

Categoria 06 FP Raccordi Tubi e Accessori

FPWF Raccordi Inox Saldare e Flange

Fittings and Pipe Accessories

Welding Fittings and Flanges

Categoria **FPWF** Raccordi in Acciaio Inox a Saldare**Raccordi in acciaio inox a saldare****Raccordi****Flange****Tipologie possibili e specifiche generali:**
raccordi ricavati da tubo EU o SS

- dimensioni secondo ISO/MET o ANSI ASTM BW
- materiali: AISI304L EN1.4307 e AISI316L EN1.4404

flange

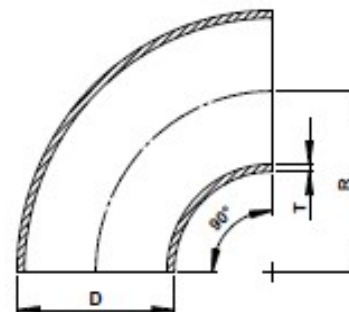
- dimensioni secondo ISO/MET o ANSI
- tipologia: forged, casting, stampate e alluminio
- materiali: AISI304L EN1.4307 e AISI316L EN1.4404

**RACCORDI RICAVATI DA TUBO**

Materiali: AISI304L EN1.4307 e AISI316L EN1.4404

CURVA A SALDARE EU 90°

Ø D	T (2.0)	T (2.5)	T (3.0)	R
13.7	X	/	/	20
17.2	X	/	/	25
21.3	X	X	X	28
26.9	X	X	X	29
33.7	X	X	X	38
42.4	X	/	X	48
48.3	X	/	X	57
60.3	X	/	X	76
76.1	X	/	X	95
88.9	X	/	X	114
101.6	X	/	X	133
114.3	X	/	X	152
139.7	X	X	X	190
168.3	X	X	X	229
219.1	X	X	X	305
273.0	X	X	X	381
323.9	X	/	X	457
355.6	/	/	X	533
406.4	/	/	X	610
457.2	/	/	X	686
508.0	/	/	X	762



Materiali: AISI304L EN1.4307 e AISI316L EN1.4404

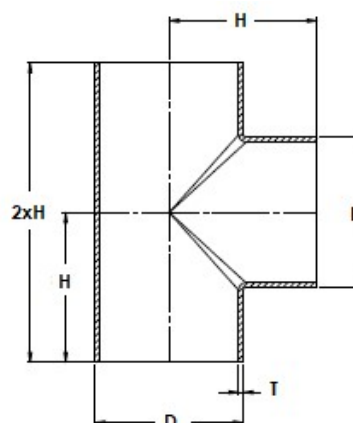
Standard R=1.5 DIMA3

A richiesta R=2.5 DIMA5

A richiesta altri Ø D e T spessori

TEE A SALDARE EU

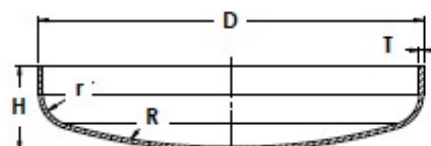
Ø D	T (2.0)	T (3.0)	H	2H
13.7	/	/	/	/
17.2	X	/	25.5	51
21.3	X	X	25.5	51
26.9	X	X	28.5	57
33.7	X	X	38.0	76
42.4	X	X	47.5	95
48.3	X	X	57.0	114
60.3	X	X	63.5	127
76.1	X	X	76.0	152
88.9	X	X	85.5	171
101.6	X	X	95.5	191
114.3	X	X	105.0	210
139.7	X	X	124.0	248
168.3	X	X	143.0	286
219.1	X	X	178.0	356
273.0	X	X	216.0	432
323.9	X	X	254.0	508
355.6	/	X	279.0	558
406.4	/	X	305.0	610
457.2	/	X	343.0	686



Materiali: AISI304L EN1.4307 e AISI316L EN1.4404
A richiesta altri Ø D e T spessori

FONDELLO A SALDARE

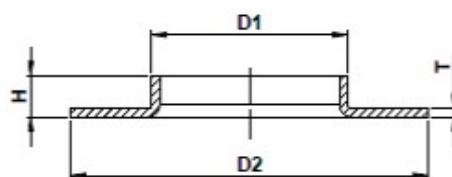
Ø D	T (2.0)	T (3.0)	T (4.0)	H
17.2	/	/	/	/
21.3	X	X	/	9.0
26.9	X	X	/	11.0
33.7	X	X	/	12/14
42.4	X	X	/	17/18
48.3	X	X	/	17
60.3	X	X	/	20/22
76.1	X	X	/	27/29
88.9	X	X	/	29/30
101.6	X	X	/	26/27
114.3	X	X	/	32
139.7	X	X	X	35/36
168.3	X	X	X	40/42
219.1	X	X	X	50/51
273.0	X	X	X	62/63
323.9	X	X	X	72
355.6	/	X	X	90
406.4	/	X	X	95/97
457.2	/	X	X	103
508.0	/	X	X	119



