		4	N0024	253,54	Z0024	321,06	6030	1

2/a	iso D1	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Curva corta 90° ff Short bend 90° ff		1/4	N002A14	6,04	Z002A14	7,44	64	250
		3/8	N002A38	5,10	Z002A38	6,14	84	60
		1/2	N002A12	4,74	Z002A12	6,04	114	50
		3/4	N002A34	6,40	Z002A34	8,26	186	30
		1	N002A1	9,96	Z002A1	12,80	312	15
		1 1/4	N002A114	14,86	Z002A114	19,14	530	10
		1 1/2	N002A112	20,32	Z002A112	25,78	626	5
		2	N002A2	31,92	Z002A2	41,30	1230	3
		2 1/2	N002A212	59,92	Z002A212	75,58	1900	s.c.
		3	N002A3	103,32	Z002A3	130,74	2600	s.c.
		4	N002A4	217,92	Z002A4	276,00	500	s.c.
		5	N002A5	663,42	Z002A5	961,64	7710	s.c.
		6	N002A6	1.039,11	Z002A6	1.399,01	12500	s.c.

3	iso G8	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
		1/2	N00312	-	Z00312	11,86	115	50
		3/4	N00334	-	Z00334	13,30	193	30
		1	N0031	15,32	Z0031	19,08	306	20
		1 1/4	N003114	-	Z003114	36,46	577	40
		1 1/2	N003112	40,94	Z003112	51,62	776	40
		2	N0032	55,06	Z0032	69,66	1294	14
Curva lunga 90° mm Long sweep bend 90° mm								

3/a		DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
		3/8	N003A38	10,16	Z003A38	10,72	72	150
		1/2	N003A12	10,85	Z003A12	12,97	86	300
		3/4	N003A34	11,99	Z003A34	14,36	132	150
		1	N003A1	17,34	Z003A1	20,55	220	100
		1 1/4	N003A114	32,39	Z003A114	39,21	401	50
		1 1/2	N003A112	46,28	Z003A112	55,53	500	40
		2	N003A2	62,31	Z003A2	74,98	884	20
Curva corta 90° mm Short sweep bend 90° mm								

40	iso G4/45°	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
		1/4	N04014	7,58	Z04014	9,24	40	100
		3/8	N04038	6,82	Z04038	8,42	60	80
		1/2	N04012	6,24	Z04012	7,74	100	100
		3/4	N04034	8,42	Z04034	10,48	155	70
		1	N0401	11,92	Z0401	14,66	240	40
		1 1/4	N040114	20,52	Z040114	25,58	400	25
		1 1/2	N040112	24,66	Z040112	30,42	500	15
		2	N0402	38,78	Z0402	48,20	820	8
		2 1/2	N040212	84,60	Z040212	107,02	1600	4
		3	N0403	92,12	Z0403	116,78	2260	6
Curva lunga 45° mf Long sweep bend 45° mf		4	N0404	208,06	Z0404	263,28	3470	2

41	iso G1/45°	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
		3/8	N04138	7,84	Z04138	9,70	85	60
		1/2	N04112	7,58	Z04112	9,24	110	100
		3/4	N04134	9,34	Z04134	11,72	175	60
		1	N0411	12,08	Z0411	14,96	290	30
		1 1/4	N041114	21,36	Z041114	26,82	465	20
		1 1/2	N041112	27,96	Z041112	35,42	600	12
		2	N0412	39,54	Z0412	49,70	950	6
		2 1/2	N041212	77,70	Z041212	98,10	1730	4
		3	N0413	98,88	Z0413	125,08	2660	6
		4	N0414	310,91	Z0414	278,12	4000	1
Curva lunga 45° ff Long sweep bend 45° ff								

[illegible]

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/8	N09018	4,12	Z09018	5,00	24	800
1/4	N09014	3,40	Z09014	4,02	42	250
3/8	N09038	2,78	Z09038	3,58	60	200
1/2	N09012	1,80	Z09012	2,42	86	150
3/4	N09034	2,88	Z09034	3,84	122	80
1	N0901	4,44	Z0901	5,62	190	100
1 1/4	N090114	8,74	Z090114	10,80	330	60
1 1/2	N090112	14,04	Z090112	17,33	442	50
2	N0902	16,24	Z0902	20,48	762	25
2 1/2	N090212	47,44	Z090212	59,96	1180	15
3	N0903	66,04	Z0903	82,18	1800	10
4	N0904	116,36	Z0904	147,14	3000	4
5	N0905	364,49	Z0905	541,04	5300	s.c.
6	N0906	615,71	Z0906	893,25	8500	s.c.

[illegible]

92	iso A4	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
		1/8	N09218	4,74	Z09218	6,04	20	700
		1/4	N09214	3,52	Z09214	4,38	36	300
		3/8	N09238	3,40	Z09238	4,02	53	250
		1/2	N09212	2,32	Z09212	2,78	79	150
		3/4	N09234	3,58	Z09234	4,38	124	80
		1	N0921	5,72	Z0921	7,34	196	100
		1 1/4	N092114	10,39	Z092114	12,60	320	55
		1 1/2	N092112	15,17	Z092112	18,92	500	45
		2	N0922	19,76	Z0922	24,86	740	25
		2 1/2	N092212	49,80	Z092212	61,86	1379	15
		3	N0923	65,42	Z0923	81,46	1700	10
		4	N0924	109,92	Z0924	139,10	3200	4

Gomito 90° mf

Elbow 90° mf

92/r		iso A4		DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
		3/4	1/2	N092R3412	9,14	Z092R3412	11,50	156	50	
		1	1/2	N092R112	12,80	Z092R112	17,34	163	110	
		1	3/4	N092R134	12,08	Z092R134	14,96	163	50	
		1 1/4	1	N092R1141	17,34	Z092R1141	21,56	269	30	
Gomito 90° ridotto fm Elbow 90° male thread reduced fm										
		F	M							

95	iso UA1	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
		3/8	N09538	16,96	Z09538	21,20	168	40
		1/2	N09512	13,26	Z09512	16,50	238	30
		3/4	N09534	14,60	Z09534	18,06	422	20
		1	N0951	18,00	Z0951	22,54	530	20
		1 1/4	N095114	31,20	Z095114	39,18	688	10
		1 1/2	N095112	43,42	Z095112	54,86	880	8
		2	N0952	64,92	Z0952	81,72	1370	6
		2 1/2	-	-	Z095212	207,17	2595	6
		3	-	-	Z0953	268,83	3640	4
Gomito con bocchettone piano ff Union elbow ff, flat seat		guarnizioni per bocchettoni pag. 24. washers for union pag. 24.						

96	iso UA11	DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
		1/4	N09614	19,14	Z09614	23,78	116	160
		3/8	N09638	18,00	Z09638	22,48	143	40
		1/2	N09612	13,20	Z09612	16,66	229	60
		3/4	N09634	15,26	Z09634	19,28	338	45
		1	N0961	22,02	Z0961	27,64	534	20
		1 1/4	N096114	37,08	Z096114	46,04	825	10
		1 1/2	N096112	43,42	Z096112	54,86	981	8
		2	N0962	73,16	Z0962	92,50	1581	6
		2 1/2	N096212	156,62	Z096212	198,28	2640	6
		3	N0963	203,12	Z0963	257,46	3520	3
Gomito con bocchettone conico ff								
Union elbow ff, taper seat								

97**iso UA2**

Gomito con bocchettone piano mf
Union elbow mf, flat seat

DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
3/8	N09738	16,96	Z09738	21,20	181	30
1/2	N09712	13,42	Z09712	16,92	271	20
3/4	N09734	16,20	Z09734	20,38	422	17
1	N0971	20,38	Z0971	25,88	530	15
1 1/4	N097114	34,86	Z097114	45,02	800	10
1 1/2	N097112	47,28	Z097112	59,70	1000	7
2	N0972	68,72	Z0972	86,98	1550	5
2 1/2	-	-	Z097212	225,95	2610	4
3	-	-	Z0973	302,73	4100	3

guarnizioni per bocchettoni pag. 24.
washers for union pag. 24.

98**iso UA12**

Gomito con bocchettone conico mf
Union elbow mf, taper seat

DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/4	N09814	17,80	Z09814	21,98	128	80
3/8	N09838	16,20	Z09838	19,96	160	30
1/2	N09812	13,26	Z09812	16,72	239	50
3/4	N09834	16,92	Z09834	21,20	351	35
1	N0981	23,16	Z0981	29,04	605	15
1 1/4	N098114	38,36	Z098114	48,68	907	10
1 1/2	N098112	48,00	Z098112	59,60	1142	7
2	N0982	77,96	Z0982	98,52	1755	5
2 1/2	N098212	173,02	Z098212	218,84	2800	4
3	N0983	231,46	Z0983	293,32	3500	3

120**iso A1/45°**

Gomito 45° ff
Elbow 45° ff

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/4	N12014	8,87	Z12014	11,46	41	400
3/8	N12038	7,84	Z12038	9,70	52	300
1/2	N12012	6,40	Z12012	8,16	84	70
3/4	N12034	7,90	Z12034	10,06	120	40
1	N1201	11,67	Z1201	14,60	180	50
1 1/4	N120114	20,88	Z120114	26,56	286	45
1 1/2	N120112	25,78	Z120112	32,44	414	30
2	N1202	33,46	Z1202	42,34	658	20
2 1/2	N120212	69,08	Z120212	87,34	990	10
3	N1203	68,10	Z1203	86,16	1300	5
4	N1204	216,50	Z1204	305,64	2812	3
6	N1206	579,30	Z1206	819,82	6000	s.c.

121**iso A1/45°**

Gomito 45° mf
Elbow 45° mf

DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/4	N12114	7,26	Z12114	9,09	31	500
3/8	N12138	6,10	Z12138	7,58	48	300
1/2	N12112	5,88	Z12112	7,48	74	200
3/4	N12134	7,64	Z12134	9,50	119	150
1	N1211	11,67	Z1211	14,60	204	90
1 1/4	N121114	21,56	Z121114	27,34	314	50
1 1/2	N121112	23,42	Z121112	29,44	436	35
2	N1212	29,66	Z1212	37,28	740	20
2 1/2	N121212	57,54	Z121212	72,90	998	12
3	N1213	70,84	Z1213	89,60	1361	6
4	N1214	237,87	Z1214	332,83	2876	s.c.

130	iso B1	DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
	Ti Tee	1/8	N13018	5,22	Z13018	6,40	34	400
		1/4	N13014	4,64	Z13014	5,84	54	150
		3/8	N13038	4,12	Z13038	5,00	80	120
		1/2	N13012	2,62	Z13012	3,24	110	100
		3/4	N13034	4,48	Z13034	5,62	186	100
		1	N1301	6,50	Z1301	8,26	280	70
		1 1/4	N130114	11,88	Z130114	14,60	464	40
		1 1/2	N130112	18,20	Z130112	22,70	656	30
		2	N1302	26,14	Z1302	31,92	1010	20
		2 1/2	N130212	58,82	Z130212	73,16	1580	10
		3	N1303	78,68	Z1303	97,74	2200	8
		4	N1304	151,30	Z1304	191,42	3800	4
		5	N1305	540,75	Z1305	800,56	6803	s.c.
		6	N1306	812,18	Z1306	1.122,11	10000	s.c.

