

ED.2022
PIPES
BARS
FITTINGS



di marco

TUBI PROFILATI E RACCORDI



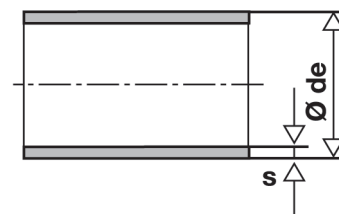
TABELLA PRESSIONE DI ESERCIZIO IN BAR PER TUBI ELETTRONITITI

OPERATING PRESSURE IN BAR FOR WELDED PIPES

Wall Thickness

ID	OD	1.0	1.2	1.6	2.0	2.3	2.6	2.9	3.2	3.6	4.0	4.5	5.0	5.6	6.3	7.1	8.0	8.8		
8	10.0	239	287																8	10.0
	10.2	235	282	376	469															10.2
	12.0	200	239	319	399	459														12.0
	13.5	177	213	284	355	408	461	514												13.5
10	14.0	171	205	274	342	393	445	496											10	14.0
	16.0	150	180	239	299	344	389	434												16.0
	17.2	139	167	223	278	320	362	404	445											17.2
15	18.0	133	160	213	266	306	346	386	426										15	18.0
	19.0	126	151	202	252	290	328	365	403											19.0
	20.0	120	144	192	239	275	311	347	383											20.0
	21.3	112	135	180	225	259	292	326	360	405	450									21.3
20	22.0	109	131	174	218	250	283	316	348	392	435								20	22.0
	25.0	96	115	153	192	220	249	278	306	345	383									25.0
	25.4	94	113	151	189	217	245	273	302	339	377									25.4
	26.9	89	107	142	178	205	231	258	285	320	356									26.9
25	30.0	80	96	128	160	184	207	231	255	287	319								25	30.0
	31.8	75	90	120	151	173	196	218	241	271	301									31.8
	32.0	75	90	120	150	172	195	217	239	269	299									32.0
	33.7	71	85	114	142	163	185	206	227	256	284	320								33.7
32	35.0	68	82	109	137	157	178	198	219	246	274	308							32	35.0
	38.0	63	76	101	126	145	164	183	202	227	252	284								38.0
	40.0	60	72	96	120	138	156	174	192	215	239	269								40.0
	42.4	56	68	90	113	130	147	164	181	203	226	254	282							42.4
40	44.5	54	65	86	108	124	140	156	172	194	215	242	269						40	44.5
	48.3	50	59	79	99	114	129	144	159	178	198	223	248							48.3
50	51.0	47	56	75	94	108	122	136	150	169	188	211	235						50	51.0
	54.0			71	89	102	115	129	142	160	177	200	222							54.0
	57.0			67	84	97	109	122	134	151	168	189	210							57.0
	60.3			64	79	91	103	115	127	143	159	179	199	122						60.3
65	63.5			60	75	87	98	109	121	136	151	170	189	211					65	63.5
	70.0			55	68	79	89	99	109	123	137	154	171	192						70.0
	76.1			50	63	72	82	91	101	113	126	142	157	176		223				76.1
	88.9			43	54	62	70	78	86	97	108	121	135	151			215			88.9
100	101.6			38	47	54	61	68	75	85	94	106	118	132			189		100	101.6
	108.0			35	44	51	58	64	71	80	89	100	111	124						108.0
	114.3			34	42	48	54	61	67	75	84	94	105	117	132			184		114.3
125	133.0			29	36	41	47	52	58	65	72	81	90	101					125	133.0
	139.7			27	34	39	45	50	55	62	69	77	86	96	108	122				139.7
150	159.0			24	30	35	39	44	48	54	60	68	75	84	95	107	120	132	150	159.0
	168.3			23	28	33	37	41	46	51	57	64	71	80	90	101	114	125		168.3
200	219.1				22	25	28	32	35	39	44	49	55	61	69	78	87	96	200	219.1
250	273.0				18	20	23	25	28	32	35	39	44	49	55	62	70	77	250	273.0
300	323.9				15	17	19	21	24	27	30	33	37	41	47	52	59	65	300	323.9
350	355.6						18	20	22	24	27	30	34	38	42	48	54	59	350	355.6
400	406.4						15	17	19	21	24	27	29	33	37	42	47	52	400	406.4
450	457							15	17	19	21	24	26	29	33	37	42	46	450	457
500	508							14	15	17	19	21	24	26	30	33	38	41	500	508
	559							12	14	15	17	19	21	24	27	30	34	38		559
600	610							11	13	14	16	18	20	22	25	28	31	35	600	610
700	711							10	11	12	13	15	17	19	21	24	27	30	700	711
	762							9	10	11	13	14	16	18	20	22	25	28		762
800	813							9	9	11	12	13	15	16	19	21	24	26	800	813
	864							8	9	10	11	12	14	16	17	20	22	24		864
900	914							8	8	9	10	12	13	15	17	19	21	23	900	914
	965							7	8	9	10	11	12	14	16	18	20	22		965
1000	1016							7	8	8	9	11	12	13	15	17	19	21	1000	1016
	1118							6	7	8	9	10	11	12	13	15	17	19		1118
	1219							6	6	7	8	9	10	11	12	14	16	17		1219
	1321							5	6	7	7	8	9	10	11	13	14	16		1321
	1422							5	5	6	7	8	8	9	11	12	13	15		1422
	1524							5	5	6	6	7	8	9	10	11	13	14		1524
	1626							4	5	5	6	7	7	8	9	10	12	13		1626
		1.0	1.2	1.6	2.0	2.3	2.6	2.9	3.2	3.6	4.0	4.5	5.0	5.6	6.3	7.1	8.0	8.8		

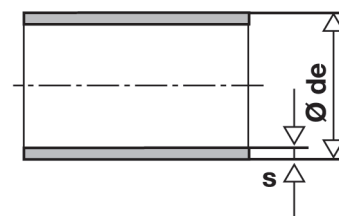
TUBI ELETTRUNITI ISO1127 EN10217-7 AISI304L / AISI 316L
WELDED PIPES ISO EN 1.4307 - 1.4404



DN	dext	kg/m	stock	
			a304	a316
10	17,2x1,5	0,590	●	●
	17,2x2	0,761	●	●
15	21,3x1,5	0,744	●	●
	21,3x2	0,967	●	●
	21,3x2,5	1,177	●	●
20	26,9x1,5	0,954	●	●
	26,9x2	1,247	●	●
	26,9x2,5	1,527	●	●
25	33,7x1,5	1,209	●	●
	33,7x2	1,588	●	●
	33,7x2,5	1,953	●	●
	33,7x3	2,306	●	●
32	42,4x1,5	1,536	●	●
	42,4x2	2,023	●	●
	42,4x2,5	2,498	●	●
	42,4x3	2,960	●	●
40	48,3x1,5	1,758	●	●
	48,3x2	2,319	●	●
	48,3x2,5	2,867	●	●
	48,3x3	3,403	●	●
50	60,3x1,5	2,209	●	●
	60,3x2	2,920	●	●
	60,3x2,5	3,618	●	●
	60,3x3	4,304	●	●
65	76,1x1,5	2,802	●	●
	76,1x2	3,711	●	●
	76,1x2,6	4,607	●	●
	76,1x3	5,491	●	●
80	88,9x1,5	3,283	●	●
	88,9x2	4,352	●	●
	88,9x2,6	5,618	●	●
	88,9x3	6,453	●	●
100	114,3x1,6	4,515	●	●
	114,3x2	5,624	●	●
	114,3x2,6	7,272	●	●
	114,3x3	8,361	●	●
	114,3x4	11,048	●	●

DN	dext	kg/m	stock	
			a304	a316
125	139,7x2	6,896	●	●
	139,7x2,6	8,926	●	●
	139,7x3	10,269	●	●
150	139,7x4	13,592	●	●
	168,3x2	8,328	●	●
	168,3x2,6	10,788	●	●
	168,3x3	10,788	●	●
200	168,3x4	16,456	●	●
	219,1x2	10,872	●	●
	219,1x2,6	14,095	●	●
	219,1x3	16,233	●	●
250	219,1x4	21,544	●	●
	273x2	13,572	●	●
	273x2,6	17,604	●	●
	273x3	20,282	●	●
	273x4	26,943	●	●
300	323,9x2	16,121	●	●
	323,9x2,6	20,918	●	●
	323,9x3	24,106	●	●
	323,9x4	32,041	●	●
350	355,6x3	26,487	●	●
	355,6x4	35,216	●	●
400	406,4x3	30,303	●	●
	406,4x4	40,304	●	●
450	457,2x3	34,10	●	●
	457,2x4	45,37	●	●
500	508x3	37,94	●	●
	508x4	50,48	●	●
	508x5	63,98	●	●
600	609,6x3	45,57	●	●
	609,6x4	60,66	●	●
	609,6x5	75,70	●	●
700	711x4	70,81	●	●
	711x5	88,39	●	●
800	812x4	81,00	●	●
800	812x4	101,00	●	●

TUBI ELETTRUNITI METRICI EN10217-7 AISI304L / AISI 316L
WELDED PIPES METRIC EN 1.4307 - 1.4404



DN	dexts	kg/m	stock	
			a304	a316
15	18x1,5	0,620		
	18x2	0,801		●
	20x1,5	0,695		●
	20x2	0,854		●
20	22x1,5	0,770		
	22x2	1,002		●
	25x1,5	0,883		
	25x2	1,152		●
25	28x1,5	0,995		
	28x2	1,302		●
	30x1,5	1,070		
	30x2	1,402		●
32	35x1,5	1,258		
	35x2	1,653		●
	38x1,5	1,371		
	38x2	1,803		
40	40x1,5	1,446		
	40x2	1,903		●
	43x1,5	1,559		
	44,5x2	1,615		
50	53x1,5	1,934	●	●
	54x2	1,972	●	●
65	70x1,5	2,573		●
	70x2	3,405		●
80	83x1,5	3,061	●	●
	84x2	4,107	●	●
	85x3	6,160		
100	103x1,5	3,805	●	●
	104x2	5,108	●	●
	106x3	7,74		●
125	128x1,5	4,751	●	●
	129x2	6,360	●	●
	131x3	9,62		
150	153x1,5	5,690	●	●
	154x2	7,612	●	
	156x3	11,493	●	●

DN	dexts	kg/m	stock	
			a304	a316
200	204x2	10,166	●	●
	205x2,5	12,677		
	206x3	15,249	●	●
250	254x2	12,620		
	255x2,5	15,807	●	●
	256x3	19,005	●	●
300	304x2	15,124		
	305x2,5	18,874	●	●
	306x3	22,761	●	
350	354x2	17,628		
	355x2,5	22,104		
	356x3	26,487	●	●
400	406x3	30,303	●	●
	408x4	40,304	●	●
450	456x3	34,15	●	
	458x4	45,65	●	
500	506x3	37,79		
	508x4	50,28		



TUBI ELETTRUNITI DVGW W 541 (Sistemi Pressfitting)
WELDED PIPES DVGW W 541

AISI304L / AISI 316L
EN 1.4307 - 1.4404

DIAMETRO mm	SPESSORE mm	Kg/mt
15	1,0	0,376
18,0	1,0	0,451
22,0	1,2	0,661
28,0	1,2	0,841
35,0	1,5	1,315
42,0	1,5	1,578
54,0	1,5	2,028
76.1	2	3,711
88,9	2	4,352
108	2	5,308

TUBI METRICI ELETTRUNITI RICOTTI
WELDED HEAT TREATED PIPES METRIC

AISI304L / AISI 316L
EN 1.4307 - 1.4404

DIAMETRO mm	SPESSORE mm		
De mm	1,0	1,5	2,0
	kg/mt		
6,0	0,13		
8,0	0,18		
10,0	0,23	0,32	
12,0	0,28	0,39	
14,0	0,33	0,47	
15,0	0,35	0,51	
16,0	0,38	0,54	
18,0	0,43	0,62	0,80
20,0	0,48	0,69	0,90
22		0,77	1,00



TUBI SENZA SALDATURA ASTM A312
SEAMLESS PIPES ASTM A312

AISI304L / AISI 316L
EN 1.4307 - 1.4404

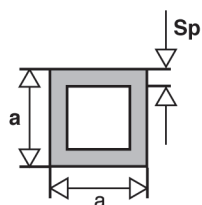
DIAMETRO mm			SPESSORE mm					
			SCH 5S		SCH 10S		SCH 40S	
mm	Diam	DN	mm	kg/mt	mm	kg/mt	mm	kg/mt
10,3	1/8"	5			1,24	0,28	1,73	0,37
13,7	1/4"	8			1,65	0,50	2,24	0,64
17,2	3/8"	10			1,65	0,64	2,31	0,86
21,3	1/2"	15	1,65	0,81	2,11	1,01	2,77	1,28
26,7	3/4"	20	1,65	1,03	2,11	1,29	2,87	1,71
33,4	1"	25	1,65	1,31	2,77	2,12	3,38	2,53
42,2	1 1/4"	32	1,65	1,67	2,77	2,73	3,56	3,43
48,3	1 1/2"	40	1,65	1,92	2,77	3,15	3,68	4,10
60,3	2"	50	1,65	2,42	2,77	3,98	3,91	5,51
73,0	2 1/2"	65	2,11	3,74	3,05	5,33	5,16	8,77
88,9	3"	80	2,11	4,57	3,05	6,54	5,49	11,50
101,6	3 1/2"		2,11	5,24	3,05	7,51	5,74	13,80
114,3	4"	100	2,11	5,91	3,05	8,47	6,02	16,30
141,3	5"	125	2,77	9,58	3,40	11,70	6,55	22,10
168,3	6"	150	2,77	11,5	3,40	14,00	7,11	28,70
219,1	8"	200	2,77	15	3,76	20,30	8,18	43,20

TUBI SENZA SALDATURA ASTM A213
SEAMLESS PIPES ASTM A213

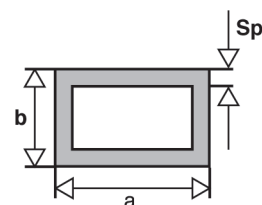
AISI304L / AISI 316L
EN 1.4307 - 1.4404

DIAMETRO mm	SPESSORE mm			
De mm	1,0	1,5	2,0	2,5
	kg/mt			
6,0	0,13	0,17	0,20	
8,0	0,18	0,24	0,30	
10,0	0,23	0,32	0,40	
12,0	0,28	0,39	0,50	
14,0	0,33	0,47	0,60	
15,0	0,35	0,51	0,65	
16,0	0,38	0,54	0,70	
18,0	0,43	0,62	0,80	
20,0	0,48	0,69	0,90	1,09
22		0,77	1,00	
25		0,88	1,15	1,40
28		0,99	1,30	1,59
30		1,07	1,4	1,72

TUBI QUADRI E RETTANGOLI SQUARE RECTANGULAR TUBES



AISI304L EN 1.4307



axaxsp	kg/mt	stock	
		a304	a316
10x10x1	0,294		
15x15x1,5	0,661	●	
20x20x1,5	0,901	●	
20x20x2	1,175	●	●
25x25x1,5	1,140	●	
25x25x2	1,494	●	●
30x30x1,5	1,379	●	
30x30x2	1,814	●	●
30x30x3	2,645	●	
35x35x1,5	1,618	●	
35x35x2	2,132		
35x35x3	3,124		
40x40x1,5	1,857	●	
40x40x2	2,451	●	●
40x40x3	3,602	●	
45x45x1,5	2,097	●	
45x45x2	2,770		
50x50x1,5	2,336	●	
50x50x2	3,089	●	●
50x50x3	4,559	●	
60x60x1,5	2,814	●	
60x60x2	3,727	●	●
60x60x3	5,516	●	
80x80x2	5,003	●	●
80x80x3	7,430	●	
80x80x4	9,807		
100x100x2	6,279	●	●
100x100x3	9,343	●	
100x100x4	12,358		
120x120x3	11,257	●	
120x120x4	14,91	●	
150x150x3	14,129	●	
150x150x4	18,738		

axbxbp	kg/mt	stock	
		a304	a316
20x10x1,5	0,661	●	
25x15x1,5	0,900	●	
25x15x2	1,176		
30x10x1,5	0,900		
30x15x1,5	1,020	●	
30x15x2	1,335	●	●
30x20x1,5	1,140		
30x20x2	1,494	●	
40x20x1,5	1,379	●	
40x20x2	1,813	●	●
40x30x1,5	1,618		
40x30x2	2,132	●	●
40x30x3	3,124	●	
50x20x1,5	1,618	●	
50x20x2	2,132	●	
50x25x1,5	1,738	●	
50x25x2	2,292	●	●
50x30x1,5	1,857		
50x30x2	2,541	●	
60x20x1,5	1,857		
60x20x2	2,451	●	
60x30x1,5	2,097	●	
60x30x2	2,770	●	●
60x30x3	4,081	●	
60x40x1,5	2,336	●	
60x40x2	3,089	●	●
60x40x3	4,559	●	
80x40x1,5	2,814		
80x40x2	3,727	●	●
80x40x3	5,516	●	
80x60x2	4,365		
80x60x3	5,516		
100x40x2	4,365	●	
100x40x3	6,473	●	
100x50x2	4,684	●	●
100x50x3	6,952	●	
100x60x2	5,003	●	
100x60x3	7,430	●	
120x60x2	5,642	●	
120x60x3	9,343	●	
150x100x3	11,735	●	
150x100x4	15,548		

