↗ Tubi e raccorderia

Torna all'indice principale

VARIAZIONI

Inserite nuove pagine pag. 40A e 40B

05/2006

valvorobica industriale SPA

sezione

1

catalogo tecnico

Ø Tubi elettrouniti inox AISI 304 - 304L – 316 - 316L

Diametro esterno mm.	SPESSORI					
	1	1,2	1,5	2	2,5	3
8	0,175		0,244			
10	0,230		0,327			
12	0,282		0,402			
13	0,310		0,440			
14	0,327	0,387	0,480			
15	0,352	0,417	0,510			
16	0,378	0,447	0,550	0,710		
17,2	0,409	0,484	0,600	0,780		
18	0,428	0,508	0,623	0.820		
20	0,478	0,568	0,699	0,907		
21,3	0,512	0,608	0,748	0,973		
22	0,529	0,628	0,774	1,008		
25	0,604	0,719	0,888	1,159		
26,9	0,653	0,777	0,960	1,255	1,537	
28	0,680	0,810	1,001	1,310	1,606	
30	0,730	0,870	1,077	1,411	1,732	
32	0,781	0,931	1,152	1,512	1,858	2,192
33,7	0,824	0,983	1,217	1,598	1,966	2,321
35	0,856	1,022	1,266	1,663	2,047	2,419
38	0,932	1,112	1,379	1,814	2,236	2,646
40	0,982	1,173	1,455	1,915	2,362	2,797
42,4	1,043	1,236	1,546	2,036	2,514	2,979
45	1,108	1,324	1,644	2,166	2,677	3,175
48,3	1,191	1,424	1,769	2,333	2,885	3,424
50	1,234	1,475	1,833	2,419	2,992	3,553
52	1,285	1,536	1,908	2,520	3,118	3,704

Diametro esterno mm.	SPESSORI					
	1	1,2	1,5	2	2,5	3
53		1,566	1,946	2,570	3,181	3,780
54		1,596	1,984	2,620	3,244	3,855
57		1,687	2,097	2,772	3,433	4,082
60,3		1,787	2,222	2,938	3,641	4,331
64		1,899	2,362	3,124	1874	4,611
70		2,080	2,599	3,427	4,252	5,065
73		2,171	2,702	3,578	4,441	5,292
76,1		2,264	2,819	3,734	4,636	5,526
80			2,948	3,906	4,882	5,859
84			3,118	4,132	5,134	6,123
88,9			3,303	4,379	5,443	6,494
101,6			3,783	5,019	6,243	7,454
108			3,943	5,308	6,604	7,888
114,3			4,263	5,659	7,043	8,414
129				6,400	7,969	9,525
139,7				6,940	8,643	10,334
154				7,660	9,544	11,415
168,3				8,381	10,445	12,496
203,2				10,140	12,644	15,135
219,1				10,936	13,639	16,329
254				12,700	15,844	18,975
273				13,658	17,041	20,412
304				15,220	18,994	22,755
323,9				16,223	20,248	24,260
355,6				17,821	22,245	26,656

Massima pressione di esercizio a temperatura ambiente per tubi elettrouniti ASTMA.312 TIPO 304

Ø mm.	SP. mm.	Pressione Kg./cm^2	Ø mm.	SP. mm.	Pressione Kg./cm^2	Ø mm.	SP. mm.	Pressione Kg./cm^2
10,2	1	227	48,3	2	92	114,3	3	58
13,5	1	168	48,3	3	139	139,7	2	31
17,2	1,5	200	60,3	2	73	139,7	3	47
21,3	2	217	60,3	3	110	168,3	2	25
26,9	2	169	76,1	2	58	168,3	3	39
33,7	2	133	76,1	3	87	219,1	2	19
33,7	3	205	88,9	2	49	219,1	3	30
42,4	2	105	88,9	3	74	323,9	3	19
42,4	3	161	114,3	2	38			

I valori riportati anche se ricavati da una norma di largo impiego sono puramente INDICATIVI E NON IMPEGNATIVI e non sollevano il progettista dalla responsabilità di basare i suoi calcoli su criteri e formule contenuti nelle norme.

Tubo nero liscio senza saldatura UNI 8863 – 7287/86

FE 330 – 320

D.N.	Ø	D.E.	Sp.	Kg/m
10	3/8	17,2	2,3	0,839
15	1/2	21,3	2,6	1,21
20	3/4	26,9	2,6	1,56
25	1”	33,7	3,2	2,41
32	1 1/4”	42,4	3,2	3,10
40	1 1/2"	48,3	3,2	3,56
50	2"	60,3	3,6	5,03
65	2 1/2"	76,1	3,6	6,42
80	3"	88,9	4,0	8,36
100	4"	114,3	4,5	12,2
125	5"	139,7	5,0	16,6
150	6"	168,3	5,0	19,8

Tubo nero senza saldatura lisci commerciali UNI 7287/86-8863

FE 320 – FE 330

D.E.	SP.	Kg/m	D.E.	SP.	Kg/m
26,9	2	1,24	139	4	13,5
30	2,3	1,59	159	4,5	17,1
33,7	2,3	1,79	168,3	4,5	18,1
38	2,6	2,29	193,7	5,4	25
42,4	2,6	2,57	219,1	5,9	31
44,5	2,6	2,70	244,5	6,3	37,1
48,3	2,6	2,95	273	6,3	41,6
54	2,6	3,32	323,9	7,1	55,6
57	2,9	3,90	355,6	8	68,3
60,3	2,9	4,14	368	8	70,8
70	2,9	4,83	406,4	8,8	85,9
76,1	2,9	5,28	419	8,8	88,7
88,9	3,2	6,81	470	10	113
101,6	3,6	8,76	508	11	135
108	3,6	9,33	521	11	138
114,3	3,6	9,90	572	12,5	172
133	4	12,8			

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Tubi acciaio senza saldatura API 5 L – ASTM A 106

SCHEDULA 40

D.E.	Ø	Sp	Kg/M	D.E.	Ø	Sp.	Kg/m
10,3	1/8	1,73	0,36	101,6	3 1/2	5,74	13,37
13,7	1/4	2,24	0,63	114,3	4"	6,02	16,07
17,1	3/8	2,31	0,85	141,3	5"	6,55	21,78
21,3	1/2	2,77	1,27	168,3	6"	7,11	28,26
26,7	3/4	2,87	1,68	219,1	8"	8,18	42,53
33,4	1"	3,38	2,50	273	10"	9,27	60,29
42,2	1 1/4	3,56	3,38	323,8	12"	10,31	79,72
48,3	1 1/2	3,68	4,05	355,6	14"	11,13	94,49
60,3	2"	3,91	5,44	406,4	16"	12,70	123,29
73	2 1/2	5,16	8,62	457,2	18"	14,27	155,91
88,9	3"	5,49	11,29	508	20"	15,09	183,37

Tubo zincato senza saldatura

Ø	D.E.	Sp.	Kg/m
3/8	17,2	2	0,807
1/2	21,3	2,35	1,18
3/4	26,9	2,35	1,50
1"	33,7	2,90	2,34
1 1/4	42,4	2,90	3,00
1 1/2	48,3	2,90	3,45
2"	60,3	3,25	4,82
2 1/2	76,1	3,25	6,17
3"	88,9	3,65	8,10
4″	114,3	4,05	11,7
5"	139,7	4,85	17,1
6"	168,3	4,85	20,3

Tubo zincato serie leggera UNI 8863 Fretz-Moon ISO 65 con manicotto

Ø	D.E.	Sp.	Kg/m
3/8	17,1	2	0.786
1/2	21,4	2,3	1,14
3/4	26,9	2,3	1,46
1"	33,8	2,9	2,30
1 1/4	42,5	2,9	2,95
1 1/2	48,4	2,9	3,39
2"	60,2	3,2	4,70
2 1/2	76,0	3,2	6,03
3"	88,7	3,6	7,93

Tubo Fretz-Moon portacavi per impianti antideflagrante (AD-PE)

Ø	D.E.	Sp.	Kg/m
1/2	21,7	2,35	1,19
3/4	27,1	2,35	1,50
1"	34,0	2,90	2,33
1 1/4	42,7	2,90	2,99
1 1/2	48,6	2,90	3,45
2"	60,7	3,25	4,83
2 1/2	76,3	3,26	6,15
3"	89,4	3,65	8,15

Tubo in polietilene alta densità PE. a.d. UNI 7613-7611

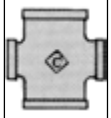
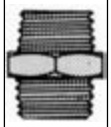
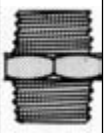
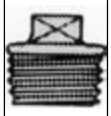
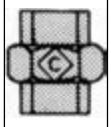
	PN 10	PN 16
D.E.	Sp.	Sp.
20	2,0	2,8
25	2,3	3,5
32	3,0	4,5
40	3,7	5,6
50	4,6	6,9
63	5,8	8,7
75	6,9	10,4
90	8,2	12,4
110	10,0	15,2
125	11,4	17,3
140	12,8	19,3
160	14,6	22,1
180	16,4	24,8
200	18,2	27,6

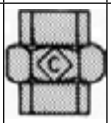
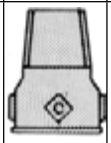
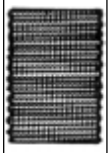
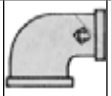
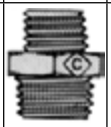
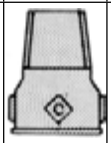
LUNGHEZZE COMMERCIALI STANDARD
da m. 100 Ø 20 - 25 - 32 - 40 - 50 - 63
da m. 50 Ø 75-90-110

Tubo rame cotto

Ø	Kg/M
6 x 1	0,140
8 x 1	0,196
10 x 1	0,252
12 x 1	0,307
14 x 1	0,363
16 x 1	0,419
18 x 1	0,475

		DENOMINAZIONE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6
1		**Curve** maschio femmina	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2		**Curve**		●	●	●	●	●	●	●	●	●	●	●	●	●
40		**Curve a 45°** maschio femmina		●	●	●	●	●	●	●	●	●	●	●		
41		**Curve a 45°**			●	●	●	●	●	●	●	●	●			
85		**Curve di sorpasso**			●	●	●	●	●	●	●					
90		**Gomiti**	●	●	●	●	●	●	●	●	●	●	●	●		
92		**Gomiti** maschio femmina	●	●	●	●	●	●	●	●	●	●	●	●	●	●
96		**Gomiti** con bocchettone conico		●	●	●	●	●	●	●	●	●	●			
98		**Gomiti** con bocchettone conico maschio-femmina		●	●	●	●	●	●	●	●	●	●			
120		**Gomiti a 45°**		●	●	●	●	●	●	●	●	●	●	●		●

		DENOMINAZIONE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6
130		**Ti**	●	●	●	●	●	●	●	●	●	●	●	●	●	●
180		**Croci**		●	●	●	●	●	●	●	●	●	●	●		
270		**Manicotti**	●	●	●	●	●	●	●	●	●	●	●	●	●	●
280		**Nippli**	●	●	●	●	●	●	●	●	●	●	●	●	●	●
281		**Nippli** con filettatura destra-sinistra		●	●	●	●	●	●	●	●	●	●	●		●
290		**Tappi**	●	●	●	●	●	●	●	●	●	●	●	●		
300		**Calotte** esagonali		●	●	●	●	●	●	●	●	●	●	●		
301		**Calotte** tonde		●	●	●	●	●	●	●	●	●	●	●		
310		**Controdadi**		●	●	●	●	●	●	●	●	●	●			
340		**Bocchettoni sede conica** Femmina femmina	●	●	●	●	●	●	●	●	●	●	●	●		

		DENOMINAZIONE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6
341		**Bocchettoni** sede conica maschio-femmina		●	●	●	●	●	●	●	●	●	●	●		
529/A		**Manicotti** maschio-femmina		●	●	●	●	●	●	●	●					
531		**Viti** semplici in acciaio		●	●	●	●	●	●	●	●					
90/r		**Gomiti** ridotti			●	●	●	●	●	●	●					
130/r		**Ti** derivazione ridotta			●	●	●	●	●	●	●	●	●	●	●	●
240		**Manicotti** ridotti			●	●	●	●	●	●	●	●	●	●	●	●
241		**Riduzioni** maschio-femmina		●	●	●	●	●	●	●	●	●	●	●	●	●
245		**Nippli** ridotti		●	●	●	●	●	●	●	●	●	●			
246		**Manicotti** ridotti maschio-femmina				●	●	●	●	●	●					

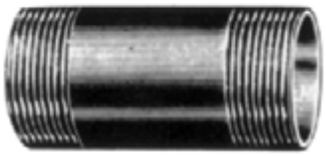
Manicotti e mezzi manicotti in ferro neri o zincati

Ø misure	1/8"	1 1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"

Ø misure	1/8"	1 1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"

Tronchetti e barilotti in ferro neri o zincati

Disponibili nelle misure da 3/8" a 4".



Bocchettone completo

DN	A	B	C	D	E	F
25	44	28		52x1/6"	63	26,5
32	50	34		58x1/6"	70	32,5
40	53	40		65x1/6"	78	38,5
50	57	52		78x1/6"	92	50,5
65	65	70		95x1/6"	112	66,5
80	74	80÷85		110x1/4"	127	
90	71	87÷93		120x1/4"	138	
100	89	100÷106		170x1/4"	148	

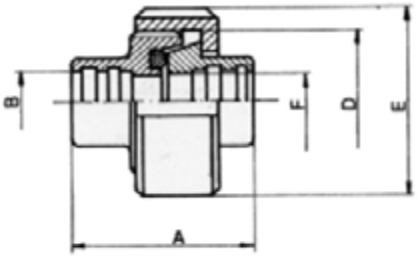


Fig. 200

Bocchettone femmina filettato

DN	A	B	C	D	E	F
25	29	15	28,2	521/6"	7	26,5
32	32	18	34,2	58x1/6"	7	32,5
40	33	20	40,2	65x1/6"	7	38,5
50	35	22	52,2	78x'/6"	7	50,5
65	40	25	70,3	95x1/6"	8	66,5
80	44	28	a ric.	110x1/4 "	8	a ric.
90	44	28	a ric.	120x1/4"	10	a ric,
100	53	35	a ric.	130x1/4"	10	a ric,

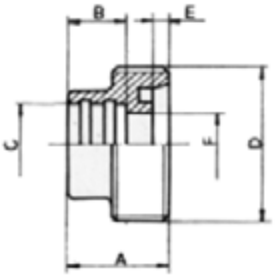


Fig. 201

Bocchettone maschio conico

DN	A	B	C	D	E	F
25	22	15	28,2	44	10	26,5
32	25	18	34,2	50	10	32,5
40	26	20	40,2	56	10	38,5
50	28	22	52,2	68	11	50,5
65	32	25	70,3	86	12	66,5
80	35	28	a ric.	100	12	a ric.
90	35	28	a ric.	111	15	a ric.
100	42	35	a ric.	121	15	a ric.

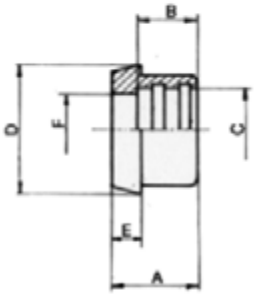


Fig. 202

Bocchettone femmina filettato con attacco filettato gas

DN	A	B	C	D	E
25	48	26	1" gas	52x1/6"	18
32	52	32	1 1/4" gas	58x1/6"	18
40	57	38	1 1/2" gas	65x1/6"	25
50	62	50	2" gas	78x1/6"	25
65	68	66	2 1/2" gas	95x1/4"	25
80	73	78	3" gas	110x1/4"	25
90	73	85	3 1/2" gas	120x1/4"	25
100	83	98	4" gas	130x1/4"	30

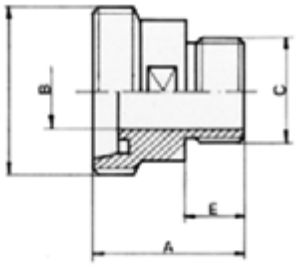


Fig. DG 205

Bocchettone femmina con interno filettato gas

DN	A	B	C	D	E
25	30	26	1 " gas	52x1/6"	18
32	35	32	1 1/4" gas	58x1/6"	22
40	35	38	1 1/2" gas	65x1/6"	22
50	40	50	2" gas	78x1/6"	22
65	40	66	2 1/2" gas	95x1/4"	25
80	50	78	3" gas	110x1/4"	27
90	53	85	3 1/2" gas	120x1/4"	27
100	60	98	4" gas	130x1/4	30

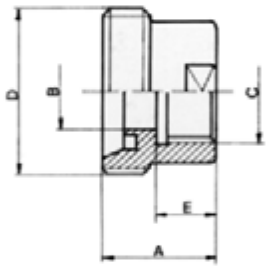


Fig. DG 206

Bocchettone maschio conico con attacco filettato gas

DN	A	B	C	D	E
25	42	26	1 " gas	44	15
32	55	32	1 1/4" gas	50	20
40	55	38	1 1/2" gas	56	25
50	65	50	2" gas	68	25
65	65	66	2 1/2" gas	86	25
80	65	78	3" gas	100	25
90	70	85	3 1/2" gas	111	25
100	80	98	4" gas	121	30

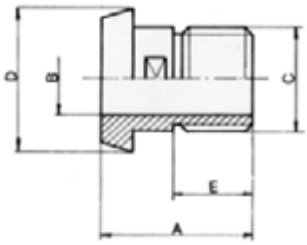


Fig. DG 207

Bocchettone femmina filettato con attacco per tubi gomma

DN	A	B	C	D	E
25	67	26	32	52x1/6"	7
32	70	32	40	58x1/6	7
40	80	38	48	65x1/6"	7
50	95	50	60	78x1/6	7
65	105	66	75	95x1/6"	8
80	125	78	88	110x1/4"	8
90	125	85	101	120x1/4"	10
100	125	98	114	130x1/4"	10

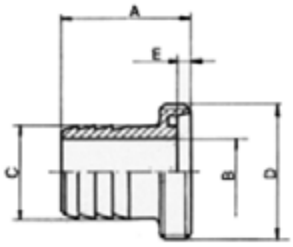


Fig. DG 210

Bocchettone maschio conico con attacco per tubi gomma

DN	A	B	C	D	E
25	62	26	32	44	10
32	65	32	40	50	10
40	75	38	48	56	10
50	90	50	60	68	11
65	100	66	75	86	12
80	120	78	88	100	12
90	120	85	101	111	15
100	120	98	114	120	15

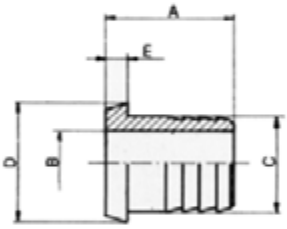


Fig. DG 211

Guarnizioni in gomma

DN	A	B	C
25	30	5	40
32	36	5	46
40	42	5	52
50	54	5	64
65	71	5	81
80	85	5	95
90	94	5	104
100	104	5	114

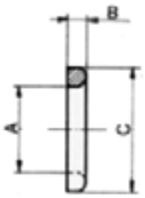


Fig. 204

Girella

DN	A	B	C	D	E
25	21	3	36	52x1/6"	63
32	21	3	42	58x1/6"	70
40	21	3	49	65x1/6"	78
50	22	3	62	78x1/6"	92
65	25	4	80	95x1/6"	112
80	30	4	94	110x1/4"	127
90	30	4	104	120x1/4"	138
100	31	5	115	130x1/4"	148