130/r	iso B1	DIAMETRO Ø			CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
	Ti, derivazione ridotta Tee, reducing on branch	3/8	1/4	3/8	N13R381438	8,30	Z13R381438	10,48	68	80
		3/8	1/2	3/8	N13R381238	6,34	Z13R381238	7,80	92	50
		1/2	1/4	1/2	N13R121412	6,50	Z13R121412	8,30	104	50
		1/2	3/8	3/8	N13R123838	6,10	Z13R123838	7,58	94	50
		1/2	3/8	1/2	N13R123812	5,36	Z13R123812	6,46	100	50
		1/2	1/2	3/8	N13R121238	5,88	Z13R121238	7,58	114	50
		1/2	3/4	1/2	N13R123412	5,88	Z13R123412	7,38	166	40
		1/2	1	1/2	N13R12112	12,80	Z13R12112	16,20	220	30
		3/4	1/4	3/4	N13R341434	8,98	Z13R341434	11,14	133	30
		3/4	3/8	1/2	N13R343812	6,82	Z13R343812	8,62	119	30
		3/4	3/8	3/4	N13R343834	6,40	Z13R343834	7,90	135	30
		3/4	1/2	3/8	N13R341238	11,04	Z13R341238	13,62	134	120
		3/4	1/2	1/2	N13R341212	5,26	Z13R341212	6,46	130	30
	Ti, derivazione e passaggio ridotto Tee, reducing on branch and run	3/4	1/2	3/4	N13R341234	4,80	Z13R341234	6,04	166	120
		3/4	3/4	3/8	N13R343438	9,14	Z13R343438	11,50	150	80
		3/4	3/4	1/2	N13R343412	6,10	Z13R343412	7,70	174	50
		3/4	1	1/2	N13R34112	11,92	Z13R34112	15,02	216	100
		3/4	1	3/4	N13R34134	10,22	Z13R34134	12,48	280	25
		1	1/4	1	N13R1141	16,66	Z13R1141	21,04	192	100
		1	3/8	1	N13R1381	10,68	Z13R1381	13,52	240	50
		1	1/2	1/2	N13R11212	11,04	Z13R11212	13,62	198	30
		1	1/2	3/4	N13R11234	7,74	Z13R11234	9,70	220	30
		1	1/2	1	N13R1121	6,34	Z13R1121	7,84	232	100
		1	3/4	1/2	N13R13412	9,96	Z13R13412	12,34	210	25
		1	3/4	3/4	N13R13434	7,84	Z13R13434	9,86	248	40
		1	3/4	1	N13R1341	6,92	Z13R1341	8,46	280	80
	Ti, derivazione ingrandita Tee, increasing on branch	1	1	1/2	N13R1112	8,28	Z13R1112	10,34	254	40
		1	1	3/4	N13R1134	9,04	Z13R1134	11,40	281	35
		1	1 1/4	1	N13R11141	15,58	Z13R11141	19,66	408	12
		1	1 1/2	1	N13R11121	19,40	Z13R11121	24,60	522	12
		1 1/4	3/8	1 1/4	N13R11438114	15,48	Z13R11438114	19,40	288	20
		1 1/4	1/2	1	N13R114121	12,34	Z13R114121	15,32	431	30
		1 1/4	1/2	1 1/4	N13R11412114	10,44	Z13R11412114	13,11	346	60
		1 1/4	3/4	3/4	N13R1143434	15,78	Z13R1143434	19,76	260	30
		1 1/4	3/4	1	N13R114341	14,40	Z13R114341	17,90	329	30
		1 1/4	3/4	1 1/4	N13R11434114	11,36	Z13R11434114	13,88	372	50
		1 1/4	1	3/4	N13R114134	16,60	Z13R114134	20,78	329	40
		1 1/4	1	1	N13R11411	14,08	Z13R11411	17,44	340	25
		1 1/4	1	1 1/4	N13R1141114	12,48	Z13R1141114	15,52	408	50
	Ti, passaggio ridotto Tee, reducing on run	1 1/4	1 1/4	1/2	N13R11411412	16,20	Z13R11411412	20,26	380	35
		1 1/4	1 1/4	3/4	N13R11411434	18,88	Z13R11411434	23,52	385	10
		1 1/4	1 1/4	1	N13R1141141	15,58	Z13R1141141	19,80	436	10
		1 1/4	1 1/2	1	N13R1141121	24,24	Z13R1141121	30,64	504	15
		1 1/4	1 1/2	1 1/4	N13R114112114	24,44	Z13R114112114	30,84	460	9
		1 1/4	2	1 1/4	N13R1142114	29,40	Z13R1142114	36,98	794	6
		1 1/2	3/8	1 1/2	N13R11238112	20,88	Z13R1121234	26,50	294	17
		1 1/2	1/2	3/4	—	—	Z13R11212114	20,16	389	25
		1 1/2	1/2	1 1/4	N13R11212114	16,20	Z13R11238112	20,48	343	10
		1 1/2	1/2	1 1/2	N13R11212112	14,08	Z13R11212112	17,70	438	40
		1 1/2	3/4	1 1/4	N13R11234114	21,20	Z13R11234112	27,02	468	40
		1 1/2	3/4	1 1/2	N13R11234112	15,16	Z13R11234114	19,14	405	s.c.
		1 1/2	1	3/4	—	—	Z13R112134	23,07	431	15

131	iso E1	DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Ti a una curva Pitcher tee		1/2	N13112	10,38	Z13112	13,20	168	30
		3/4	N13134	13,10	Z13134	16,66	286	20
		1	N1311	19,70	Z1311	25,16	422	10
		1 1/4	N131114	26,60	Z131114	34,08	710	8
		1 1/2	N131112	39,54	Z131112	49,80	940	3
		2	N1312	55,94	Z1312	71,76	1700	2
		2 1/2	N131212	112,18	Z131212	141,92	2800	s.c.
		4	N1314	254,16	Z1314	322,14	6000	s.c.

132	iso E2	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Ti a due curve Twin elbow		1/2	N13212	14,28	Z13212	17,80	185	100
		3/4	N13234	15,52	Z13234	19,66	298	60
		1	N1321	24,86	Z1321	31,30	480	40
		1 1/4	—	—	Z132114	53,94	840	20
		1 1/2	N132112	53,94	Z132112	68,06	1274	15
		2	—	—	Z1322	86,92	1700	s.c.
		2 1/2	—	—	Z132212	192,53	3129	s.c.
		3	—	—	Z1323	199,25	4200	s.c.

134	DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Ti maschio ff Tee male ff	1/4	-	-	Z13414	11,96	66	80
	3/8	-	-	Z13438	11,86	92	60
	1/2	N13412	9,04	Z13412	11,36	122	100
	3/4	N13434	12,48	Z13434	15,32	204	60
	1	N1341	17,08	Z1341	21,72	282	40
	1 1/4	-	-	Z134114	34,18	466	20
	1 1/2	-	-	Z134112	41,76	660	15
	2	-	-	Z1342	66,00	1020	8

165	DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Ti 45° Tee 45°	1/2	—	—	Z16512	19,80	213	30
	3/4	N16534	18,20	Z16534	22,80	307	15
	1	N1651	27,18	Z1651	34,14	447	10
	1 1/4	N165114	33,42	Z165114	42,28	530	6
	1 1/2	N165112	45,42	Z165112	56,76	884	3
	2	N1652	66,98	Z1652	84,56	1230	2

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iso C1



Croce
Cross

DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/4	N18014	9,04	Z18014	11,04	79	60
3/8	N18038	9,50	Z18038	11,92	94	40
1/2	N18012	9,34	Z18012	11,72	145	60
3/4	N18034	14,28	Z18034	17,44	232	40
1	N1801	17,44	Z1801	21,60	362	25
1 1/4	N180114	23,16	Z180114	28,98	534	12
1 1/2	N180112	30,64	Z180112	38,62	726	12
2	N1802	45,52	Z1802	57,64	1136	6
2 1/2	N180212	103,00	Z180212	130,38	1600	3
3	N1803	118,58	Z1803	150,12	2300	4
4	N1804	195,64	Z1804	248,90	4807	3

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iso Za1



Distribuzione a gomito
Side outlet elbow

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
3/8	N22138	11,50	Z22138	14,50	90	50
1/2	N22112	8,98	Z22112	11,00	95	80
3/4	N22134	11,14	Z22134	17,44	168	50
1	N2211	18,56	Z2211	23,10	236	30
1 1/4	N221114	32,48	Z221114	40,88	454	15
1 1/2	N221112	46,10	Z221112	58,06	522	10
2	-	-	Z2212	88,72	839	7

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iso Za2



Distribuzione a ti
Side outlet tee

DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/2	N22312	12,34	Z22312	15,22	164	120
3/4	N22334	15,26	Z22334	19,04	229	60
1	N2231	22,44	Z2231	28,06	348	30
1 1/4	N223114	52,15	Z223114	82,69	0,510	20
1 1/2	N223112	66,34	Z223112	99,64	0,630	12
2	N2232	83,53	Z2232	129,02	0,930	10

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iso M2

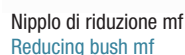


Manicotto ridotto ff
Reducing socket ff

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/4 1/8	-	-	Z240R1418	5,36	30	500
3/8 1/8	N240R3818	4,28	Z240R3818	5,26	39	500
3/8 1/4	N240R3814	3,78	Z240R3814	4,84	38	150
1/2 1/4	N240R1214	4,02	Z240R1214	5,06	54	100
1/2 3/8	N240R1238	3,58	Z240R1238	4,22	52	100
3/4 1/4	N240R3414	5,48	Z240R3414	6,66	82	180
3/4 3/8	N240R3438	4,64	Z240R3438	5,88	76	60
3/4 1/2	N240R3412	3,84	Z240R3412	4,96	90	100
1 1/4	N240R114	9,02	Z240R114	11,47	120	40
1 3/8	N240R138	6,46	Z240R138	8,16	112	40
1 1/2	N240R112	5,00	Z240R112	6,24	120	180
1 3/4	N240R134	4,48	Z240R134	5,68	138	150
1 1/4 3/8	N240R11438	11,50	Z240R11438	14,50	180	25
1 1/4 1/2	N240R11412	9,14	Z240R11412	11,86	260	50

240	iso M2	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Manicotto ridotto ff Reducing socket ff	1 1/4	3/4	N240R11434	8,26	Z240R11434	10,48	232	100
	1 1/4	1	N240R1141	8,16	Z240R1141	10,16	218	100
	1 1/2	1/2	N240R11212	14,60	Z240R11212	18,32	289	40
	1 1/2	3/4	N240R11234	12,80	Z240R11234	16,24	272	40
	1 1/2	1	N240R1121	9,90	Z240R1121	12,34	300	80
	1 1/2	1 1/4	N240R112114	10,74	Z240R112114	13,62	312	75
	2	1/2	N240R212	20,26	Z240R212	25,32	310	20
	2	3/4	N240R234	21,04	Z240R234	26,30	452	20
	2	1	N240R21	19,04	Z240R21	24,24	468	50
	2	1 1/4	N240R2114	17,08	Z240R2114	21,40	428	50
	2	1 1/2	N240R2112	16,20	Z240R2112	20,32	520	40
	2 1/2	1/2	N240R21212	37,26	Z240R21212	56,27	599	30
	2 1/2	1	N240R2121	38,16	Z240R2121	48,16	635	15
	2 1/2	1 1/4	N240R212114	24,76	Z240R212114	59,74	742	15
	2 1/2	1 1/2	N240R212112	50,88	Z240R212112	64,50	748	15
	2 1/2	2	N240R2122	44,08	Z240R2122	54,70	700	12
	3	1	N240R31	64,58	Z240R31	85,81	943	12
	3	1 1/4	N240R3114	33,26	Z240R3114	80,69	920	12
	3	1 1/2	N240R3112	46,72	Z240R3112	59,08	1100	12
	3	2	N240R32	68,26	Z240R32	86,26	946	12
	3	2 1/2	N240R3212	77,74	Z240R3212	98,16	1200	8
	4	1 1/2	N240R4112	125,01	Z240R4112	164,13	1230	5
	4	2	N240R42	117,80	Z240R42	149,20	1700	6
	4	2 1/2	N240R4212	123,32	Z240R4212	155,90	1790	6
	4	3	N240R43	126,30	Z240R43	159,96	1922	6
	6	3	N240R63	180,81	Z240R63	255,42	4600	s.c.
	6	4	N240R64	184,94	Z240R64	262,91	4400	s.c.
	6	5	N240R65	-	Z240R65	353,13	5900	s.c.