LAMIERE LAMINATE A FREDDO FINITURA 2B
COLD ROLLED SHEETS FINISHING 2B

AISI 304/AISI 316 L

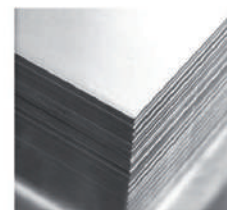


Tabella kg/pz

Dimensioni mm		0,8	1,0	1,2	1,5	2,0	2,5	3,0	4,0	5,0
1.000	2.000	12,8	16,0	19,2	24,0	32,0	40,0	48,0	64,0	80,0
1.000	3.000	19,2	24,0	28,8	36,0	48,0	60,0	72,0	96,0	120,0
1.250	2.500	20,0	25,0	30,0	37,5	50,0	62,5	75,0	100,0	125,0
1.250	3.000	24,0	30,0	36,0	45,0	60,0	75,0	90,0	120,0	150,0
1.500	3.000	28,8	36,0	43,2	54,0	72,0	90,0	108,0	144,0	180,0
1.500	4.000	38,4	48,0	57,6	72,0	96,0	120,0	144,0	192,0	240,0

LAMIERE LAMINATE A CALDO
HOT ROLLED SHEETS

AISI 304/AISI 316 L

Tabella kg/pz

Dimensioni mm		3,0	4,0	5,0	6,0	8,0	10,0
1.000	2.000	48,0	64,0	80,0	96,0	128,0	160,0
1.000	3.000	72,0	96,0	120,0	144,0	192,0	240,0
1.250	2.500	75,0	100,0	125,0	150,0	200,0	250,0
1.250	3.000	90,0	120,0	150,0	180,0	240,0	300,0
1.500	3.000	108,0	144,0	180,0	216,0	288,0	360,0
1.500	4.000	144,0	192,0	240,0	288,0	384,0	480,0

BARRE PIATTE LAMINATE A CALDO LAMINATED FLAT BARS

AISI 304/AISI 316 L

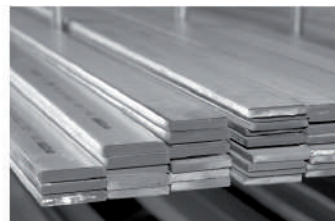


Tabella kg/m	Spessori mm						
Larghezze mm	15,0	20,0	25,0	30,0	35,0	40,0	50,0
20	2,40	-	-	-	-	-	-
25	3,00	-	-	-	-	-	-
30	3,60	4,80	-	-	-	-	-
35	4,20	5,60	7,00	-	-	-	-
40	4,80	6,40	8,00	9,60	-	-	-
45	5,40	7,20	9,00	10,80	-	-	-
50	6,00	8,00	10,00	12,00	14,00	16,00	-
60	7,20	9,60	12,00	14,40	16,80	19,20	-
70	8,40	11,20	14,00	16,80	19,60	22,40	-
80	9,60	12,80	16,00	19,20	22,40	25,60	32,00
90	10,80	14,40	18,00	21,60	22,50	28,80	36,00
100	12,00	16,00	20,00	24,00	28,00	32,00	40,00
120	14,40	19,20	24,00	28,80	33,60	38,40	48,00
150	18,00	24,00	30,00	36,00	42,00	48,00	60,00

BARRE PIATTE CESCOIATE A FREDDO SHEARED FLAT BARS

AISI 304/AISI 316 L

Tabella kg/m	Spessori mm							
Larghezze mm	2,0	3,0	4,0	5,0	6,0	8,0	10,0	12,0
10	0,16	0,24	0,32	0,40	-	-	-	-
12	0,19	0,29	0,38	0,48	-	-	-	-
15	0,24	0,36	0,48	0,60	0,72	0,96	1,20	-
20	0,32	0,48	0,64	0,80	0,96	1,28	1,60	1,92
25	0,40	0,60	0,80	1,00	1,20	1,60	2,00	2,40
30	0,48	0,72	0,96	1,20	1,44	1,92	2,40	2,88
35	0,56	0,84	1,12	1,40	1,68	2,24	2,80	3,36
40	0,64	0,96	1,28	1,60	1,92	2,56	3,20	3,84
45	0,72	1,08	1,44	1,80	2,16	2,88	3,60	4,32
50	0,80	1,20	1,60	2,00	2,40	3,20	4,00	4,80
60	0,96	1,44	1,92	2,40	2,88	3,84	4,80	5,76
70	1,12	1,68	2,24	2,80	3,36	4,48	5,60	6,72
80	1,28	1,92	2,56	3,20	3,84	5,12	6,40	7,68
90	1,44	2,16	2,88	3,60	4,32	5,76	7,20	8,64
100	1,60	2,40	3,20	4,00	4,80	6,40	8,00	9,60
120	1,92	2,88	3,84	4,80	5,76	7,68	9,60	11,52
150	2,40	3,60	4,80	6,00	7,20	9,60	12,00	14,40
200	3,20	4,80	6,40	8,00	9,60	12,80	16,00	19,20

ANGOLARI LAMINATI A CALDO
HOT LAMINATED ANGLES

AISI 304/AISI 316 L

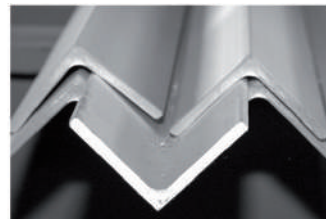


Tabella pesi (kg/m)	SPESSORE (mm)						
Sezione (mm)	3.0	4.0	5.0	6.0	7.0	8.0	10.0
20X20	0,88						
25X25	1,12						
30X30	1,36	1,78					
35X35		2,09					
40X40		2,42					
50X50			3,77				
60X60				5,42			
70X70					7,35		
80X80						9,66	
100X100							15,10

BARRE QUADRE LAMINATE A CALDO
HOT LAMINATED SQUARE BARS

AISI 304/AISI 316 L



Sezione (mm)	Tabella pesi Kg/m
8X8	0,51
10X10	0,80
12X12	1,01
14X14	1,57
15X15	1,80
16X16	2,05
18X18	2,59
20X20	3,20
22X22	3,87
25X25	5,00
30X30	7,20
35X35	9,80
40X40	12,80
45X45	16,20
50X50	20,00
60X60	28,80
70X70	39,20
80X80	51,20
100X100	79,00

PROFILO A T
EQUAL TEE BARS

AISI 304L



Tabella pesi (kg/m)	SPESSORE (mm)					
Sezione (mm)	3.0	4.0	5.0	6.0	8.0	10.0
20X20	0,90					
25X25	1,14					
30X30	1,38	1,81				
40X40		2,45				
50X50			3,81			
60X60				5,49		
80X80					9,74	
100X100						16,81

PROFILO A U STAMPATO
COLD FORMED U BARS

AISI 304L

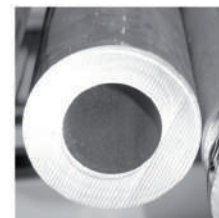


Tabella pesi (kg/m)	SPESSORE (mm)			
Sezione (mm)	3.0	4.0	5.0	6.0
20X40X20	1,63			
25X50X25	2,10			
30X50X30	2,35			
30X60X30	2,59			
40X80X40	3,55	4,6		
50X100X50	4,51	5,88		



Diametri mm	kg/m
3	0,06
4	0,10
5	0,16
6	0,23
7	0,31
8	0,40
9	0,51
10	0,63
11	0,76
12	0,90
13	1,06
14	1,23
15	1,41
16	1,61
17	1,81
18	2,03
20	2,51
22	3,04
24	3,62
25	3,93
26	4,25
28	4,92
30	5,65
32	6,43
35	7,69
36	8,14
38	9,07
40	10,05
42	11,08
45	12,92
46	13,29
48	14,47
50	15,70
55	19,00
60	22,61
65	26,53
70	30,77
75	35,33
80	40,19
85	45,37
90	50,87
95	56,68
100	62,80
110	75,99
115	83,05
120	90,43
125	98,13
130	106,13
135	114,45

Diametri mm	kg/m
140	123,09
145	132,04
150	141,30
155	150,88
160	160,77
165	170,97
170	181,49
175	192,33
180	203,47
185	214,93
190	226,71
200	251,20
210	276,95
220	303,95
230	332,21
240	361,73
250	392,50
260	424,53
270	457,81
280	492,35
290	528,15
300	565,20
310	603,51
320	643,07
350	769,30
400	1004,80
450	1271,70
500	1570,00

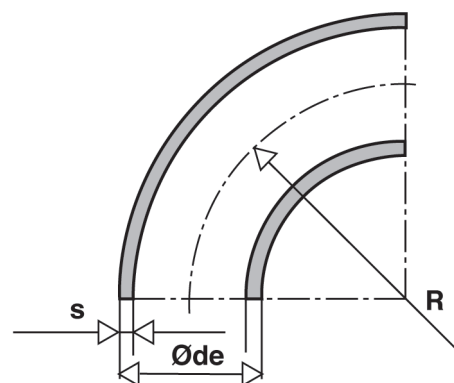

Dimensioni dopo tornitura

Diametro Nominale (mm)		Peso teorico medio (kg/m)	Diametro Nominale (mm)		Peso teorico medio (kg/m)
Ø est.	Ø int.		Ø est.	Ø int.	
32	20	4,20	118	90	39,0
32	16	5,07	118	80	49,4
36	25	4,55	118	71	57,6
36	20	5,91	118	63	64,2
36	16	6,78	125	100	38,3
40	28	5,49	125	90	49,8
40	25	6,47	125	80	60,2
40	20	7,83	125	71	68,5
45	32	6,70	132	106	42,0
45	28	8,17	132	90	61,1
45	20	10,5	132	80	71,5
50	36	8,01	132	71	79,7
50	32	9,70	140	112	47,8
50	25	12,1	140	100	63,3
56	40	10,2	140	90	85,2
56	36	12,1	140	80	71,5
56	28	15,2	150	125	47,4
63	50	9,91	150	106	74,2
63	40	15,4	150	95	87,7
63	36	17,3	150	80	101,0
63	32	19,0	160	90	112,9
71	56	12,9	160	132	56,2
71	45	19,6	160	122	71,6
71	40	22,3	160	112	85,8
71	36	24,1	170	100	118,3
75	40	26,0	170	140	63,8
75	50	21,5	170	130	80,2
80	63	16,4	170	118	98,4
80	50	25,3	180	100	144,4
80	40	30,9	180	150	68,8
80	45	28,3	180	140	86,1
85	45	33,5	180	125	110,0
90	71	20,6	190	160	73,0
90	63	27,1	190	150	187,0
90	56	32,3	190	132	123,0
90	50	36,1	200	160	97,6
95	50	42,1	200	150	117,0
100	80	24,4	200	140	134,0
100	71	32,7	212	170	109,0
100	63	39,2	212	130	182,0
100	56	42,3	224	180	121,0
106	80	32,3	224	140	199,0
106	71	40,6	236	190	133,0
106	63	47,1	236	150	216,0
106	56	52,1	250	200	153,0
112	90	30,2			
112	80	40,6			
112	71	48,8			
112	63	55,3			

CURVA A SALDARE ISO
BUTT WELD ELBOW ISO

90° R=1,5 D

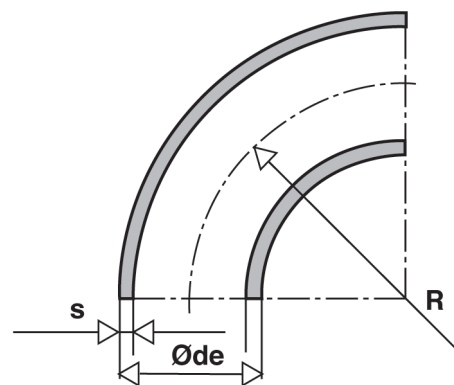
AISI304L / AISI 316L
EN 1.4307 - 1.4404



DN	dexts	R	kg/pz	stock	
				a304	a316
10	17,2x1,5	28	0,02	●	●
	17,2x2		0,03	●	●
15	21,3x1,5	28	0,03	●	●
	21,3x2		0,04	●	●
	21,3x2,5		0,05	●	●
20	26,9x1,5	29	0,04	●	●
	26,9x2		0,06	●	●
	26,9x2,5		0,07	●	●
25	33,7x1,5	38	0,08	●	●
	33,7x2		0,10	●	●
	33,7x3		0,12	●	●
32	42,4x1,5	48	0,12	●	●
	42,4x2		0,15	●	●
	42,4x3		0,19	●	●
40	48,3x1,5	57	0,16	●	●
	48,3x2		0,21	●	●
	48,3x3		0,26	●	●
50	60,3x1,5	76	0,27	●	●
	60,3x2		0,35	●	●
	60,3x3		0,53	●	●
65	76,1x2	95	0,55	●	●
	76,1x3		0,80	●	●
80	88,9x2	114	0,78	●	●
	88,9x3		1,17	●	●
	88,9x4		1,51	●	●
	101,6x2	133	1,20	●	●
	101,6x3		3,29	●	●
100	114,3x2	152	1,30	●	●
	114,3x3		2,10	●	●
	114,3x4		4,11	●	●
125	139,7x2	190	2,10	●	●
	139,7x2,6		3,08	●	●
	139,7x3		3,20	●	●
	139,7x4		4,08	●	●

DN	dexts	R	kg/pz	stock	
				a304	a316
150	168,3x2	229	3,00	●	●
	168,3x2,6		4,30	●	●
	168,3x3		4,60	●	●
	168,3x4		5,90	●	●
200	219,1x2	305	5,20	●	●
	219,1x2,6		4,30	●	●
	219,1x3		4,60	●	●
	219,1x4		5,90	●	●
250	273x2	381	5,20	●	●
	273x2,6		10,50	●	●
	273x3		12,60	●	●
	273x4		16,10	●	●
300	323,9x2	457	11,60	●	●
	323,9x2,6		15,00	●	●
	323,9x3		17,60	●	●
	323,9x4		23,00	●	●
350	355,6x3	533	22,50	●	●
	355,6x4		29,50	●	●
400	406,4x3	610	29,60	●	●
	406,4x4		38,60	●	●
450	457,2x3	686	36,80	●	●
	457,2x4		48,90	●	●
500	508x3	762	45,40	●	●
	508x4		60,40	●	●
600	609,6x3	914	65,40	●	●
	609,6x4		87,10	●	●
	609,6x5		109,0	●	●
700	711x4	1070	156,0	●	●
	711x5		195,0	●	●
800	812x4	1220	156,0	●	●
	812x5		195,0	●	●