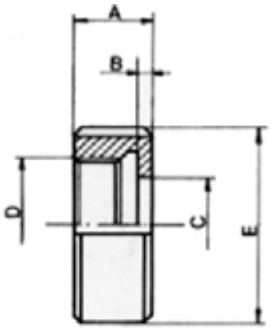


Fig. 203

Girella cieca

DN	A	B	C	D
25	21	18	63	52x1/6"
32	21	18	70	58x1/6"
40	21	18	78	65x1/6"
50	22	19	92	78x1/6"
65	25	21	112	95x1/6"
80	30	26	127	110x1/4"
90	30	26	138	120x1/4"
100	31	26	148	130x1/4"

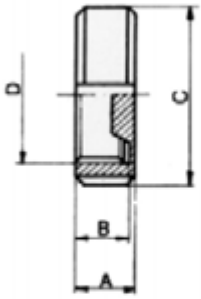


Fig. 223

Maschio di chiusura

DN	A	B	C	E
25	13	44	35	10
32	13	50	41	10
40	13	56	48	10
50	14	68	61	11
65	16	86	79	12
80	16	100	93	12
90	19	111	103	15
100	19	121	114	15

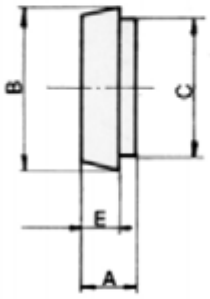


Fig. DG 208

Curva a 90° completa di raccordi

DN	A	B
25	99	50
32	110	56
40	117	63
50	131	72
65	149	85

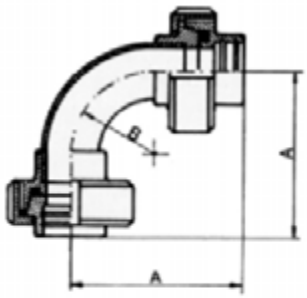


Fig. DM 232

Raccordo a T completo di maschio e femmina mandrinati

DN	A
25	79
32	88
40	99
50	106
65	124
80	166
90	162
100	173

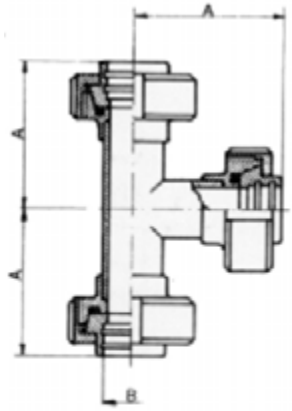
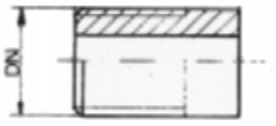


Fig. DM 228

Raccorderia in acciaio inox AISI 304-316 filettata gas UNI 338

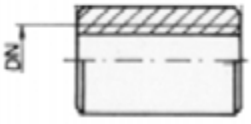
Tronchetti da saldare

DN	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"



Manicotto

DN	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"

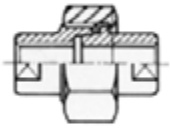


Nipplo

DN	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"

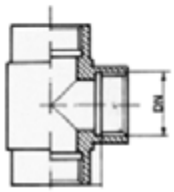
Bocchettone

DN	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"



Tee

DN	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"



Gomiti

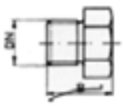
DN	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

Portagomma

DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

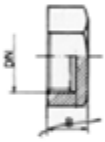
Tappo maschio

DN	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"



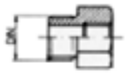
Tappo femmina

DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"



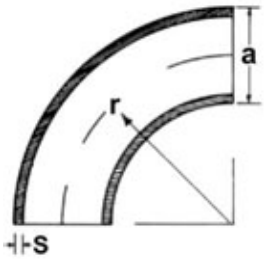
Riduzioni

DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"



Curve elettrounite a 90° in AISI 304-316

DN	Ø dia.	a	s	DN	Ø dia.	a	s	DN	Ø dia.	a	s
10	3/8"	17,2	1,5			44,5	1,5			84,0	1,5
			2,0				2,0				2,0
		18,0	1,5				2,5				2,5
			2,0				3,0				3,0
		20,0	1,5	**40**	1 1/2"	48,3	1,5	**80**	3"	88,9	1,5
			2,0				2,0				2,0
15	1/2"	21,3	1,5				2,5				2,5
			2,0				3,0				3,0
		23,0	1,5			50,0	1,5			100,0	1,5
			2,0				2,0				2,0
		25,0	1,5				2,5				2,5
			2,0				3,0				3,0
			2,5			52,0	1,5		3 1/2	101,6	1,5
20	3/4"	26,9	1,5				2,0				2,0
			2,0				2,5				2,5
			2,5				3,0				3,0
		28,0	1,5			53,0	1,5			104,0	1,5
			2,0				2,0				2,0
		30,0	1,5				2,5				2,5
			2,0				3,0			108,0	1,5
			2,5			54,0	1,5				2,0
			3,0				2,0				2,5
		32,0	1,5				2,5				3,0
			2,0				3,0	**100**	4"	114,3	2,0
			2,5			57,0	1,5				2,5
			3,0				2,0				3,0
		33,0	1,5				2,5				4,0
			2,0				3,0	**125**	5"	139,7	2,0
			2,5	**50**	2"	60,3	1,5				2,5
			3,0				2,0				3,0
25	1"	33,7	1,5				2,5				3,5
			2,0				3,0				4,0
			2,5			63,0	1,5	**150**	6"	168,3	2,0
			3,0				2,0				2,5
		34,0	1,5				2,5				3,0
			2,0				3,0				3,5
			2,5			70,0	1,5				4,0
			3,0				2,0	**200**	8"	219,1	2,0
		38,0	1,5				2,5				2,5
			2,0				3,0				3,0
		40,0	1,5			73,0	1,5				3,5
			2,0				2,0				4,0
			2,5				2,5	**250**	10"	273,0	2,5
			3,0				3,0				3,0
32	1 1/4"	42,4	1,5	**65**	2 1/2"	76,1	1,5				3,5
			2,0				2,0				4,0
			2,5				2,5	**300**	12"	323,9	2,5
			3,0				3,0				3,0
		43,0	1,5			80,0	1,5				3,5
			2,0				2,0				4,0
			2,5				2,5				
			3,0				3,0				

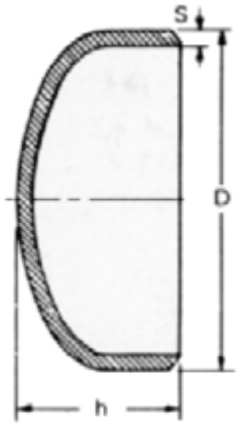


Raggio R	
Ø	r
1/2"	31,8 mm
3/4"	28,5 mm
1"	38,1 mm
1 1/4"	47,5 mm
1 1/2"	57,2 mm
2"	76,2 mm
2" 1/2	95,2 mm
3"	114,3 mm
3" 1/4	133,3 mm
4"	152,4 mm
5"	190,5 mm
6"	228,5 mm
8"	305 mm
10"	381 mm
12"	457,2 mm

Tolleranze sul raggio ±2,5-3 mm

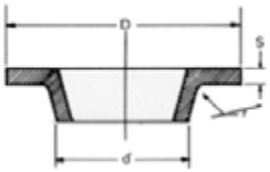
Fondelli ISO in AISI 304-316

D	h	D	h
26,9	14	114,3	30
33,7	14	139,7	30
42,4	14	168,3	45
48,3	14	219,1	60
60,3	21	273,0	65
76,1	23	323,9	65
88,9	25	355,6	80



S = 2 - 2,5 - 3
altezze non impegnative

Cartelle bordi d'appoggio

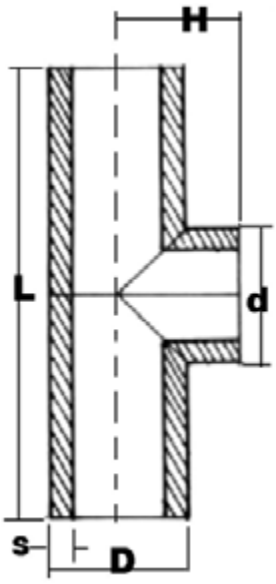


DN	Ø dia	d	S	D	DN	Ø dia	d	S	D
15	1/2"	21,3	1,5	45	**50**	2"	60,3	2,0	102
			2,0					2,5	
			2,5					3,0	
20	3/4 "	26,9	1,5	58	**65**	2 1/2"	76,1	2,0	122
			2,0					2,5	
			2,5					3,0	
25	1	33,7	1,5	68	**80**	3"	88,9	2,0	138
			2,0					2,5	
			2,5					3,0	
32	1 1/4"	42,4	1,5	78				4,0	
			2,0		**100**	4"	114,3	2,0	158
			2,5					2,5	
			3,0					3,0	
40	1 1/2"	48,3	1,5	88				4,0	
			2,0						
			2,5						
			3,0						

DN	Ø dia.	d	S	D	DN	Ø dia.	d	S	D
125	5"	139,7	2,5	188	**250**	10"	273,0	3,0	320
			3,0					4,0	
			4,0					5,0	
125	5"	141,3	2,5	188	**300**	12"	323,9	3,0	370
			3,0					4,0	
			4,0					5,0	
150	6"	168,3	2,5	212				6,0	
			3,0		**350**	14"	355,6	3,0	430
			4,0					4,0	
200	8"	219,1	2,5	268				5,0	
			3,0					6,0	
			4,0		**400**	16"	406,4	3,0	482
			5,0					4,0	
								5,0	
								6,0	

Tee uguali e ridotti in AISI 304-316

D	d	L	H	D	d	L	H	D	d	L	H
21,3	17,2	50	18,6	**76,1**	33,7	152	53	**139,7**	60,3	248	81
26,9	17,2	58	22,5		42,4				76,1		
	21,3				48,3				88,9		
33,7	17 2	76	26,8	**88,9**	60,3	171	60,4		114,3		
	21,3				33,7			**168,3**	60,3	286	96
	26,9				42,4				76,1		
42,4	21,3	95	33,2		48,3				88,9		
	26,9				60,3				114,3		
	33,7				76,1				139,7		
48,3	21,3	114	37,1	**114,3**	33,7	210	67				
	26,9				42,4						
	33,7				48,3						
	42,4				60,3						
60,3	26,9	127	44		76,1						
	33,7				88,9						
	42,4										
	48,3										

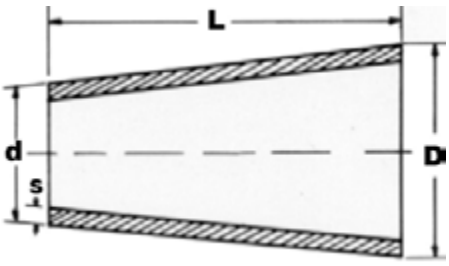


S = 2 – 3 mm

H valida solo per TEE uguali

Riduzioni concentriche ed eccentriche AISI 304-316

D	d	L	D	d	L	D	d	L	D	d	L
33,7	17,2	51	76,1	33,7	89	139,7	88,9	127	323,9	114,3	203
	21,3			42,4			114,3			139,7	
	26,9			48,3		168,3	60,3	140		168,3	
42,4	21,3	51		60,3			76,1			219,1	
	26,9		88,9	33,7	89		88,9			273,0	
	33,7			42,4			114,3		355	168,3	330
48,3	21,3	64		48,3			139,7			219,1	
	26,9			60,3		219,1	88,9	152		273,0	
	33,7			76,1			114,3			323,9	
	42,4		114,3	33,7	102		139,7		406,4	219,1	356
60,3	26,9	76		42,4			168,3			273,0	
	33,7			48,3		273,0	114,3	178		323,9	
	42,4			60,3			139,7			355,6	
	48,3			76,1			168,3				
				88,9			219,1				
			139,7	60,3	127						
				76,1							



S = 2 - 3 mm

Altezza non impegnativa, interpellateci per conferma.

Pagina variata – 09/2001

SPECIFICHE TECNICHE

I raccordi rapidi a leva sono compatibili con le specifiche di riferimento A-A-59326 (ex US Military no. MIL-C-27487) e DIN 2828/2826. Dette specifiche garantiscono la totale intercambiabilità, i metodi di fusione, i materiali, le dimensioni, le tolleranze, le pressioni di esercizio e le procedure di controllo.

CARATTERISTICHE TECNICHE

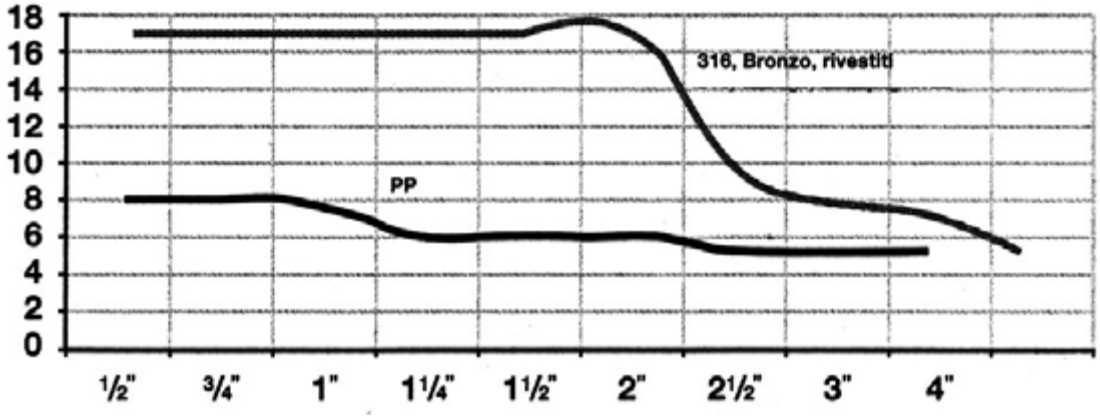
Le estremità dei raccordi possono essere fornite filettate, a saldare, con portagomma, flangiate od altre tipologie.
Normalmente i raccordi sono filettati BSPP o BSPT (GAS) e flangiati secondo DIN PN 10/16 ed ANSI classe 150 lbs.
Altre normative, sia per le filettature (NPT, UNC, etc.) che per le flange (DIN PN 40, ANSI classe 300 lbs., JIS, etc,) sono disponibili a richiesta.
Il diagramma della pressione massima di esercizio si riferisce a raccordi con guarnizione in Buna-N.
I raccordi a leva sono collaudati con test idro-pneumatico.

MATERIALI

I raccordi a leva sono disponibili nei seguenti materiali: AISI 316/316L rivestiti in PFA, PFA antistatico, PVDF e PP, AISI 316, Bronzo e Polipropilene caricato vetro. Altri materiali a richiesta.
Per applicazioni alimentari o farmaceutiche é prevista la possibilità di fornire i raccordi in AISI 316 elettrolucidato.
Le guarnizioni per i raccordi femmina possono essere in Buna-N, EPDM, FPM, PTFE con inserto in EPDM o FPM, PTFE alettato e FEP/Silicone incapsulato.

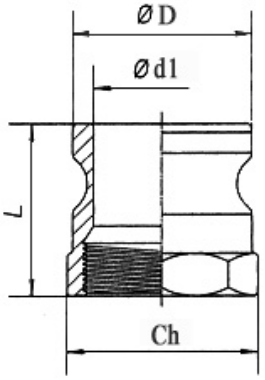
Pressione massima di esercizio

PN (bar)



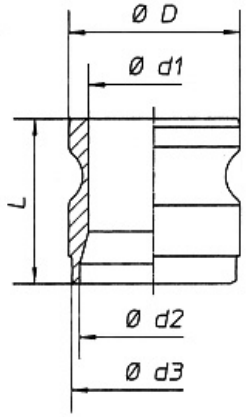
PAGINA VARIATA 04/2005

DN size	D mm	d1 mm	Ch mm	L mm
1/2”	24	13	27	38
3/4”	32	21	33	38
1”	37	24	41	46
1 1/4”	45	30	45	53
1 1/2”	53	39	53	53
2”	63	48	63	61
2 1/2”	76	60	83	76
3”	92	74	93	73
4”	120	102	121	79



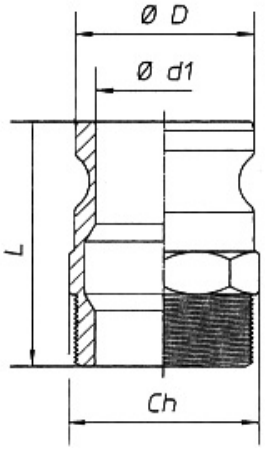
Modello A

DN size	D mm	d1 mm	d2 mm	d3 mm	L mm
1/2”	24	13	17	21,3	33
3/4”	32	21	21	26,9	35
1”	37	24	28	33,7	44
1 1/4”	45	30	37	42,4	50
1 1/2”	53	39	43	48,3	51
2”	63	48	54	60,3	62
2 1/2”	76	60	70	76,1	65
3”	92	74	85	88,9	65
4”	120	102	107	114,3	70



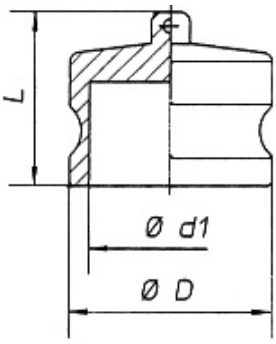
Modello AW

DN size	D mm	d1 mm	Ch mm	L mm
1/2”	24	15	33	55
3/4”	32	19	33	55
1”	37	24	41	70
1 1/4”	45	31	45	79
1 1/2”	53	37	53	79
2”	63	46	63	85
2 1/2”	76	56	83	100
3”	92	73	93	100
4”	120	102	121	108



Modello F

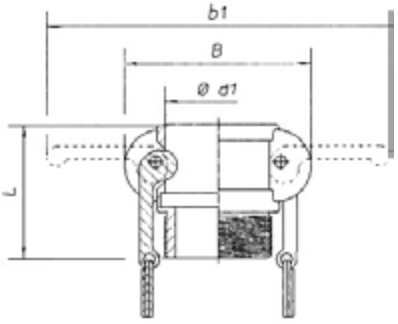
DN size	D mm	d1 mm	L mm
1/2”	24	13	38
3/4”	32	20	38
1”	37	25	44
1 3/4”	45	30	51
1 1/2”	53	38	51
2”	63	48	60
2 1/2”	76	59	63
3”	92	74	68
4”	120	103	71



Modello DP (P)

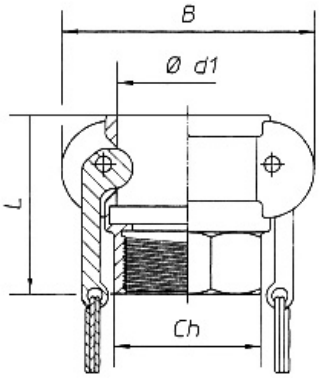
PAGINA VARIATA 04/2005

DN size	B mm	b1 mm	D1 mm	L mm
1/2”	45	105	24	51
3/4”	50	115	32	51
1”	60	137	37	62
1 1/4”	80	184	46	70
1 1/2”	89	190	53	72
2”	97	200	63	77
2 1/2”	110	213	76	85
3”	135	254	92	91
4”	165	280	120	95



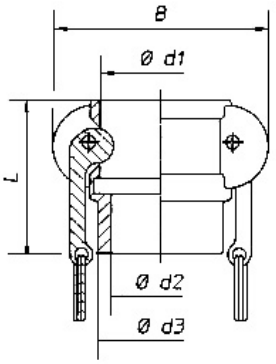
Modello B

DN size	B mm	d1 mm	Ch mm	L mm
1/2”	45	24	27	50
3/4”	50	32	33	50
1”	60	37	41	58
1 1/4”	80	46	45	64
1 1/2”	89	53	53	68
2”	97	63	63	75
2 1/2”	110	76	83	77
3”	135	92	93	87
4”	165	120	121	95