241	iso N4	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Nipplo di riduzione mf Reducing bush mf	1/4	1/8	N241R1418	3,46	Z241R1418	4,12	10	1000
	3/8	1/8	N241R3818	3,46	Z241R3818	4,22	22	1000
	3/8	1/4	N241R3814	2,48	Z241R3814	3,20	18	200
	1/2	1/8	N241R1218	3,24	Z241R1218	3,98	39	500
	1/2	1/4	N241R1214	2,02	Z241R1214	2,48	34	150
	1/2	3/8	N241R1238	1,86	Z241R1238	2,48	28	300
	3/4	1/4	N241R3414	3,68	Z241R3414	4,54	64	100
	3/4	3/8	N241R3438	2,84	Z241R3438	3,46	56	100
	3/4	1/2	N241R3412	1,96	Z241R3412	2,62	46	200
	1	1/4	N241R114	5,36	Z241R114	6,50	90	200
	1	3/8	N241R138	4,64	Z241R138	5,72	94	60
	1	1/2	N241R112	2,88	Z241R112	3,68	96	220
	1	3/4	N241R134	2,62	Z241R134	3,46	76	250
	1 1/4	3/8	N241R11438	8,26	Z241R11438	10,48	140	40
	1 1/4	1/2	N241R11412	5,36	Z241R11412	6,34	158	100
	1 1/4	3/4	N241R11434	4,60	Z241R11434	5,68	141	120
	1 1/4	1	N241R1141	3,46	Z241R1141	4,22	126	150
	1 1/2	1/4	-	-	Z241R11214	14,36	186	100
	1 1/2	3/8	N241R11238	10,38	Z241R11238	12,80	196	110
	1 1/2	1/2	N241R11212	6,56	Z241R11212	8,42	182	90
	1 1/2	3/4	N241R11234	7,58	Z241R11234	9,28	180	90
	1 1/2	1	N241R1121	5,00	Z241R1121	6,24	176	100
	1 1/2	1 1/4	N241R112114	5,10	Z241R112114	6,34	116	150
	2	3/8	N241R238	15,89	Z241R238	20,02	288	56
	2	1/2	N241R212	13,30	Z241R212	16,86	274	60
	2	3/4	N241R234	13,20	Z241R234	16,66	276	55
	2	1	N241R21	10,85	Z241R21	13,63	308	55
	2	1 1/4	N241R2114	10,34	Z241R2114	13,01	302	60
	2	1 1/2	N241R2112	9,26	Z241R2112	11,67	254	80
	2 1/2	1/2	N241R21212	24,90	Z241R21212	30,86	568	30
	2 1/2	3/4	N241R21234	25,81	Z241R21234	32,99	580	30
	2 1/2	1	N241R2121	21,56	Z241R2121	26,82	567	20
	M	F						



DIAMETRO Ø		CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
21/2	1¼	N241R212114	24,76	Z241R212114	31,04	582	20
21/2	1½	N241R212112	23,56	Z241R212112	29,30	630	36
21/2	2	N241R2122	17,80	Z241R2122	22,44	460	45
3	1½	N241R312	33,53	Z241R312	48,02	712	35
3	¾	N241R334	33,53	Z241R334	48,02	724	35
3	1	N241R31	33,26	Z241R31	42,02	694	12
3	1¼	N241R3114	33,26	Z241R3114	42,02	734	12
3	1½	N241R3112	31,10	Z241R3112	38,98	680	12
3	2	N241R32	23,32	Z241R32	28,92	812	26
3	2½	N241R3212	26,30	Z241R3212	32,74	530	30
4	1	N241R41	76,94	Z241R41	43,91	1279	15
4	1¼	N241R4114	68,81	Z241R4114	44,58	1256	15
4	1½	N241R4112	68,81	Z241R4112	44,58	1250	15
4	2	N241R42	66,46	Z241R42	84,08	1134	10
4	2½	N241R4212	49,34	Z241R4212	62,60	1300	10
4	3	N241R43	47,38	Z241R43	60,06	1122	15
5	4	N241R54	185,96	Z241R54	274,65	1791	6
6	2	N241R62	247,34	Z241R62	332,52	3256	s.c.
6	3	N241R63	247,34	Z241R63	332,52	3300	s.c.
6	4	N241R64	358,75	Z241R64	536,18	3200	s.c.
M	F						

iso N8



DIAMETRO Ø		CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/4	1/8	N245R1418	4,02	Z245R1418	5,16	22	200
3/8	1/4	N245R3814	3,84	Z245R3814	5,06	56	150
1/2	1/4	N245R1214	5,36	Z245R1214	6,34	66	100
1/2	3/8	N245R1238	4,64	Z245R1238	5,88	58	100
3/4	1/4	N245R3414	9,60	Z245R3414	11,92	70	80
3/4	3/8	N245R3438	8,36	Z245R3438	10,42	93	70
3/4	1/2	N245R3412	4,22	Z245R3412	5,10	95	150
1	3/8	N245R138	10,01	Z245R138	12,69	100	90
1	1/2	N245R112	8,16	Z245R112	10,32	156	150
1	3/4	N245R134	4,64	Z245R134	5,88	158	180
1 1/4	1/2	N245R11412	12,54	Z245R11412	15,78	246	50
1 1/4	3/4	N245R11434	10,88	Z245R11434	13,42	247	100
1 1/4	1	N245R1141	7,64	Z245R1141	9,28	263	100
1 1/2	1/2	N245R11212	6,59	Z245R11212	7,81	182	40
1 1/2	3/4	N245R11234	10,88	Z245R11234	13,62	247	40
1 1/2	1	N245R1121	17,08	Z245R1121	21,60	314	80
1 1/2	1 1/4	N245R112114	9,18	Z245R112114	11,72	330	60
2	1/2	N245R212	21,31	Z245R212	25,13	380	25
2	3/4	N245R234	20,92	Z245R234	25,04	330	25
2	1	N245R21	15,48	Z245R21	19,44	484	25
2	1 1/4	N245R2114	19,40	Z245R2114	24,24	464	45
2	1 1/2	N245R2112	17,58	Z245R2112	22,12	504	45
2 1/2	1	N245R2121	28,34	Z245R2121	37,31	490	17
2 1/2	1 1/2	-	-	Z245R212112	31,92	520	16
2 1/2	2	N245R2122	42,60	Z245R2122	53,00	884	16
3	2	N245R32	51,66	Z245R32	65,28	1202	9
3	2 1/2	N245R3212	67,70	Z245R3212	85,64	710	9
4	2 1/2	-	-	Z245R4212	186,57	1200	s.c
4	3	N245R43	126,98	Z245R43	160,74	1227	s.c.

iso M4



DIAMETRO Ø		CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/4	1/8	N246R1418	4,22	Z246R1418	5,16	23	800
3/8	1/4	N246R3814	3,58	Z246R3814	4,44	34	150
1/2	1/4	N246R1214	4,80	Z246R1214	5,88	68	100
1/2	3/8	N246R1238	3,78	Z246R1238	4,70	58	100
3/4	3/8	N246R3438	6,40	Z246R3438	7,94	90	50
3/4	1/2	N246R3412	4,02	Z246R3412	5,06	81	100
1	1/2	N246R112	6,30	Z246R112	7,74	128	80
1	3/4	N246R134	6,46	Z246R134	8,20	136	150
1 1/4	1/2	N246R11412	15,68	Z246R11412	19,80	203	85
1 1/4	3/4	N246R11434	11,76	Z246R11434	14,66	218	50
1 1/4	1	N246R1141	7,48	Z246R1141	9,08	197	90
1 1/2	3/4	N246R11234	13,42	Z246R11234	16,86	255	60
1 1/2	1	N246R1121	14,08	Z246R1121	17,44	277	40
1 1/2	1 1/4	N246R112114	12,29	Z246R112114	15,27	250	35
2	1	N246R21	23,56	Z246R21	29,30	397	45
2	1 1/4	N246R2114	19,70	Z246R2114	24,76	408	20
2	1 1/2	N246R2112	20,58	Z246R2112	26,10	400	20
2 1/2	2	—	—	Z246R2122	42,44	640	24
3	2	N246R32	49,08	Z246R32	61,86	851	15
3	2 1/2	N246R3212	59,96	Z246R3212	75,74	900	15
F	M						

iso M2



DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/8	N27018	3,30	Z27018	3,98	16	800
1/4	N27014	3,04	Z27014	3,98	32	150
3/8	N27038	2,84	Z27038	3,40	48	100
1/2	N27012	2,28	Z27012	2,78	62	180
3/4	N27034	2,98	Z27034	3,78	83	200
1	N2701	3,84	Z2701	5,00	134	150
1 1/4	N270114	6,34	Z270114	7,84	232	80
1 1/2	N270112	8,85	Z270112	11,31	300	70
2	N2702	13,27	Z2702	16,71	460	30
2 1/2	N270212	37,38	Z270212	46,36	825	20
3	N2703	44,76	Z2703	55,68	1029	10
4	N2704	102,70	Z2704	129,82	1964	10
5	N2705	265,20	Z2705	379,85	2260	s.c.
6	N2706	372,05	Z2706	539,37	4989	s.c.

iso M2 R-L

[illegible]

280

iso N8



Nipplo doppio
Hexagon nipple

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/8	N28018	3,72	Z28018	4,64	12	s.c.
1/4	N28014	3,46	Z28014	4,12	21	200
3/8	N28038	3,78	Z28038	4,70	32	150
1/2	N28012	1,96	Z28012	2,48	50	160
3/4	N28034	2,62	Z28034	3,20	84	140
1	N2801	3,62	Z2801	4,64	150	130
1 1/4	N280114	6,34	Z280114	7,84	238	80
1 1/2	N280112	7,51	Z280112	9,05	286	75
2	N2802	13,06	Z2802	16,30	456	40
2 1/2	N280212	23,56	Z280212	29,30	726	25
3	N2803	28,56	Z2803	35,28	1124	20
4	N2804	102,70	Z2804	129,82	1900	8
5	N2805	195,26	Z2805	267,65	3750	s.c.
6	N2806	343,04	Z2806	440,46	4535	s.c.