CURVA A SALDARE METRICA 90° R=1,5 D **AISI304L / AISI 316L**
BUTT WELD ELBOW METRIC **EN 1.4307 - 1.4404**

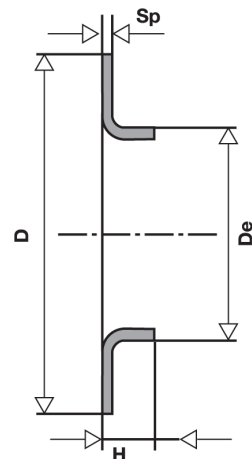


DN	dexs	R	kg/m	stock	
				a304	a316
15	18x1,5	23	0,02		
	20x2	25	0,04		
20	23x1,5	25	0,03		
	25x2	27,5	0,05		●
25	28x1,5	32,5	0,05		
	30x2	33,5	0,07		●
32	35x1,5	45	0,08		
	35x2		0,11		
	38x1,5	45	0,09		
	38x2		0,12		
40	43x1,5	47,5	0,11		
	44,5x2		0,16		
50	53x1,5	70	0,22		
	54x2		0,287	●	●
65	70x2	92	0,47	●	●
80	84x2	120	0,90	●	●
	86x3		1,40		●
100	104x2	150	1,20	●	●
	106x3		1,80		●
125	129x2	188	2,00	●	●
	131x3		3,00		●
150	154x2	225	2,60	●	●
	156x3		3,90	●	●

DN	dexs	R	kg/m	stock	
				a304	a316
200	204x2	300	4,80	●	●
	205x2,5		6,00		
	206x3		7,30	●	●
250	254x2	375	7,40		
	255x2,5		9,20	●	●
	256x3		11,0	●	●
300	304x2	450	10,70		
	305x2,5		16,50	●	●
	306x3		22,0	●	●
350	354x2	525	14,7		
	355x2,5		18,45		
	356x3		22,50	●	●
400	406x3	600	29,0	●	●
	408x4		38,0	●	●
450	456x3	675	37,0	●	●
	458x4		49,0	●	●
500	506x3	750	45,0	●	●
	508x4		60,0	●	●

CARTELLA A SALDARE ISO WELDING COLLARS ISO

AISI304L / AISI 316L
EN 1.4307 - 1.4404

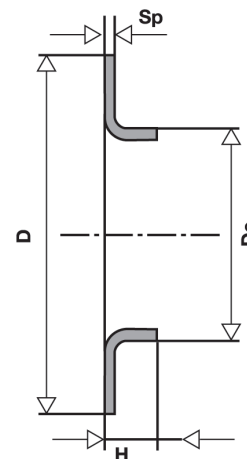


DN	DexSp	D	H	kg/pz	stock	
					a304	a316
10	17,2x2	43	5	0,02	●	●
15	21,3x2	43	5	0,03	●	●
	21,3x3	43	5	0,04	●	●
20	26,9x2	58	6	0,04	●	●
	26,9x3	58	6	0,07	●	●
25	33,7x2	68	6	0,06	●	●
	33,7x3	68	6	0,09	●	●
32	42,4x2	78	8	0,07	●	●
	42,4x3	78	8	0,11	●	●
40	48,3x2	88	8	0,09	●	●
	48,3x3	88	8	0,14	●	●
50	60,3x2	102	10	0,12	●	●
	60,3x3	102	10	0,18	●	●
65	76,1x2	122	10	0,15	●	●
	76,1x3	122	10	0,23	●	●
80	88,9x2	138	10	0,20	●	●
	88,9x3	138	10	0,29	●	●
100	114,3x2	158	12	0,23	●	●
	114,3x3	158	12	0,35	●	●
125	139,7x2	188	15	0,30	●	●
	139,7x3	188	15	0,46	●	●
	139,7x4	188	15	0,61	●	●
150	168,3x2	212	15	0,35	●	●
	168,3x3	212	15	0,54	●	●
	168,3x4	212	15	0,72	●	●
200	219,1x2	268	18	0,52	●	●
	219,1x3	268	18	0,79	●	●
	219,1x4	268	18	1,05	●	●
250	273x2	320	18	0,92	●	●
	273x3	320	40	1,40	●	●
	273x4	320	40	1,86	●	●
300	323,9x2	370	18	1,08	●	●
	323,9x3	370	40	1,64	●	●
	323,9x4	370	40	3,02	●	●

DN	DexSp	D	H	kg/pz	stock	
					a304	a316
350	355,6x3	430	40	2,24	●	●
	355,6x4	430	40	3,02	●	●
400	406,4x3	482	45	2,72	●	●
	406,4x4	482	45	3,67	●	●
450	457,2x3	532	45	3,04	●	●
	457,2x4	532	45	4,10	●	●
500	508x3	585	50	3,60	●	●
	508x4	585	50	4,85	●	●
600	609,6x3	685	50	4,26	●	●
	609,6x4	685	50	5,74	●	●
700	711,2x3	800	50	5,36	●	●
	711,2x4	800	50	7,21	●	●
	711,2x5	800	50	9,01	●	●
800	812,8x4	905	60	9,18	●	●
	812,8x5	905	60	11,4	●	●
	812,8x6	905	60	13,9	●	●
900	914,4x4	1005	60	10,2	●	●
	914,4x5	1005	60	12,75	●	●
	914,4x6	1005	60	15,6	●	●

CARTELLA A SALDARE METRICA
WELDING COLLARS METRIC

AISI304L / AISI 316L
EN 1.4307 - 1.4404



DN	DexSp	D	H	kg/pz	stock	
					a304	a316
10	16x2	43	5	0,02		
15	20x2	43	5	0,03		
20	25x2	58	6	0,04		
25	28x2	68	6	0,08		
	30x2	68	8	0,08		
32	38x2	78	8	0,11		
40	40x2	88	8	0,11		
50	54x2	102	10	0,12	●	●
65	70x2	122	10	0,16	●	●
80	84x2	138	12	0,19	●	●
100	104x2	158	12	0,24	●	●
	106x3	158	13	0,35		
125	129x2	188	15	0,32	●	●
	131x3	188	16	0,47		
150	154x2	212	18	0,38	●	●
	156x3	212	19	0,56	●	●
200	204x2	268	20	0,54	●	●
	206x3	268	21	0,80	●	●
250	254x2	320	24	0,94		
	256x3	320	40	1,6	●	●
300	304x2	370	24	1,12		
	306x3	370	40	1,70	●	●
	308x4	370	40	2,19	●	●
350	354x2	430	24	1,35		
	356x3	430	40	2,24	●	●
	358x4	430	40	3,02	●	●
400	406x3	482	45	2,72	●	●
	408x4	482	45	3,67	●	●
450	456x3	532	45	3,04	●	●
	458x4	532	45	4,10	●	●
500	506x3	585	50	3,60	●	●
	508x4	585	50	4,85	●	●

CARTELLA A BORDO ALTO
WELDING COLLARS LONG NECK

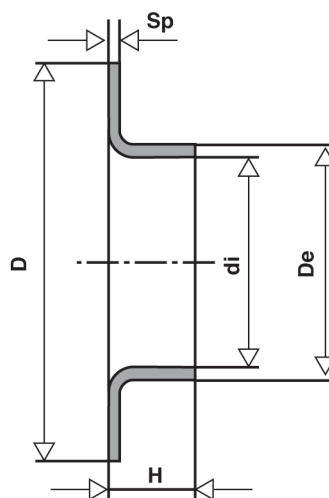
AISI304L / AISI 316L
EN 1.4307 - 1.4404

DN ISO
ISO SIZE

De	D	H	sp
48,3	88	25	3
60,3	102	25	3
76,1	122	25	3
88,9	138	29	3
114,3	158	33	3
139,7	188	36	3
168,3	212	37	3
219,1	268	41	3

DN metrico
metric size

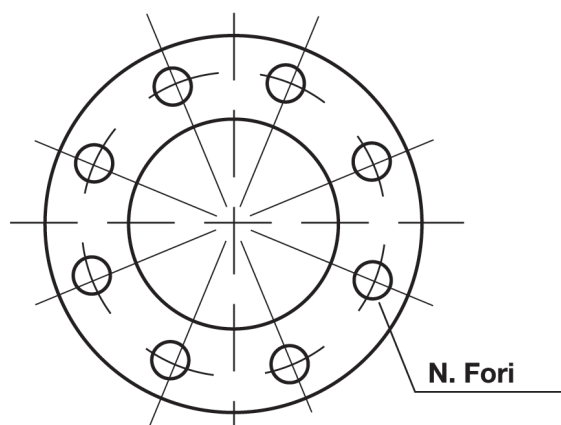
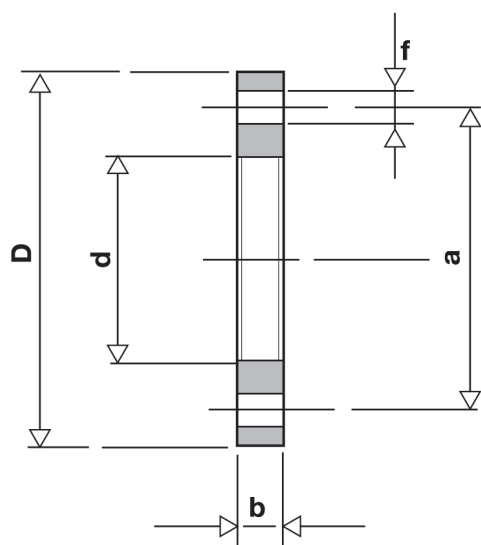
Di	D	H	sp
50	102	25	3
65	122	25	2,5
80	138	29	3
100	158	36	3
125	188	39	3
150	212	39	3
200	268	41	3



FLANGE IN ALLUMINIO

ALUMINIUM FLANGES

dimensioni metriche ed ISO
metric and ISO sizes



Dimensioni secondo
Dimensions according

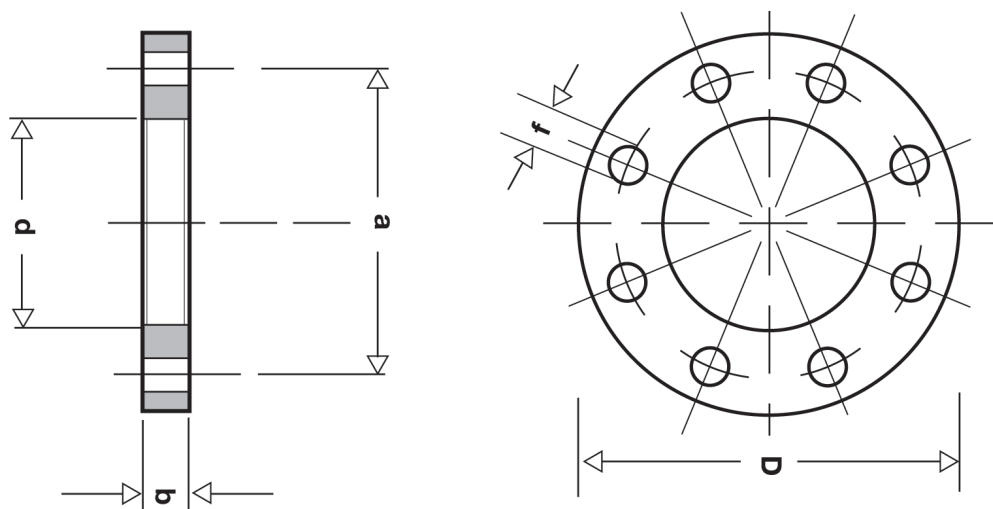
UNI 2223-67 DIN 2642 PN10

DN	Flangia/Flange				Fori/Holes			Peso/Weight	
	D	d (metrico)	d (ISO)	b	nr	f	a	kg (metrico)	
15	95	24	24	12	4	14	65	0,19	
20	105	30	30	12	4	14	75	0,22	
25	115	33	36	12	4	14	85	0,27	
32	140	42	46	16	4	18	100	0,54	
40	150	48	54	16	4	18	110	0,61	
50	165	60	65	16	4	18	125	0,73	
65	185	75	81	16	4	18	145	0,90	
80	200	90	94	18	8	18	160	1,08	
100	220	111	119	18	8	18	180	1,23	
125	250	136	144	18	8	18	210	1,52	
150	285	161	173	18	8	22	240	1,90	
200	340	212	225	20	8	22	295	2,71	
250	395	264	279	22	12	22	350	3,70	
300	445	315	329	22	12	22	400	4,25	
350	505	362	362	22	16	22	460	5,25	
400	565	413	413	25	16	25	515	7,20	
450	615	465	466	25	20	25	565	7,60	
500	670	517	517	28	20	25	620	9,60	
600	780	620	620	30	20	30	725	12,75	
700	895	721	721	40	24	30	840	17,00	
800	1015	824	824	40	24	33	950	25,60	
900	1115	930	930	44	28	33	1050	29,00	
1000	1230	1030	1030	44	28	33	1160	36,40	

FLANGE PIANE A SALDARE FORGIATE
FORGED WELDING FLAT FLANGES

AISI304L / AISI 316L
EN 1.4307 - 1.4404

EN 1092-1/01A PN 6



EN 1092 - 1/01A PN 6

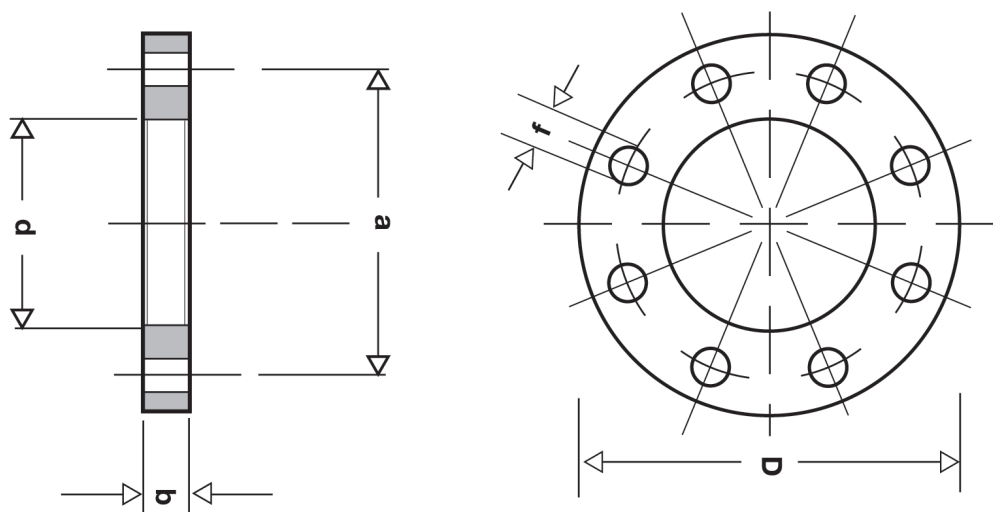
DN	d	D	b	a	f	N. fori/holes	Vite	kg
15	22	80	12	55	11	4	M10	0,40
20	27,5	90	14	65	11	4	M10	0,59
25	34,5	100	14	75	11	4	M10	0,71
32	43,5	110	16	90	14	4	M12	1,16
40	49,5	130	16	100	14	4	M12	1,35
50	61,5	140	16	110	14	4	M12	1,48
65	77,5	160	16	130	14	4	M12	1,86
80	90,5	190	18	150	18	4	M16	2,95
100	116	210	18	170	18	4	M16	3,26
125	141,5	240	20	200	18	8	M16	4,31
150	170,5	265	20	225	18	8	M16	4,76
200	221,5	320	22	280	18	8	M16	6,88
250	276,5	375	24	335	18	12	M16	8,92
300	327,5	440	24	395	22	12	M20	11,90
350	359,5	490	26	445	22	12	M20	16,80
400	411	540	28	495	22	16	M20	19,80
450	462	595	30	550	22	16	M20	24,60
500	513,5	645	30	600	22	20	M20	26,40
600	616,5	755	32	705	26	20	M24	34,80
700	715	860	40	810	26	24	M27	47,90
800	817	975	44	920	30	24	M27	62,90