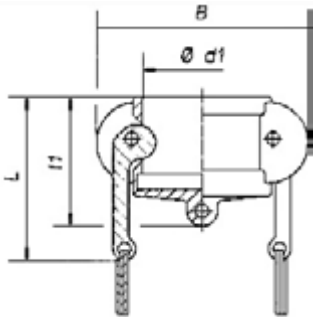
Modello D

DN size	B mm	d1 mm	d2 mm	d3 mm	L mm
1/2”	45	24	16	21,3	51
3/4”	50	32	21	26,9	51
1”	60	37	26	33,4	62
1 1/4”	80	46	35	42,4	70
1 1/2”	89	53	41	48,3	72
2”	97	63	52	60,3	77
2 1/2”	110	76	62	73,0	85
3”	135	92	73	88,9	91
4”	165	120	102	114,3	95



Modello DW

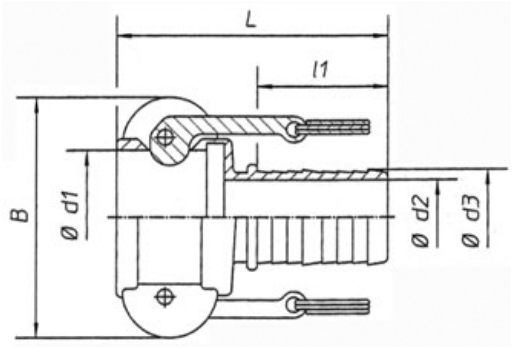
DN size	B mm	d1 mm	L mm	l1 mm
1/2”	45	24	51	45
3/4”	50	32	51	45
1”	60	37	60	50
1 1/4”	80	46	95	56
1 1/2”	89	53	95	58
2”	97	63	98	60
2 1/2”	110	76	100	65
3”	135	92	112	67
4”	165	120	115	67



Modello DC (L)

PAGINA VARIATA 04/2005

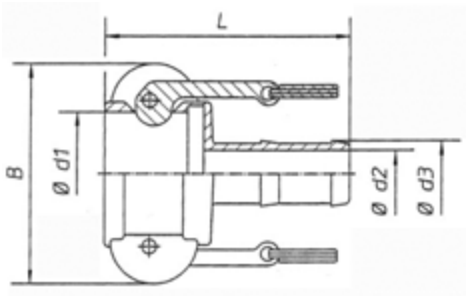
DN size	B mm	d1 mm	d2 mm	d3 mm	L mm	l1 mm
1/2”	45	24	9	15	80	40
3/4”	50	32	15	21	85	45
1”	60	37	21	27	100	50
1 1/4”	80	46	28	33	105	52
1 1/2”	89	53	34	40	114	52
2”	97	63	45	53	130	65
2 1/2”	110	76	57	65	138	81
3”	135	92	69	77	158	100
4”	165	120	93	103	165	108



Modello C

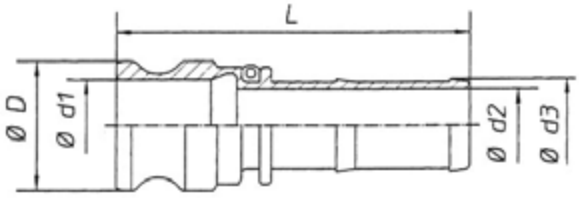
DN size	B mm	d1 mm	d2 mm	d3 mm	L mm
3/4” x 1/2”	50	24	9	15	85
1” x 3/4”	60	37	15	21	100
11/4” x 1”	80	46	21	27	105
1 1/2” x 1 1/4”	89	53	28	33	114
2” x 1 1/2”	97	63	34	40	130
2 1/2” x 2”	110	76	45	53	138
3” x 2 1/2”	135	92	57	65	158
4” x 3”	165	120	69	77	165

Disponibile solo in AISI 316



Modello CR

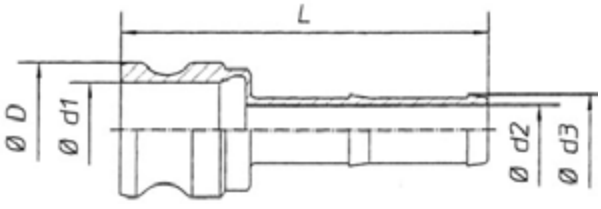
DN size	B mm	d1 mm	d2 mm	d3 mm	L mm	l1 mm
1/2”	45	24	9	15	80	40
3/4”	50	32	15	21	85	45
1”	60	37	21	27	100	50
1 1/4”	80	46	28	33	105	52
1 1/2”	89	53	34	40	114	52
2”	97	63	45	53	130	65
2 1/2”	110	76	57	65	138	81
3”	135	92	69	77	158	100
4”	165	120	93	103	165	108



Modello E

DN size	D mm	d1 mm	d2 mm	d3 mm	L mm
3/4” x 1/2”	32	24	9	15	89
1” x 3/4”	37	24	15	21	106
11/4” x 1”	45	31	21	27	110
1 1/2” x 1 1/4”	53	37	28	33	113
2” x 1 1/2”	63	46	34	40	130
2 1/2” x 2”	76	56	45	53	142
3” x 2 1/2”	92	73	57	65	158
4” x 3”	120	102	69	77	178

Disponibile solo in AISI 316

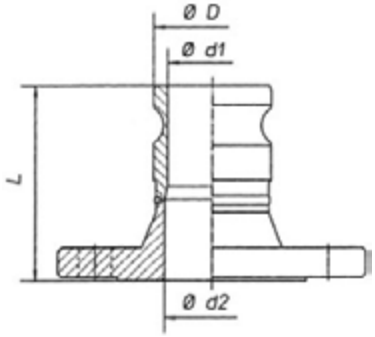


Modello ER

PAGINA VARIATA 04/2005

DN size	D mm	d1 mm	d2 mm	L mm
1/2”	24	13	16	68
3/4”	32	21	22	73
1”	37	24	28	82
1 1/4”	45	30	37	90
1 1/2”	53	39	43	94
2”	63	48	54	107
2 1/2”	76	60	70	110
3”	92	74	82	115
4”	120	102	107	122

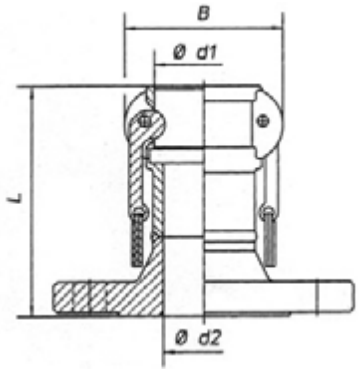
Disponibile solo in AISI 316 e con flangia DIN o ANSI



Modello LAS

DN size	B mm	d1 mm	d2 mm	L mm
1/2”	45	24	16	86
3/4”	50	32	22	89
1”	60	37	28	100
1 1/4”	80	46	37	110
1 1/2”	89	53	43	114
2”	97	63	54	122
2 1/2”	110	76	70	130
3”	135	92	82	141
4”	165	120	107	147

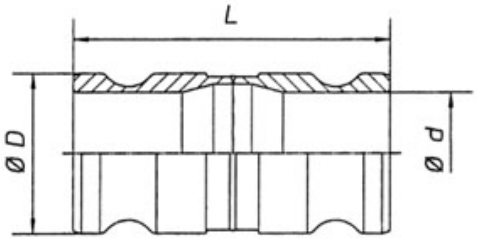
Disponibile solo in AISI 316 e con flangia DIN o ANSI



Modello LBS

DN size	D mm	d1 mm	L mm
1/2”	24	13	66
3/4”	32	21	70
1”	37	24	88
1 1/4”	45	30	100
1 1/2”	53	39	102
2”	63	48	124
2 1/2”	76	60	130
3”	92	74	130
4”	120	102	140

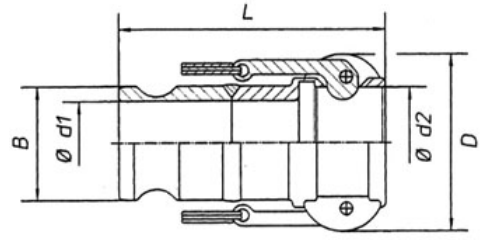
Disponibile solo in AISI 316



Modello AD

DN size	B mm	d1 mm	d2 mm	D Mm	L mm
1/2”	45	24	13	24	84
3/4”	50	32	21	32	86
1”	60	37	24	37	106
1 1/4”	80	46	30	45	120
1 1/2”	89	53	39	53	123
2”	97	63	48	63	139
2 1/2”	110	76	60	76	150
3”	135	92	74	92	156
4”	165	120	102	120	165

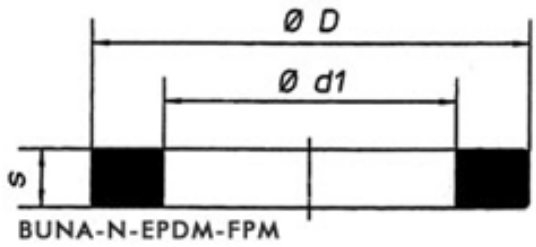
Disponibile solo in AISI 316



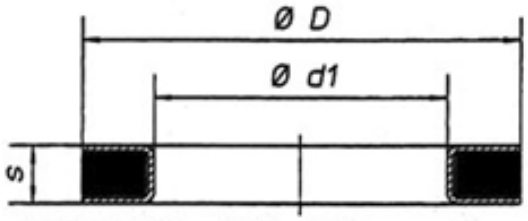
Modello CE

PAGINA VARIATA 04/2005

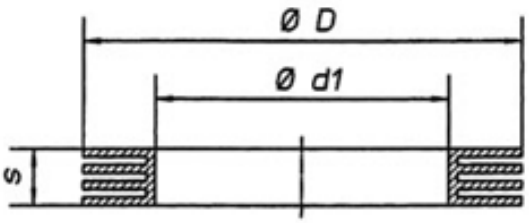
DN size	D mm	d1 mm	S mm
1/2”	26	17	3,96
3/4”	35	22	5,53
1”	40	27	6,35
1 1/4”	49	34	6,35
1 1/2”	55	41	6,35
2”	66	51	6,35
2 1/2”	79	60	6,35
3”	94	76	6,35
4”	123	102	6,35



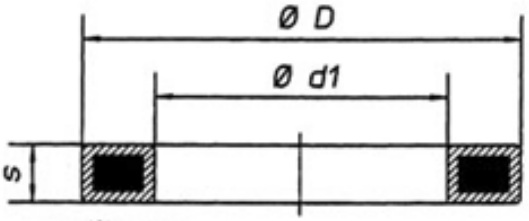
BUNA-N-EPDM-FPM



PTFE / EPDM - PTFE - FPM



PTFE



FEP silicone

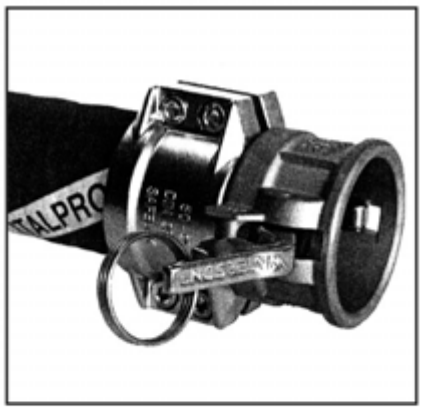
Materiale	Temperatura	Marcatura
BUNA – N	- 40° C / + 110° C	Blu
EPDM	- 40° C / + 140° C	Bianco
FPM	- 15° C / + 150° C	Rosso
PTFE / EPDM	- 40° C / + 140° C	Bianco
PTFE / FPM	- 15° C / + 150° C	Rosso
PTFE	- 40° C / + 200° C	
FEP silicone	- 40° C / + 170° C	

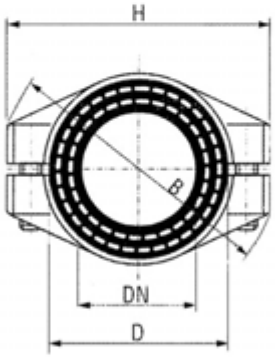
Altri materiali sono fornibili a richiesta

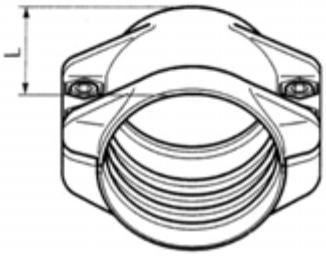
Pagina variata 04/2005

Morsetti SAFELOCK

I morsetti in due metà SAFELOK sono la scelta ideale per un montaggio rapido senza l'ausilio di attrezzature speciali mantenendo inalterata la qualità e soprattutto la sicurezza dell'assemblaggio.
La tipologia di produzione dei raccordi, unitamente all'utilizzo dei morsetti, permette di ottenere un assemblaggio equivalente alla bussola di pressatura con il vantaggio di assemblare direttamente in cantiere i tubi flessibili.
Il sistema di aggancio riproduce esattamente il concetto dell'esecuzione "two-pieces" garantendo così la non espulsione del raccordo dal tubo.
I morsetti possono essere utilizzati solo con tubi flessibili con copertura in gomma di diametro esterno "D" con valore uguale o compreso nella tabella sotto indicata.
Per applicazioni estemporanee ed economiche sono disponibili morsetti in Alluminio con viti zincate in presenza di fluidi o ambienti corrosivi é disponibile la versione in acciaio inossidabile AISI 316 elettrolucidato.





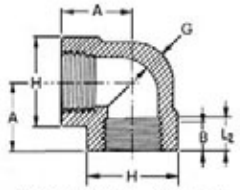


DN	D mm	H mm	L mm	DIN	Q.tà viti	Materiale
1/2”	22-24 24-26	56 53	50 65	2817 2826	4xM6x20 4xM6x20	Alluminio – 316 SS 316 SS
3/4"	30-33 32-34	65 68	50 65	2817 2826	4xM6x20 4xM6x25	Alluminio – 316 SS 316 SS
1”	39-39 39-41	73 77	50 65	2817 2826	4xM6x20 4xM6x20	Alluminio – 316 SS 316 SS
1 1/4"	43-46 47-50	75 86	50 75	2817 2826	4xM6x20 4xM6x20	Alluminio – 316 SS 316 SS
1 1/2"	50-52 53-56	83 101	50 90	2817 2826	4xM6x20 4xM10x40	Alluminio – 316 SS 316 SS
2”	64-67 67-69	103 111	57 100	2817 2826	4xM8x25 4xM8x25	Alluminio – 316 SS 316 SS
2 1/2"	78-82 84-87	120 120	74 74	2817 2817	4xM8x25 4xM8x25	Alluminio – 316 SS Alluminio
3”	89-93 94-97	132 132	76 76	2817 2817	4xM8x25 4xM8x25	Alluminio – 316 SS Alluminio
4”	114-119 122-126	166 174	120 120	2817 2817	4xM10x40 4xM10x40	Alluminio – 316 SS Alluminio

Morsetti di serraggio secondo DIN 2817/2826 completi di viti e dadi secondo DIN 912/934 in acciaio zincato o in acciaio inossidabile

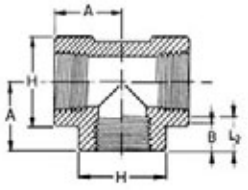
Pagina Variata 04/2005

Raccorderia forgiata serie 2-3-6000 IN-A 105 AISI 304-316
THREADED FITTINGS - raccordi filettati



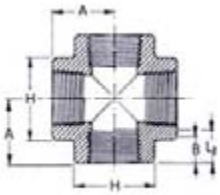
90° ELBOW 90° gomiti

To ANSI B 16.11 – BS 3799



TEE ti

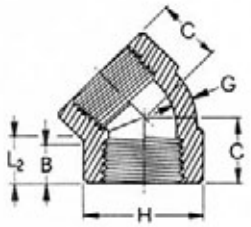
To ANSI B 16.11 – BS 3799



CROSS CROCI

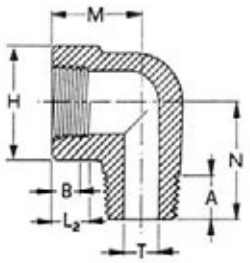
To ANSI B 16.11 – BS 3799

RATING serie	inch	NOMINAL PIPE SIZE / Ø NOMINALE											
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
2000 lb	A	20.6	20.6	24.6	28.5	33.3	38.1	44.5	50.8	60.5	76.2	85.9	106.4
	H	22.4	22.4	25.4	33.3	38.1	46.0	55.6	62.0	75.4	92.0	109.5	146.0
	G	3.2	3.2	3.2	3.2	3.2	3.7	3.9	4.0	4.3	5.6	6.0	6.6
3000 lb	A	20.6	24.6	28.5	33.3	38.1	44.5	50.8	60.5	63.5	82.6	95.3	114.3
	H	22.4	25.4	33.3	38.1	46.0	55.6	62.0	75.4	84.1	101.6	120.6	152.4
	G	3.2	3.3	3.5	4.1	4.3	5.0	5.3	5.6	7.1	7.6	8.8	11.2
6000 lb	A	20.6	28.5	33.3	38.1	44.5	50.8	60.5	76.2	82.6	95.3	106.4	114.3
	H	25.4	33.3	38.1	46.0	55.6	62.0	75.4	84.1	101.6	120.6	146.0	152.4
	G	6.4	6.6	7.0	8.2	8.5	9.9	10.6	11.1	12.1	15.3	16.6	18.7
THREAD filetto NPT	B	6.4	8.1	9.1	10.9	12.7	14.7	17.0	17.8	19.0	23.6	25.9	27.7
	L_2	6.7	10.2	10.4	13.6	13.9	17.3	17.9	18.4	19.2	28.9	30.5	33.0



45° ELBOW
gomiti 45°

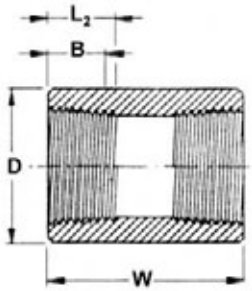
To ANSI B 16.11 – BS 3799



STREET ELBOW gomiti M/F

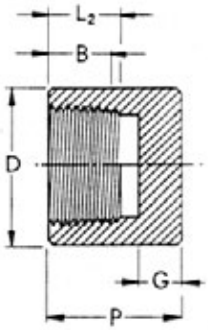
STANDARD DIMENSIONS

RATING serie	inch	NOMINAL PIPE SIZE / Ø NOMINALE											
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
2000 lb	C	17.5	17.5	19.0	22.4	25.4	28.5	33.3	35.0	42.9	52.3	63.5	79.2
	H	22.4	22.4	25.4	33.3	38.1	46.0	55.6	62.0	75.4	92.0	109.5	146.0
	G	3.2	3.2	3.2	3.2	3.2	3.7	3.9	4.0	4.3	5.6	6.0	6.6
3000 lb	C	17.5	19.0	22.4	25.4	28.5	33.3	35.0	42.9	43.7	52.3	63.5	79.2
	H	22.4	25.4	33.3	38.1	46.0	55.6	62.0	75.4	84.1	101.6	120.6	152.4
	G	3.2	3.3	3.5	4.0	4.3	5.0	5.3	5.6	7.1	7.6	8.8	11.2
	M	-	24.6	28.5	33.3	38.1	44.5	50.8	60.5	63.5	-	-	-
	N	-	26.7	32.0	35.3	40.9	50.0	61.0	69.8	82.5	-	-	-
	T	-	7.5	10.5	13.5	18.5	23.5	32.0	37.5	48.5	-	-	-
6000 lb	C	19.0	22.4	25.4	28.5	33.3	35.0	42.9	47.3	52.3	63.5	79.2	79.2
	H	25.4	33.3	38.1	46.0	55.6	62.0	75.4	84.1	101.6	120.6	146.0	152.4
	G	6.4	6.6	7.0	8.2	8.5	9.9	10.6	11.1	12.1	15.3	16.6	18.7
	M	-	28.5	33.3	38.1	44.5	50.8	60.5	63.5	-	-	-	-
	N	-	32.0	35.3	40.9	50.0	61.0	69.8	82.5	-	-	-	-
	T	-	5.5	7.5	10.5	12.5	16.5	24.0	29.5	-	-	-	-
THREAD filetto NPT	A	9.6	11.2	12.7	14.2	15.7	19.0	20.6	20.6	22.3	26.9	28.4	31.7
	B	6.4	8.1	9.1	10.9	12.7	14.7	17.0	17.8	19.0	23.6	25.9	27.7
	L_2	6.7	10.2	10.4	13.6	13.9	17.3	17.9	19.4	19.2	28.9	30.5	33.0