281

iso N8 R-L



Nipplo doppio destro sinistro
Hexagon nipple right and left

DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
3/8	N28138	8,72	Z28138	9,54	44	150
1/2	N28112	3,78	Z28112	4,64	50	100
3/4	N28134	4,54	Z28134	5,72	84	70
1	N2811	7,84	Z2811	9,70	150	40
1 1/4	N281114	11,00	Z281114	13,78	238	20
1 1/2	N281112	13,10	Z281112	16,36	286	20
2	N2812	24,24	Z2812	30,22	456	8

290

iso T9



Tappo maschio
Plug beaded

DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/8	N29018	2,38	Z29018	2,98	13	s.c.
1/4	N29014	1,80	Z29014	2,38	20	300
3/8	N29038	1,65	Z29038	1,92	22	250
1/2	N29012	1,60	Z29012	1,92	60	350
3/4	N29034	2,16	Z29034	2,62	110	200
1	N2901	2,42	Z2901	2,88	147	150
1 1/4	N290114	4,38	Z290114	5,48	220	100
1 1/2	N290112	5,52	Z290112	6,66	269	80
2	N2902	9,72	Z2902	11,88	450	55
2 1/2	N290212	20,52	Z290212	26,00	568	30
3	N2903	26,56	Z2903	33,46	770	20
4	N2904	46,72	Z2904	59,08	1260	10
5	N2905	224,35	Z2905	312,50	2222	s.c.
6	N2906	269,08	Z2906	325,49	3039	s.c.

300

iso T1



Tappo femmina esagonale -calotta-
Cap

DIAMETRO	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/8	N30018	4,28	Z30018	5,16	11	200
1/4	N30014	2,38	Z30014	2,98	22	200
3/8	N30038	2,12	Z30038	2,78	32	200
1/2	N30012	2,48	Z30012	3,14	42	250
3/4	N30034	2,98	Z30034	3,78	74	200
1	N3001	3,62	Z3001	4,44	124	150
1 1/4	N300114	5,52	Z300114	6,66	185	100
1 1/2	N300112	6,79	Z300112	8,28	249	70
2	N3002	12,50	Z3002	15,63	430	45
2 1/2	N300212	22,80	Z300212	28,52	604	30
3	N3003	24,90	Z3003	31,10	1090	24
4	N3004	53,52	Z3004	67,96	1592	10

301	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Tappo femmina tondo -calotta- Round cap	1/4	N30114	2,67	Z30114	3,53	22	700
	3/8	N30138	3,15	Z30138	3,53	32	200
	1/2	N30112	3,45	Z30112	4,75	42	250
	3/4	N30134	3,30	Z30134	4,90	74	150
	1	N3011	4,13	Z3011	5,35	124	150
	1 1/4	N301114	5,44	Z301114	7,95	185	100
	1 1/2	N301112	6,89	Z301112	10,10	249	70
	2	N3012	12,99	Z3012	18,70	430	45
	2 1/2	N301212	22,61	Z301212	32,67	604	20
	3	N3013	24,90	Z3013	37,11	1090	15
	4	N3014	53,45	Z3014	78,95	1592	15

310 iso P4	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Controdado Backnut	1/4	N31014	2,28	Z31014	2,84	14	300
	3/8	N31038	2,38	Z31038	2,98	28	250
	1/2	N31012	1,80	Z31012	2,38	37	200
	3/4	N31034	2,02	Z31034	2,48	43	150
	1	N3101	3,10	Z3101	3,68	80	150
	1 1/4	N310114	4,44	Z310114	5,26	126	100
	1 1/2	N310112	4,84	Z310112	6,04	145	100
	2	N3102	9,60	Z3102	11,92	260	50
	2 1/2	N310212	21,20	Z310212	26,72	507	15
	3	N3103	24,80	Z3103	31,40	620	10
	4	N3104	34,82	Z3104	46,12	1000	6

321/b	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Flange zincate a caldo in ghisa filettate 4 fori Threaded hot dip galvanized flanges 4 holes cast iron	1/2	-	-	K321BZ12	27,51	161	-
	3/4	-	-	K321BZ34	33,97	185	-
	1	-	-	K321BZ1	39,32	282	-

330 iso U1	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Bocchettone piano ff Union ff, flat seat	1/4	N33014	16,04	Z33014	19,96	95	150
	3/8	N33038	12,18	Z33038	14,90	131	60
	1/2	N33012	8,33	Z33012	10,03	197	80
	3/4	N33034	9,46	Z33034	11,67	276	60
	1	N3301	10,49	Z3301	13,21	362	65
	1 1/4	N330114	18,20	Z330114	22,80	545	35
	1 1/2	N330112	23,42	Z330112	29,44	786	25
	2	N3302	38,46	Z3302	48,82	1077	20
	2 1/2	N330212	88,46	Z330212	111,82	1780	10
	3	N3303	129,76	Z3303	164,10	2240	6
	4	N3304	303,28	Z3304	384,22	4250	6

guarnizioni per bocchettoni pag. 24.
washers for union pag. 24.

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iso U2



Bocchettone piano mf
Union mf, flat seat

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/4	N33114	16,04	Z33114	19,96	98	150
3/8	N33138	13,16	Z33138	16,24	131	50
1/2	N33112	9,51	Z33112	11,72	238	40
3/4	N33134	10,39	Z33134	13,11	353	30
1	N3311	12,64	Z3311	15,68	499	55
1 1/4	N331114	21,82	Z331114	28,62	663	30
1 1/2	N331112	27,48	Z331112	34,54	895	25
2	N3312	42,64	Z3312	54,04	1350	15
2 1/2	N331212	99,40	Z331212	125,68	2100	10
3	N3313	145,32	Z3313	183,74	2900	5
4	-	-	Z3314	435,40	5,030	2

guarnizioni per bocchettoni pag. 24.
washers for union pag. 24.

340

iso U11



Bocchettone conico ff
Union ff, taper seat

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/8	N34018	29,96	Z34018	37,44	69	80
1/4	N34014	14,60	Z34014	18,00	93	200
3/8	N34038	13,20	Z34038	16,24	124	60
1/2	N34012	12,54	Z34012	15,68	211	80
3/4	N34034	11,21	Z34034	14,09	297	60
1	N3401	13,06	Z3401	16,25	378	60
1 1/4	N340114	21,56	Z340114	27,96	574	35
1 1/2	N340112	25,26	Z340112	32,74	733	25
2	N3402	41,40	Z3402	53,88	1181	20
2 1/2	N340212	93,52	Z340212	118,42	1868	10
3	N3403	130,44	Z3403	165,12	2428	8
4	N3404	263,12	Z3404	333,38	4300	4

341

iso U12



Bocchettone conico mf
Union mf, taper seat

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/4	N34114	15,16	Z34114	18,72	119	150
3/8	N34138	11,60	Z34138	14,60	156	50
1/2	N34112	9,77	Z34112	12,14	221	40
3/4	N34134	11,78	Z34134	14,60	310	30
1	N3411	14,55	Z3411	18,15	455	50
1 1/4	N341114	23,10	Z341114	28,88	663	30
1 1/2	N341112	29,44	Z341112	36,98	895	25
2	N3412	47,08	Z3412	58,98	1355	15
2 1/2	N341212	102,24	Z341212	129,20	2282	10
3	N3413	159,60	Z3413	202,04	3082	6
4	N3414	292,36	Z3414	370,40	4100	2

372



Pezzo folle piano
Union end, flat seat

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/2	N37212	3,62	Z37212	4,80	40	250
3/4	N37234	3,68	Z37234	5,00	78	250
1	N3721	3,72	Z3721	5,36	106	200
1 1/4	N372114	5,84	Z372114	7,38	194	100
1 1/2	-	-	Z372112	9,90	201	40
2	-	-	Z3722	15,58	317	20

374	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Dado per bocchettone Union nut	1/2	N37412	3,30	Z37412	3,98	80	200
	3/4	N37434	3,30	Z37434	4,12	114	150
	1	N3741	3,62	Z3741	4,74	148	200
	1 1/4	N374114	5,88	Z374114	7,64	265	100
	1 1/2	N374112	7,38	Z374112	8,98	261	40
	2	-	-	Z3742	13,06	380	24

471	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Gomito per parete Bracket elbow	1/2	-	-	Z47112	15,52	219	30
	3/4	-	-	Z47134	29,86	288	20

529/a	iso M4	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Manicotto mf Socket mf		3/8	N52938	3,84	Z52938	4,96	36	150
		1/2	N52912	4,02	Z52912	5,06	60	120
		3/4	N52934	5,88	Z52934	7,54	88	100
		1	N5291	9,18	Z5291	11,72	136	70
		1 1/4	N529114	12,08	Z529114	14,96	245	40
		1 1/2	N529112	17,38	Z529112	21,60	273	55
		2	N5292	28,56	Z5292	35,94	395	28

531	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Vite semplice in acciaio Nipple	3/8	N53138	2,28	Z53138	2,84	16	s.c.
	1/2	N53112	2,98	Z53112	3,58	32	s.c.
	3/4	N53134	4,02	Z53134	5,00	49	s.c.
	1	N5311	6,04	Z5311	7,44	75	s.c.
	1 1/4	N531114	14,44	Z531114	20,02	125	s.c.
	1 1/2	N531112	15,44	Z531112	21,24	145	s.c.
	2	N5312	26,19	Z5312	37,41	180	s.c.
	2 1/2	-	-	Z531212	51,91	355	s.c.
	3	-	-	Z5313	54,51	495	s.c.

623	DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
 Set dado (374), pezzo folle (372) e guarnizione per attacco pompe Set union nut (374), union end (372) and gasket for connection pumps	3/4 (1 1/4)	N62334	24,60	-	-	35	35
	1 (1 1/2)	N6231	25,61	-	-	45	20
	1 1/4 (2)	N623114	40,77	-	-	80	15

820



Bocchettone di sostituzione,
O ring O ring, anello in polietilene
Replacement union, polyethylene

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/2	-	-	Z82012	26,62	347	50
3/4	-	-	Z82034	34,54	454	40
1	-	-	Z8201	51,90	680	20
1 1/4	-	-	Z820114	92,99	1219	16
1 1/2	-	-	Z820112	97,88	1283	15
2	-	-	Z8202	153,98	2021	8
2 1/2	-	-	Z820212	346,66	2950	4
3	-	-	Z8203	483,38	3900	3

821



Bocchettone di sostituzione
O ring - f, anello in polietilene
Replacement union, polyethylene

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/2	-	-	Z82112	24,16	269	70
3/4	-	-	Z82134	32,62	347	50
1	-	-	Z8211	37,50	489	30
1 1/4	-	-	Z821114	62,84	826	20
1 1/2	-	-	Z821112	68,93	903	18
2	-	-	Z8212	110,82	1486	10
2 1/2	-	-	Z821212	248,67	2400	4
3	-	-	Z8213	344,13	3200	3

822



Bocchettone di sostituzione
O ring - m
Replacement union

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
3/4	-	-	Z82234	39,25	365	50
1	-	-	Z8221	44,40	514	30

900



Nipplo per tubo in plastica
Nipple for plastic hose

DIAMETRO Ø	CODICE NERO	INDICE NERO	CODICE ZINCATO	INDICE ZINCATO	PESO GRAMMI	QUANTITÀ CONFEZIONE
1/2	-	-	Z90012	7,56	85	300
3/4	-	-	Z90034	10,32	121	180
1	-	-	Z9001	14,22	186	100
1 1/4	-	-	Z900114	25,81	292	70
1 1/2	-	-	Z900112	32,67	365	50
2	-	-	Z9002	43,98	657	25

schema misure di riferimento – diametro								
nominale	pollici	millimetri	nominale	pollici	millimetri	nominale	pollici	millimetri
15	1/2	21	100	4	114	450	18	457
20	3/4	26	125	5	139	500	20	508
25	1	33	150	6	168	600	24	610
32	1 1/4	42	200	8	219	700	28	711
40	1 1/2	48	250	10	273	800	32	812
50	2	60	300	12	323	900	36	914
65	2 1/2	76	350	14	355	1000	40	1018
80	3	88	400	16	406			