MARCATURA SECONDO EN1092-1:2007
MARKING ACCORDING TO EN1092-1:2007

FLANGE PIANE A SALDARE FORGIATE
FORGED WELDING FLAT FLANGES

AISI304L / AISI 316L
EN 1.4307 - 1.4404

EN 1092-1/01A PN 10



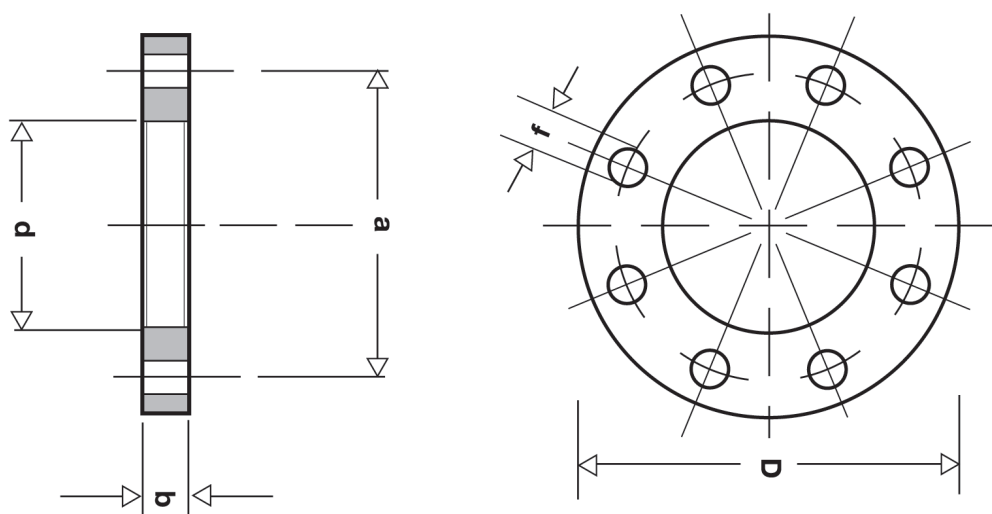
EN 1092 - 1/01A PN 10									
DN	PN	d	D	b	a	f	N. fori/holes	Vite	kg
15	PN10=16=25=40	22	95	14	65	14	4	M12	0,70
20		27,5	105	16	75	14	4	M12	1,00
25		34,5	115	16	85	14	4	M12	1,10
32		43,5	140	18	100	18	4	M16	1,80
40		49,5	150	18	110	18	4	M16	2,10
50		61,5	165	20	125	18	4	M16	2,60
65	PN10=16	77,5	185	20	145	18	4 / 8	M16	3,30
80		90,5	200	20	160	18	4 / 8	M16	3,60
100		116	220	22	180	18	8	M16	4,40
125		141,5	250	22	210	18	8	M16	5,40
150		170,5	285	24	240	22	8	M20	7,20
200		221,5	340	24	295	22	8	M20	9,30
250	PN10	276,5	395	26	350	22	12	M20	12,00
300		327,5	445	26	400	22	12	M20	13,80
350		359,5	505	30	460	22	16	M20	20,60
400		411	565	32	515	26	16	M24	28,00
450		462	615	36	565	26	20	M24	33,50
500		513,5	670	38	620	26	20	M24	41,00
600		616,5	780	42	725	30	20	M27	54,50
700		715	895	50	840	30	24	M27	65,0
800		817	1015	56	950	33	24	M30	M3488,0
900		917	1150	62	1050	33	28	M30	100,0
1000		1019	1230	70	1160	36	28		128,0

MARCATURA SECONDO EN1092-1:2007
 MARKING ACCORDING TO EN1092-1:2007

FLANGE PIANE A SALDARE FORGIATE
FORGED WELDING FLAT FLANGES

AISI304L / AISI 316L
EN 1.4307 - 1.4404

EN 1092-1/01A PN 16



EN 1092 - 1/01A PN 16									
DN	PN	d	D	b	a	f	N. fori/holes	Vite	kg
15	PN10=16=25=40	22	95	14	65	14	4	M12	0,70
20		27,5	105	16	75	14	4	M12	1,00
25		34,5	115	16	85	14	4	M12	1,10
32		43,5	140	18	100	18	4	M16	1,80
40		49,5	150	18	110	18	4	M16	2,10
50		61,5	165	20	125	18	4	M16	2,60
65	PN10=16	77,5	185	20	145	18	4 / 8	M16	3,30
80		90,5	200	20	160	18	4 / 8	M16	3,60
100		116	220	22	180	18	8	M16	4,40
125		141,5	250	22	210	18	8	M16	5,40
150	PN16	170,5	285	24	240	22	8	M20	7,20
200		221,5	340	26	295	22	12	M20	9,8
250		276,5	405	29	355	26	12	M24	14,5
300		327,5	460	32	410	26	12	M24	19,3
350		359,5	520	35	470	26	16	M24	28,5
400		411	580	38	525	30	16	M27	36,20
450		462	640	42	585	30	20	M27	43,00
500		513,5	715	46	650	33	20	M30	52,00
600		616,5	840	55	770	36	20		72,00
700		715	910	63	840	36	24		90,00
800		817	1025	74	950	39	24		117,0
900		917	1125	82	1050	39	28		130,0
1000		1019	1225	90	1170	42	28		165,0

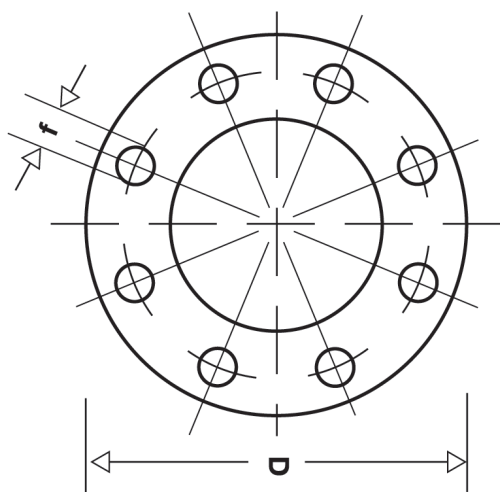
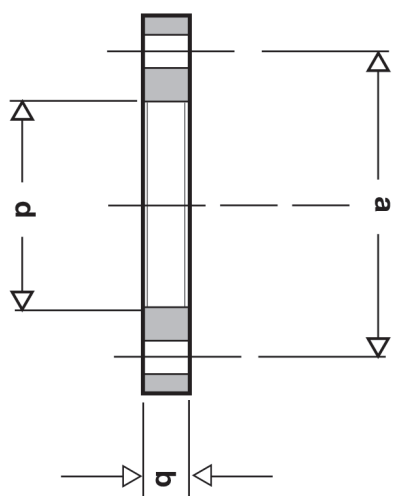
MARCATURA SECONDO EN1092-1:2007
 MARKING ACCORDING TO EN1092-1:2007

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FLANGE PIANE A SALDARE FORGIATE
FORGED WELDING FLAT FLANGES

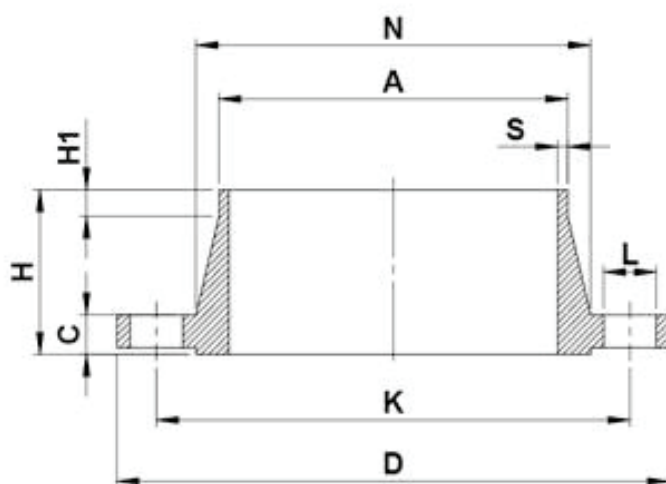
AISI304L / AISI 316L
EN 1.4307 - 1.4404

EN 1092-1/01A PN 25 / PN 40



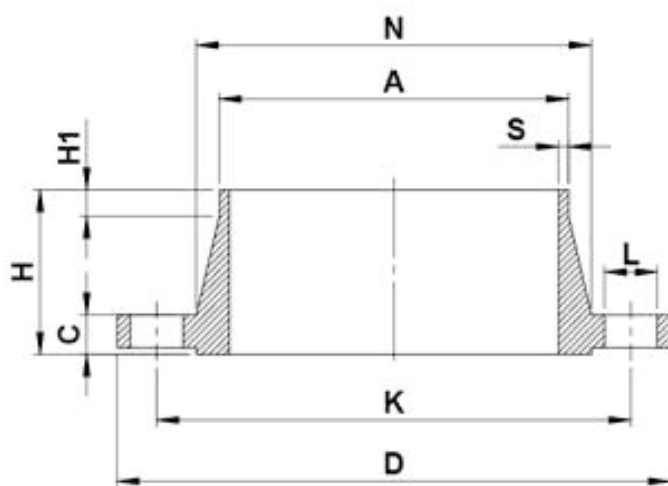
EN 1092 - 1/01A PN 25 / PN 40									
DN	PN	d	D	b	a	f	N. fori/holes	Vite	kg
15	PN10=16=25=40	22	95	14	65	14	4	M12	0,70
20		27,5	105	16	75	14	4	M12	1,00
25		34,5	115	16	85	14	4	M12	1,10
32		43,5	140	18	100	18	4	M16	1,80
40		49,5	150	18	110	18	4	M16	2,10
50	PN25=40	61,5	165	20	125	18	4	M16	2,73
65		77,5	185	22	145	18	8	M16	3,48
80		90,5	200	24	160	18	8	M16	4,32
100		116	235	26	190	22	8	M20	6,07
125		141,5	270	28	222	26	8	M24	8,19
150	PN25	170,5	300	30	250	26	8	M24	10,30
200		221,5	360	32	310	26	12	M24	14,50
250		276,5	425	35	370	30	12	M27	20,0
300	PN40	327,5	485	38	430	30	16	M27	26,50
200		359,5	375	36	320	30	12	M27	17,90
250		411	450	42	385	33	12	M30	29,30
300		462	515	52	450	33	16	M30	45,10

MARCATURA SECONDO EN1092-1:2007
MARKING ACCORDING TO EN1092-1:2007



EN 1092 - 1/11 B PN 16

DN	PN	A	D	C	K	H	L	N. fori/holes	Vite
15	PN10=16=25=40	21,3	95	16	65	38	14	4	M12
20		26,9	105	18	75	40	14	4	M12
25		33,7	115	18	85	40	14	4	M12
32		42,4	140	18	100	42	18	4	M16
40		48,3	150	18	110	45	18	4	M16
50		60,3	165	18	125	45	18	4	M16
65	PN10=16	76,1	185	18	145	45	18	8	M16
80		88,9	200	20	160	50	18	8	M16
100		114,3	220	20	180	52	18	8	M16
125		139,7	250	22	210	55	18	8	M16
150	PN16	168,3	285	22	240	55	22	8	M20
200		219,1	340	24	295	62	22	12	M20
250		273	405	26	355	70	26	12	M24
300		323,9	460	28	410	78	26	12	M24



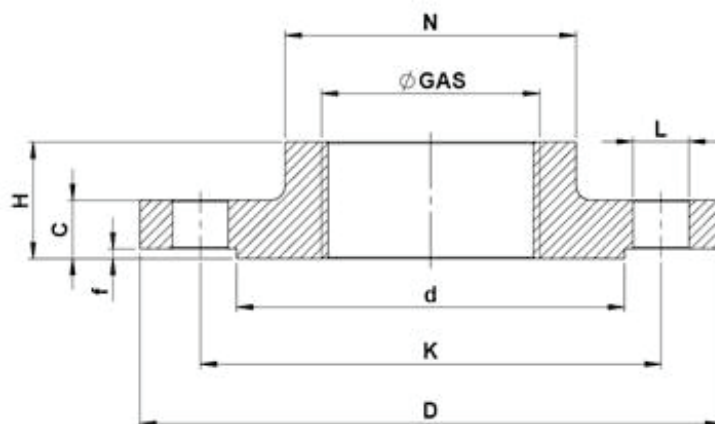
EN 1092 - 1/11 B PN 40

DN	PN	A	D	C	K	H	L	N. fori/holes	Vite
15	PN10=16=25=40	21,3	95	16	65	38	14	4	M12
20		26,9	105	18	75	40	14	4	M12
25		33,7	115	18	85	40	14	4	M12
32		42,4	140	18	100	42	18	4	M16
40		48,3	150	18	110	45	18	4	M16
50		60,3	165	20	125	48	18	4	M16
65	PN=40	76,1	185	22	145	52	18	8	M16
80		88,9	200	24	160	58	18	8	M16
100		114,3	235	24	190	65	22	8	M20
125		139,7	270	26	220	68	26	8	M24
150		168,3	300	28	250	75	26	8	M24
200		219,1	375	34	320	88	30	12	M27
250		273	450	38	385	105	33	12	M30
300		323,9	515	42	450	115	33	16	M30

FLANGE FILETTATA FORGIATE
FORGED THREADED FLANGES

AISI304L / AISI 316L
EN 1.4307 - 1.4404

EN 1092-1/13 B



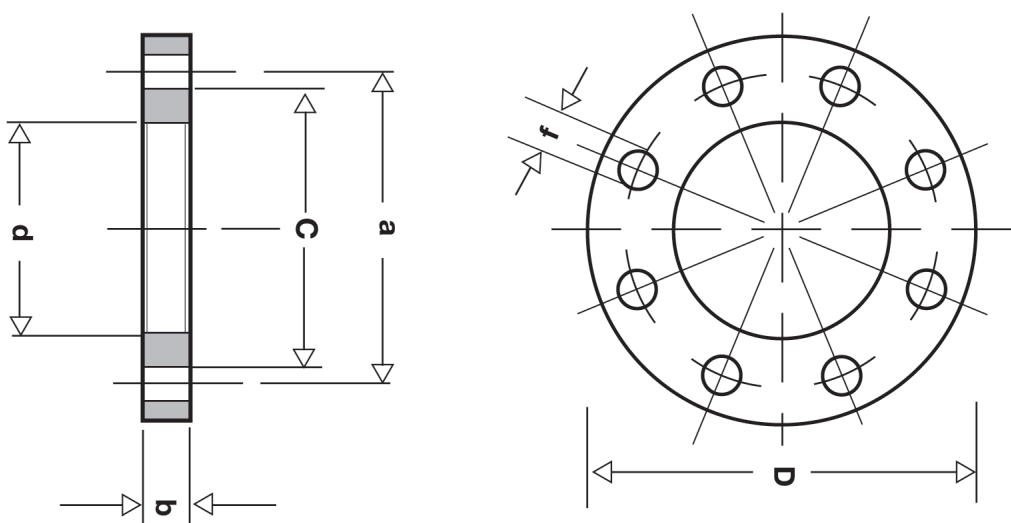
EN 1092 - 1/13 B									
DN	PN	D Gas	D	C	H	K	N	L	N. fori/holes
15	40	1/2"	95	16	22	65	35	14	4
20	40	3/4"	105	18	26	75	45	14	4
25	40	1"	115	18	28	85	52	14	4
32	40	1"1/4	140	18	30	100	60	18	4
40	40	1"1/2	150	18	32	110	70	18	4
50	16	2"	165	18	28	125	84	18	4
65	16	2"1/2	185	18	32	145	104	18	4
80	16	3"	200	20	34	160	118	18	4
100	16	4"	220	20	40	180	140	18	4

MARCATURA SECONDO EN1092-1:2007
MARKING ACCORDING TO EN1092-1:2007

FLANGE PIANE A SALDARE MICROFUSE
CASTED WELDING FLAT FLANGES

AISI304 / AISI 316
EN 1.4301 - 1.4401

Dimensioni in accordo alla UNI 2276 PN 6



UNI 2276 PN 6							
DN	d	D	b	a	f	N. fori/holes	kg
15	22	80	12	55	11	4	0,40
20	27,5	90	14	65	11	4	0,59
25	34,5	100	14	75	11	4	0,71
32	43,5	110	16	90	14	4	1,16
40	49,5	130	16	100	14	4	1,35
50	61,5	140	16	110	14	4	1,48
65	77,5	160	16	130	14	4	1,86
80	90,5	190	18	150	18	4	2,95
100	116	210	18	170	18	4	3,26
125	141,5	240	20	200	18	8	4,31
150	170,5	265	20	225	18	8	4,76
200	221,5	320	22	280	18	8	6,88
250	276,5	375	24	335	18	12	8,92
300	327,5	440	24	395	22	12	11,90
350	359,5	490	26	445	22	12	16,80
400	411	540	28	495	22	16	19,80
450	462	595	30	550	22	16	24,60
500	513,5	645	30	600	22	20	26,40
600	616,5	755	32	705	26	20	34,80