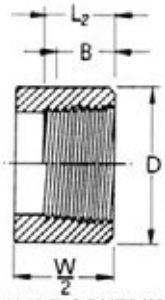
COUPLING
manicotti

To ANSI B 16.11 – BS 3799



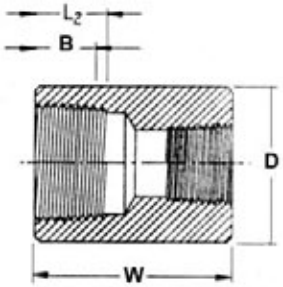
CAP tappi femmina

To ANSI B 16.11 – BS 3799



HALF COUPLING
mezzi manicotti

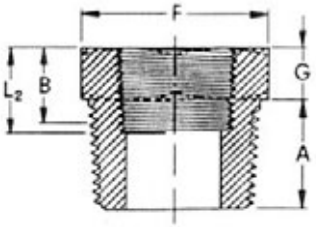
To ANSI B 16.11 – BS 3799



REDUCING COUPLING
manicotti ridotti

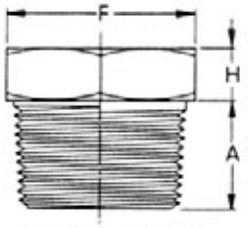
To ANSI B 16.11 – BS 3799

RATING serie	inch	NOMINAL PIPE SIZE / Ø NOMINALE											
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3000 lb	D	15.7	19.0	22.3	28.5	35.0	44.5	57.1	63.5	76.2	91.9	107.9	139.7
	W	31.7	35.0	38.1	47.7	50.8	60.4	66.5	79.2	85.8	91.9	107.9	120.6
	P	19.0	25.4	25.4	31.7	35.8	41.1	44.5	44.5	47.7	60.4	65.0	68.3
	G	4.8	4.8	4.8	6.3	6.3	9.6	9.6	11.2	12.7	15.7	19.0	22.3
6000 lb	D	22.3	25.4	31.7	38.1	44.5	57.1	63.5	76.2	91.9	107.9	127.0	158.7
	W	31.7	35.0	38.1	47.7	50.8	60.4	66.5	79.2	85.8	91.9	107.9	120.6
	P	-	26.9	26.9	33.3	38.1	42.9	46.0	47.7	50.8	63.5	68.3	74.7
	G	-	6.3	6.3	7.9	7.9	11.2	11.2	12.7	15.7	19.0	22.3	28.4
THREAD filetto NPT	B	6.4	8.1	9.1	10.9	12.7	14.7	17.0	17.8	19.0	23.6	25.9	27.7
	L_2	6.7	10.2	10.4	13.6	13.9	17.3	17.9	18.4	19.2	28.9	30.5	33.0



HEX HEAD BUSHING
riduzioni esagonali M/F

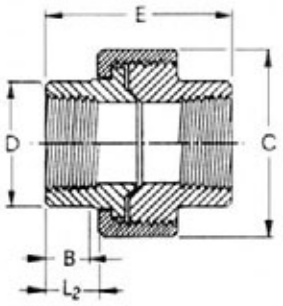
To ANSI B 16.11 – BS 3799



HEX HEAD PLUG
tappi testa esagonale

To ANSI B 16.11 – BS 3799

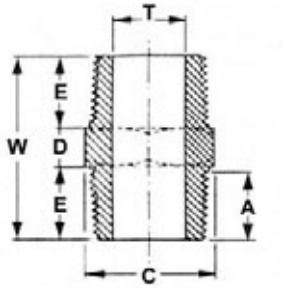
RATING serie	inch	NOMINAL PIPE SIZE / Ø NOMINALE											
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3/6000 lb	A	9.6	11.2	12.7	14.2	15.7	19.0	20.6	20.6	22.3	26.9	28.4	31.7
	F	11.0	16.0	17.5	22.0	27.0	35.0	44.5	51.0	63.5	76.0	89.0	117.5
	G	-	3.0	4.1	4.8	5.6	6.3	7.1	7.8	8.6	9.6	10.4	12.7
	H	6.3	6.3	7.9	7.9	9.6	9.6	14.2	15.7	17.5	19.0	20.6	31.7
	I	6.3	6.3	7.9	9.6	11.2	12.7	14.2	15.7	17.5	19.0	20.6	25.4
THREAD filetto NPT	B	6.4	8.1	9.1	10.9	12.7	14.7	17.0	17.8	19.0	23.6	25.9	27.7
	L_2	6.7	10.2	10.4	13.6	13.9	17.3	17.9	18.4	19.2	28.9	30.5	33.0



UNION BOCCHETTONI

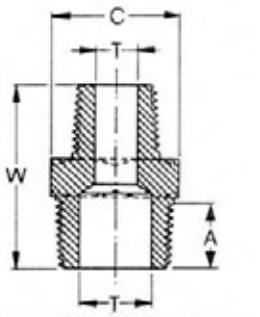
To MSS SP 83 - BS 3799

RATING serie	inch	NOMINAL PIPE SIZE / Ø NOMINALE											
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3000 lb	C	35.0	35.0	40.0	46.0	55.5	64.5	78.0	87.0	104.0	124.0	150.0	187.0
	D	14.7	19.1	22.9	27.7	33.5	41.4	50.5	57.1	70.1	85.3	102.4	136.5
	E	41.4	41.4	46.0	49.0	56.9	52.0	71.1	76.5	86.1	118.0	109.0	153.0
6000 lb	C	46.0	46.0	64.5	64.5	87.0	87.0	104.0	124.0	-	-	-	-
	D	27.7	27.7	38.5	41.4	57.2	57.2	70.1	85.3	-	-	-	-
	E	49.0	49.0	62.0	62.0	76.5	76.5	86.1	118.0	-	-	-	-
THREAD filetto NPT	B	6.4	8.1	9.1	10.9	12.7	14.7	17.0	17.8	19.0	23.6	25.9	27.7
	L_2	6.7	10.2	10.4	13.6	13.9	17.3	17.9	18.4	19.2	28.9	30.5	33.0



HEX NIPPLE
nippli esagonali

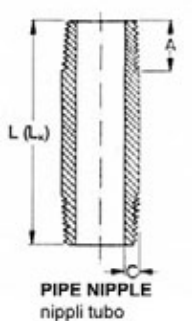
To BS 3799



REDUCING HEX NIPPLE
nippli esagonali ridotti

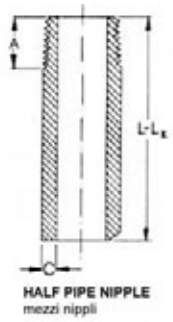
To BS 3799

RATING serie	inch	NOMINAL PIPE SIZE / Ø NOMINALE											
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3000 lb	w	26.0	36.0	40.0	48.0	52.0	60.0	66.0	68.0	71.0	94.0	102.0	110.0
	E	10.0	15.0	16.0	20.0	21.0	25.0	26.0	26.0	27.0	37.0	40.0	43.0
	D	6.0	6.0	8.0	8.0	10.0	10.0	14.0	16.0	17.0	20.0	22.0	24.0
	C	11.0	15.0	18.0	22.0	27.0	35.0	45.0	50.0	62.0	76.0	93.0	119.0
	T	-	8.0	11.0	14.0	19.0	24.0	32.0	38.0	49.0	58.2	73.0	96.0
6000 lb	W	26.0	36.0	40.0	48.0	52.0	60.0	66.0	68.0	71.0	94.0	102.0	110.0
	E	10.0	15.0	16.0	20.0	21.0	25.0	26.0	26.0	27.0	37.0	40.0	43.0
	D	6.0	6.0	8.0	8.0	10.0	10.0	14.0	16.0	17.0	20.0	22.0	24.0
	C	11.0	15.0	18.0	22.0	27.0	35.0	45.0	50.0	62.0	76.0	93.0	119.0
	M	-	25.4	31.7	38.1	44.5	57.1	63.5	76.2	91.9	-	-	-
	T	-	6.0	8.0	11.0	13.0	17.0	24.5	30.0	39.0	-	-	-
THREAD filetto NPT	A	9.6	11.2	12.7	14.2	15.7	19.0	20.6	20.6	22.3	26.9	28.4	31.7



PIPE NIPPLE
nippli tubo

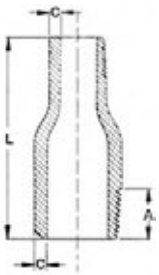
To ANSI B 36.10



HALF PIPE NIPPLE
mezzi nippli

To ANSI B 36.10

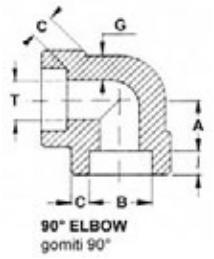
TYPE/ SCHEDULE tipo/ schedula	inch	NOMINAL PIPE SIZE Ø NOMINALE											
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
STD SCH. 40	Ø	10.3	13.7	17.1	21.3	26.7	33.4	42.2	48.3	60.3	73.0	88.9	114.3
	C	1.7	2.2	2.3	2.8	2.9	3.4	3.6	3.7	3.9	5.2	5.5	6.0
	L_K	20.2	23.5	26.7	29.8	33.0	39.9	43.3	43.3	46.8	57.1	60.3	68.5
XS SCH. 80	C	2.4	3.0	3.2	3.7	3.9	4.6	4.8	5.1	5.5	7.0	7.6	8.6
	L_K	20.2	23.5	26.7	29.8	33.0	39.9	43.3	43.3	46.8	57.1	60.3	68.5
SCH. 160	C	-	-	-	4.8	5.6	6.4	6.4	7.1	8.7	9.5	11.1	13.5
	L_K	-	-	-	29.8	33.0	39.9	43.3	43.3	46.8	57.1	60.3	68.5
XXS	C	-	-	-	7.5	7.8	9.1	9.7	10.2	11.1	14.0	15.2	17.1
	L_K	-	-	-	29.8	33.0	39.9	43.3	43.3	46.8	57.1	60.3	68.5
THREAD filetto NPT	A	9.6	11.2	12.7	14.2	15.7	19.0	20.6	20.6	22.3	26.9	28.4	31.7



SWAGE NIPPLE
nippli tubo ridotti

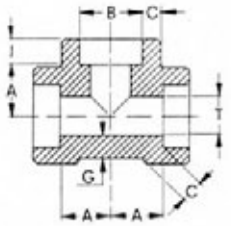
To MSS SP 95 – ANSI B 36.10

TYPE/ SCHEDULE tipo/ schedula	inch	NOMINAL PIPE SIZE Ø NOMINALE											
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
STD SCH. 40	Ø	10.3	13.7	17.1	21.3	26.7	33.4	42.2	48.3	60.3	73.0	88.9	114.3
	C	1.7	2.2	2.3	2.8	2.9	3.4	3.6	3.7	3.9	5.2	5.5	6.0
	L	-	69.9	69.9	69.9	76.2	88.9	101.6	114.3	165.1	178.0	203.0	228.0
XS SCH. 80	C	2.4	3.0	3.2	3.7	3.9	4.6	4.8	5.1	5.5	7.0	7.6	8.6
	L	-	69.9	69.9	69.9	76.2	88.9	101.6	114.3	165.1	178.0	203.0	228.0
SCH. 160	C	-	-	-	4.8	5.6	6.4	6.4	7.1	8.7	9.5	11.1	13.5
	L	-	-	-	69.9	76.2	88.9	101.6	114.3	165.1	178.0	203.0	228.0
XXS	C	-	-	-	7.5	7.8	9.1	9.7	10.2	11.1	14.0	15.2	17.1
	L	-	-	-	69.9	76.2	88.9	101.6	114.3	165.1	178.0	203.0	228.0
THREAD filetto NPT	A	9.6	11.2	12.7	14.2	15.7	19.0	20.6	20.6	22.3	26.9	28.4	31.7



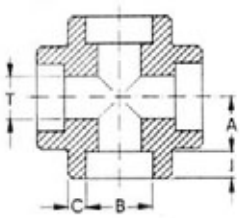
90° ELBOW
gomiti 90°

To ANSI B 16.11 – B 3799



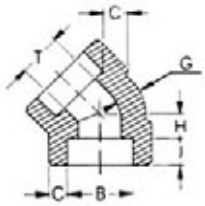
TEE ti

RATING SERIE	INCH		NOMINAL PIPE SIZE Ø NOMINALE											
			1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3000 LB	A	max	11.9	11.9	15.0	17.2	20.5	24.4	28.9	33.8	40.1	43.7	59.7	69.1
		min	10.4	10.4	12.0	14.2	17.5	20.3	24.9	29.7	36.1	38.6	54.6	64.0
	C	max	3.2	3.8	4.0	4.7	4.9	5.7	6.1	6.4	6.9	8.8	9.5	10.7
		min	3.2	3.3	3.5	4.1	4.3	5.0	5.3	5.5	6.0	7.7	8.3	9.3
	G	min	2.4	3.0	3.2	3.7	3.9	4.5	4.9	5.1	5.5	7.0	7.6	8.6
	T	max	7.6	10.0	13.3	16.6	21.7	27.4	35.8	41.6	53.3	64.2	79.5	103.8
		min	6.1	8.5	11.8	15.0	20.2	25.9	34.3	40.1	51.7	61.2	76.4	100.7
6000 LB	A	max	11.9	15.0	17.2	20.5	24.4	28.9	33.8	40.1	43.6	59.6	67.0	82.2
		min	10.4	12.0	14.2	17.5	20.3	24.9	29.7	36.1	38.6	54.6	61.0	76.2
	C	max	4.0	4.6	5.0	6.0	7.0	7.9	7.9	8.9	10.9	11.9	13.9	16.9
		min	3.4	4.0	4.4	5.2	6.0	6.9	6.9	7.8	9.5	10.4	12.2	14.8
	G	min	3.1	3.7	4.0	4.8	5.6	6.3	6.3	7.1	8.7	9.6	11.2	13.6
	T	max	4.8	7.1	9.9	12.5	16.3	21.5	30.2	34.7	43.6	54.8	66.3	88.0
		min	3.2	5.6	8.4	11.0	14.8	19.9	28.7	33.2	42.1	53.3	64.8	86.5
SOCKET tasca	B	max	10.9	14.3	17.8	22.0	27.3	34.1	42.8	48.9	61.4	74.2	90.2	115.8
		min	10.7	14.1	17.5	21.7	27.0	33.8	42.5	48.6	61.1	73.8	89.8	115.4
	J	min	9.7	9.7	9.7	9.7	12.7	12.7	12.7	12.7	15.7	15.7	15.7	19.0



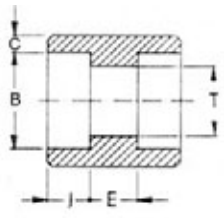
CROSS croci

To ANSI B 16.11 – B 3799



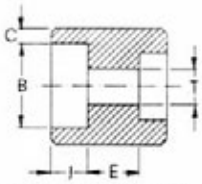
45° ELBOW
gomiti 45°

RATING SERIE	INCH		NOMINAL PIPE SIZE Ø NOMINALE											
			1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3000 LB	A	max	11.9	11.9	15.0	17.2	20.5	24.4	28.9	33.8	40.1	43.7	59.7	69.1
		min	10.4	10.4	12.0	14.2	17.5	20.3	24.9	29.7	36.1	38.6	54.6	64.0
	C	max	3.2	3.8	4.0	4.7	4.9	5.7	6.1	6.4	6.9	8.8	9.5	10.7
		min	3.2	3.3	3.5	4.1	4.3	5.0	5.3	5.5	6.0	7.7	8.3	9.3
	G	min	2.4	3.0	3.2	3.7	3.9	4.5	4.9	5.1	5.5	7.0	7.6	8.6
	T	max	7.6	10.0	13.3	16.6	21.7	27.4	35.8	41.6	53.3	64.2	79.5	103.8
		min	6.1	8.5	11.8	15.0	20.2	25.9	34.3	40.1	51.7	61.2	76.4	100.7
6000 LB	A	max	11.9	15.0	17.2	20.5	24.4	28.9	33.8	40.1	43.6	59.6	67.0	82.2
		min	10.4	12.0	14.2	17.5	20.3	24.9	29.7	36.1	38.6	54.6	61.0	76.2
	C	max	4.0	4.6	5.0	6.0	7.0	7.9	7.9	8.9	10.9	11.9	13.9	16.9
		min	3.4	4.0	4.4	5.2	6.0	6.9	6.9	7.8	9.5	10.4	12.2	14.8
	G	min	3.1	3.7	4.0	4.8	5.6	6.3	6.3	7.1	8.7	9.6	11.2	13.6
	T	max	4.8	7.1	9.9	12.5	16.3	21.5	30.2	34.7	43.6	54.8	66.3	88.0
		min	3.2	5.6	8.4	11.0	14.8	19.9	28.7	33.2	42.1	53.3	64.8	86.5
SOCKET tasca	B	max	10.9	14.3	17.8	22.0	27.3	34.1	42.8	48.9	61.4	74.2	90.2	115.8
		min	10.7	14.1	17.5	21.7	27.0	33.8	42.5	48.6	61.1	73.8	89.8	115.4
	J	min	9.7	9.7	9.7	9.7	12.7	12.7	12.7	12.7	15.7	15.7	15.7	19.0