Guarnizioni per bocchettoni isp. 3mm

Guarnizioni	schema misure di riferimento – diametro		
	pollici	millimetri	millimetri
 Guarnizioni in nbr Washers in nbr	3/8	10	10
	1/2	13	13
	3/4	19	19
	1	25	25
	1 1/4	32	32
	1 1/2	38	38
	2	51	51
	2 1/2	64	64
	3	76	76
	4	102	102

Guarnizioni per flange

Caratteristiche: pressione massima 40 bar / temperatura massima 180°

Guarnizioni	in fibre sintetiche esenti da amianto				
	Codice	PN	Dn	Misure mm.	€/Cad.
 Guarnizioni in fibre sintetiche esenti da amianto Washers in synthetic fibres free from amiant	K06040	6	40	86x49x2	0,71
	K06050	6	50	96x61x2	0,89
	K06065	6	65	116x77x2	1,25
	K06080	6	80	132x89x2	1,53
	K06100	6	100	152x115x2	1,90
	K06125	6	125	182x140x2	2,83
	K06150	6	150	207x169x2	3,87
	K06200	6	200	262x220x2	6,70
	K06250	6	250	317x273x2	10,42
	K06300	6	300	373x324x2	13,54

Guarnizioni	in fibre sintetiche esenti da amianto				
	Codice	PN	Dn	Misure mm.	€/Cad.
 Guarnizioni in fibre sintetiche esenti da amianto Washers in synthetic fibres free from amiant	K16015	10 16	15	51x22x2	0,30
	K16020	10 16	20	61x27x2	0,34
	K16025	10 16	25	71x34x2	0,42
	K16032	10 16	32	82x43x2	0,54
	K16040	10 16	40	92x49x2	0,65
	K16050	10 16	50	107x61x2	0,89
	K16065	10 16	65	127x77x2	1,25
	K16080	10 16	80	142x89x2	1,79
	K16100	10 16	100	162x115x2	2,01
	K16125	10 16	125	192x140x2	2,90

2276	PN 6	EN 1092-1 (EX UNI 2276) PIANE 01 A									
		CODICE	Dn.	Ø Foro	Ø Est.	Spess.	N. Fori	Inter.	Peso kg.	€/cad.	Bulloni
		K2276015	15	22	80	12	4	55	0,33	2,12	M10x40
		K2276020	20	27,5	90	14	4	65	0,5	2,47	M10x45
		K2276025	25	34	100	14	4	75	0,61	3,25	M10x45
		K2276032	32	43	120	16	4	90	1,05	5,50	M12x45
		K2276040	40	49	130	16	4	100	1,23	5,57	M12x45
		K2276050	50	61,5	140	16	4	110	1,35	6,14	M12x45
		K2276065	65	77	160	16	4	130	1,68	7,76	M12x45
		K2276080	80	90	190	18	4	150	2,63	12,21	M16x60
		K2276100	100	115,5	210	18	4	170	2,92	13,47	M16x60
		K2276125	125	141	240	20	8	200	3,9	19,75	M16x65
		K2276150	150	170	265	20	8	225	4,78	20,46	M16x65
		K2276200	200	221	320	22	8	280	6,91	29,63	M16x70
		K2276250	250	275	375	24	12	335	9,04	38,10	M16x70
		K2276300	300	326	440	24	12	395	12,1	53,62	M20x75
		K2276350	350	359,5	490	26	12	445	17	*	M20x80
		K2276400	400	411	540	28	16	495	20	*	M20x80
		K2276450	450	462	595	30	16	550	24,5	*	M20x80
		K2276500	500	513,5	645	30	20	600	26,5	*	M20x80

Flange piane in acciaio S235 per saldatura a sovrapposizione
Plate flanges steel S235

2277	PN 10	EN 1092-1 (EX UNI 2277) PIANE 01 A									
		CODICE	Dn.	Ø Foro	Ø Est.	Spess.	N. Fori	Inter.	Peso kg.	€/cad.	Bulloni
		K2277080	80	90	200	22	8**	160	3,61	15,64	M16x65
		K2277200	200	221	340	26	8	295	9,77	46,78	M20x80
		K2277250	250	275	395	28	12	350	12,9	58,47	M20x85
		K2277300	300	325	445	28	12	400	14,8	67,24	M20x85
		K2277350	350	358	505	30	16	460	22	112,56	M20x85
		K2277400	400	409	565	32	16	515	28	143,26	M22x85
		K2277450	450	462	615	34	20	565	33,5	175,42	M22x85
		K2277500	500	510	670	34	20	620	40,3	211,97	M22x90
		K2277600	600	616,5	780	42	20	725	54,5	*	M27x95
		K2277700	700	714,2	895	38	24	840	65	*	M27x100
		K2277800	800	815,8	1015	40	24	950	88	*	M30x105
		K2277900	900	917,4	1050	42	28	1050	100	*	M30x110
		K22771000	1000	1019	1160	44	28	1160	128	*	M33x115

Flange piane in acciaio S235 per saldatura a sovrapposizione
Plate flanges steel S235

2278	PN 16	EN 1092-1 (EX UNI 2278) PIANE 01 A									
		CODICE	Dn.	Ø Foro	Ø Est.	Spess.	N. Fori	Inter.	Peso kg.	€/cad.	Bulloni
		K2278015	15	22	95	14	4	65	0,67	4,27	M12x50
		K2278020	20	27,5	105	16	4	75	0,83	4,63	M12x50
		K2278025	25	34	115	16	4	85	1,03	5,34	M12x50
		K2278032	32	43	140	18	4	100	1,66	6,55	M16x60
		K2278040	40	49	150	18	4	110	1,89	8,90	M16x60
		K2278050	50	61,5	165	20	4	125	2,51	11,10	M16x60
		K2278065	65	77	185	20	8**	145	3	13,10	M16x60
		K2278080	80	90	200	22	8	160	3,61	15,23	M16x65
		K2278100	100	115,5	220	22	8	180	4,6	19,22	M16x65
		K2278125	125	141	250	24	8	210	6,19	25,63	M16x70
		K2278150	150	170	285	24	8	240	7,63	31,32	M20x75
		K2278200	200	221	340	26	12	295	9,77	40,68	M20x80
		K2278250	250	275	405	29	12	355	16	71,18	M24x90
		K2278300	300	325	460	32	12	410	19,3	85,42	M24x90
		K2278350	350	358	520	36	16	470	28,4	142,37	M24x95
		K2278400	400	409	580	38	16	525	36,5	185,08	M27x105
		K2278450	450	462	640	42	20	585	46	220,67	M27x105
		K2278500	500	510	715	44	20	650	64	256,27	M30x110
		K2278600	600	616,5	840	52	20	770	96	*	M33x115
		K2278700	700	714,2	910	46	24	840	88	*	M33x115
		K2278800	800	815,8	1025	46	24	950	115	*	M36x135
		K2278900	900	917,4	1125	50	28	1050	125	*	M36x135
		K22781000	1000	1019	1255	50	28	1170	160	*	M39x140

Flange piane in acciaio S235 per saldatura a sovrapposizione
Plate flanges steel S235

2253		PN 6		EN 1092-1 (EX UNI 2253) FILETTATE 13 A						
				CODICE	Dn.	Ø Foro	Ø Est.	Spess.	N. Fori	Inter.
	K2253015	15	½	80	12	4	55	0,43	3,42	M10x40
	K2253020	20	¾	90	14	4	65	0,66	3,84	M10x45
	K2253025	25	1"	100	14	4	75	0,82	4,98	M10x45
	K2253032	32	1"¼	120	14	4	90	1,17	5,91	M12x45
	K2253040	40	1"½	130	14	4	100	1,4	7,05	M12x45
	K2253050	50	2"	140	14	4	110	1,59	8,04	M12x45
	K2253065	65	2"½	160	14	4	130	2,17	10,89	M12x45
	K2253080	80	3"	190	16	4	150	3,2	16,09	M16x60
	K2253100	100	4"	210	16	4	170	4	22,07	M16x60

Flange filettate a collare
in acciaio S235 con rigatura

Threaded flanges steel S235

Flange filettate a collare
in acciaio S235 con rigatura
Threaded flanges steel S235

2254		PN 16		EN 1092-1 (EX UNI 2254) FILETTATE 13 A						
	CODICE	Dn.	Ø Foro	Ø Est.	Spess.	N. Fori	Inter.	Peso kg.	€/cad.	Bulloni
	K2254015	15	½"	95	14	4	65	0,8	2,98	M12x50
	K2254020	20	¾"	105	16	4	75	1,01	4,23	M12x50
	K2254025	25	1"	115	16	4	85	1,2	5,06	M12x50
	K2254032	32	1 ¼"	140	16	4	100	1,78	9,98	M16x60
	K2254040	40	1 ½"	150	16	4	110	2,04	11,78	M16x60
	K2254050	50	2"	165	18	4	125	2,85	13,65	M16x60
	K2254065	65	2 ½"	185	18	8**	145	3,53	17,32	M16x60
	K2254080	80	3"	200	20	8	160	4,24	21,75	M16x65
	K2254100	100	4"	220	20	8	180	4,9	26,12	M16x65
	K2254125	125	5"	250	22	8	210	6,63	33,25	M16x70
	K2254150	150	6"	285	22	8	240	8,49	38,80	M20x75
	K2254200	200	8"	340	25	12	295	12,3	76,21	M20x80

Flange filettate a collare
in acciaio S235 con rigatura

Threaded flanges steel S235

Flange filettate a collare
in acciaio S235 con rigatura
Threaded flanges steel S235

2280		PN 6		EN 1092-1 (EX UNI 2280) COLLARINO 11 B						
				CODICE	Dn.	Ø Foro	Ø Est.	Spess.	N. Fori	Inter.
	K2280025	25	34,5	100	14	4	75	1	6,18	M10x45
	K2280032	32	43,5	120	14	4	90	1	6,73	M12x45
	K2280040	40	49,5	130	14	4	100	1,38	10,16	M12x45
	K2280050	50	61,5	140	14	4	110	1,56	10,71	M12x45
	K2280065	65	77	160	14	4	130	1,95	13,04	M12x45
	K2280080	80	90	190	16	4	150	3,07	21,28	M16x60
	K2280100	100	115,5	210	16	4	170	3,56	25,40	M16X60
	K2280125	125	141	240	18	8	200	4,8	34,32	M16X65
	K2280150	150	170,5	265	18	8	225	5,52	39,81	M16X65
	K2280200	200	221	320	20	8	280	8,18	61,78	M16X70

Flange a collare in acciaio S235
per saldatura di testa

Weldin neck flanges steel S235

Flange a collare in acciaio S235
per saldatura di testa
Weldin neck flanges steel S235