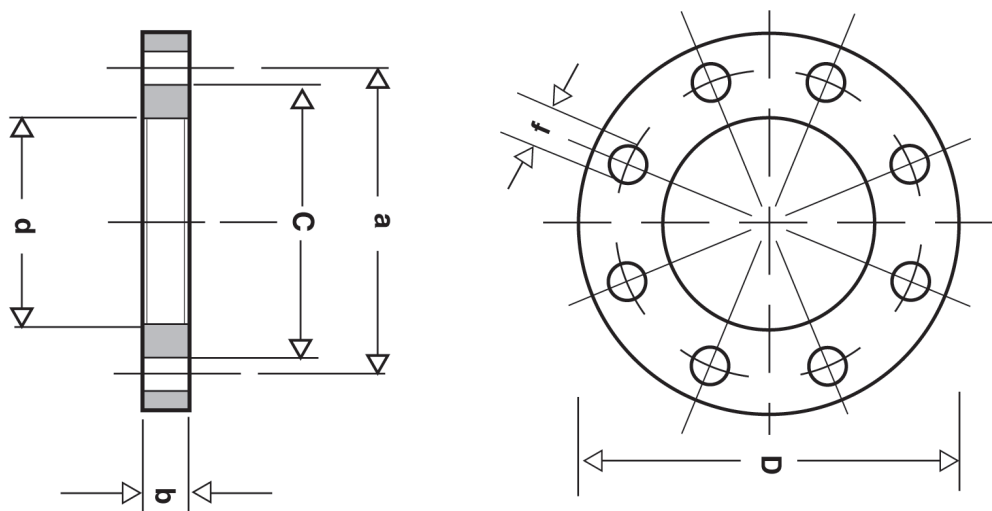
MATERIALE NON IDONEO A LAVORAZIONE MECCANICA
MATERIAL NOT SUITABLE FOR MECHANICAL MACHINING

ACCOPPIABILI CON FLANGE EN1092-1:2007
JOINTABLE WITH EN1092-1:2007 FLANGES

FLANGE PIANE A SALDARE MICROFUSE
CASTED WELDING FLAT FLANGES

AISI304 / AISI 316
EN 1.4301 - 1.4401

Dimensioni in accordo alla UNI 2277 PN 10



UNI 2277 PN10								
DN	PN	d	D	b	a	f	N. fori/holes	kg
15	PN10=16	22	95	12	65	14	4	0,60
20		27,5	105	14	75	14	4	0,88
25		34,5	115	14	85	14	4	0,96
32		43,5	140	16	100	18	4	1,60
40		49,5	150	16	110	18	4	1,87
50		61,5	165	18	125	18	4	2,34
65		77,5	185	18	145	18	4 / 8	2,97
80		90,5	200	20	160	18	4 / 8	3,60
100		116	220	20	180	18	8	4,00
125		141,5	250	22	210	18	8	5,40
150	PN10	170,5	285	22	240	22	8	6,60
200		221,5	340	24	295	22	8	9,30
250		276,5	395	26	350	22	12	12,00
300		327,5	445	26	400	22	12	13,80
350		359,5	505	28	460	22	16	19,23
400		411	565	32	515	26	16	28,00
450		462	615	32	565	26	20	29,78
500		513,5	670	34	620	26	20	36,68
600		616,5	780	36	725	30	20	46,71

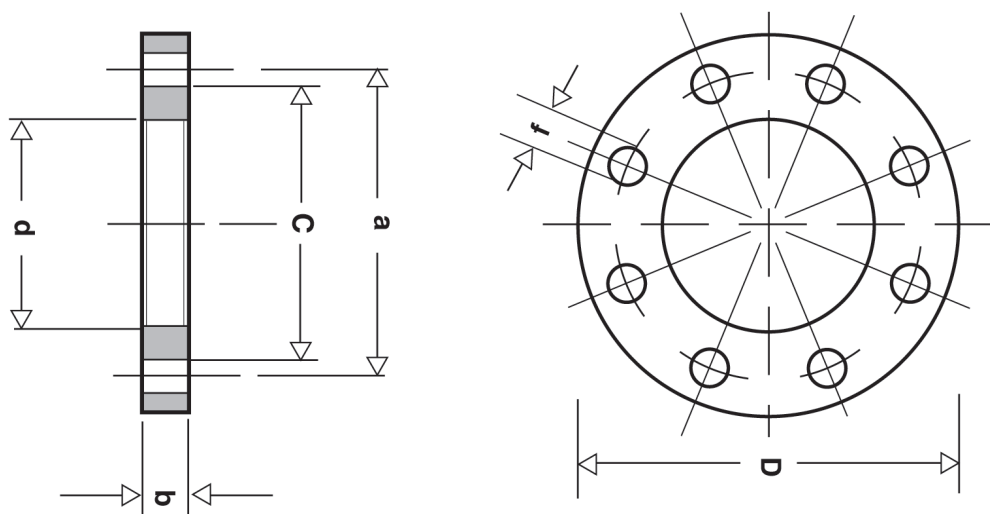
MATERIALE NON IDONEO A LAVORAZIONE MECCANICA
MATERIAL NOT SUITABLE FOR MECHANICAL MACHINING

ACCOPIABILI CON FLANGE EN1092-1:2007
JOINTABLE WITH EN1092-1:2007 FLANGES

FLANGE PIANE A SALDARE MICROFUSE
CASTED WELDING FLAT FLANGES

AISI304 / AISI 316
EN 1.4301 - 1.4401

Dimensioni in accordo alla UNI 2278 PN 16



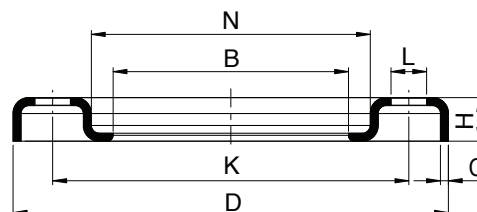
UNI 2278 PN 16								
DN	PN	d	D	b	a	f	N. fori/holes	kg
15	PN10=16	22	95	12	65	14	4	0,60
20		27,5	105	14	75	14	4	0,88
25		34,5	115	14	85	14	4	0,96
32		43,5	140	16	100	18	4	1,60
40		49,5	150	16	110	18	4	1,87
50		61,5	165	18	125	18	4	2,34
65		77,5	185	18	145	18	4 / 8	2,97
80		90,5	200	20	160	18	4 / 8	3,60
100		116	220	20	180	18	8	4,00
125		141,5	250	22	210	18	8	5,40
150	PN16	170,5	285	22	240	22	8	6,60
200		221,5	340	26	295	22	12	9,80
250		276,5	405	29	355	26	12	14,50
300		327,5	460	32	410	26	12	19,30
350		359,5	520	35	470	26	16	28,50
400		411	580	38	525	30	16	36,20
450		462	640	42	585	30	20	43,00
500		513,5	715	44	650	33	20	49,74
600		616,5	840	48	770	36	20	62,84

MATERIALE NON IDONEO A LAVORAZIONE MECCANICA
MATERIAL NOT SUITABLE FOR MECHANICAL MACHINING

ACCOPPIABILI CON FLANGE EN1092-1:2007
JOINTABLE WITH EN1092-1:2007 FLANGES

FLANGE STAMPATE ISO
PRESSED FLANGES ISO

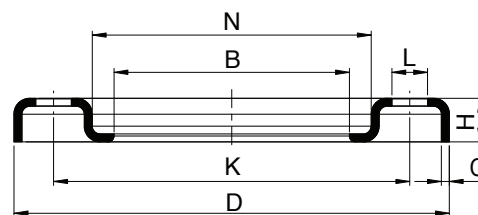
AISI304L / AISI 316L
EN 1.4307 - 1.4404



DN	PN	Ø ISO	D	K	L	N fori	B	C	H
15	16	21.3	95	65	13,5	4	24	3	14
20	16	26.9	105	75	13,5	4	30	3	14
25	16	33.7	115	85	13,5	4	37	3	14
32	16	42.4	140	100	18	4	46	3	15
40	10	48.3	150	110	18	4	54	3	16
	16	48,3	150	110	18	4	54	4	
50	10	60.3	165	125	18	4	65	3	18
	16	60,3	165	125	18	4	65	4	18
65	10	76.1	185	145	18	4	81	3	20
	16	76.1	185	145	18	4	81	4	20
80	16	88.9	200	160	18	8	94	4	20
100	16	114.3	220	180	18	8	119	4	21
125	16	139.7	250	210	18	8	145	5	21
150	16	168.3	285	240	22	8	173	5	22
200	10	219.1	340	295	22	8	225	6	26
	16	219.1	340	295	22	12	225	6	26
250	10	273.0	395	350	22	12	279	6	28
300	10	323.9	445	400	22	12	329	6	31
350	10	355.6	505	460	22	16	362	8	34
400	10	406.4	565	515	26	16	413	8	36

FLANGE STAMPATE METRICHE
PRESSED FLANGES METRIC

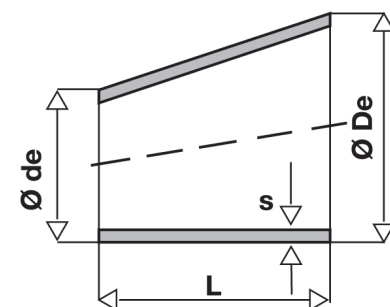
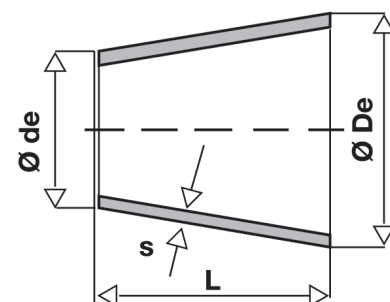
AISI304L / AISI 316L
EN 1.4307 - 1.4404



DN	PN	Ø MET	D	K	L	N fori	B	C	H
40	10	43	150	110	18	4	48	3	17,5
	16	43	150	110	18	4	48	4	
50	10	54	165	125	18	4	65	3	18
	16	54	165	125	18	4	65	4	18
65	10	73	185	145	18	4	78	3	21,5
	16	73	185	145	18	4	78	4	21,5
80	16	84	200	160	18	8	90	4	21,5
100	16	104	220	180	18	8	110	4	22
125	16	129	250	210	18	8	135	5	22
150	16	154	285	240	22	8	160	5	22
200	10	204	340	295	22	8	212	6	28
	16	204	340	295	22	12	212	6	28
250	10	255	395	350	22	12	262	6	31
300	10	306	445	400	22	12	312	6	34

RIDUZIONI CONICHE A SALDARE
WELDING REDUCERS
concentriche/eccentriche
concentric/eccentric
DN ISO
ISO SIZE
AISI304L / AISI 316L
EN 1.4307 - 1.4404

De	de	L	s	2	2,5	3	4	6	kg/pc
29,6	21,3	38	0,05	0,06	0,08				
33,7	26,9	50	0,08	0,10	0,13				
33,7	21,3	50	0,07	0,09	0,11				
42,4	33,7	50	0,10	0,13	0,15				
42,4	26,9	50	0,09	0,12	0,14				
42,4	21,3	50	0,09	0,11	0,13				
48,3	42,4	64	0,15	0,19	0,23				
48,3	33,7	64	0,14	0,17	0,21				
48,3	26,9	64	0,13	0,16	0,20				
60,3	48,3	76	0,21	0,27	0,33				
60,3	42,4	76	0,20	0,26	0,31				
60,3	33,7	76	0,19	0,24	0,29				
60,3	26,9	76	0,17	0,22	0,27				
76,1	60,3	90	0,32	0,40	0,48				
76,1	48,3	90	0,29	0,37	0,44				
76,1	42,4	90	0,28	0,35	0,42				
76,1	33,7	90	0,26	0,32	0,39				
88,9	76,1	90	0,38	0,48	0,58				
88,9	60,3	90	0,35	0,44	0,53				
88,9	48,3	90	0,32	0,40	0,49				
88,9	42,4	90	0,31	0,39	0,47				
88,9	33,7	90	0,29	0,36	0,44				
114,3	88,9	100	0,52	0,65	0,79				
114,3	76,1	100	0,49	0,61	0,74				
114,3	60,3	100	0,45	0,56	0,68				
114,3	48,3	100	0,42	0,53	0,64				
139,7	114,3	127	0,82	1,03	1,24				
139,7	88,9	127	0,74	0,93	1,12				
139,7	76,1	127	0,70	0,93	1,06				
139,7	60,3	127	0,65	0,82	0,99				
168,3	139,3	140	1,10	1,38	1,66				
168,3	114,3	140	1,01	1,26	1,52				
168,3	88,9	140	0,92	1,15	1,39				
168,3	76,1	140	0,87	1,10	1,32				
219,1	168,3	152	1,49	1,87	2,25				
219,1	139,7	152	1,39	1,74	2,09				
219,1	114,3	152	1,29	1,62	1,94				
273	219,1	178	2,22	2,78	3,34				
273	168,3	178	1,99	2,49	3,00				
273	139,7	178	1,86	2,33	2,81				
323,9	273	203	3,06	3,84	4,61				
323,9	219,1	203	2,79	3,49	4,20				
323,9	168,3	203	2,53	3,17	3,81				
355,6	323,9	330		7,09	8,52				
355,6	273	330		6,57	7,89				
355,6	219,1	330		6,01	7,22				
406,4	355,6	355		8,55	10,27	13,73			
406,4	323,9	355		8,20	9,85	13,17			
406,4	273	355		7,63	9,17	12,26			
406,4	219,1	355		7,03	8,45	11,30			
457,2	323,9	381			11,30	15,10			
457,2	355,6	381			11,75	15,71			
457,2	406,4	381			12,48	16,68			
508	457,2	508			18,50	24,84			
508	406,4	508			17,65	23,54			
508	355,6	508			16,65	22,44			
609,6	508	508				28,73	43,24		
609,6	406,4	508				26,13	39,35		
609,6	457,2	508				27,43	41,30		
711,2	609,6	610				40,72	61,27		
711,2	508	610				37,61	56,60		
812,8	711,2	610				46,95	70,61		
812,8	609,6	610				43,84	65,94		

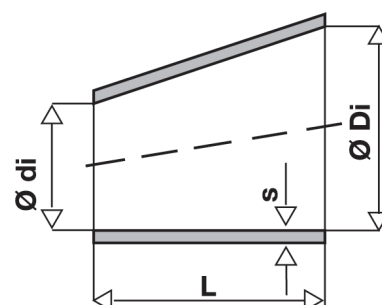
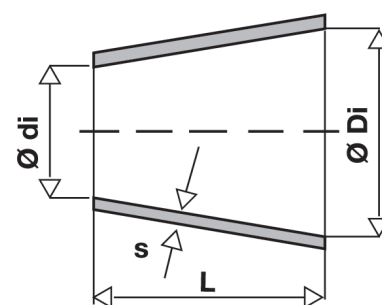


RIDUZIONI CONICHE A SALDARE concentriche/eccentriche
WELDING REDUCERS concentric/eccentric