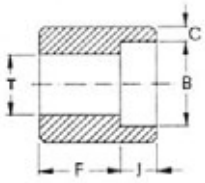
COUPLING manicotti

To ANSI B 16.11 – BS 3799



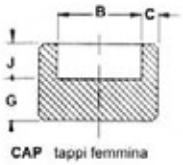
REDUCING COUPLING
manicotti ridotti

To ANSI B 16.11 – BS 3799



HALF COUPLING
mezzi manicotti

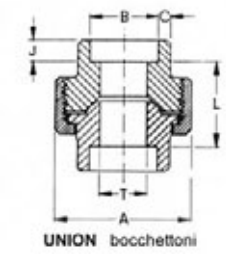
To ANSI B 16.11 – BS 3799



CAP tappi femmina

BS 3799

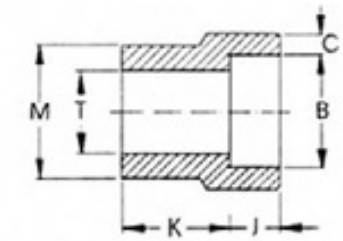
RATING SERIE	INCH		NOMINAL PIPE SIZE / Ø NOMINALE											
			1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3000 LB	C	ave	3.2	3.8	4.0	4.7	4.9	5.7	6.1	6.4	6.9	8.8	9.5	10.7
		min	3.2	3.3	3.5	4.1	4.3	5.0	5.3	5.5	6.0	7.7	8.3	9.3
	E	max	7.9	7.9	9.4	12.7	12.7	16.8	16.8	16.8	23.1	24.1	24.1	24.1
		min	4.8	4.8	3.3	6.6	6.6	8.6	8.6	8.6	15.0	14.0	14.0	14.0
	F	max	16.5	16.5	19.0	23.9	25.4	30.5	32.3	33.8	43.2	45.5	47.0	50.3
		min	15.0	15.0	16.0	20.8	22.4	26.4	28.2	29.7	39.1	40.4	41.9	45.2
	G	min	4.0	7.0	7.0	8.0	10.0	11.0	13.0	14.0	18.0	21.0	24.0	30.0
	T	max	7.6	10.0	13.3	16.6	21.7	27.4	35.8	41.6	53.3	64.2	79.5	103.8
		min	6.1	8.5	11.8	15.0	20.2	25.9	34.3	40.1	51.7	61.2	76.4	100.7
6000 LB	C	ave	4.0	4.6	5.0	6.0	7.0	7.9	7.9	8.9	10.9	11.9	13.9	16.9
		min	3.4	4.0	4.4	5.2	6.0	6.9	6.9	7.8	9.5	10.4	12.2	14.8
	E	max	7.9	7.9	9.4	12.7	12.7	16.8	16.8	16.8	23.1	24.1	24.1	24.1
		min	4.8	4.8	3.3	6.6	6.6	8.6	8.6	8.6	15.0	14.0	14.0	14.0
	F	max	16.5	16.5	19.0	23.9	25.4	30.5	32.3	33.8	43.2	45.5	47.0	50.3
		min	15.0	15.0	16.0	20.8	22.4	26.4	28.2	29.7	39.1	40.4	41.9	45.2
	G	min	6.0	8.0	10.0	11.0	13.0	14.0	18.0	19.0	24.0	29.0	34.0	44.0
	T	max	4.8	7.1	9.9	12.5	16.3	21.5	30.2	34.7	43.6	54.8	66.3	88.0
		min	3.2	5.6	8.4	11.0	14.8	19.9	28.7	33.2	42.1	53.3	64.8	86.5
SOCKET tasca	B	max	10.9	14.3	17.8	22.0	27.3	34.1	42.8	48.9	61.4	74.2	90.2	115.8
		min	10.7	14.1	17.5	21.7	27.0	33.8	42.5	48.6	61.1	73.8	89.8	115.4
	J	min	9.7	9.7	9.7	9.7	12.7	12.7	12.7	12.7	15.7	15.7	15.7	19.0



UNION bocchettoni

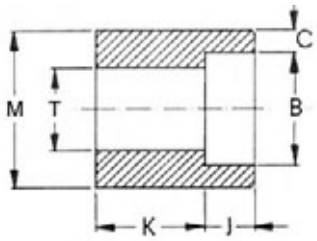
To ANSI B 16.11 – BS 3799 **To MSS SP 83 – BS 3799**

RATING SERIE	INCH		NOMINAL PIPE SIZE / Ø NOMINALE											
			1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3000 LB	A	nom	35.0	35.0	40.0	46.0	55.5	64.5	78.0	87.0	104.0	124.0	150.0	187.0
	C	ave	3.2	3.8	4.0	4.7	4.9	5.7	6.1	6.4	6.9	8.8	9.5	10.7
		min	3.2	3.3	3.5	4.1	4.3	5.0	5.3	5.5	6.0	7.7	8.3	9.3
	L	max	22.4	22.4	26.9	26.9	31.8	34.3	40.6	42.2	45.5	61.7	63.8	97.0
		min	19.0	19.0	20.6	20.6	25.4	26.2	32.5	34.0	37.3	52.1	53.6	85.0
	T	max	6.8	9.8	13.9	17.5	21.8	28.1	35.8	41.6	52.5	64.7	77.7	102.8
		min	6.4	9.4	13.5	17.1	21.4	27.7	35.4	41.2	52.1	64.3	77.3	100.7
6000 LB	A	nom	-	46.0	46.0	64.5	64.5	87.0	87.0	104.0	124.0	-	-	-
	C	ave	-	4.6	5.0	6.0	7.0	7.9	7.9	8.9	10.9	-	-	-
		min	-	4.0	4.4	5.2	6.0	6.9	6.9	7.8	9.5	-	-	-
	L	max	-	31.0	31.0	38.0	35.5	46.0	43.5	52.5	81.0	-	-	-
		min	-	28.5	28.5	36.0	33.0	43.0	40.0	48.0	75.0	-	-	-
	T	max	-	7.1	9.9	12.5	16.3	21.5	30.2	34.7	43.6	-	-	-
		min	-	5.6	8.4	11.0	14.8	19.9	28.7	33.2	42.1	-	-	-
SOCKET tasca	B	max	10.9	14.3	17.8	22.0	27.3	34.1	42.8	48.9	61.4	74.2	90.2	115.8
		min	10.7	14.1	17.5	21.7	27.0	33.8	42.5	48.6	61.1	73.8	89.8	115.4
	J	min	9.7	9.7	9.7	9.7	12.7	12.7	12.7	12.7	15.7	15.7	15.7	19.0



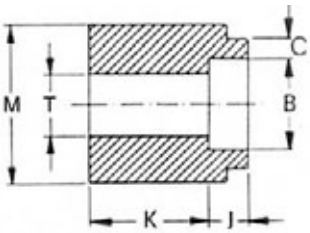
REDUCER INSERT TYPE 1
inserti di riduzione tipo 1

STANDARD DIMENSIONS



REDUCER INSERT TYPE 2
inserti di riduzione tipo 2

STANDARD DIMENSIONS



REDUCER INSERT TYPE 3
inserti di riduzione tipo 3

STANDARD DIMENSIONS

RATING/serie 3000 lb

inch		NOMINAL PIPE SIZE ∅ nominale																				
		1/2			3/4			1			1 ¼			1 ½			2			2 ½		
		type			type			type			type			type			type			type		
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
K	1/4		15.7				15.7			23.9												
	3/8	23.9				15.7				23.9			24.6									
	1/2				26.9				23.9				24.6			26.2			29.5			32.5
	3/4							28.4				22.1				22.1			25.4			29.5
	1										31.7				33.3				25.4			29.5
	1 ¼													33.3				25.4				29.5
	1 ½																38.1					27.5
	2																			41.4		
M			21.6			26.9			33.6			42.4			48.5			60.9			73.6	
C	ave		4.7			4.9			5.7			6.1			6.4			6.9				
	min		4.1			4.3			5.0			5.3			5.5			6.0				
T	max		16.6			21.7			27.4			35.8			41.6			53.3				
	min		15.0			20.2			25.9			34.3			40.1			51.7				

RATING/serie 6000 lb

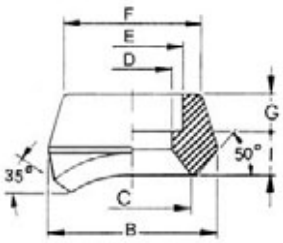
inch		NOMINAL PIPE SIZE ∅ nominale																				
		1/2			3/4			1			1 ¼			1 ½			2			2 ½		
		type			type			type			type			type			type			type		
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
K	1/4	30.2					25.4			28.4												
	3/8	30.2				25.4				28.4			32.5									
	1/2				33.3			40.1				32.0				39.0			38.9			46.5
	3/4							42.				29.0			35.1				36.1			43.9
	1										43.2			49.0					36.1			43.9
	1 ¼													51.0				36.1				42.2
	1 ½																46.0				47.5	
	2																			54.1		
M			21.6			26.9			33.6			42.4			48.5			60.9			73.6	
C	ave		6.0			7.0			7.9			7.9			8.9			10.6				
	min		5.2			6.0			6.9			6.9			7.8			9.5				
T	max		12.5			16.3			21.5			30.2			34.7			43.6				
	min		11.0																			

SOCKET/tasca

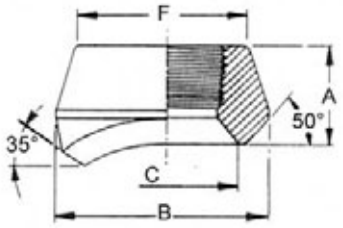
B	min		22.0			27.3			34.1			42.8			48.9			61.4				
	max		21.7			27.0			33.8			42.5			48.6			61.1				
J	min		9.7			12.7			12.7			12.7			12.7			15.7				

		3000 lb		6000 lb	
		1/4	3/8	1/4	3/8
C	ave	3.8	4.0	4.6	5.0
	min	3.3	3.5	4.0	4.4
T	max	10.0	13.3	7.1	9.9
	min	8.5	11.8	5.6	8.4
B	max	14.3	17.8	14.3	17.8
	min	14.1	17.5	14.1	17.5
J	min	9.7	9.7	9.7	9.7

THREADED AND SOCKET WELDING FITTINGS
raccordi filettati e a tasca da saldare



SOCKET BRANCH
derivazioni a tasca

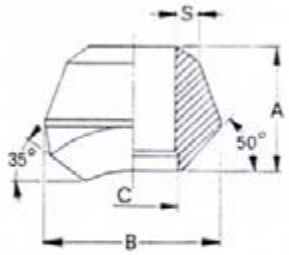


THREADED BRANCH
derivazioni filettate

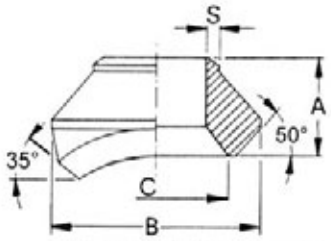
STANDARD DIMENSIONS

RATING serie	inch	NOMINAL PIPE SIZE Ø NOMINALE											
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3000 lb	A	17.5	17.5	20.6	25.4	27.0	33.3	33.3	34.9	38.1	46.0	50.8	57.1
	B	25.4	25.4	31.8	34.9	44.5	54.0	65.1	73.0	88.9	103.2	122.2	152.4
	C	15.9	15.9	19.0	23.8	30.2	36.5	44.5	50.8	65.1	76.2	93.7	120.6
	D	6.8	9.2	12.5	15.8	20.9	26.6	35.0	40.9	52.5	62.7	77.9	102.3
	E	10.7	14.1	17.5	21.7	27.0	33.8	42.6	48.6	61.1	73.8	89.8	115.4
	F	22.2	22.2	25.4	31.7	36.5	46.0	55.6	61.9	74.6	87.3	104.8	130.2
	G	9.5	9.5	9.5	11.1	12.7	13.5	15.1	15.1	17.5	23.8	28.6	29.4
	I	8.0	8.0	11.1	14.3	14.3	19.8	18.2	19.8	20.6	22.2	22.2	27.7
6000 lb	A	-	-	-	31.7	36.5	39.7	41.3	42.8	58.7	-	-	-
	B	-	-	-	44.5	50.8	61.9	69.9	82.6	103.2	-	-	-
	C	-	-	-	19.0	25.4	33.3	38.1	49.2	58.7	-	-	-
	D	-	-	-	14.3	19.0	25.4	33.3	38.1	42.9	-	-	-
	E	-	-	-	21.7	27.0	33.8	42.6	48.6	61.1	-	-	-
	F	-	-	-	36.7	45.2	57.1	65.1	76.2	92.1	-	-	-
	G	-	-	-	9.5	14.3	15.9	20.6	20.6	22.2	-	-	-
	I	-	-	-	22.2	22.2	23.8	20.6	22.2	36.5	-	-	-

REINFORCED BUTT-WELDING OUTLETS
derivazioni rinforzate a saldare in testa



WELD BRANCHE 160-XXS
derivazioni BW 160-XXS



WELD BRANCHE STD-XS
derivazioni BW STD-XS

STANDARD DIMENSIONS

TYPE/ SCHEDULE tipo/ schedula	inch	NOMINAL PIPE SIZE Ø NOMINALE											
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
STANDARD WEIGHT AND EXTRA STRONG	A	14.3	14.3	19.0	19.0	22.2	27.0	31.7	33.3	38.1	41.3	44.4	50.8
	B	25.4	25.4	31.7	34.9	44.5	54.0	65.1	73.0	88.9	103.2	122.2	152.4
	C	15.9	15.9	19.0	23.8	30.2	36.5	44.5	50.8	65.1	76.2	93.7	120.6
SCHEDULE 160 AND DOUBLE EXTRA STRONG	A	-	-	-	28.6	31.7	38.1	44.5	50.8	55.6	61.9	73.0	84.1
	B	-	-	-	34.9	44.5	50.8	61.9	69.9	81.0	96.8	120.6	152.4
	C	-	-	-	14.3	19.0	25.4	33.3	38.1	42.9	54.0	73.0	98.4

WEIGHTS TABLE (unit in grammes) - tabella pesi (espressi in Kg)
THREADED FITTINGS – raccordi filettati

TYPE /RATING tipo/serie	inch	1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
90° ELBOW gomiti 90°	**2000**	-	0,095	0,130	0,245	0,295	0,500	0,790	0,935	1,725	2,430	4,445	11,000
	3000	0,095	0,160	0,280	0,385	0,685	1,020	1,200	2,495	2,785	5,145	7,800	14,100
	6000	0,180	0,315	0,420	0,720	1,280	1,605	2,770	3,780	6,100	9,440	17,000	14,100
45° ELBOW gomiti 45°	**2000**	-	0,090	0,110	0,205	0,250	0,400	0,650	0,750	1,280	2,750	3,360	9,200
	3000	0,095	0,125	0,250	0,320	0,515	0,935	0,980	1,880	2,310	3,695	5,950	10,000
	6000	0,145	0,270	0,350	0,575	1,035	1,280	2,150	2,970	4,200	7,750	14,100	10,000
TEE ti	**2000**	-	0,120	0,170	0,305	0,400	0,645	0,980	1,430	1,970	3,000	5,700	12,400
	3000	0,155	0,215	0,370	0,545	0,835	1,370	1,720	3,120	3,410	5,935	9,500	17,500
	6000	0,250	0,430	0,620	0,975	1,590	2,200	3,350	4,675	8,000	13,000	19,200	17,500
REDUCING TEE tee ridotti	**3000**	-	0,210	0,370	0,560	0,935	1,550	1,890	3,380	4,100	7,400	12,000	21,300
	6000	-	0,300	0,550	0,800	1,400	2,300	2,800	4,950	6,900	11,500	17,800	32,000
CROSS croci	**2000**	-	0,180	0,160	0,330	0,430	0,740	1,150	1,450	2,350	4,650	7,220	15,800
	3000	0,240	0,270	0,410	0,595	0,975	1,635	2,000	3,650	4,950	9,500	12,350	22,200
	6000	0,280	0,480	0,710	1,155	1,800	2,500	4,050	5,150	11,200	14,000	24,750	22,200
STREET ELBOW gomiti M/F	**3000**	-	0,140	0,220	0,325	0,550	0,910	1,230	1,930	2,200	-	-	-
COUPLING manicotti	**2/3000**	0,040	0,050	0,070	0,140	0,190	0,430	0,690	0,985	1,1405	2,385	2,905	5,510
	6000	0,075	0,105	0,180	0,300	0,460	0,885	1,400	1,915	2,860	3,900	5,200	9,250
REDUCING COUPLING manicotti ridotti	**2/3000**	-	0,070	0,080	0,170	0,220	0,475	0,880	1,380	2,045	2,970	4,580	8,250
	6000	-	0,120	0,185	0,345	0,480	1,000	1,620	2,140	3,200	4,400	5,700	10,100
HALF COUPLING mezzi manicotti	**2/3000**	0,015	0,025	0,035	0,070	0,100	0,220	0,385	0,570	0,700	1,240	1,525	3,870
	6000	0,025	0,050	0,090	0,165	0,230	0,480	0,680	0,980	1,425	2,000	2,700	4,800
CAP tappi femmina	**2/3000**	0,025	0,045	0,060	0,115	0,175	0,380	0,610	0,845	1,165	1,905	2,775	4,960
	6000	0,045	0,095	0,145	0,240	0,385	0,755	0,920	1,365	2,140	2,900	4,100	7,500
UNION bocchettoni	**2/3000**	0,175	0,160	0,240	0,335	0,520	0,760	1,125	1,565	2,365	5,010	7,500	15,500
	6000	-	0,370	0,400	0,870	1,575	2,100	1,900	3,085	6,500	-	-	-
HEX H. PLUG testa tappi esag.	**3/6000**	0,015	0,030	0,045	0,075	0,130	0,230	0,450	0,585	0,980	1,800	2,540	5,095
HEX NIPPLE nippli esagonali	**3000**	0,015	0,030	0,045	0,075	0,105	0,205	0,325	0,400	0,640	1,020	1,650	2,755
	6000	0,020	0,040	0,,055	0,090	0,165	0,300	0,460	0,655	1,020	1,700	2,100	4,645
REDUCING HEX NIPPLE nippli esagonali ridotti	**3000**	-	0,030	0,050	0,060	0,110	0,225	0,320	0,415	0,635	1,270	2,060	3,440
	6000	-	0,035	0,055	0,095	0,140	0,305	0,420	0,635	0,910	1,680	2,750	4,500
HEX H. BUSHING riduzioni esag. ridotti	**3/6000**	-	0,015	0,020	0,040	0,050	0,115	0,310	0,375	0,780	0,940	1,730	4,300
PIPE NIPPLE L=100 nippli tubo L=100	**STD**	0,030	0,060	0,080	0,120	0,140	0,230	0,330	0,465	0,520	0,840	1,210	1,350
	XS	0,040	0,075	0,105	0,150	0,200	0,260	0,365	0,490	0,665	1,010	1,225	2,000
	160	-	-	-	0,180	0,270	0,350	0,540	0,660	1,070	1,400	2,050	3,335
	XXS	-	-	-	0,240	0,345	0,500	0,770	0,885	1,285	1,900	2,600	4,000
	MM	**6**	**8**	**10**	**15**	**20**	**25**	**32**	**40**	**50**	**65**	**80**	**100**

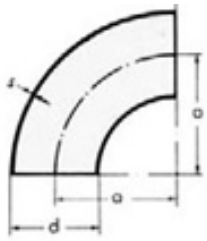
WEIGHTS TABLE (unit in grammes) - tabella pesi (espressi in Kg)
SOCKETS-WELDINGS FITTINGS – raccordi a tasca da saldare