2281 PN 10		EN 1092-1 (EX UNI 2281) COLLARINO 11 B								
		CODICE	Dn.	Ø Foro	Ø Est.	Spess.	N. Fori	Inter.	Peso kg.	€/cad.
	K2281080	80	90	200	20	8**	160	4,61	24,02	M16x65
	K2281200	200	221	340	24	8	295	11,5	61,78	M20x80
	K2281250	250	275	395	26	12	350	15,5	82,37	M20x85
	K2281300	300	326	445	26	12	400	18	102,96	M20x85
	K2281350	350	357,5	505	26	16	460	24,5	*	M20x85
	K2281400	400	408,5	565	26	16	515	29,5	*	M22x85
	K2281450	450	459	615	26	20	565	34	*	M22x85
	K2281500	500	510	620	28	20	620	39,5	*	M22x90
					</					

Flange a collare in acciaio S235
per saldatura di testa
Weldin neck flanges steel S235

* disponibilità materiale 8 giorni data ordine/quotazione a richiesta

** 4 fori su richiesta.

2282 PN 16



Flange a collare in acciaio S235
per saldatura di testa
Weldin neck flanges steel S235

EN 1092-1 (EX UNI 2282) COLLARINO 11 B										
CODICE	Dn.	Ø Foro	Ø Est.	Spess.	N. Fori	Inter.	Peso kg.	€/cad.	Bulloni	
K2282015	15	22,5	95	14	4	65	0,73	5,94	M12x50	
K2282020	20	28	105	16	4	75	1,03	6,29	M12x50	
K2282025	25	34,5	115	16	4	85	1,24	8,39	M12x50	
K2282032	32	43,5	140	16	4	100	1,82	11,19	M16x60	
K2282040	40	49,5	150	16	4	110	2,1	11,54	M16x60	
K2282050	50	61,5	165	18	4	125	2,81	14,96	M16x60	
K2282065	65	77	185	18	8	145	3,4	17,76	M16x60	
K2282080	80	90	200	20	8	160	4,61	22,37	M16x65	
K2282100	100	115,5	220	20	8	180	4,9	26,29	M16x65	
K2282125	125	141	250	22	8	210	6,7	34,96	M16x70	
K2282150	150	170,5	285	22	8	240	8,3	41,95	M20x75	
K2282200	200	221	340	24	12	295	11,1	60,13	M20x80	
K2282250	250	275	405	26	12	355	16,3	83,90	M24x90	
K2282300	300	326	460	28	12	410	21,8	125,84	M24x90	
K2282350	350	357,5	520	30	16	470	31,7	181,78	M24x95	
K2282400	400	408,5	580	32	16	525	38,3	223,72	M27x105	
K2282450	450	459	640	40	20	585	54,5	265,67	M27x105	
K2282500	500	510	715	44	20	650	61,1	363,55	M30x110	
K2282600	600	611,5	840	54	20	770	116,5	*	M33x115	
K2282700	700	715	910	36	24	840	87	*	M33x115	
K2282800	800	817	1025	38	24	950	111	*	M36x135	
K2282900	900	918	1125	40	28	1050	129	*	M36x135	
K22821000	1000	1020	1255	42	28	1058	169	*	M39x140	

6092 PN 10



Flange cieche in acciaio S235
Blank flanges steel S235

EN 1092-1 (EX UNI 6092) CIECHE 05 A										
CODICE	Dn.	Ø Foro	Ø Est.	Spess.	N. Fori	Inter.	Peso kg.	€/cad.	Bulloni	
K6092080	80	-	200	22	4	160	4,61	17,34	M16x65	
K6092200	200	-	340	26	8	295	16,2	62,92	M20x80	
K6092250	250	-	395	28	12	350	24,1	90,89	M20x85	
K6092300	300	-	445	28	12	400	30,8	125,84	M20x85	
K6092350	350	-	505	26	16	460	39,6	*	M20x85	
K6092400	400	-	565	26	16	515	49,6	*	M22x85	
K6092450	450	-	615	28	20	565	63	*	M22x85	
K6092500	500	-	670	28	20	620	73,3	*	M22x90	

6093 PN 16



Flange cieche in acciaio S235
Blank flanges steel S235

EN 1092-1 (EX UNI 6093) CIECHE 05 A										
CODICE	Dn.	Ø Foro	Ø Est.	Spess.	N. Fori	Inter.	Peso kg.	€/cad.	Bulloni	
K6093015	15	-	95	14	4	65	0,71	2,85	M12x50	
K6093020	20	-	105	16	4	75	1,03	3,56	M12x50	
K6093025	25	-	115	16	4	85	1,22	6,41	M12x50	
K6093032	32	-	140	18	4	100	1,8	6,98	M16x60	
K6093040	40	-	150	18	4	110	2,09	9,25	M16x60	
K6093050	50	-	165	20	4	125	2,87	12,81	M16x60	
K6093065	65	-	185	20	4	145	3,65	14,95	M16x60	
K6093080	80	-	200	22	8	160	4,61	19,22	M16x65	
K6093100	100	-	220	22	8	180	5,65	24,13	M16x65	
K6093125	125	-	250	24	8	210	8,12	32,75	M16x70	
K6093150	150	-	285	24	8	240	10,5	44,13	M20x75	
K6093200	200	-	340	26	12	295	16,2	62,64	M20x80	
K6093250	250	-	405	32	12	355	25,1	106,78	M24x90	
K6093300	300	-	460	32	12	410	35,2	156,61	M24x90	
K6093350	350	-	520	36	16	470	48,2	213,55	M24x95	
K6093400	400	-	580	38	16	525	63,5	284,74	M27x105	
K6093450	450	-	640	40	20	585	96,5	455,58	M27x105	
K6093500	500	-	715	44	20	650	102	569,48	M30x110	
K6093600	600	-	840	54	20	770	226,5	*	M33x115	
K6093700	700	-	910	48	24	840	236	*	M33x115	
K6093800	800	-	1025	52	24	950	325	*	M36x135	
K6093900	900	-	1125	58	28	1050	437,5	*	M36x135	
K60931000	1000	-	1255	64	28	1170	602	*	M39x140	

* Disponibilità materiale 8 giorni data ordine/quotazione a richiesta.

Viti a testa esagonale
mezzo filetto – Acciaio 8-8
Steel hexagon head screws
half thread – Steel 8-8

Viti a testa esagonale
tutto filetto – Acciaio 8-8

Steel hexagon head screws
all thread – Steel 8-8

Dadi esagonali – Acciaio
Steel hex nuts – Steel

Rondelle	UNI 6592 din 125/A zinc.		
	Codice	Misura	€/Cad.
 Rondelle – Acciaio Flat washers – Steel	LR92006	6	0,009
	LR92008	8	0,015
	LR92010	10	0,028
	LR92012	12	0,047
	LR92016	16	0,084
	LR92020	20	0,127

Rondelle maggiorate	UNI 6593 din 9021		
	Codice	Misura	€/Cad.
 Rondelle maggiorate – Acciaio Increased flat washers – Steel	LR930412	4x12x1	0,008
	LR930416	4x16x1,5	0,020
	LR930515	5x15x1,5	0,013
	LR930520	5x20x1,5	0,032
	LR930618	6x18x1,5	0,019
	LR930624	6x24x2	0,053
	LR930824	8x24x2	0,044
	LR930832	8x32x2,5	0,118
	LR931030	10x30x2,5	0,087
	LR931040	10x40x2,5	0,223
	LR931236	12x36x2,5	0,166
	LR931248	12x48x2,5	0,469
	LR931648	16x48x3	0,480

Barre filettate	din 975		
	Codice	Misura	€/Cad.
 Barre filettate – Acciaio Threaded bars – Steel	LBFZ003	03x1m	0,964
	LBFZ004	04x1m	0,964
	LBFZ005	05x1m	0,964
	LBFZ006	06x1m	1,002
	LBFZ008	08x1m	1,426
	LBFZ010	10x1m	2,238
	LBFZ012	12x1m	3,278
	LBFZ014	14x1m	4,434
	LBFZ016	16x1m	6,093
	LBFZ018	18x1m	7,905
	LBFZ020	20x1m	9,061
	LBFZ022	22x1m	11,568
	LBFZ024	24x1m	13,496
	LBFZ027	27x1m	17,545
	LBFZ030	30x1m	22,172

* Viti, dadi, rondelle, barre filettate inox a richiesta.

Curve ISO dima 3D a 90°	EN 10253-2 (EX DIN 2605)						
	Cod.	Poll.	Ø	Dn.	Spess.	Peso kg.	€/Cad.
	KSS021	½"	21,3	15	2	0,050	1,27
	KSS026	¾"	26,9	20	2,3	0,070	1,33
	KSS033	1"	33,7	25	2,6	0,130	1,44
	KSS042	1 ¼"	42,4	32	2,6	0,210	1,79
	KSS048	1 ½"	48,3	40	2,6	0,280	2,25
	KSS060	2"	60,3	50	2,9	0,520	3,41
	KSS076	2 ½"	76,1	65	2,9	0,840	5,08
	KSS088	3"	88,9	80	3,2	1,320	7,63
	KSS114	4"	114,3	100	3,6	2,540	13,87
	KSS139	5"	139,7	125	4	4,290	23,82
	KSS168	6"	168,3	150	4,5	7,250	37,43
	KSS219	8"	219,1	200	6,3	14,90	94,14
	KSS273	10"	273	250	6,3	24,90	175,80
	KSS323	12"	323,9	300	7,1	39,90	277,88
	KSS355	14"	355,6	350	7,1	57,50	442,34
	KSS406	16"	406,4	400	8,8	82,60	544,42

Curve ISO dima 3D 90°
s 235 / st 37.0 w
Seamless elbows 3D 90°

Tee ISO	EN 10253-2 (DIN 2615-1)					
	Cod.	Poll.	Ø	Spess.	Peso kg.	€/Cad.
	T026	¾"	26,9	2,30	0,15	8,06
	T033	1"	33,7	2,60	0,25	8,69
	T042	1 ¼"	42,4	2,60	0,47	9,75
	T048	1 ½"	48,3	2,60	0,68	11,12
	T060	2"	60,3	2,90	1,10	13,66
	T076	2 ½"	76,1	2,90	1,50	25,54
	T088	3"	88,9	3,20	2,20	38,02
	T114	4"	114,3	3,60	4,30	59,40
	T139	5"	139,7	4,00	6,20	88,53
	T168	6"	168,3	4,50	9,00	113,95
	T219	8"	219,1	6,30	19,70	198,87
	T273	10"	273	6,30	26,50	403,92
	T323	12"	323	7,10	42,00	617,76

Tee ISO st 35.8/l
Tees

Riduzioni ISO Concentriche	EN 10253-2 (DIN 2616)						
	Cod.	Ø max.	Spess.	Ø min.	Spess.	Peso kg.	€/Cad.
	RC033026	33,7	2,6	26,9	2,3	0,09	4,04
	RC042026	42,4	2,6	26,9	2,3	0,13	4,39
	RC042033	42,4	2,6	33,7	2,6	0,14	4,04
	RC048026	48,3	2,6	26,9	2,3	0,19	5,92
	RC048033	48,3	2,6	33,7	2,6	0,20	4,87
	RC048042	48,3	2,6	42,4	2,6	0,20	4,16
	RC060033	60,3	2,9	33,7	2,6	0,31	6,18
	RC060042	60,3	2,9	42,4	2,6	0,32	5,33
	RC060048	60,3	2,9	48,3	2,6	0,33	4,61
	RC076042	76,1	2,9	42,4	2,6	0,47	7,23
	RC076048	76,1	2,9	48,3	2,6	0,48	6,41
	RC076060	76,1	2,9	60,3	2,9	0,49	5,81
	RC088048	88,9	3,2	48,3	2,6	0,61	10,68
	RC088060	88,9	3,2	60,3	2,9	0,62	8,43
	RC088076	88,9	3,2	76,1	2,9	0,63	6,89
	RC114060	114,3	3,6	60,3	2,9	0,98	17,38
	RC114076	114,3	3,6	76,1	2,9	1,00	13,41
	RC114088	114,3	3,6	88,9	3,2	1,02	11,73
	RC139076	139,7	4,0	76,1	2,9	1,72	27,76
	RC139088	139,7	4,0	88,9	3,2	1,74	23,65
	RC139114	139,7	4,0	114,3	3,6	1,76	17,79
	RC168088	168,3	4,5	88,9	3,2	2,70	42,64
	RC168114	168,3	4,5	114,3	3,6	2,82	27,99
	RC168139	168,3	4,5	139,7	4,0	2,94	22,50
	RC219114	219,1	6,3	114,3	3,6	5,03	67,89
	RC219139	219,1	6,3	139,7	4,0	5,12	44,40
	RC219168	219,1	6,3	168,3	4,5	5,18	43,39
	RC273114	273	6,3	114,0	3,6	7,00	102,08
	RC273139	273	6,3	139,0	4	7,20	100,20
	RC273168	273	6,3	168,0	4,5	7,40	69,31
	RC273219	273	6,3	219,0	6,3	7,55	58,15
	RC323168	323	7,1	168,0	4,5	11,00	161,57
	RC323219	323	7,1	219,0	6,3	11,10	82,82
	RC323273	323	7,1	273,0	6,3	11,20	128,09

Riduzioni ISO concentriche
st 35.8/l
Concentric reductions

* Tee ridotti quotazioni a richiesta.