AISI304L / AISI 316L
EN 1.4307 - 1.4404

dn metrico
metric size

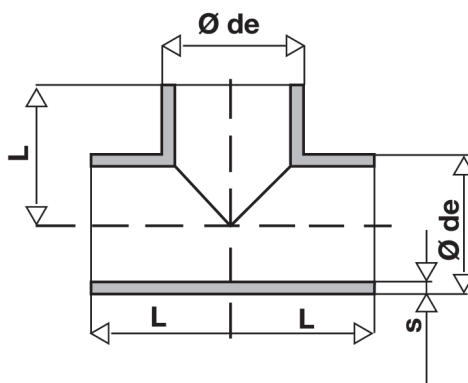
Di	di	L	s	2	2,5	3	4	6	kg/pc
40	25	40	0,069	0,088	0,107				
40	32	40	0,076	0,097	0,118				
50	25	50	0,099	0,126	0,153				
50	32	50	0,108	0,137	0,166				
50	40	50	0,118	0,149	0,181				
65	32	65	0,165	0,208	0,252				
65	40	65	0,178	0,225	0,272				
65	50	65	0,194	0,245	0,296				
80	40	80	0,249	0,314	0,380				
80	50	80	0,269	0,339	0,410				
80	65	80	0,299	0,377	0,455				
100	50	100	0,387	0,487	0,588				
100	65	100	0,425	0,534	0,644				
100	80	100	0,462	0,581	0,701				
125	65	125	0,609	0,765	0,923				
125	80	125	0,656	0,824	0,994				
125	100	125	0,719	0,903	1,088				
150	80	150	0,882	1,107	1,334				
150	100	150	0,957	1,201	1,447				
150	125	150	1,051	1,319	1,588				
200	100	200	1,527	1,915	2,306				
200	125	200	1,653	2,072	2,494				
200	150	200	1,778	2,229	2,683				
250	125	250	2,380	2,983	3,589				
250	150	250	2,537	3,179	3,825				
250	200	250	2,851	3,572	4,296				
300	150	300		4,286	5,155				
300	200	300		4,757	5,720				
300	250	300		5,228	6,285				
350	200	350		6,099	7,333				
350	250	350		6,649	7,992				
350	300	350		7,198	8,651				
400	200	400		7,599	9,134				
400	250	400		8,227	9,887				
400	300	400		8,855	10,641				
400	350	400		9,483	11,394				
450	250	450		9,962	11,971				
450	300	450		10,668	12,819				
450	350	450		11,375	13,667				
450	400	450		12,081	14,514				
500	300	500		12,639	15,185	20,297	30,60		
500	350	500		13,424	16,127	21,553	32,48		
500	400	500		14,209	17,069	22,809	34,36		
500	450	500			18,011	24,065	36,25		
600	350	600			21,316	28,878	43,50		
600	400	600			22,744	30,385	45,76		
600	450	600			23,874	31,892	48,08		
600	500	600			25,004	33,400	50,28		



RACCORDO A "T" A SALDARE
WELDING "T" PIECES

AIISI304L / AISI 316L
EN 1.4307 - 1.4404

DN ISO
ISO SIZE

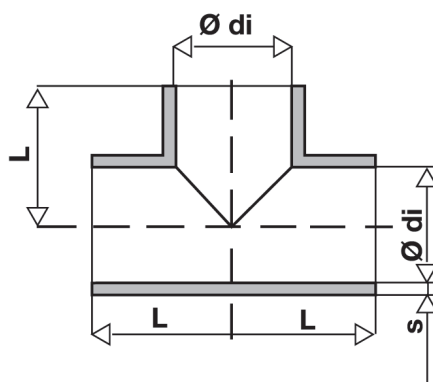


DN	Øde	L	s 2	2,5	3	4	6	kg/pc
10	17,2	50	0,07					
15	21,3	25	0,05	0,06	0,08			
20	26,9	29	0,08	0,10	0,11			
25	33,7	38	0,13	0,17	0,19			
32	42,4	48	0,22	0,27	0,32			
40	48,3	57	0,30	0,37	0,44			
50	60,3	64	0,42	0,52	0,62			
65	76,1	76	0,63	0,79	0,93			
80	88,9	86	0,84	1,04	1,24			
100	114,3	105	1,31	1,64	1,95			
125	139,7	124	1,9	2,37	2,82			
150	168,3	143	2,63	3,28	3,91			
200	219,1	178	4,25	5,30	6,34			
250	273	216	6,41	8,01	9,58	12,72		
300	323,9	254	8,95	11,17	13,37	17,77		
350	355,6	279	10,80	13,48	16,15	21,46		
400	406,4	305		16,74	20,07	26,68		
450	457,2	381		23,91	28,66	38,12		
500	508	762			43,45	57,89	86,36	
600	609,6	864			58,02	77,21	115,39	

RACCORDO A "T" A SALDARE WELDING "T" PIECES

AISI304L / AISI 316L
EN 1.4307 - 1.4404

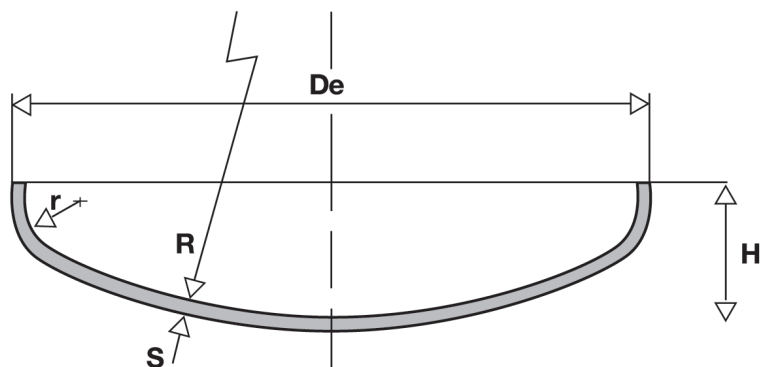
dn metrico
metric size



DN	Ødi	L	s	2	2,5	3	4	6	kg/p
50	50	50		0,30		0,45			
65	65	65		0,50		0,75			
80	80	80		0,75	0,94	1,14			
100	100	100		1,17	1,47	1,77			
125	125	125		1,82	2,28	2,75			
150	150	150		2,61	3,27	3,94			
200	200	200		4,63	5,80	6,97			
250	250	250		7,21	9,03	10,86			
300	300	300			12,99	15,61			
350	350	350			17,68	21,22			
400	400	400				27,68	37,00		
450	450	450				35,01	46,78		
500	500	500				43,19	57,70		
600	600	600					82,98	124,88	
700	700	700					112,83	169,73	

FONDI BOMBATI END CAPS

AISI304L / AISI 316L
EN 1.4307 - 1.4404



DE	H	s	R=DE	r=DE/10
17,2	13	3	17,2	1,72
21,3	15	3	21,3	2,13
26,9	11	3	26,9	2,69
33,7	13	3	33,7	3,37
42,4	17	3	42,4	4,24
46	16	3	46	4,6
48,3	17	3	48,3	4,83
56	17	3	56	5,6
60,3	21	3	60,3	6,03
71	21	3	71	7,1
76,1	27	3	76,1	7,61
86	21	3	86	8,6
88,9	28	3	88,9	8,89
106	24	3	106	10,6
114,3	31	3	114,3	11,43
131	34	3	131	13,1
139,7	35	3	139,7	13,97
156	41	3	156	15,6
168,3	42	3	168,3	16,83
206	50	3	206	20,6
219,1	50	3	219,1	21,91
256	55	3	256	25,6
273	60	3	273	27,3
306	75	3	306	30,6
323,9	72	3	323,9	32,39
355,6	84	3	355,6	35,56
406,4	90	3	406,4	40,64
508	120	3	508	50,8
609	140	3	609	60,9

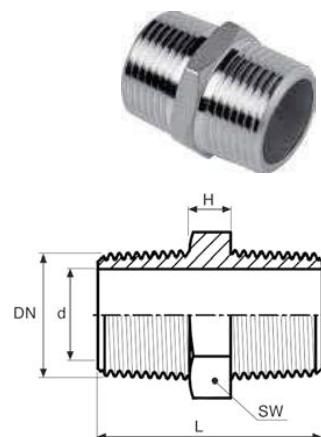
UNI ISO 7/1

DN	DN GAS	L mm	H mm	SW mm
6	1/8"	23,6	5,9	12
8	1/4"	27,8	5,8	16
10	3/8"	28	3,6	19
15	1/2"	34	4,3	21,6
20	3/4"	40	7	30
25	1"	46	6,9	36
32	1"1/4	52,5	9,5	46
40	1"1/2	54	9,7	50
50	2"	62	13,2	64,5
65	2"1/2	70	13	79,5
80	3"	78,4	15	90
100	4"	94	17,6	120

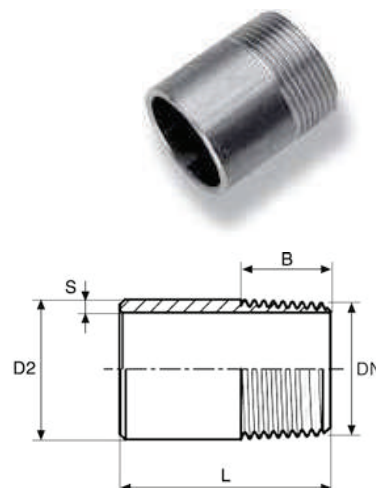
DN	DN GAS	L mm	D2 mm
6	1/8"	30	10,2
8	1/4"	30	13,7
10	3/8"	30	17,2
15	1/2"	35	21,3
20	3/4"	40	26,9
25	1"	40	33,7
32	1"1/4	50	42,4
40	1"1/2	50	48,3
50	2"	50	60,3
65	2"1/2	60	76,1
80	3"	70	88,9
100	4"	80	114,3
125	5"	60	139,7
150	6"	60	168,3

DN	DN GAS	L mm	D2 mm
6	1/8"	17	15
8	1/4"	25	18,5
10	3/8"	26	21,3
15	1/2"	34	26,6
20	3/4"	36	31,8
25	1"	43	39,5
32	1"1/4	48	48,3
40	1"1/2	48	54,5
50	2"	56	66,2
65	2"1/2	65	82
80	3"	71	95
100	4"	83	121,4
125	5"	80	150
150	6"	80	180

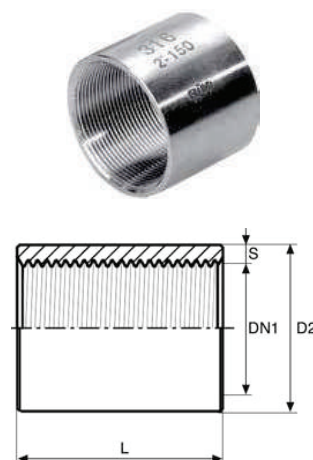
Nipplo esagonale
Exagonal nipple



Tronchetto
Welding nipple



Manicotto
Coupling



RACCORDERIA FILETTATA gas

THREADED FITTINGS

AISI304L / AISI 316L
EN 1.4307 - 1.4404

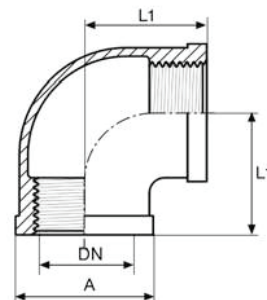
UNI ISO 7/1

DN	DN GAS	L1 mm	A mm
6	1/8"	19	17
8	1/4"	21	21,3
10	3/8"	21,3	23,5
15	1/2"	27	29
20	3/4"	33	36
25	1"	38	43
32	1"1/4	45	52
40	1"1/2	50	58
50	2"	57	71,5
65	2"1/2	69,7	87
80	3"	77	99,5
100	4"	98,2	126

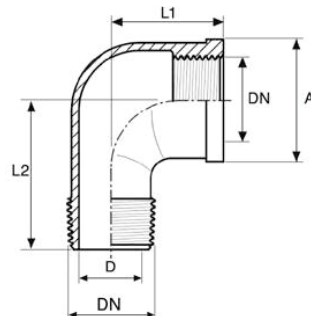
DN	DN GAS	L1 mm	L2 mm	A mm
6	1/8"	19	25	17
8	1/4"	21	28,3	21
10	3/8"	25	32	25
15	1/2"	28	42	29
20	3/4"	33	50,5	35
25	1"	38	52	43
32	1"1/4	45	60	52
40	1"1/2	50	65	58,8
50	2"	58	74	71,7
65	2"1/2	69	101	86,2
80	3"	77	114,5	100
100	4"	97	146,5	126,5

DN	DN GAS	L mm	A mm
6	1/8"	19	17
8	1/4"	21	21,3
10	3/8"	23,6	23,5
15	1/2"	28	30
20	3/4"	33	35
25	1"	38	43
32	1"1/4	45	52
40	1"1/2	50	58,5
50	2"	58	71,5
65	2"1/2	70	87
80	3"	78,5	100
100	4"	97	125

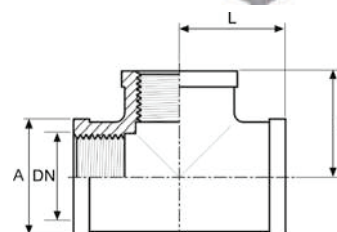
Gomito 90° FF
Elbow 90° MF



Gomito 90° MF
Elbow 90° MF



Tee
Tee



di marco
FORNITURE INDUSTRIALI

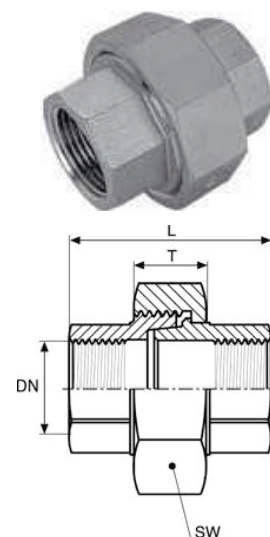
UNI ISO 7/1

DN	DN GAS	L mm	T mm	SW mm
6	1/8"	29	13,5	25
8	1/4"	37,5	13,5	30
10	3/8"	38	15,5	35
15	1/2"	42	17	42
20	3/4"	49	19	47
25	1"	48	20,5	53
32	1"1/4	59	23	71
40	1"1/2	65	26	77
50	2"	69	28,5	92
65	2"1/2	80	28,5	112
80	3"	88	30	126
100	4"	108	38	157

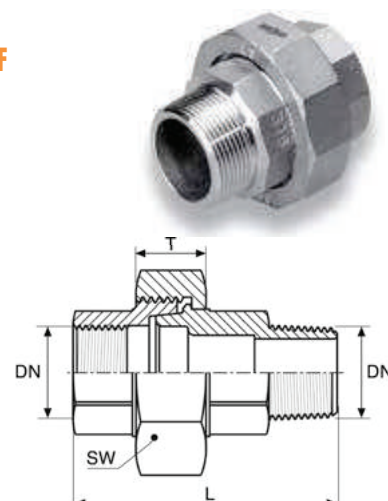
DN	DN GAS	L mm	T mm	SW mm
6	1/8"	40	13,5	25
8	1/4"	50	13,5	30
10	3/8"	50	15,5	35
15	1/2"	58	17	42
20	3/4"	67	19	47
25	1"	68,3	20,5	53
32	1"1/4	83	23	71
40	1"1/2	86,3	26	78
50	2"	94	28,5	92
65	2"1/2	113,3	28,5	112
80	3"	127	30	126
100	4"	154,5	38	157

DN	DN GAS	L mm	T mm	SW mm
6	1/8"	29	13,5	25
8	1/4"	37,5	13,5	30
10	3/8"	38	15,5	35
15	1/2"	42	17	42
20	3/4"	50,4	19	47
25	1"	48	20,5	53
32	1"1/4	59	23	71
40	1"1/2	65	26	78
50	2"	69	28,5	92
65	2"1/2	80	28,5	112
80	3"	88	30	127