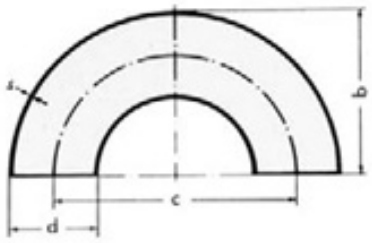
TYPE /RATING tipo/serie	inch	1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
90° ELBOW gomiti 90°	**3000**	0,100	0,095	0,130	0,245	0,320	0,470	0,765	0,980	1,640	2,935	4,525	11,500
	6000	0,100	0,160	0,290	0,415	0,680	1,150	1,380	2,680	3,215	5,850	8,400	15,500
45° ELBOW gomiti 45°	**3000**	0,090	0,085	0,100	0,195	0,255	0,395	0,650	0,800	1,190	2,100	3,400	9,150
	6000	0,095	0,120	0,230	0,335	0,540	1,000	1,120	2,070	2,705	3,750	6,300	10,500
TEE ti	**3000**	0,135	0,115	0,180	0,315	0,415	0,620	0,975	1,350	1,965	2,785	5,550	12,400
	6000	0,140	0,235	0,390	0,590	0,880	1,520	1,750	3,480	3,900	7,250	11,000	18,700
REDUCING TEE tI ridotti	**3000**	-	0,150	0,200	0,355	0,460	0,740	1,115	1,600	2,570	3,400	6,750	15,100
	6000	-	0,235	0,400	0,600	0,880	1,590	1,820	3,820	4,220	8,100	12,350	20,900
CROSS croci	**3000**	0,150	0,140	0,180	0,340	0,450	0,750	1,200	1,720	2,450	3,600	7,400	16,500
	6000	0,186	0,310	0,490	0,760	1,100	2,000	2,225	4,480	5,200	9,500	14,600	24,500
COUPLING manicotti	**2/3000**	0,040	0,055	0,070	0,125	0,185	0,275	0,385	0,460	0,925	1,325	1,550	3,000
	6000	0,150	0,075	0,100	0,170	0,245	0,420	0,490	0,710	1,405	1,900	2,250	4,200
REDUCING COUPLING manicotti ridotti	**2/3000**	-	0,060	0,085	0,170	0,210	0,395	0,490	0,635	1,235	1,600	2,150	3,900
	6000	-	0,090	0,120	0,200	0,280	0,485	0,650	0,900	1,645	2,500	3,000	5,800
HALF COUPLING mezzi manicotti	**2/3000**	0,050	0,060	0,085	0,145	0,205	0,325	0,460	0,575	1,040	1,605	2,125	3,850
	6000	0,060	0,085	0,150	0,210	0,300	0,485	0,620	0,815	1,635	2,200	2,650	5,000
CAP tappi femmina	**2/3000**	0,030	0,035	0,075	0,105	0,165	0,245	0,380	0,720	0,955	1,350	2,115	3,300
	6000	0,040	0,075	0,110	0,150	0,250	0,400	0,565	0920	1,320	2,000	3,250	4,800
UNION bocchettoni	**2/3000**	0,190	0,180	0,230	0,345	0,520	0,750	1,225	1,620	2,420	4,650	7,500	13,900
	6000	-	0,385	0,420	0,900	1,650	2,160	2,050	3,200	6,750	-	-	-
CONCENTRIC AND ECCENTRIC SWAGE NIPPLE nippli tubo ridotti concentrici ed eccentrici	**STD**	-	0,042	0,063	0,090	0,120	0,215	0,330	0,450	0,910	1,320	2,300	3,100
	XS	-	0,050	0,075	0,105	0,170	0,280	0,410	0,610	1,075	1,710	2,825	4,250
	160	-	-	-	0,115	0,180	0,315	0,530	0,755	1,655	2,250	4,000	5,850
	XXS	-	-	-	0,140	0,245	0,400	0,790	0,975	1,970	3,000	5350	7,700
REDUCER INSERT inserti ridotti	**3000**	-	0,040	0,055	0,060	0,90	0,170	0,240	0,360	0,725	-	-	-
	6000	-	0,060	0,080	0,090	0,140	0,260	0,370	0,540	1,050	-	-	-
90° BRANCHES SW & THR. END derivazioni 90°	**3000**	-	0,075	0,115	0,130	0,195	0,370	0,500	0,750	1,075	1,640	2,720	4,020
	6000	-	0,160	0,180	0,285	0,405	0,670	0,950	1,130	3,100	-	-	-
90° BRANCHES BW END derivazioni 90° a saldare di testa	**STD**	-	0,075	0,060	0,090	0,120	0,265	0,390	0,500	0,900	1,120	1,800	3,550
	XS	-	0,050	0,070	0,100	0,140	0,290	0,420	0,560	0,990	1,220	2,000	3,800
	160	-	-	-	0,130	0,160	0,330	0,600	0,800	1,200	1,650	2,870	4,700
	XXS	-	-	-	0,150	0,185	0,365	0,670	0,880	1,330	1,770	3,150	5,200
	MM	**6**	**8**	**10**	**15**	**20**	**25**	**32**	**40**	**50**	**65**	**70**	**100**

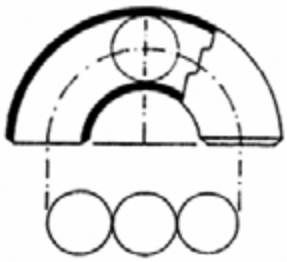
Curve da saldare ricavate da tubi senza saldatura secondo norme ISO TC5

DIMA 3 D

DN	Diametro est. "d"	Spessore "s"	Raggio "a"		Altezza "b"	Interasse "c"		peso curva 90° ca. kg
	17	2	20	± 2,5	28,5	40	± 8	0,02
15	21,3	2	27,5		38	55		0,04
	*25	2	27,5		40	55		0,05
20	26,9	2,3	28,5		42	57		0,07
	*30	2,6	33,5		48	67		0,09
	*31,8	2,6	35		51	70		0,11
25	33,7	2,6	38		55	76		0,12
	*35	2,6	45		63	90		0,16
	*38	2,6	45		64	90		0,16
32	42,4	2,6	47,5		69	95		0,19
	*44,5	2,6	51		73	102		0,22
40	48,3	2,6	57	± 3	81	114	± 10	0,27
	*51	2,6	63,5		88	127		0,31
	*54	2,6	72		99	144		0,42
	*57	2,9	72		100	144		0,44
50	60,3	2,9	76		106	152		0,49
	*63,5	2,9	82,5		114	165		0,57
	*70	2,9	92		127	184		0,70
65	76,1	2,9	95		133	190		0,79
	*82,5	3,2	107,5		149	215		1,07
80	88,9	3,2	114,5		159	229		1,22
	*101,6	3,6	133,5		184	267		1,83
100	*108	3,6	142,5		196	285		2,08
	114,3	3,6	152,5		210	305		2,37
	*133	4	181		247	362		3,64
125	139,7	4	190,5	± 4	260	381	± 14	4,04
	*159	4,5	216		294	432		5,80
150	168,3	4,5	228,5		313	457		6,50
	*193,7	5,4	270		367	540		10,6
200	219,1	5,9	305		415	610		14,9
	*244,5	6,3	340		462	680		19,8
	*267	6,3	378		511	756		24,1
250	273	6,3	381	± 5	517	762	± 16	24,9
300	323,9	7,1	457		619	914		40
350	355,6	8	533,5	± 10	711	1067	± 20	57,2
	*368	8	533,5		717	1067		59,2
400	406,4	8,8	609,5		813	1219		82,2
	*419	10	609,5		819	1219		96,9
450	457,2	10	686	± 15	914	1372	± 30	119
500	508	11	762	± 35	1008	1495	± 70	162
600	609,6	12,5	914	± 50	1219	1828	± 100	271



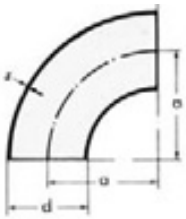


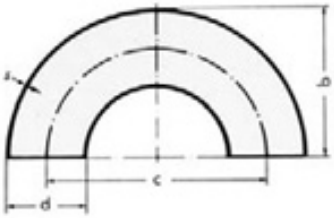


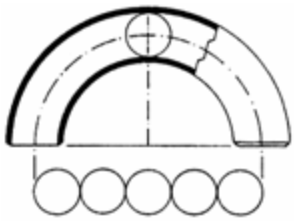
*** DIAMETRI NON UTILIZZATI NELLE NUOVE COSTRUZIONI**

DIMA 5 D

DN	Diametro est. "d"	Spessore "s"	Raggio "a"		Atezza "b"	Interasse "c"		Peso curva 90° ca. kg
15	21,3	2	42,5	± 2,5	53	85	± 8	0,07
	*25	2	52,5		65	105		0,10
20	26,9	2,3	57,5		71	115		0,13
	*30	2,6	62,5		77	125		0,175
	*31,8	2,6	67,5		83	135		0,20
25	33,7	2,6	72,5		89	145		0,25
	*38	2,6	82,5		101	165		0,30
32	42,4	2,6	92,5		114	185		0,40
	*44,5	2,6	97,5		120	195		0,42
40	48,3	2,6	107,5		132	215		0,50
	*51	2,6	115		140	230		0,57
	*54	2,6	122,5		149	245		0,63
	*57	2,9	127,5		156	255		0,82
50	60,3	2,9	135		165	270		0,88
	*63,5	2,9	142,5		174	285		0,98
	*70	2,9	160		195	320		1,22
65	76,1	2,9	175		213	350		1,45
80	88,9	3,2	205		249	410		2,23
	*101,6	3,6	237,5		288	475		3,15
	*108	3,6	252,5	± 5	306	505	± 12	3,67
100	114,3	3,6	270		327	540		4,00
	*133	4	312,5		379	625		6,30
125	139,7	4	330		400	660		7,20
	*159	4,5	375		454	750		10,2
150	168,3	4,5	390	± 10	474	780	± 20	11,2
	*193,7	5,4	455	± 12,5	552	910	± 25	18,2
200	219,1	5,9	510		619	1020		24,9
	*244,5	6,3	580		702	1160		33,5
250	273	6,3	650	± 15	786	1300	± 30	41,5
300	323,9	7,1	775	± 17,5	937	1550	± 35	67,5
350	355,6	8	850	± 20	1028	1700	± 40	94,5
	*368	8	880		1064	1760		98,0
400	406,4	8,8	970	± 25	1173	1940	± 50	131
	*419	10	1000		1209	2000		160







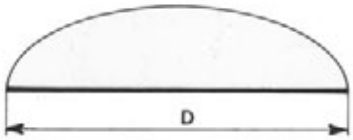
*** DIAMETRI NON UTILIZZATI NELLE NUOVE COSTRUZIONI**

Pagina variata 04-2002

Fondi stampati a saldare

Diametro estemo - DE		spessore in mm
In pollici	in mm	
1"	33,7	3
1 1/4"	42,4	3
1 1/2"	48,3	3
	57	3
2"	60,3	3
2 1/2"	76,1	3
3"	88,9	3
3"	88,9	4
3 1/2"	101,6	3
3 1/2"	101,6	4
	108	3
	108	4
4"	114,3	3
4"	114,3	4
4"	114,3	5
	133	3
	133	4
	133	5
5"	139,7	3
5"	139,7	4
5"	139,7	5
	159	3
	159	4
	159	5
	159	6
6"	168,3	3
6"	168,3	4
6"	168,3	5
6"	168,3	6

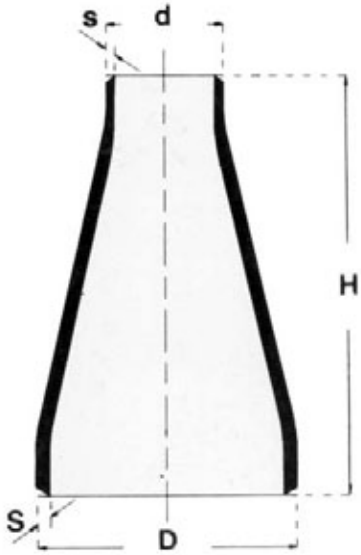
Diametro estemo – DE		Spessore in mm
in pollici	in mm	
	193,7	3
	193,7	4
	193,7	5
	193,7	6
8"	219,1	3
8"	219,1	4
8"	219,1	5
8"	219,1	6
	244,5	3
	244,5	4
	244,5	5
	244,5	6
10"	273	3
10"	273	4
10"	273	5
10"	273	6
12"	323,9	3
	323,9	4
	323,9	5
	323,9	6
	355,6	3
	355,6	4
	355,6	5
	355,6	6
	368	3
	368	4
	368	5
	368	6



Riduzioni concentriche ISO a saldare di testa

Ø GRANDE		Ø PICCOLO		ALTEZZA
ESTERNO D mm	SPESSORE S mm	esterno d mm	spessore s mm	H mm
26,9	2	17,2	1,8	46
		21,3	2	40
33,7	2,3	17,2	1,8	46
		21,3	2	37
		26,9	2	35
42,4	2,6	21,3	2	56
		26,9	2	51
		33,7	2,3	39
48,3	2,6	26,9	2	65
		33,7	2,3	50
		42,4	2,6	38
60,3	2,9	26,9	2	98
		33,7	2,3	81
		42,4	2,6	61
		48,3	2,6	50
70	2,9	33,7	2,3	104
		42,4	2,6	88
		48,3	2,6	73
		60,3	2,9	51
76,1	2,9	33,7	2,3	120
		42,4	2,6	98
		48,3	2,6	85
		60,3	2,9	63
88,9	3,2	42,4	2,6	120
		48,3	2,6	108
		60,3	2,9	86
		70	2,9	68
		76,1	2,6	56
101,6	3,6	48,3	2,6	142
		60,3	2,9	118
		70	2,9	92
		76,1	2,9	78
		88,9	3,2	56
108	3,6	48,3	2,6	149
		60,3	2,9	122
		70	2,9	103
		76,1	2,9	88
		88,9	3,2	68
114,3	3,6	48,3	2,6	157
		60,3	2,9	142
		70	2,9	122
		76,1	2,9	106
		88,9	3,2	90
		101,6	3,6	66
133	4	60,3	2,9	195
		70	2,9	158
		76,1	2,9	152
		88,9	3,2	123
		101,6	3,6	96
		108	3,6	80
		114,3	3,6	75
139,7	4	60,3	2,9	200
		70	2,9	182
		76,1	2,9	160
		88,9	3,2	132
		101,6	3,6	102
		108	3,6	90
		114,3	3,6	85
		133	4	60

Ø GRANDE		Ø PICCOLO		ALTEZZA
ESTERNO D mm	SPESSORE S mm	esterno d mm	spessore s mm.	H mm.
159	4,5	76,1	2,9	200
		88,9	3,2	180
		101,6	3,6	152
		108	3,6	140
		114,3	3,6	140
		133	4	84
		139,7	4	60
168,3	4,5	76,1	2,9	217
		88,9	3,2	190
		101,6	3,6	165
		108	3,6	152
		114,3	3,6	136
		133	4	100
		139,7	4	88
		159	4,5	60
193,7	5,4	108	3,6	226
		114,3	3,6	205
		133	4	162
		139,7	4	142
		159	4,5	104
		168,3	4,5	85
219,1	5,9	108	3,6	245
		114,3	3,6	225
		133	4	186
		139,7	4	180
		159	4,5	135
		168,3	4,5	125
		193,7	5,4	75
244,5	6,3	139,7	4	240
		159	4,5	186
		168,3	4,5	168
		193,7	5,4	120
		219,1	5,9	90
273	6,3	139,7	4	280
		159	4,5	238
		168,3	4,5	222
		193,7	5,4	175
		219,1	5,9	125
		244,5	6,3	100
323,9	7,1	219,1	5,9	260
		244,5	6,3	190
		273	6,3	135
355,6	8	219,1	5,9	310
		244,5	6,3	260
		273	6,3	200
		323,9	7,1	145
368	8	219,1	5,9	340
		244,5	6,3	290
		273	6,3	230
		323,9	7,1	150
406,4	8,8	273	6,3	330
		323,9	7,1	205
		355,6	8	160
		368	8	130
419	8,8	273	6,3	360
		323,9	7,1	235
		355,6	8	190
		368	8	150

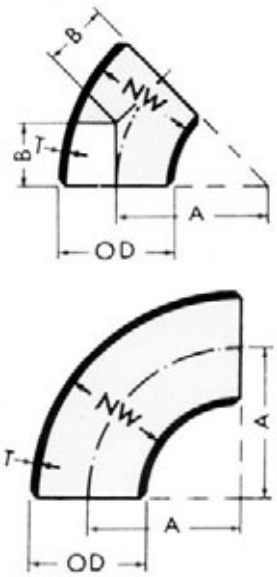


Altezza non impegnativa: interpellateci per conferma.

Curve da saldare serie americana standard secondo ANSI B 16.9 ASTM A 234

45° and 90° long radius - standard wall

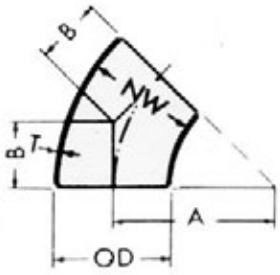
NW Ø	OD mm	T mm	NºSCH	90° A mm	45° B mm	NWØ	OD mm	T mm	N°SCH	90° A mm	45° B mm
3/4	26,7	2,87	40	28,6	14,3	6	168,3	7,11	40	228,6	95,2
1	33,4	3,38	40	38,1	22,2	8	219,1	8,18	40	304,8	127
1 1/4	42,2	3,56	40	47,6	25A	10	273	9,27	40	381	158,8
1 1/2	48,3	3,68	40	57,2	28,6	12	323,9	9,52	Std	457,2	190,5
2	60,3	3,91	40	76,2	34,9	14	355,6	9,52	30	533,4	222,2
2 1/2	73	5,16	40	95,2	44,4	16	406,4	9,52	30	609,6	254
3	88,9	5,49	40	114,3	50,8	18	457,2	9,52	Std	685,8	285,8
3 1/2	101,6	5,74	40	133,4	57,2	20	508	9,52	20	762	317,5
4	114,3	6,02	40	152,4	63,5	24	609,6	9,52	20	914,4	381
5	141,3	6,55	40	190,5	79,4						

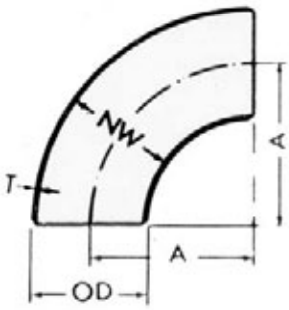


Curve da saldare serie americana extra strong secondo ANSI B 16.9 ASTM A 234

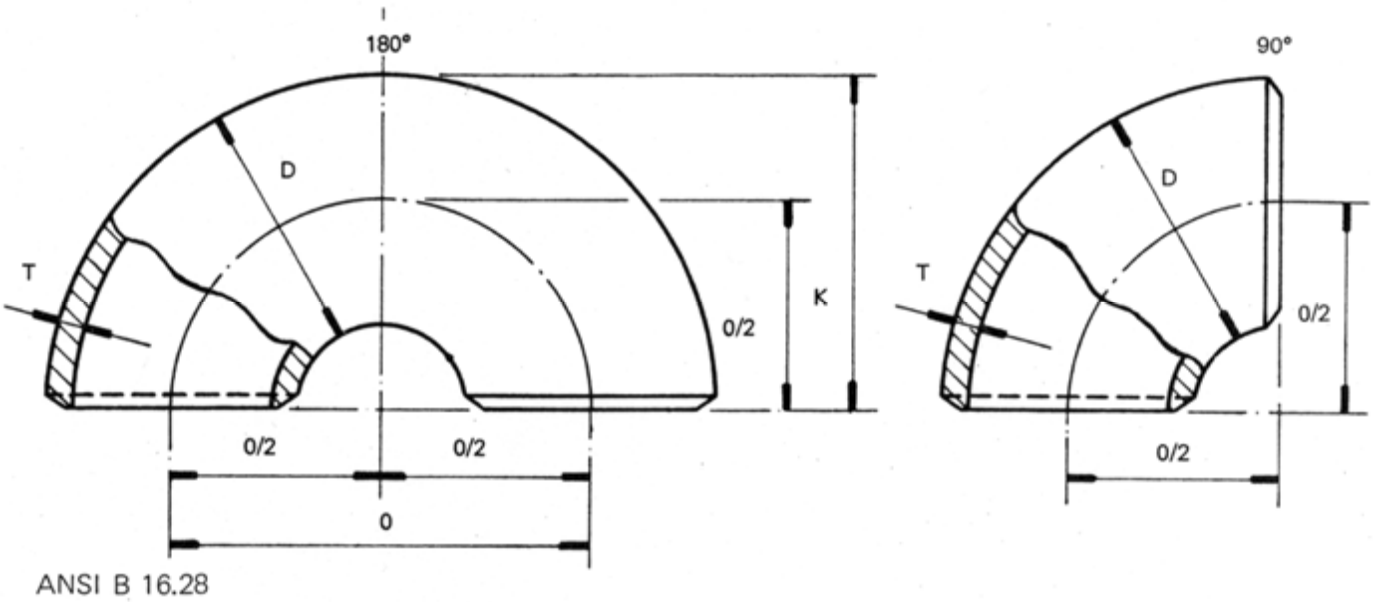
45° and 90° long radius - extra-strong

NW Ø	OD mm	T mm	NºSCH	90° A mm	45° B mm	NWØ	OD mm	T mm	N°SCH	90° A mm	45° B mm
1	33,4	4,55	80	38,1	22,2	6	168,3	10,97	80	228,6	95,2
1 1/4	42,2	4,85	80	47,6	25,4	8	219,1	12,7	80	304,8	127
1 1/2	48,3	5,08	80	57,2	28,6	10	273	12,7	60	381	158,8
2	60,3	5,54	80	76,2	34,9	12	323,9	12,7	XS	457,2	190,5
2 1/2	73	7,01	80	95,2	44,4	14	355,6	12,7	XS	533,4	222,2
3	88,9	7,62	80	114,3	50,8	16	406,4	12,7	40	609,6	254
3 1/2	101,6	8,08	80	133,4	57,2	18	457,2	12,7	XS	685,8	285,8
4	114,3	8,56	80	152,4	63,5	20	508	12,7	30	762	317,5
5	141,3	9,52	80	190,5	79,4	24	609,6	12,7	XS	914,4	381,0