ISO: INTERNATIONAL STANDARD ORGANISATION

Fondelli ISO Bombati



Fondelli ISO bombati
st 22.00 w
Caps

EN 10253-2 (DIN 2615-1)

Cod.	Poll.	Ø	Spess.	Peso kg.	€/Cad.
FB033	1"	33,7	2,3	0,04	0,87
FB042	1 ¼"	42,4	2,6	0,05	0,99
FB048	1 ½"	48,3	2,6	0,08	1,08
FB060	2"	60,3	2,9	0,10	1,52
FB076	2 ½"	76,1	2,9	0,18	1,87
FB088	3"	88,9	3,2	0,22	2,39
FB114	4"	114,3	3,6	0,50	3,85
FB139	5"	139,7	4,0	0,72	5,83
FB168	6"	168,3	4,5	1,10	11,08
FB219	8"	219,1	6,3	2,30	20,41
FB273	10"	273	6,3	5,00	26,83
FB323	12"	323,9	7,1	8,00	39,66
FB355	14"	355,6	8,0	12,00	104,98
FB406	16"	406,4	8,8	15,00	174,96

Manicotti in acciaio



Manicotti in acciaio neri e zincati
Black and galvanized sockets

UNI EN 10241 R.ST. 37.0

Misura	Codice NERO	€/Cad. NERO	Codice ZINCATO	€/Cad. ZINCATO
1/8	MN018	0,47	MZ018	0,59
¼	MN014	0,49	MZ014	0,60
3/8	MN038	0,51	MZ038	0,61
½	MN012	0,54	MZ012	0,62
¾	MN034	0,77	MZ034	0,88
1	MN001	1,18	MZ001	1,42
1 ¼	MN114	1,71	MZ114	2,07
1 ½	MN112	2,25	MZ112	2,93
2	MN002	2,66	MZ002	3,50
2 ½	MN212	4,27	-	-
3	MN003	5,70	-	-
4	MN004	11,91	-	-
5	MN005	27,19	-	-
6	MN006	38,85	-	-

Barilotti



Barilotti
Vite di allungamento nera
Black and galvanized barrel nipples



Barilotti
Vite di allungamento zincata
Black and galvanized barrel nipples

DIN 2982 R.ST. 37.0

Misura	Lunghezza	Codice NERO	€/Cad. NERO	Codice ZINCATO	€/Cad. ZINCATO
3/8	60	BN038060	0,70	BZ038060	0,74
3/8	70	BN038070	0,70	BZ038070	0,74
3/8	80	BN038080	0,74	BZ038080	0,81
3/8	100	BN038100	0,77	BZ038100	0,88
3/8	120	BN038120	0,95	BZ038120	1,05
3/8	150	BN038150	1,09	BZ038150	1,23
3/8	180	BN038180	1,23	BZ038180	1,44
3/8	200	BN038200	1,37	BZ038200	1,55
3/8	250	BN038250	1,65	BZ038250	1,83
3/8	300	BN038300	1,86	BZ038300	2,18
3/8	400	BN038400	2,25	BZ038400	2,78
3/8	500	BN038500	2,60	BZ038500	3,31
3/8	600	BN038600	3,13	BZ038600	3,83
3/8	700	BN038700	3,48	BZ038700	4,36
3/8	800	BN038800	4,01	BZ038800	4,85
3/8	900	BN038900	4,40	BZ038900	5,38
3/8	1000	BN0381000	4,92	BZ0381000	5,87
1/2	60	BN012060	0,70	BZ012060	0,74
1/2	70	BN012070	0,70	BZ012070	0,74
1/2	80	BN012080	0,74	BZ012080	0,81
1/2	100	BN012100	0,77	BZ012100	0,88
1/2	120	BN012120	0,95	BZ012120	1,05
1/2	150	BN012150	1,09	BZ012150	1,23
1/2	180	BN012180	1,23	BZ012180	1,44
1/2	200	BN012200	1,37	BZ012200	1,55
1/2	250	BN012250	1,65	BZ012250	1,83
1/2	300	BN012300	1,86	BZ012300	2,18
1/2	400	BN012400	2,25	BZ012400	2,78
1/2	500	BN012500	2,60	BZ012500	3,31
1/2	600	BN012600	3,13	BZ012600	3,83
1/2	700	BN012700	3,48	BZ012700	4,36
1/2	800	BN012800	4,01	BZ012800	4,85
1/2	900	BN012900	4,40	BZ012900	5,38
1/2	1000	BN0121000	4,92	BZ0121000	5,87

Barilotti



Barilotti
Vite di allungamento nera
Black and galvanized barrel nipples



Barilotti
Vite di allungamento zincata
Black and galvanized barrel nipples

DIN 2982 R.ST. 37.0

Misura	Lunghezza	Codice NERO	€/Cad. NERO	Codice ZINCATO	€/Cad. ZINCATO
3/4	60	BN034060	0,81	BZ034060	0,88
3/4	70	BN034070	0,81	BZ034070	0,88
3/4	80	BN034080	0,84	BZ034080	0,98
3/4	100	BN034100	0,98	BZ034100	1,09
3/4	120	BN034120	1,13	BZ034120	1,20
3/4	150	BN034150	1,27	BZ034150	1,48
3/4	180	BN034180	1,44	BZ034180	1,65
3/4	200	BN034200	1,58	BZ034200	1,83
3/4	250	BN034250	1,86	BZ034250	2,07
3/4	300	BN034300	2,07	BZ034300	2,53
3/4	400	BN034400	2,67	BZ034400	3,23
3/4	500	BN034500	3,23	BZ034500	3,97
3/4	600	BN034600	3,73	BZ034600	4,54
3/4	700	BN034700	4,36	BZ034700	5,27
3/4	800	BN034800	4,89	BZ034800	5,91
3/4	900	BN034900	5,34	BZ034900	6,50
3/4	1000	BN0341000	5,87	BZ0341000	7,28
1"	60	BN001060	0,98	BZ001060	1,09
1"	70	BN001070	0,98	BZ001070	1,09
1"	80	BN001080	1,09	BZ001080	1,23
1"	100	BN001100	1,20	BZ001100	1,48
1"	120	BN001120	1,41	BZ001120	1,62
1"	150	BN001150	1,69	BZ001150	1,93
1"	180	BN001180	1,93	BZ001180	2,25
1"	200	BN001200	2,11	BZ001200	2,43
1"	250	BN001250	2,46	BZ001250	2,85
1"	300	BN001300	2,88	BZ001300	3,34
1"	400	BN001400	3,69	BZ001400	4,36
1"	500	BN001500	4,50	BZ001500	5,38
1"	600	BN001600	5,45	BZ001600	6,65
1"	700	BN001700	6,26	BZ001700	7,66
1"	800	BN001800	7,38	BZ001800	8,61
1"	900	BN001900	8,09	BZ001900	9,67
1"	1000	BN0011000	8,79	BZ0011000	10,41
1 1/4"	60	BN114060	1,27	BZ114060	1,48
1 1/4"	70	BN114070	1,27	BZ114070	1,48
1 1/4"	80	BN114080	1,37	BZ114080	1,51
1 1/4"	100	BN114100	1,51	BZ114100	1,65
1 1/4"	120	BN114120	1,69	BZ114120	1,86
1 1/4"	150	BN114150	1,97	BZ114150	2,32
1 1/4"	180	BN114180	2,32	BZ114180	2,74
1 1/4"	200	BN114200	2,53	BZ114200	2,99
1 1/4"	250	BN114250	2,99	BZ114250	3,52
1 1/4"	300	BN114300	3,52	BZ114300	4,15
1 1/4"	400	BN114400	4,57	BZ114400	5,48
1 1/4"	500	BN114500	5,48	BZ114500	6,82
1 1/4"	600	-	-	BZ114600	8,47
1 1/4"	700	-	-	BZ114700	9,84
1 1/4"	800	-	-	BZ114800	11,85
1 1/4"	900	-	-	BZ114900	13,68
1 1/4"	1000	BN1141000	11,18	BZ1141000	15,29
1 1/2"	60	BN112060	1,51	BZ112060	1,76
1 1/2"	70	BN112070	1,51	BZ112070	1,76
1 1/2"	80	BN112080	1,62	BZ112080	1,83
1 1/2"	100	BN112100	1,90	BZ112100	2,07
1 1/2"	120	BN112120	2,14	BZ112120	2,36
1 1/2"	150	BN112150	2,57	BZ112150	2,95
1 1/2"	180	BN112180	2,88	BZ112180	3,34
1 1/2"	200	BN112200	3,09	BZ112200	3,59
1 1/2"	250	BN112250	3,62	BZ112250	4,32
1 1/2"	300	BN112300	4,22	BZ112300	5,24
1 1/2"	400	BN112400	5,38	BZ112400	6,82
1 1/2"	500	BN112500	6,61	BZ112500	8,40
1 1/2"	600	-	-	BZ112600	10,20
1 1/2"	700	-	-	BZ112700	12,20
1 1/2"	800	-	-	BZ112800	14,17
1 1/2"	900	-	-	BZ112900	16,14
1 1/2"	1000	BN1121000	13,15	BZ1121000	18,07
2"	60	BN002060	1,97	BZ002060	2,32
2"	70	BN002070	1,97	BZ002070	2,32
2"	80	BN002080	2,11	BZ002080	2,46