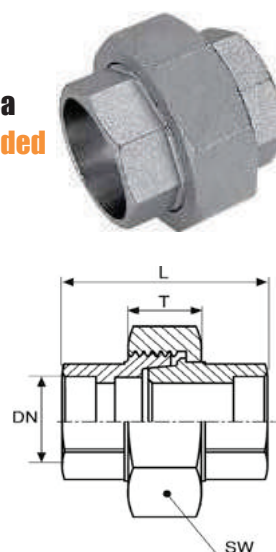
Giunto 3 pz FF
Union conical FF



Giunto 3 pz MF
Union conical MF



Giunto 3 pz saldare a tasca
Union conical socket welded

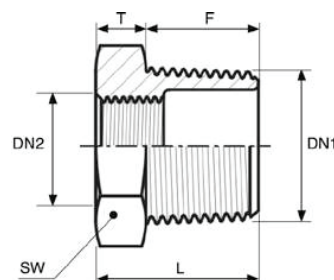


UNI ISO 7/1

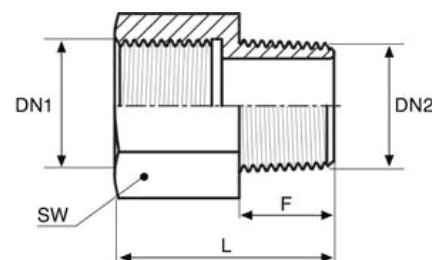
DN GAS 1	DN GAS 2	L mm	T mm	SW mm
1/4"	1/8"	15,2	4,4	16
3/8"	1/8"	16,5	4,1	18
3/8"	1/4"	16,5	4,6	18
1/2"	1/4"	21	5,4	26
1/2"	3/8"	21	5,6	26
3/4"	1/4"	24	6,4	30
3/4"	3/8"	24	6,6	30
3/4"	1/2"	24	6,5	30
1"	1/2"	27	7,3	35
1"	3/4"	27	7,3	35
1"1/4	1/2"	30	8,1	45
1"1/4	3/4"	30	8,1	45
1"1/4	1"	30	8,1	45
1"1/2	3/4"	38	12,2	52
1"1/2	1"	38	12,2	52
1"1/2	1"1/4	30	12,2	52
2"	1"	36	11,2	63
2"	1"1/4	36	11,2	63
2"	1"1/2	36	11,2	63
2"1/2	1"1/2	45	14,1	81
2"1/2	2"	45	14,1	81
3"	2"	47	14	95
3"	2"1/2	47	14	95
4"	2"1/2	52	12	120
4"	3"	52	12	120

DN GAS 1	DN GAS 2	L mm	F mm	SW mm
1/4"	1/8"	27	10,8	17
1/4"	1/4"	28,5	12	17
3/8"	1/4"	30,5	11,9	21
3/8"	3/8"	31	12,3	21
1/2"	3/8"	34,5	12,3	26
1/2"	1/2"	37,5	14,6	26
3/4"	1/2"	38,5	15,6	32
3/4"	3/4"	41	17,5	32
1"	3/4"	44	17,5	38
1"	1"	46	20,1	38
1"1/4	1"	47	20	50
1"1/4	1"1/4	49	22	50
1"1/2	1"1/4	50	22,3	54
1"1/2	1"1/2	51	23,5	54
2"	1"1/2	54	23,1	68
2"	2"	57	26,5	68

Riduzione M/F
Hexagonal bushing



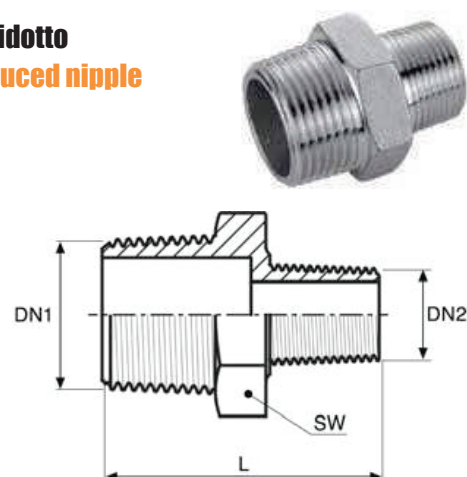
Prolunga F/M
Hex. bushing F/M



UNI ISO 7/1

DN GAS 1	DN GAS 2	L mm	SW mm
1/4"	1/8"	34	18
3/8"	1/8"	35	21
3/8"	1/4"	35,5	21
1/2"	1/4"	34	26
1/2"	3/8"	41	26
3/4"	1/4"	37	30
3/4"	3/8"	37	30
3/4"	1/2"	45	30
1"	1/2"	44,2	35
1"	3/4"	50	37
1"1/4	1/2"	48	46
1"1/4	3/4"	52	46
1"1/4	1"	54	46
1"1/2	3/4"	53	50
1"1/2	1"	53	50
1"1/2	1"1/4	59	51,5
2"	1"	57	63
2"	1"1/4	58	63
2"	1"1/2	65,4	64
2"1/2	1"1/2	66	80
2"1/2	2"	77	80
3"	2"	74	95
3"	2"1/2	84	92,5
4"	2"1/2	82	125
4"	3"	94	117,4

Nipplo ridotto
Hex. reduced nipple



DN GAS 1	DN GAS 2	A mm	B mm	L mm
1/4"	1/8"	21,5	19	26
3/8"	1/4"	26	21,5	29
1/2"	3/8"	29	22,4	34
3/4"	1/2"	37	28,1	37
1"	1/2"	43	29,4	42
1"	3/4"	43	32	42
1"1/4	3/4"	48	35	48
1"1/4	1"	52	39	52
1"1/2	1"	43,5	43,5	53
1"1/2	1"1/4	50	50	53
2"	1"	43	43	56
2"	1"1/4	52	52	56
2"	1"1/2	56,7	56,7	57

Manicotto ridotto
Reduction socket



RACCORDERIA FILETTATA gas

THREADED FITTINGS

UNI ISO 7/1

DN	DN GAS	D mm	L mm	SW mm
6	1/8"	10	35	14
8	1/4"	8	43	15
10	3/8"	10	49	19
15	1/2"	15	56,5	23
20	3/4"	20	60	28
25	1"	25	69	37
32	1 1/4"	32	73	45
40	1 1/2"	40	80	50
50	2"	50	88	62
65	2 1/2"	65	120	80
80	3"	80	110	92
100	4"	100	115	118

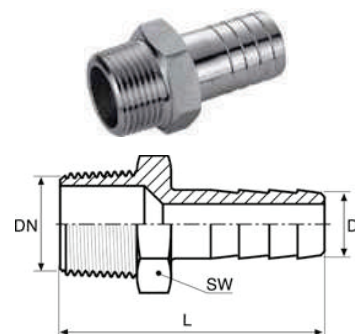
DN	DN GAS	L mm	T mm	SW mm
6	1/8"	17	8,5	12
8	1/4"	17,5	5	16
10	3/8"	18	6	20
15	1/2"	25	8,5	24
20	3/4"	26	8,5	30
25	1"	29	8,5	38
32	1 1/4"	35	8,5	46
40	1 1/2"	38	11,5	52
50	2"	39	11,5	65
65	2 1/2"	44	13,5	81
80	3"	54	13,5	94
100	4"	55	14,5	119

DN	DN GAS	L mm	T mm	SW mm
6	1/8"	14	3	15
8	1/4"	18	3	18
10	3/8"	19	3	21
15	1/2"	21	3	27
20	3/4"	24	4	30
25	1"	25	4	38
32	1 1/4"	28	4,5	50
40	1 1/2"	28	4,5	55
50	2"	34	4	70
65	2 1/2"	40	6,5	92
80	3"	45	6	109
100	4"	50	6	132

AISI304L / AISI 316L
EN 1.4307 - 1.4404

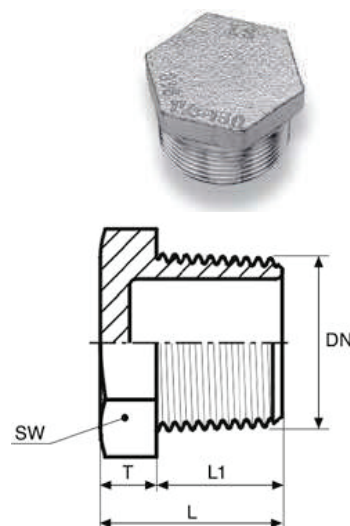
Portagomma M

Hose nipple



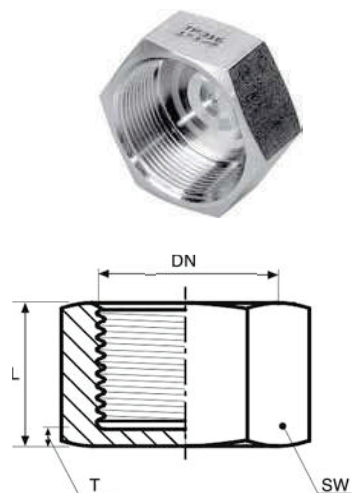
Tappo M

Hexagonal plug



Tappo F

Hexagonal cap

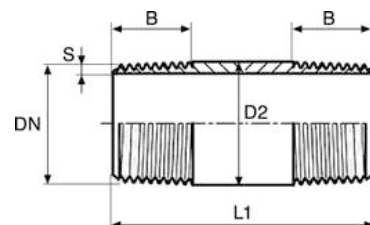


di marco
FORNITURE INDUSTRIALI

Barilotto
Barrel nipple



DN	DN GAS	L1 mm	B mm	S mm
6	1/8"	35	10	2
8	1/4"	40	10	2,3
10	3/8"	40	10	2,3
15	1/2"	60	13	2,6
20	3/4"	60	15	2,6
25	1"	60	17	3,2
32	1"1/4	80	19	3,2
40	1"1/2	80	19	3,2
50	2"	100	23	3,6
65	2"1/2	100	27	3,6
80	3"	120	30	4
100	4"	120	36	4,5



I raccordi filettati INOX sono usati per tipici impianti di trasporto acqua, aria, gas, olio e vapore.

La "Classe" di prodotto dei raccordi inox è 150 psi.

Il range di temperatura di utilizzo è -20 / +200 °C, mentre la pressione di esercizio è dipendente dalla temperatura secondo tabella seguente [dati ricavati dagli standards ISO 4144 e ANSI/MSS SP-114]

Threaded fittings are used for typical plants to transport water, air, gas, oil and steam.

The "class" product of stainless steel fittings is 150 psi.

The range of operating temperature is -20 / + 200 ° C while the pressure depend from temperature in according to the following table [data obtained from the standards ISO 4144 and ANSI / MSS SP-114].

T (°C)		P (BAR)
MIN	MAX	
-20	40	20
40	100	16,5
100	120	15
120	150	12
150	200	10

ACCOPIAMENTO A TENUTA SUL FILETTO

Norma EN 10226-1 [ex ISO 7/1]

Filettatura gas:

maschio conico [designazione R]

femmina cilindrica [designazione Rp]

COUPLING WITH SEAL ON THE THREAD

EN 10226-1 [ex ISO 7/1] standard

Gas thread:

conical male [designation R]

cylindrical female [designation Rp]

RACCORDI DIN 2353

Filettatura: GAS BSPP, GAS BSPT, NPT

AISI 316L

EN 1.4404



Terminale dritto



Terminale a gomito



Terminale a Tee

		DIMENSIONI			
L	PN 315	6	1/8"	6	1/8"
		6	1/4"	6	1/4"
		6	3/8"		
		8	1/8"	8	1/8"
		8	1/4"	8	1/4"
		8	3/8"	8	3/8"
		8	1/2"		
		10	1/8"		
		10	1/4"	10	1/4"
		10	3/8"		
		10	1/2"		
		12	1/4"		
		12	3/8"	12	3/8"
		12	1/2"		
		15	3/8"	15	3/8"
		15	1/2"	15	1/2"
		15	3/4"		
		18	3/8"	18	3/8"
		18	1/2"	18	1/2"
		18	3/4"		
		22	1/2"		
	PN 160	22	3/4"	22	3/4"
		22	1"		
		28	3/4"		
		28	1"	28	1"
		35	1"		
		35	1" 1/4	35	1" 1/4
S	PN 630	42	1" 1/2	42	1" 1/2
		6	1/4"	6	1/4"
		8	1/4"	8	1/4"
		8	3/8"	8	3/8"
		10	1/4"		
		10	3/8"	10	3/8"
		10	1/2"		
		12	3/8"	12	3/8"
		12	1/2"	12	1/2"
		14	3/8"		
		14	1/2"	14	1/2"
	PN 400	16	3/8"	16	3/8"
		16	1/2"	16	1/2"
		20	1/2"	20	1/2"
		20	3/4"	20	3/4"
		25	3/4"		
		25	1"	25	1"
	PN 250	30	1"	30	1"
		30	1" 1/4		
		38	1" 1/4	38	1" 1/4
		38	1" 1/2	38	1" 1/2

RACCORDI DIN 2353

Filettatura: GAS BSPP, GAS BSPT, NPT

AISI 316L

EN 1.4404



Intermedio dritto



Intermedio a gomito



Intermedio a Tee

DIMENSIONI			
L	PN 315	6	6
		8	8
		10	10
		12	12
		15	15
		18	18
	PN 160	22	22
		28	28
		35	35
		42	42
S	PN 630	6	6
		8	8
		10	10
		12	12
		14	14
	PN 400	16	16
		20	20
		25	25
	PN 250	30	30
		38	38

RACCORDI DIN 2353

Filettatura: GAS BSPP, GAS BSPT, NPT

AISI 316L
EN 1.4404



Passaparete



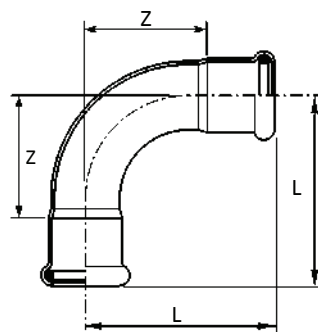
Intermedio ridotto

DIMENSIONI			
L	PN 315	6	
		8	8 6
		10	10 6
			10 8
		12	12 6
			12 8
			12 10
		15	15 10
			15 12
		18	18 10
			18 12
			18 15
	PN 160	22	22 12
			22 15
			22 18
		28	28 18
			28 22
		35	35 22
			35 28
		42	42 28
			42 35
S	PN 630	6	
		8	8 6
		10	10 6
			10 8
		12	12 6
			12 8
		10	12 10
			14 10
			14 12
	PN 400	16	16 10
			16 12
			16 14
		20	20 10
			20 12
			20 16
		25	25 16
			25 20
	PN 250	30	30 20
			30 25
		38	38 30

RACCORDI PRESSFITTING

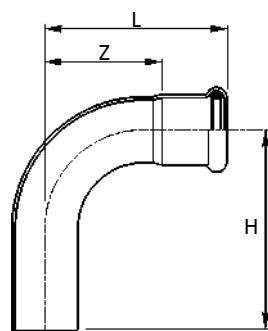
DIAMETRO mm	L mm	Z mm
15	50	30
18	54	34
22	60	39
28	73	50
35	68	42
42	80	50
54	100	64

Curva 90° FF



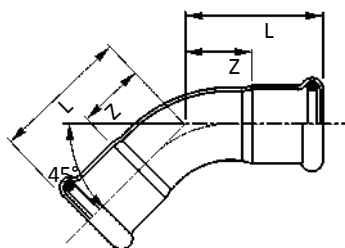
DIAMETRO mm	L mm	H mm	Z mm
15	50	63	30
18	54	63	34
22	60	71	39
28	73	81	50
35	68	82	42
42	80	101	50
54	100	120	64

Curva 90° MF



DIAMETRO mm	L mm	Z mm
15	36	16
18	37	17
22	41	20
28	47	24
35	43	17
42	50	20
54	62	26

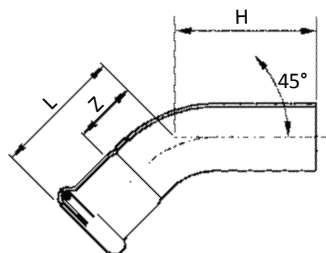
Curva 45° FF



RACCORDI PRESSFITTING

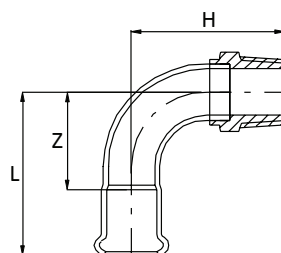
DIAMETRO mm	L mm	H mm	Z mm
15	36	49	16
18	37	43	17
22	41	48	20
28	48	55	25
35	43	57	17
42	50	71	20
54	62	82	26

Curva 45° MF



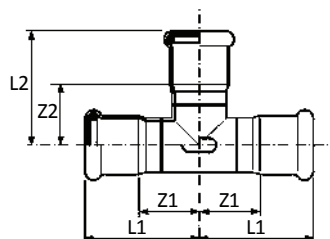
DIAMETRO mm	L mm	H mm	Z mm
15x1/2"	50	30	54
18x1/2"	54	34	59
22x3/4"	60	39	69
28x1"	73	50	80
35x1"	86	60	95
35x1 1/4"	86	60	99
42x1 1/4"	112	82	120
42x1 1/2"	112	82	120
54x2"	138	103	156