CURVE SHORT RADIUS (0 = 2DN) spessore standard



ANSI B 16.28

DN	D	T.	O	K	0/2	Peso Kg	
	mm	mm	mm	mm	mm	180°	90°
1	33,4	3,38	50,8	41,3	25,4	0,209	0,104
1 ¼	42,2	3,56	63,5	52,4	31,8	0,350	0,180
1 ½	48,3	3,68	76,2	61,9	38,1	0,600	0,300
2	63,0	3,91	101,6	81,0	50,8	1,00	0,600
2 ½	73,0	5,16	127,0	100,0	63,5	1,90	0,950
3	88,9	5,49	152,4	126,0	76,2	2,70	1,35
3 ½	101,6	5,74	177,8	139,7	88,9	3,90	1,95
4	114,3	6,02	203,2	158,8	101,6	5,40	2,70
5	141,3	6,55	254,0	196,8	127,0	9,40	4,70
6	168,3	7,11	304,8	236,5	152,4	14,6	7,30
8	219,1	8,18	406,4	312,7	203,2	30,0	15,0
10	273,0	9,27	508,0	395,0	254,0	52,0	26,0
12	323,8	9,52	609,6	466,7	304,8	76,0	30,0
14	355,6	952,0	711,2	533,4	355,6	95,3	47,6
16	406,4	952,0	812,8	609,6	406,4	125,0	62,6
18	457,2	952,0	914,4	685,8	457,2	159,0	79,1
20	508,0	952,0	1016,0	762,0	508,0	195,0	97,5
22	558,8	952,0	1117,6	838,2	558,8	238,0	119
24	609,6	952,0	1219,2	914,4	609,6	270,0	135,0

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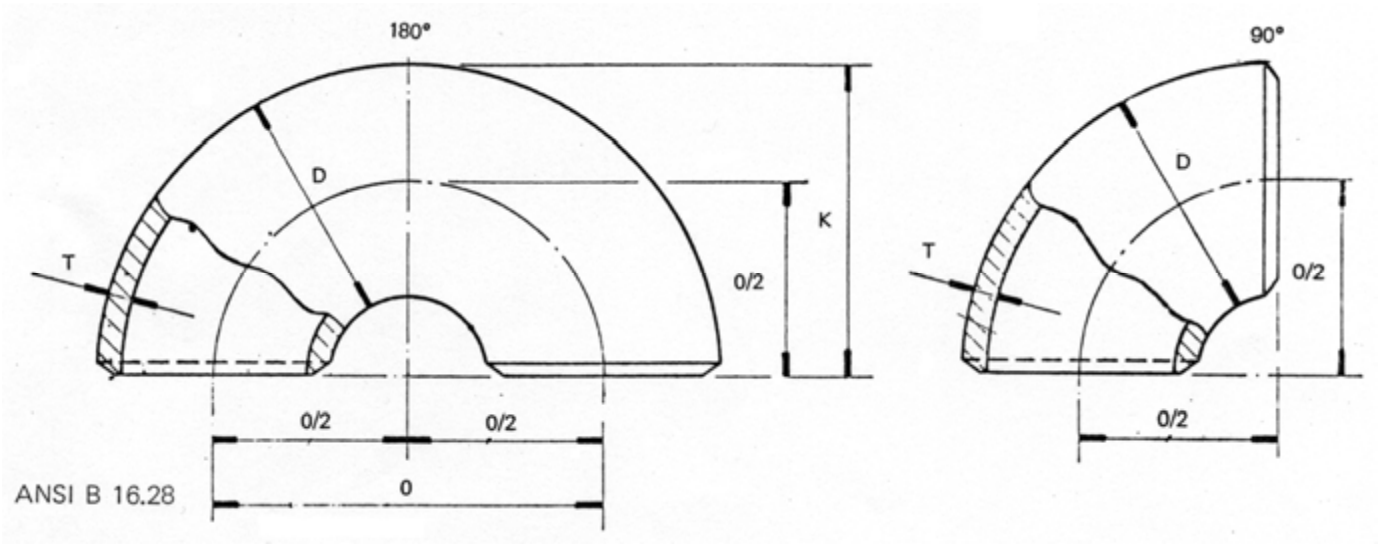
CURVE SHORT RADIUS (0 = 2DN) spessore extra strong



DN	D	T.	O	K	0/2	Peso Kg	
	mm	mm	mm	mm	mm	180°	90°
1 ½	48,3	5,08	76,2	61,9	38,1	0,700	0,350
2	63,0	5,54	101,6	81,0	50,8	1,30	0,650
2 ½	73,0	7,01	127,0	100,0	63,5	2,60	1,30
3	88,9	7,62	152,4	120,6	76,2	3,80	1,90
3 ½	101,6	8,08	177,8	139,7	88,9	5,40	2,70
4	114,3	8,56	203,2	158,8	101,6	7,20	3,60
5	141,3	9,52	254,0	196,8	127,0	14,6	7,30
6	168,3	10,97	304,8	236,5	152,4	22,0	11,0
8	219,1	12,70	406,4	312,7	203,2	45,0	22,5
10	273,0	12,70	609,6	390,5	254,0	68,0	34,1
12	323,8	12,70	809,8	466,7	314,8	90,0	49,0
14	355,6	12,70	711,2	533,4	355,6	126,0	63,0
16	406,4	12,70	812,8	609,6	406,4	165,0	82,6
18	457,2	12,70	914,4	685,8	457,2	210,0	105,0
20	508,0	12,70	1016,0	762,0	508,0	259,0	130,0
22	558,8	12,70	1117,6	838,2	558,8	316,0	158,0
24	609,6	12,70	1219,0	914,4	609,6	356,0	178,0

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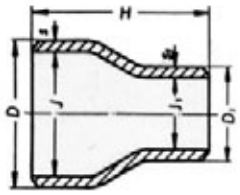
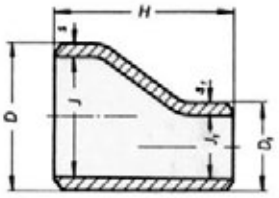
Riduzioni concentriche ed eccentriche standard

ASA B 16,9
ASTM A 234

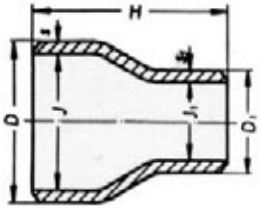
D.N. Ø nominale	D	J	s	D1	J1	S1	H
3/4" x 3/8"	26,7	20,8	2,95	17,1	12,5	2,30	38,1
3/4" x 1/2"	26,7	20,8	2,95	21,3	15,7	2,80	38,1
1" x 3/8"	33,5	26,7	3,40	17,1	12,5	2,30	50,8
1" x 1/2"	33,5	26,7	3,40	21,3	15,7	2,80	50,8
1" x 3/4"	33,5	26,7	3,40	26,7	20,8	2,95	50,8
1 1/4" x 1/2"	42,2	35,1	3,55	21,3	15,7	2,80	50,8
1 1/4" x 3/4"	42,2	35,1	3,55	26,7	20,8	2,95	50,8
1 1/4" x 1"	42,2	35,1	3,55	33,5	26,7	3,40	50,8
1 1/2" x 1/2"	48,3	40,9	3,70	21,3	15,7	2,80	63,5
1 1/2" x 3/4"	48,3	40,9	3,70	26,7	20,8	2,95	63,5
1 1/2" x 1"	48,3	40,9	3,70	33,5	26,7	3,40	63,5
1 1/2" x 1 1/4"	48,3	40,9	3,70	42,2	35,1	3,55	63,5
2" x 3/4"	60,4	52,6	3,90	26,7	20,8	2,95	76,2
2" x 1"	60,4	52,6	3,90	33,5	26,7	3,40	76,2
2" x 1 1/4"	60,4	52,6	3,90	42,2	35,1	3,55	76,2
2" x 1 1/2"	60,4	52,6	3,90	48,3	40,9	3,70	76,2
2 1/2" x 1"	73,1	62,7	5,20	33,5	26,7	3,40	88,9
2 1/2" x 1 1/4"	73,1	62,7	5,20	42,2	35,1	3,55	88,9
2 1/2" x 1 1/2"	73,1	62,7	5,20	48,3	40,9	3,70	88,9
2 1/2" x 2"	73,1	62,7	5,20	60,4	52,6	3,90	88,9
3" x 1 1/4"	88,9	78,0	5,45	42,2	35,1	3,55	88,9
3" x 1 1/2"	88,9	78,0	5,45	48,3	40,9	3,70	88,9
3" x 2"	88,9	78,0	5,45	60,4	52,6	3,90	88,9
3" x 2 1/2"	88,9	78,0	5,45	73,1	62,7	5,20	88,9
3 1/2" x 1 1/4"	101,6	90,2	5,70	42,2	35,1	3,55	101,6
3 1/2" x 1 1/2"	101,6	90,2	5,70	48,3	40,9	3,70	101,6
3 1/2" x 2"	101,6	90,2	5,70	60,4	52,6	3,90	101,6
3 1/2" x 2 1/2"	101,6	90,2	5,70	73,1	62,7	5,20	101,6
3 1/2" x 3"	101,6	90,2	5,70	88,9	78,0	5,45	101,6
4" x 1 1/2"	114,3	102,4	5,95	48,3	40,4	3,70	101,6
4" x 2"	114,3	102,4	5,95	60,4	52,6	3,90	101,6
4" x 2 1/2"	114,3	102,4	5,95	73,1	62,7	5,20	101,6
4" x 3"	114,3	102,4	5,95	88,9	78	5,45	101,6
4" x 3 1/2"	114,3	102,4	5,95	101,6	90,2	5,70	101,6
5" x 2"	141,2	128,3	6,45	60,4	52,6	3,90	127,0
5" x 2 1/2"	141,2	128,3	6,45	73,1	62,7	5,20	127,0
5" x 3"	141,2	128,3	6,45	88,9	78,0	5,45	127,0
5" x 3 1/2"	141,2	128,3	6,45	101,6	90,2	5,70	127,0
5" x 4"	141,2	128,3	6,45	114,3	102,4	5,95	127,0
6" x 2 1/2"	168,4	154,2	7,10	73,1	62,7	5,20	139,7

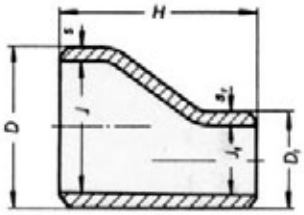




ASA B 16,9
ASTM A 234

D.N. Ø nominale	D	J	S	D1	J1	S1	H
6" x 3"	168,4	154,2	7,10	88,9	78,0	5,45	139,7
6" x 3 1/2"	168,4	154,2	7,10	101,6	90,2	5,70	139,7
6" x 4"	168,4	154,2	7,10	114,3	102,4	5,95	139,7
6" x 5"	168,4	154,2	7,10	141,2	128,3	6,45	139,7
8" x 3 1/2"	219,2	202,7	8,25	101,6	90,2	5,70	152,4
8" x 4"	219,2	202,7	8,25	114,3	102,4	5,95	152,4
8" x 5"	219,2	202,7	8,25	141,2	128,3	6,25	152,4
8" x 6"	219,2	202,7	8,25	168,4	154,2	7,10	152,4
10" x 4"	273,0	254,5	9,25	114,3	102,4	5,95	177,8
10" x 5"	273,0	254,5	9,25	141,2	128,3	6,45	177,8
10" x 6"	273,0	254,5	9,25	168,4	154,2	7,10-	177,8
10" x 8"	273,0	254,5	9,25	219,2	202,7	8,25	177,8
12" x 5"	323,8	304,8	9,50	141,2	128,3	6,45	203,2
12" x 6"	323,8	304,8	9,50	168,4	154,2	7,10	203,2
12" x 8"	323,8	304,8	9,50	219,2	202,7	8,25	203,2
12" x 10"	323,8	304,8	9,50	273,0	254,5	9,25	203,2
14" x 6"	355,6	336,5	9,55	168,4	154,2	7,10	330,2
14" x 8"	355,6	336,5	9,55	219,2	202,7	8,25	330,2
14" x 10"	355,6	336,5	9,55	273,0	254,5	9,25	330,2
14" x 12"	355,6	336,5	9,55	323,8	304,8	9,50	330,2
16" x 8"	406,4	387,3	9,55	219,2	202,7	8,25	355,6
16" x 10"	406,4	387,3	9,55	273,0	254,5	9,25	355,6
16" x 12"	406,4	387,3	9,55	323,8	304,8	9,50	355,6
16" x 14"	406,4	387,3	9,55	355,6	336,5	9,55	355,6
18" x 10"	457,2	438,1	9,55	273,0	254,5	9,25	381,0
18" x 12"	457,2	438,1	9,55	323,8	304,8	9,50	381,0
18" x 14"	457,2	438,1	9,55	355,6	336,5	9,55	381,0
18" x 16"	457,2	438,1	9,55	406,4	387,3	9,55	381,0
20" x 12"	508,0	488,9	9,55	323,8	304,8	9,50	508,0
20" x 14"	508,0	488,9	9,55	355,6	336,5	9,55	508,0
20" x 16"	508,0	488,9	9,55	406,4	387,3	9,55	508,0
20" x 18"	508,0	488,9	9,55	457,2	438,1	9,55	508,0
22" x 14"	558,8	539,7	9,55	355,6	336,5	9,55	508,0
22" x 16"	558,8	539,7	9,55	406,4	387,3	9,55	508,0
22" x 18"	558,8	539,7	9,55	457,2	438,1	9,55	508,0
22" x 20"	558,8	539,7	9,55	508,0	488,9	9,55	508,0
24" x 16"	609,6	590,5	9,55	406,4	387,3	9,55	508,0
24" x 18"	609,6	590,5	9,55	457,2	438,1	9,55	508,0
24" x 20"	609,6	590,5	9,55	508,0	488,9	9,55	508,0

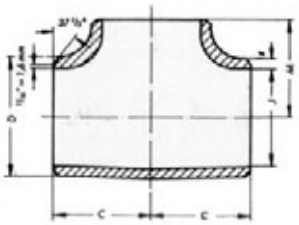




STANDARD WEIGHT

ASA B 16,9 - ASTM A 234

D.N.	D	J	S	C	M	D.N.	D	J	s	C	M
1/2"	21,3	15.7	2,80	25.4	25,4	10"	273.0	254,5	9.25	215,9	215.9
3/4 "	26,7	20.8	2,95	28.6	28,6	12"	323.8	304,8	9.50	254,0	254.0
1"	33,5	26.7	3,40	38.1	38,1	14"	355.6	336,5	9.55	279,4	279.4
1 1/4"	42,2	35.1	3,55	47.6	47,6	16"	406.4	387,3	9.55	304,8	304.8
1 1/2"	48,3	40.9	3,70	57.1	57,1	18"	457.2	438,1	9.55	342,9	342.9
2"	60,4	52.6	3,90	63.5	63,5	20"	508.0	488,9	9.55	381,0	381.0
2 1/2"	73,1	62.7	5,20	76.2	76,2	22"	558.8	539,7	9.55	419,1	419.1
3"	88,9	78,0	5.45	85,7	85.7	24"	609,6	590.5	9,55	431.8	431,8
3 1/2"	101.6	90,2	5.70	95,2	95.2	26"	660,4	641.3	9,55	495.3	495,3
4"	114.3	102,4	5.95	104,8	104.8	30"	762,0	742.9	9,55	558.8	558,8
5"	141.2	128,3	6.45	123,8	123.8	34"	863,6	844.5	9,55	635.0	635,0
6"	168.4	154,2	7.10	142,9	142.9	36"	914,4	895.3	9,55	673.1	673,1
8"	2l9.2	202,7	8.25	177,8	177.8						



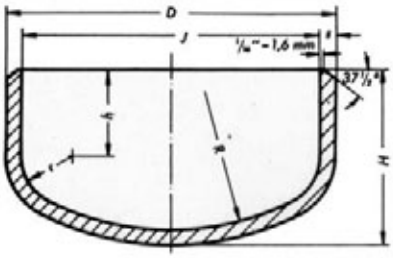
EXTRA STRONG

ASA B 16,9 - ASTM A 234

D.N.	D	J	S	C	M	D.N.	D	J	S	C	M
1/2"	21.3	14.0	3.65	25.4	25.4	10"	273.0	247.6	12.70	215.9	215.9
3/4"	26.7	18.8	3.95	28.6	28.6	12"	323.8	298.4	12.70	254.0	254.0
1"	33.5	24.4	4.55	38.1	38.1	14"	355.6	330.2	12.70	279.4	279.4
1 1/4"	42.2	32.5	4.85	47.6	47.6	16"	406.4	381.0	12.70	304.8	304.8
1 1/2"	48.3	38.1	5.10	57.1	57.1	18"	457.2	431.8	12.70	342.9	342.9
2"	60.4	49.3	5.55	63.5	63.5	20"	508.0	482.6	12.70	381.0	381.0
2 1/2"	73.1	58.9	7.10	76.2	76.2	22"	558.8	533.4	12.70	419.1	419.1
3"	88.9	73.7	7.60	85.7	85.7	24"	609.6	584.2	12.70	431.8	431.8
3 1/2"	101.6	85.3	8.15	95.2	95.2	26"	660.4	635.0	12.70	495.3	495.3
4"	114.3	97.3	8.50	104.8	104.8	30"	762.0	736.6	12.70	558.8	558.8
5"	141.2	122.2	9.50	123.8	123.8	34"	863.6	838.2	12.70	635.0	635.0
6"	168.4	146.3	11.05	142.9	142.9	36"	914.4	889.0	12.70	673.1	673.1
8"	219.2	193.8	12.70	177.8	177.8						