DIN 2982 R.ST. 37.0

Barilotti
Vite di allungamento zincata
Black and galvanized barrel nipples

Tronchetti	DIN 2982 R.ST. 37.0			
	Misura	Lunghezza	Codice	€/Cad.
	3/8	60	TN038060	0,60
	3/8	70	TN038070	0,62
	3/8	80	TN038080	0,62
	3/8	100	TN038100	0,65
	3/8	120	TN038120	0,76
	3/8	150	TN038150	0,87
	3/8	180	TN038180	1,02
	3/8	200	TN038200	1,20
	3/8	250	TN038250	1,42
	3/8	300	TN038300	1,63
	3/8	400	TN038400	2,07
	3/8	500	TN038500	2,50
	3/8	600	TN038600	2,90
	3/8	700	TN038700	3,41
	3/8	800	TN038800	3,81
	3/8	900	TN038900	4,28
	3/8	1000	TN0381000	4,75
	1/2	60	TN012060	0,62
	1/2	70	TN012070	0,62
	1/2	80	TN012080	0,62
	1/2	100	TN012100	0,65
	1/2	120	TN012120	0,76
	1/2	150	TN012150	0,87
	1/2	180	TN012180	1,02
	1/2	200	TN012200	1,20
	1/2	250	TN012250	1,42
	1/2	300	TN012300	1,63
	1/2	400	TN012400	2,07
	1/2	500	TN012500	2,50
	1/2	600	TN012600	2,90
	1/2	700	TN012700	3,41
	1/2	800	TN012800	3,81
	1/2	900	TN012900	4,28
	1/2	1000	TN0121000	4,75
	3/4	60	TN034060	0,69
	3/4	70	TN034070	0,69
	3/4	80	TN034080	0,73
	3/4	100	TN034100	0,80
	3/4	120	TN034120	0,91
	3/4	150	TN034150	1,09
	3/4	180	TN034180	1,23
	3/4	200	TN034200	1,42
	3/4	250	TN034250	1,63
	3/4	300	TN034300	1,89
	3/4	400	TN034400	2,50
	3/4	500	TN034500	3,05
	3/4	600	TN034600	3,63
	3/4	700	TN034700	4,21
	3/4	800	TN034800	4,72
	3/4	900	TN034900	5,15
	3/4	1000	TN0341000	5,63
	1"	60	TN001060	0,87
	1"	70	TN001070	0,87
	1"	80	TN001080	0,91
	1"	100	TN001100	1,09
	1"	120	TN001120	1,23
	1"	150	TN001150	1,56
	1"	180	TN001180	1,74
	1"	200	TN001200	1,92
	1"	250	TN001250	2,25
	1"	300	TN001300	2,61
	1"	400	TN001400	3,45
	1"	500	TN001150	4,21
	1"	600	TN001600	5,23
	1"	700	TN001700	6,17
	1"	800	TN001800	7,08
	1"	900	TN001900	7,98
	1"	1000	TN0011000	8,64
	1 1/4"	60	TN114060	1,02
	1 1/4"	70	TN114070	1,02
	1 1/4"	80	TN114080	1,20
	1 1/4"	100	TN114100	1,34

Tronchetti neri
Black stub ends

DIN 2982 R.ST. 37.0			
Misura	Lunghezza	Codice	€/Cad.
1 1/4"	120	TN114120	1,52
1 1/4"	150	TN114150	1,81
1 1/4"	180	TN114180	2,07
1 1/4"	200	TN114200	2,29
1 1/4"	250	TN114250	2,76
1 1/4"	300	TN114300	3,30
1 1/4"	400	TN114400	4,28
1 1/4"	500	TN114500	5,34
1 1/4"	1000	TN1141000	10,89
1 1/2"	60	TN112060	1,27
1 1/2"	70	TN112070	1,27
1 1/2"	80	TN112080	1,45
1 1/2"	100	TN112100	1,63
1 1/2"	120	TN112120	1,89
1 1/2"	150	TN112150	2,29
1 1/2"	180	TN112180	2,61
1 1/2"	200	TN112200	2,83
1 1/2"	250	TN112250	3,41
1 1/2"	300	TN112300	3,96
1 1/2"	400	TN112400	5,08
1 1/2"	500	TN112500	6,24
1 1/2"	1000	TN1121000	12,67
2"	60	TN002060	1,60
2"	70	TN002070	1,60
2"	80	TN002080	1,74
2"	100	TN002100	2,11
2"	120	TN002150	2,47
2"	150	TN002150	2,90
2"	180	TN002180	3,27
2"	200	TN002200	3,63
2"	250	TN002250	4,36
2"	300	TN002300	5,08
2"	400	TN002400	6,53
2"	500	TN002500	8,35
2"	1000	TN0021000	15,61
2 1/2"	70	TN212070	2,07
2 1/2"	80	TN212080	2,32
2 1/2"	100	TN212100	2,65
2 1/2"	120	TN212120	3,01
2 1/2"	150	TN212150	3,81
2 1/2"	180	TN212180	4,36
2 1/2"	200	TN212200	4,83
2 1/2"	250	TN212250	5,92
2 1/2"	300	TN212300	6,93
2 1/2"	400	TN212400	9,18
2 1/2"	500	TN212500	11,54
2 1/2"	1000	TN2121000	22,50
3"	70	TN003070	3,05
3"	80	TN003080	3,34
3"	100	TN003100	3,81
3"	120	TN003120	4,43
3"	150	TN003150	5,63
3"	180	TN003180	6,46
3"	200	TN003200	7,22
3"	250	TN0032250	8,75
3"	300	TN003300	10,34
3"	400	TN003400	13,50
3"	500	TN003500	16,62
3"	1000	TN0031000	29,04
4"	70	TN004070	4,68
4"	80	TN004080	5,23
4"	100	TN004100	6,24
4"	120	TN004120	7,22
4"	150	TN004150	8,64
4"	180	TN004180	9,98
4"	200	TN004200	11,00
4"	250	TN004250	13,43
4"	300	TN004300	15,82
4"	400	TN004400	20,98
4"	500	TN004500	25,81
4"	1000	TN0041000	43,92

Collare per tubo acciaio



Collare zincato per tubo acciaio
c/vite giunz + tass. Standard
Pipe clamp

COLLARE ZINCATO PER TUBO ACCIAIO C/VITE GIUNZ + TASS. STANDARD

Diametro Ø	Misura	Codice	Box	€/Cad.*
3/8	M8	ZAE10001	100	0,56
1/2	M8	ZAE10002	100	0,57
3/4	M8	ZAE10003	100	0,61
1	M8	ZAE10004	100	0,63
1 ¼	M8	ZAE10005	100	0,67
1 ½	M8	ZAE10006	100	0,73
2	M8	ZAE10007	100	0,81
2 ½	M8	ZAE10008	50	1,26
3	M8	ZAE10009	50	1,34
4	M8	ZAE10010	50	1,40
2 ½	M10	ZAE10011	50	1,87
3	M10	ZAE10012	50	2,00
4	M10	ZAE10013	50	2,19
5	M10	ZAE10013A	50	2,60
6	M10	ZAE10014	50	2,81
8	M10	ZAE10015	50	4,68

*prezzo per singolo collare

Collare isofonico

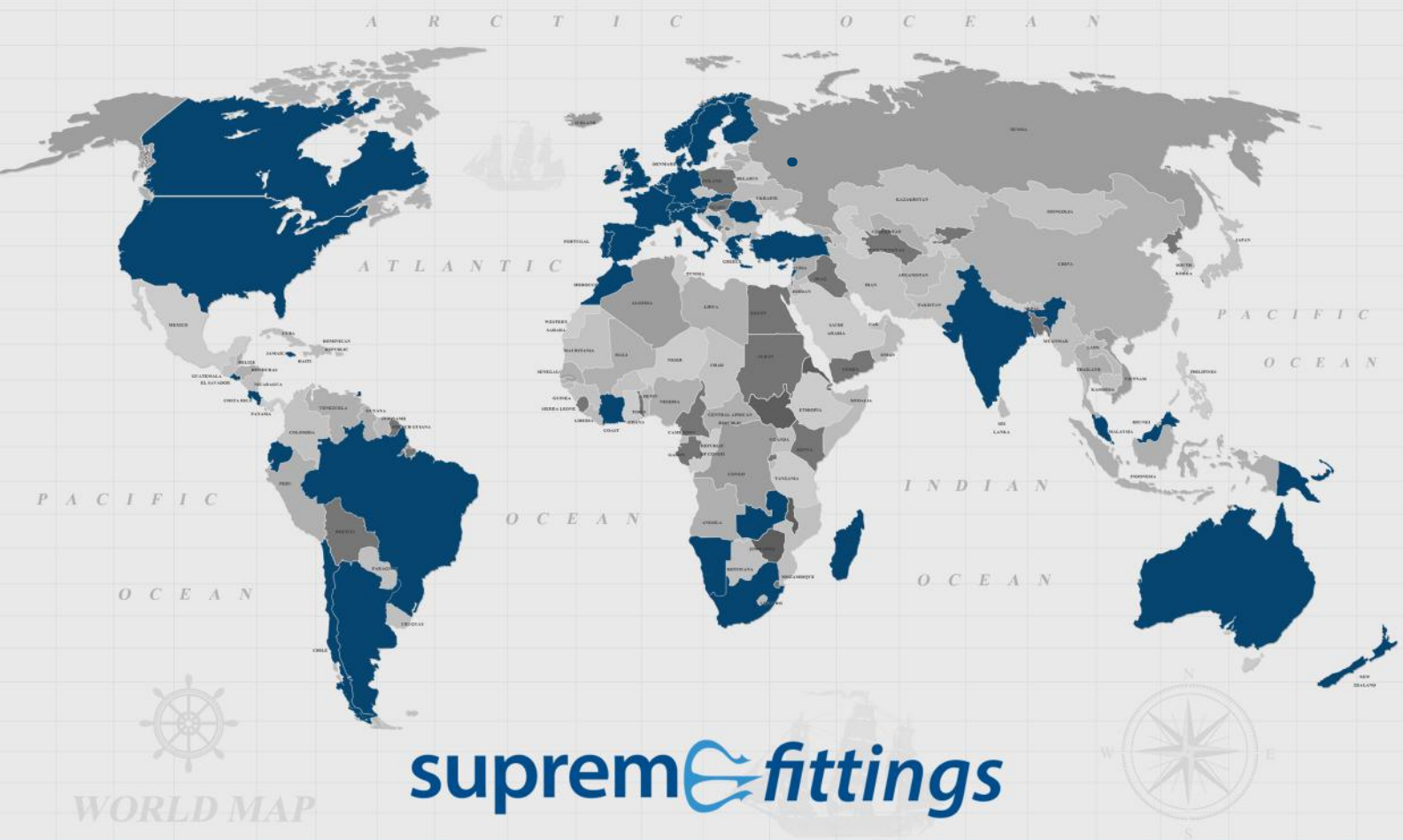


Collare zincato isofonico solo viti laterali
EDP rubber heavy duty pipe clamp

COLLARE ZINCATO ISOFONICO SOLO VITI LATERALI

Diametro Ø	Misura	Codice	Box	€/Cad.*
3/8	M8	ZAE30350A	100	0,83
1/2	M8	ZAE30351A	100	0,86
3/4	M8	ZAE30352A	100	0,91
1	M8	ZAE30353A	100	1,02
1 ¼	M8	ZAE30354A	100	1,16
55	M8	ZAE30354B	100	1,27
1 ½	M8	ZAE30355A	100	1,35
2	M8	ZAE30356A	100	1,49
2 ½	M10	ZAE30357A	50	2,03
3	M10	ZAE30358A	50	2,28
4	M10	ZAE30359A	50	2,84
125	M10	ZAE30359B	50	4,01
5	M10	ZAE30359C	50	4,58
6	M10	ZAE30360A	50	5,59

*prezzo per singolo collare



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