Curva 90° filettata M



DIAMETRO mm	L1 mm	L2 mm	Z1 mm	Z2 mm
15	34	39	14	19
18	37	41	16	21
22	39	45	18	24
28	44	50	21	27
35	51	57	25	31
42	59	65	28	35
54	70	77	34	42

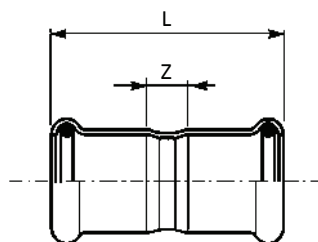
Tee uguale



RACCORDI PRESSFITTING

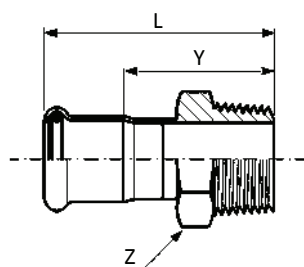
DIAMETRO mm	L mm	Z mm
15	49	9
18	50	10
22	53	11
28	56	10
35	63	10
42	72	12
54	83	13

Manicotto



DIAMETRO mm	L mm	Z mm	Y mm
15x3/8"	38	24	18
15x1/2"	41	24	21
15x3/4"	43	30	23
18x1/2"	41	27	21
18x3/4"	44	30	24
22x1/2"	42	32	21
22x3/4"	44	32	23
22x1"	46	36	25
28x3/4"	47	38	24
28x1"	48	38	25
28x1"1/4	53	46	30
35x1"	52	45	25
35x1"1/4	55	45	28
35x1"1/2	55	50	28
42x1"1/4	59	54	28
42x1"1/2	59	54	28
54x1"1/2	65	65	29
54x2"	71	65	35

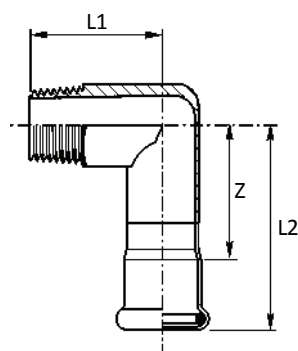
Manicotto misto filetto M M



RACCORDI PRESSFITTING

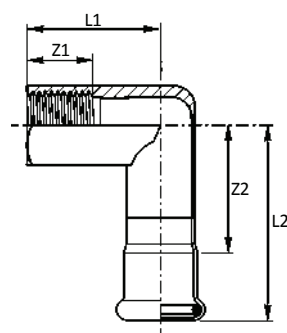
DIAMETRO mm	L1 mm	L2 mm	Z mm
15x1/2"	37	57	37
18x1/2"	37	57	38
22x1/2"	39	58,5	37,5
22x3/4"	39	61	40
28x1"	44	68	45
35x1"1/4"	49	75	49
42x1"1/2"	54	84	54
54x2"	60	95	60

Gomito misto 90° filetto M



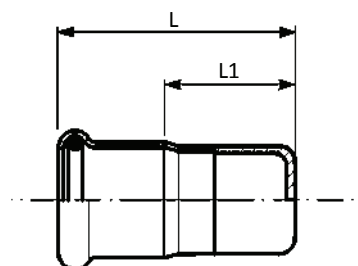
DIAMETRO mm	L1 mm	L2 mm	Z1 mm	Z2 mm
15x1/2"	38	57	15	37
15x3/4"	34	38	15	18
18x1/2"	39	58	15	38
22x1/2"	41	58,5	15	37,5
22x3/4"	46	61	19	40
28x1/2"	44	62	15	39
28x1"	54	68	19	45
35x1"1/4"	63	75	21	49

Gomito misto 90° filetto F



DIAMETRO mm	L mm	L1 mm
15	44	24
18	44	24
22	45	24
28	48	25
35	52	26
42	56	26
54	62	27

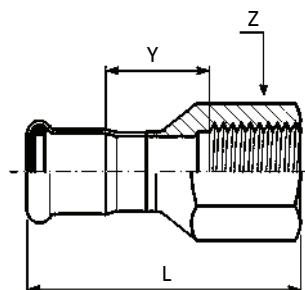
Tappo di chiusura



RACCORDI PRESSFITTING

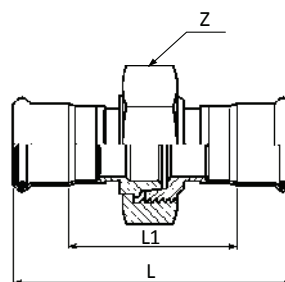
DIAMETRO mm	L mm	Z mm	Y mm
15x1/2"	38	27	
15x3/4"	39	32	
18x1/2"	38	27	
18x3/4"	39	32	
22x1/2"	39	32	
22x3/4"	40	32	
22x1"	43	41	
28x3/4"	42	38	
28x1"	45	41	
28x1"1/4	48	46	
35x1"	49	46	
35x1"1/4	52	46	
35x1"1/2	52	55	
42x1"1/4	56	54	
42x1"1/2	56	54	
54x1"1/2	60	65	
54x2"	65	65	

Manicotto misto filetto F



DIAMETRO mm	L mm	H mm	Z mm
15	96	56	18
18	97	57	20
22	99	57	24
28	116	70	32
35	123	71	41
42	138	78	46
54	154	84	60

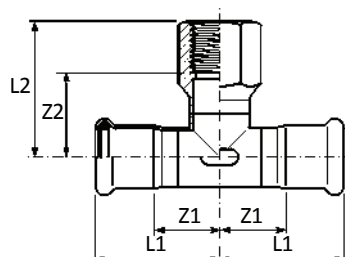
Bocchettone sede conica



RACCORDI PRESSFITTING

DIAMETRO mm	L1 mm	L2 mm	Z1 mm	Z2 mm
15x1/2"	34	40	13	25
18x1/2"	37	42	16	27
18x3/4"	37	45	16	28
22x1/2"	39	44	18	29
22x3/4"	39	47	18	31
28x1/2"	44	47	21	32
28x3/4"	44	50	21	33
28x1"	44	53	25	34
35x1/2"	51	51	25	36
35x3/4"	51	54	22	37
35x1"	51	47	28	28
42x1/2"	59	54	28	39
42x3/4"	59	57	34	41
54x1/2"	70	61	34	46
54x3/4"	70	64	34	48
54x2"	70	81	34	55

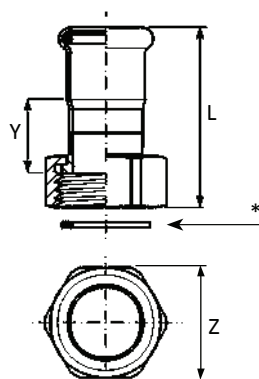
Tee con derivazione filetto F



RACCORDI PRESSFITTING

DIAMETRO mm	65L mm	Z mm	Y mm
15x1/2"	50	27	23
15x3/4"	56	30	26
18x1/2"	57	27	27
18x3/4"	50	30	23
22x3/4"	50	30	19,5
22x1"	52	36	23
28x1"	52	36	19,5
28x1"1/4	57	46	25
35x1"1/4	57,5	46	20,5
35x1"1/2	63	52	26
42x1"1/2	63,5	52	21
42x1"3/4	68	58	27
42x2"	68	64	27
54x2"	72	67	23
54x2"3/8	77	75	30
54x2"1/2	77	81	30

Manicotto con dado folle





PORTAGOMMA



PORTAGOMMA SR



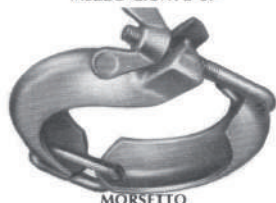
MEZZO GIUNTO FM



MEZZO GIUNTO FF



MEZZO GIUNTO SF



MORSETTO



TAPPO



RIDUZIONE



GUARNIZIONE

Ø NOMINALE	30	40	50	60	80	100		
CODICE LISTINO	4501	4502	4503	4504	4505	4506		
Ø NOMINALE	30	40	50	60	80	100		
CODICE LISTINO	4511	4512	4513	4514	4515	4516		
Ø NOMINALE	1" x 40	1¼" x 40	1½" x 50	2" x 60	2½" x 80	3" x 100		
CODICE LISTINO	4591	4592	4593	4594	4595	4596		
Ø NOMINALE	1" x 40	1¼" x 40	1½" x 50	2" x 60	2½" x 80	3" x 100		
CODICE LISTINO	4651	4652	4653	4654	4655	4656		
Ø NOMINALE	30 (33 SF)	40 (42 SF)	50 (48 SF)	60 (59 SF)	80 (75 SF)	100 (88 SF)		
CODICE LISTINO	4621	4622	4623	4624	4625	4626		
Ø NOMINALE	30	40	50	60	80	100		
CODICE LISTINO	4551	4551	4552	4553	4554	4555		
Ø NOMINALE	30	40	50	60	80	100		
CODICE LISTINO	4681	4681	4682	4683	4684	4685		
Ø NOMINALE	40 x 50		50 x 60		60 x 80		80 x 100	
CODICE LISTINO	4711		4712		4713		4714	
Ø NOMINALE	30	40	50	60	80	100		
CODICE LISTINO	4561	4561	4562	4563	4564	4565		

RACCORDI CAMLOCK

TIPO A

Maschio filettato Femmina

DIMENSIONI	MATERIALI	FILETTO
1/2"-8"	Acciao Inox 316	BSPP



TIPO F

Maschio filettato Maschio

DIMENSIONI	MATERIALI	FILETTO
1/2"-8"	Acciao Inox 316	BSPP (cilindrico)



TIPO E

Portagomma maschio

DIMENSIONI	MATERIALI	PORTAGOMMA
1/2"-8"	Acciao Inox 316	DIAMETRI STANDAD



TIPO DP

Tappo maschio

DIMENSIONI	MATERIALI	ACCESSORI
1/2"-8"	Acciao Inox 316	CATENELLA



RACCORDI CAMLOCK

TIPO B

Femmina filettato Maschio

DIMENSIONI	MATERIALI	FILETTO
1/2"-8"	Acciao Inox 316	BSPP



TIPO C

Portagomma femmina

DIMENSIONI	MATERIALI	PORTAGOMMA
1/2"-8"	Acciao Inox 316	DIAMETRI STANDAD



TIPO D

Femmina filettato Femmina

DIMENSIONI	MATERIALI	FILETTO
1/2"-8"	Acciao Inox 316	BSPP (cilindrico)

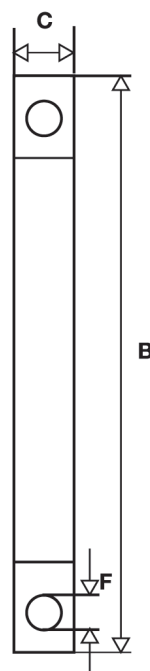
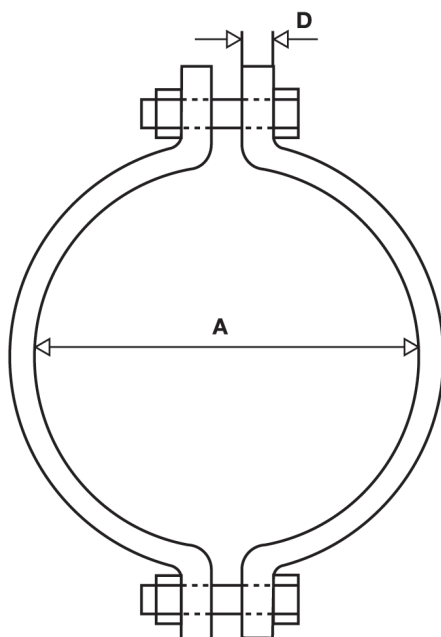


TIPO DC

Tappo femmina

DIMENSIONI	MATERIALI	ACCESSORI
1/2"-8"	Acciao Inox 316	CATENELLA

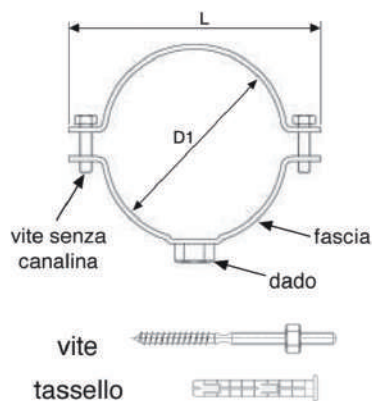




A	B	C	D	F	Bulloni
21,3	65	15	3	6	M5x20
26,9	85	20	4	8	M6x25
33,7	93	20	4	8	M6x25
42,4	103	25	4	10	M8x25
48,3	105	25	4	10	M8x25
54	110	25	4	10	M8x30
60,3	120	25	4	10	M8x30
69	145	30	4	10	M8x30
76,1	155	30	4	10	M8x30
84	160	30	4	10	M8x40
88,9	165	30	4	10	M8x40
104	180	30	4	12	M10x40
114,3	195	30	4	12	M10x40
129	200	30	5	12	M10x40
139,7	220	30	5	12	M10x40
154	240	40	5	12	M10x40
168,3	260	40	5	12	M10x40
204	310	40	5	12	M10x40
219,1	330	40	5	12	M10x40
255	360	40	6	14	M12x40
273,2	385	40	6	14	M12x50
306	440	50	6	14	M12x50
323,9	445	50	6	14	M12x50
356	460	50	6	14	M12x60
406	550	60	6	16	M14x60
457	610	60	6	16	M14x60
508	645	60	8	18	M16x60

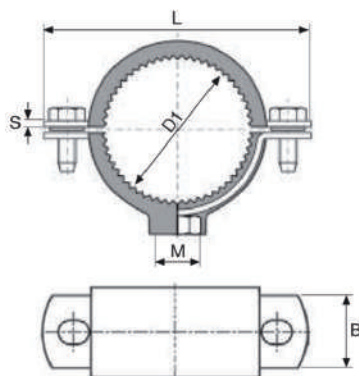
STAFFE CON VITE E TASSELLO CLAMPS WITH SREW AND PLUG

AISI 304

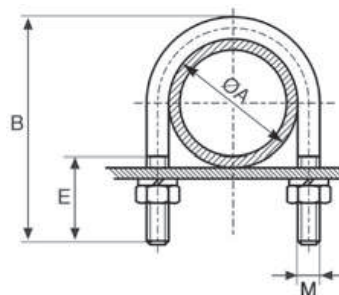


DN inch	D1 mm	Dado mm	Tassello mm	L mm
3/8"	16-18	M 8	10x60	53,5
1/2"	20-22	M 8	10x60	58
3/4"	25-28	M 8	10x60	63,5
1"	25-28	M 8	10x60	70
1"1/4	39-43	M 8	10x60	79
1"1/2	45-48,5	M 8	10x60	85
2"	58-61	M 8	10x60	97
2"1/2	73-76,5	M 10	14x75	115
3"	86-89	M 10	14x75	128

STAFFE GOMMATE CLAMPS WITH RUBBER



DN inch	D1 mm	Dado mm	B mm	L mm	S mm
3/8"	16-18	M 8	20	58	2,5
1/2"	20-22	M 8	20	63,5	2,5
3/4"	25-28	M 8	20	70	2,5
1"	31-34	M 8	20	79	2,5
1"1/4	39-43	M 8	20	85	2,5
1"1/2	45-48,5	M 8	20	97	2,5
2"	58-61	M 8	20	107	2,5



D tubo mm	M	A mm	B mm
21,3	M6	22	53
26,9	M6	28	59
33,7	M6	34	65
42,4	M6	43	74
48,3	M8	49	85
54	M8	55	97
60,3	M8	61	99
70	M8	71	102
76,1	M8	77	113
84	M8	85	117
88,9	M8	90	126
104	M10	105	149
114,3	M10	114	155
129	M10	130	170
139,7	M10	144	184
154	M10	155	194
168,3	M10	170	210
204	M10	206	244
219,1	M10	221	259
254	M10	256	294
273	M10	275	313



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