ASA B 16,9 - ASTM A 234

D.N.	D	J	S	H	h	R	r	Schedule
1/2"	21.3	15.7	2.80	25.4	18.8	13.7	2.5	40
3/4 "	26.7	20.8	2.95	31.7	23.6	18.3	3.6	40
1"	33.5	26.7	3.40	38.1	27.9	23.4	4.3	40
1 1/4"	42.2	35.1	3.55	38.1	25.9	34.3	5.8	40
1 1/2"	48.3	40.9	3.70	38.1	24.1	35.8	6.9	40
2"	60.4	52.6	3.90	38.1	21.1	46.0	8.6	40
21/2"	73.1	62.7	5.20	38.1	17.3	54.6	10.4	40
3"	88.9	78.0	5.45	50.8	25.9	68.3	12.9	40
3 1/2"	101.6	90.2	5.70	63.5	35.3	79.0	15.0	40
4"	114.3	102.4	5.95	63.5	32.0	89.4	17.0	40
5"	141.2	128.3	6.45	76.2	37.6	112.3	21.3	40
6"	168.4	154.2	7.10	88.9	43.2	134.9	25.6	40
8"	219.2	202.7	8.25	101.6	42.7	177.3	33.8	40
10"	273.0	254.5	9.25	127.0	54.1	222.8	42.4	40
12"	323.8	304.8	9.50	152.4	66.5	266.7	50.8	ST
14"	355.6	336.5	9.55	165.1	71.4	294.6	56.1	30
16"	406.4	387.3	9.55	177.8	71.4	338.8	64.5	30
18"	457.2	438.1	9.55	203.2	84.1	383.0	73.1	ST
20"	508.0	488.9	9.55	228.6	96.8	427.7	81.5	20
22"	558.8	539.7	9.55	254.0	109.5	472.4	89.9	ST
24"	609.6	590.5	9.55	266.7	109.5	516.6	98.5	20
26"	660.4	641.3	9.55	266.7	96.8	561.3	106.9	ST
30"	762.0	742.9	9.55	266.7	71.4	650.2	123.9	ST
34"	863.6	844.5	9.55	266.7	46.0	739.1	140.7	ST
36"	914.4	895.3	9.55	266.7	33.3	783.6	149.3	ST
42"	1066.8	1047.7	9.55	304.8	33.3	916.9	174.7	ST

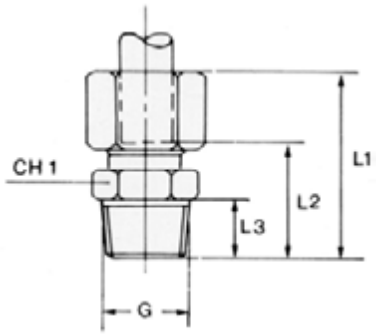


- **in acciaio al carbonio**
- **in acciaio inox AISI 304-316**
- **in ottone**

DIRITTO DI ESTREMITA

Filetto gas conico

Serie	Bar	Codice	Ø Tubo	G	L1	L2	L3	CH1
LL	100	D 4 LLR	4	1/8	26	16	8	12
		D 6 LLR	6	1/8	26	14.5	8	12
		D 8 LLR	8	1/8	28	16.5	8	12
L	250	D 6 LR	6	1/8	30.5	15.5	8	12
		D 8 LR	8	1/4	35.5	20.5	12	17
		D 10 LR	10	1/4	36.5	21.5	12	17
		D 12 LR	12	3/8	37.5	22.5	12	19
		D 15 LR	15	1/2	42	27	14	24
	160	D 18 LR	18	1/2	43	26.5	14	27
		D 22 LR	22	3/4	48	31.5	16	32
	100	D 28 LR	28	1	52	35.5	18	41
		D 35 LR	35	1 1/4	59	37.5	20	46
		D 42 LR	42	11/2	62	39	22	55
		D 6SR	6	1/4	37.5	23.5	12	17
		D 8SR	8	1/4	41.5	25.5	12	17
S	630	D 10 SR	10	3/8	41.5	25	12	19
		D 12 SR	12	3/8	43.5	27	12	22
		D 14 SR	14	1/2	49	31	14	24
	400	D 16 SR	16	1/2	49	30.5	14	27
		D 20 SR	20	3/4	57	35.5	16	32
		D 25 SR	25	1	64	40	18	41
	250	D 30 SR	30	1 1/4	69	42.5	20	46
		D 38 SR	38	1 1/2	76	45	22	55

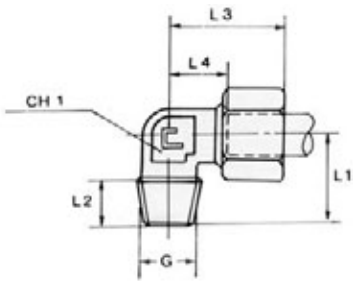


A richiesta: filettatura gas cilindrico e NPT

GOMITO DI ESTREMITA

Filetto gas conico

Serie	Bar	Codice	Ø Tubo	G	L1	L2	L3	L4	CH1
LL	100	L 4 LLR	4	1/8	17	8	21	11	9
		L 6 LLR	6	1/8	17	8	21	9.5	9
		L 8 LLR	8	1/8	20	8	23	11.5	12
L	250	L 6 LR	6	1/8	20	8	27	12	12
		L 8 LR	8	1/4	26	12	29	14	12
		L 10 LR	10	1/4	27	12	30	15	14
		L 12 LR	12	3/8	28	12	32	17	17
		L 15 LR	15	1/2	34	14	36	21	19
	160	L 18 LR	18	1/2	36	14	40	23.5	24
		L 22 LR	22	3/4	42	16	44	27.5	27
	100	L 28 LR	28	1	48	18	47	30.5	36
		L 35 LR	35	1 1/4	57	20	56	34.5	41
		L 42 LR	42	1 1/2	63	22	63	40	50
S	630	L 6SR	6	1 1/4	26	12	31	16	12
		L 8SR	8	1 1/4	27	12	32	17	14
		L 10 SR	10	3/8	28	12	34	17.5	17
		L 12 SR	12	3/8	28	12	38	21.5	19
		L 14 SR	14	1/2	32	14	40	22	19
		L 16 SR	16	1/2	32	14	43	24.5	24
	400	L 20 SR	20	3/4	42	16	48	26.5	27
		L 25 SR	25	1	48	18	54	30	36
	250	L 30 SR	30	1 1/4	57	20	62	35.5	41
		L 38 SR	38	1 1/2	63	22	72	41	50

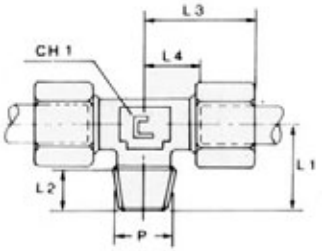


a richiesta: filettatura gas cilindrico e NPT

"T" DI ESTREMITA CENTRALE

Filetto gas conico

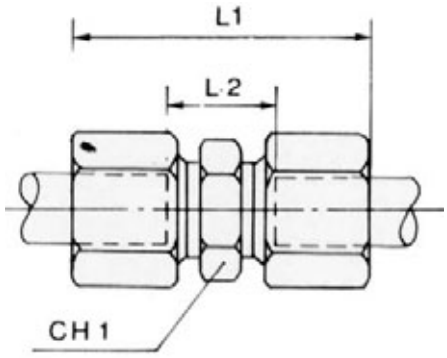
Serie	Bar	Codice	ØTubo	G	LI	L2	L3	L4	CH1
LL	100	NFT 4 LLR	4	1/8	17	8	21	11	9
		NFT 6 LLR	6	1/8	17	8	21	9.5	9
		NFT 8 LLR	8	1/8	20	8	23	11.5	12
L	250	NFT 6 LR	6	1/8	20	8	27	12	12
		NFT 8 LR	8	114	26	12	29	14	12
		NFT 10 LR	10	114	27	12	30	15	14
		NFT 12 LR	12	3/8	28	12	32	17	17
		NFT 15 LR	15	1/2	34	14	36	21	19
	160	NFT 18 LR	18	1/2	36	14	40	23.5	24
		NFT 22 LR	22	3/4	42	16	44	27.5	27
	100	NFT 28 LR	28	1	48	18	47	30.5	36
		NFT 35LR	35	1 1/4	57	20	56	34.5	41
		NFT 42 LR	42	1 1/2	63	22	63	40	50
S	630	NFT 6 SR	6	1 1/4	26	12	31	16	12
		NFT 8 SR	8	1 1/4	27	12	32	17	14
		NFT 10 SR	10	3/8	28	12	34	17.5	17
		NFT 12 SR	12	3/8	28	12	38	21.5	19
		NFT 14 SR	14	1/2	32	14	40	22	19
	400	NFT 16 SR	16	1/2	32	14	43	24.5	24
		NFT 20 SR	20	3/4	42	16	48	26.5	27
		NFT 25 SR	25	1	48	18	54	30	36
	250	NFT 30 SR	30	1 1/4	57	20	62	35.5	41
		NFT 38 SR	38	1 1/2	63	22	72	41	50



a richiesta filettatura gas cilindrico e NPT

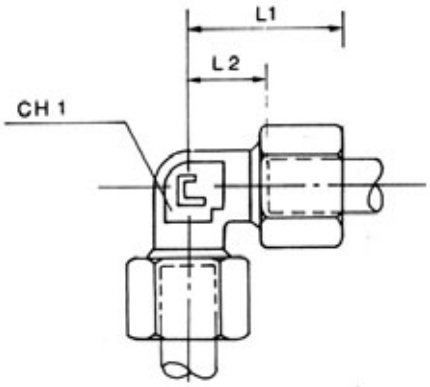
DIRITTO INTERMEDIO

Serie	Bar	Codice	Ø Tubo	L1	L2	CH1
LL	100	E 4 LL	4	31	12	12
		E 6 LL	6	32	9	12
		E 8 LL	8	35	12	12
L	250	E 6 L	6	39	10	12
		E 8 L	8	40	11	14
		E 10 L	10	42	13	17
		E 12 L	12	43	14	19
		E 15 L	15	46	16	24
	160	E 18 L	18	48	16	27
		E 22 L	22	52	20	32
	100	E 28 L	28	54	21	41
		E 35 L	35	63	20	46
		E 42 L	42	66	21	55
S	630	E 6 S	6	45	16	14
		E 8 S	8	47	18	17
		E 10 S	10	49	17	19
		E12 S	12	51	19	22
		E 14 S	14	57	22	24
	400	E16 S	16	57	21	27
		E 20 S	20	66	23	32
		E 25 S	25	74	26	41
	250	E 30 S	30	80	27	46
		E 38 S	38	90	29	55



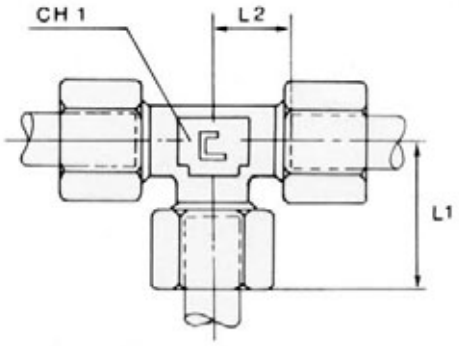
GOMITO INTERMEDIO

Serie	Bar	Codice	Ø Tubo	L1	L2	CH1
LL	100	M 4 LL	4	21	11	9
		M 6 LL	6	21	9.5	9
		M 8 LL	8	23	11.5	12
L	250	M 6 L	6	27	12	12
		M 8 L	8	29	14	12
		M10 L	10	30	15	14
		M 12 L	12	32	17	17
		M 15 L	15	36	21	19
	160	M 18 L	18	40	23.5	24
		M 22 L	22	44	27.5	27
	100	M 28 L	28	47	30.5	36
		M 35 L	35	56	34.5	41
		M 42 L	42	63	40	50
S	630	M 6S	6	31	16	12
		M 8S	8	32	17	14
		M10S	10	34	17.5	17
		M12S	12	38	21.5	19
		M 14 s	14	40	22	19
	400	M16S	16	43	24.5	24
		M 20 S	20	48	26.5	27
		M 25 S	25	54	30	36
	250	M 30 S	30	62	35.5	41
		M 38 S	38	72	41	50



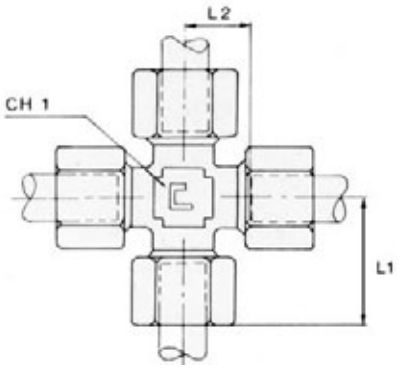
"T" INTERMEDIO

Sede	Bar	Codice	Ø Tubo	L1	L2	CH1
LL	100	N 4 LL	4	21	11	9
		N 6 LL	6	21	9.5	9
		N 8 LL	8	23	11.5	12
L	250	N 6 L	6	27	12	12
		N 8 L	8	29	14	12
		N 10 L	10	30	15	14
		N 12 L	12	32	17	17
		N 15 L	15	36	21	19
	160	N 18 L	18	40	23.5	24
		N 22 L	22	44	27.5	27
	100	N 28 L	28	47	30.5	36
		N 35 L	35	56	34.5	41
		N 42 L	42	63	40	50
S	630	N 6S	6	31	16	12
		N 8S	8	32	17	14
		N10S	10	34	17.5	17
		N12S	12	38	21.5	19
		N14S	14	40	22	19
	400	N 16S	16	43	24.5	24
		N 20 S	20	48	26.5	27
		N 25 S	25	54	30	36
	250	N 30 S	30	62	35.5	41
		N 38 S	38	72	41	50



CROCE INTERMEDIO

Serie	Bar	Codice	Ø Tubo	L1	L2	CH1
LL	100	P 4 LL	4	21	11	9
		P 6 LL	6	21	9.5	9
		P 8 LL	8	23	11.5	12
L	250	P 6 L	6	27	12	12
		P 8 L	8	29	14	12
		P 10 L	10	30	15	14
		P 12 L	12	32	17	17
		P 15 L	15	36	21	19
	160	P 18 L	18	40	23.5	24
		P 22 L	22	44	27.5	27
	100	P 28 L	28	47	30.5	36
		P 35 L	35	56	34.5'	41
		P 42 L	42	63	40	50
S	630	P 6 S	6	31	16	12
		P 8 S	8	32	17	14
		P10 S	10	34	17.5	17
		P12 S	12	38	21.5	19
		P 14 S	14	40	22	19
	400	P 16 S	16	43	24.5	24
		P 20 S	20	48	26.5	27
		P 25 S	25	54	30	36
	250	P 30 S	30	62	35.5	41
		P 38 S	38	72	41	50



Raccordi ad attacco rapido per serbatoi e motocisterne

Esecuzione: in ottone e acciaio inox

Attacco rapido	3R					4R	
Ø portagomma	50	60	70	75	80	80	100

Fig. 1642

Attacco rapido	1 1/2"	2R		3R					4R	
Ø portagomma	40	50	60	50	60	70	75	80	80	100

Fig. 1643

Attacco rapido	1 1/2 R	2R		3R					4R	
Ø portagomma	40	50	60	50	60	70	75	80	80	100

Fig. 1695

Riduzioni da attacco rapido a filettatura gas

Da rapido maschio	1 1/2R	2R	3R	4R
A gas femmina	1 1/2"	1 1/2" - 2"	2" – 2 1/2" - 3"	2 1/2" - 3" - 4" P. Cassoni

Fig. 1608

Da rapido maschio	1 1/2R	2R	3R	4R
A gas maschio	1 1/2" - 2"	1 1/2" - 2"	1 1/2" - 2" 2 1/2" - 3" P. Cassoni	4" P. Cassoni

Fig. 1648

Da rapido maschio	1 1/2R	2R	3R	4R
A gas femmina	1 1/2" - 2"	1 1/2" - 2"	2 1/2" - 3" 3 1/4" - 4" P. Cassoni	31/4" - 4" P. Cassoni

Fig. 1649

Da femmina rapido	1 1/2 R	2R	3R	4R
A gas maschio	1 1/2"	1 1/2" - 2"	1 1/2" - 2" 2 1/2" - 3" - 4" P. Cassoni	2 1/2" - 3" - 4" P. Cassoni

Fig. 1646

Riduzioni da rapido femmina a rapido maschio

Da rapido femmina	1 1/2R	2R	3R	4R
A rapido maschio	2R	1 1/2R	4R	3R

Fig. 1694

Riduzioni da rapido femmina a filetto gas femmina

Esecuzione: in ottone
Dimensioni:

Rapido femmina	3R	4R
Filetto femmina	2" – 2" ½ - 3"	4"

Fig. 1857

Pagina nuova 06/2003

Raccordi con filettatura gas per tubi di gomma

Ø filetto	1 1/2"	2"	2 1/2"	2 1/2"	3"	3"	4"	4"	SAIV
Ø portagomma	40	50	50-53	60-63	75	80	80	100	100

Il filetto da 4" può essere sostituito dal filetto 100 Cassoni oppure 100 UNI.

Fig. 1650

Riduzioni filettate

Da femmina	1 1/2"	2"	2 1/2"	3"	4"
A maschio	1 1/2"	1 1/2" - 2" 2 1/2"	4" Cassoni	4" Cassoni	4" Cassoni

Fig. 1655

Da femmina	2 1/2"	3"	3 1/4"	4"
A maschio	2" - 21/2" - 3"	1 1/2" - 2" 2 1/2" - 3"	3"	2 1/2" - 3" Cassoni

Fig. 1656

Da maschio	1"	1 1/2"	2"	2 1/2"	3"	4"
A maschio	1 1/2"	2" - 2 1/2"	2 1/2"	3" - 4" Cassoni	4" cassoni	Cassoni

Esecuzione: in ottone e acciaio inox.

Fig. 1657

Bocca di carico a chiusura rapida

Esecuzione:
1607/A - raccordo di attacco e tappo a chiusura rapida completamente in ottone.
1607/B - raccordo di attacco in ottone e tappo a chiusura rapida in lega leggera.

A	110	130
Attacco rapido	**3R**	**4R**
Raccordo	2" - 2 1/2" - 3"	2 1/2" - 3" - *4"* P. Cassoni

Fig. 1607

A	62	80	110	130
Attacco rapido	**1 1/2R**	**2R**	**3R**	**4R**
Raccordo	1 1/2"	1 1/2"	2 1/2" - 3"	2 1/2" - 3" - 4" P. Cassoni

Fig. 1608

Attacco rapido: 3R - 4R

Esecuzione:
1609/A - di ottone
1609/B - di lega leggera

Fig. 1609

Attacco rapido: 3R - 4R

Esecuzione: in ottone

Fig. 1685

Pagina variata 09-2002

Attacchi rapidi DIN 28450 PN 16

Esecuzione: Inox AISI 316
ottone
alluminio

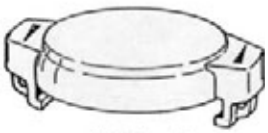
Guarnizioni: Perburan
FKM
PTFE
Hypalon

Dimensioni: DN 50 ÷ DN 100
Catena: AISI 316
L= 200-300-350 mm.

mod. MK femmina


mod. VK maschio


mod. TWK


mod. MB femmina


mod. VB maschio

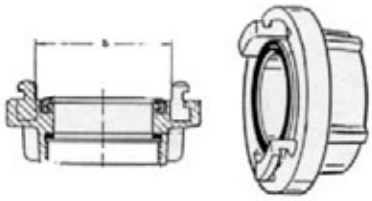
Attacchi rapidi STORZ
DIN 14301 - 14321 - 23 DIN 11887 – 51

Esecuzione: Inox AISI 316
ottone
alluminio

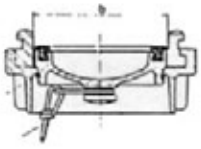
Guarnizioni: NBR
Silicone

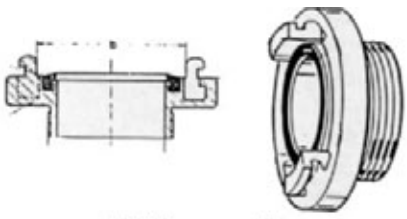
Dimensioni: Ø 1" ÷ 4

Ø	1"	2"	3"	4"
b	31	66	89	133


Filetto femmina

Disponibili anche con portagomma o flangia


Tappo


Filetto maschio