Materiali: AISI304L EN1.4307 e AISI316L EN1.4404
R = D
r = D/10
A richiesta altri Ø D e T spessori

CARTELLA A SALDARE

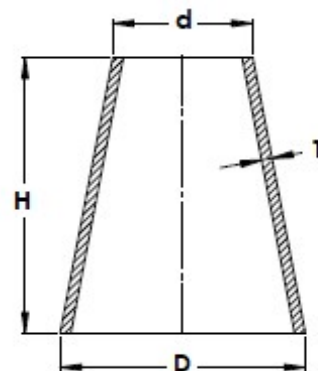
Ø D1	D2	T (2.0)	T (3.0)	H
17.2	43	X	/	6
21.3	43	X	X	6
26.9	58	X	X	8
33.7	58	X	X	9
42.4	78	X	X	10
48.3	88	X	X	10
60.3	102	X	X	12
76.1	122	X	X	12
88.9	139	X	X	12
101.6	158	X	X	12
114.3	158	X	X	16
139.7	184	X	X	16
168.3	212	X	X	17
219.1	270	X	X	18
273.0	323	X	X	18
323.9	370	X	X	19
355.6	430	/	X	40
406.4	482	/	X	45
457.2	532	/	X	47
508.0	585	/	X	50



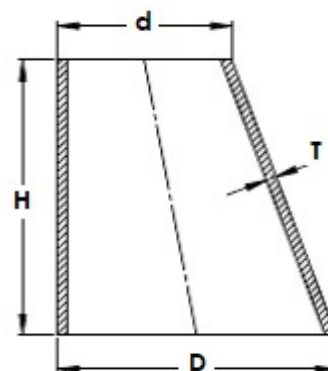
Materiali: AISI304L EN1.4307 e AISI316L EN1.4404
A richiesta altri Ø D1 e T spessori

RIDUZIONI A SALDARE EU				
Ø D	Ø d	T (2.0)	T (3.0)	H
17.2	13.7	X	/	26
21.3	13.7	X	/	28
	17.2	X	/	
26.9	13.7	X	/	38
	17.2	X	/	
	21.3	X	X	
33.7	17.2	X	/	51
	21.3	X	X	
	26.9	X	X	
42.4	21.3	X	X	51
	26.9	X	X	
	33.7	X	X	
48.3	21.3	X	X	64
	26.9	X	X	
	33.7	X	X	
	42.4	X	X	
60.3	21.3	X	X	76
	26.9	X	X	
	33.7	X	X	
	42.4	X	X	
76.1	48.3	X	X	89
	33.7	X	X	
	42.4	X	X	
	60.3	X	X	
88.9	33.7	X	X	89
	42.4	X	X	
	48.3	X	X	
	60.3	X	X	
101.6	76.1	X	X	98
	88.9	X	X	
	60.3	X	X	
	48.3	X	X	
114.3	33.7	X	X	102
	42.4	X	X	
	48.3	X	X	
	60.3	X	X	
	76.1	X	X	
	88.9	X	X	
139.7	101.6	X	X	127
	114.3	X	X	
	88.9	X	X	
	76.1	X	X	
168.3	60.3	X	X	140
	76.1	X	X	
	88.9	X	X	
	101.6	X	X	
	114.3	X	X	
219.1	139.7	X	X	152
	168.3	X	X	
	114.3	X	X	
	101.6	X	X	
	88.9	X	X	
273.0	139.7	X	X	178
	168.3	X	X	
	219.1	X	X	

RIDUZIONE A SALDARE CONCENTRICA



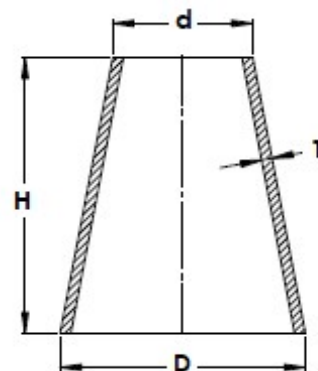
RIDUZIONE A SALDARE ECCENTRICA



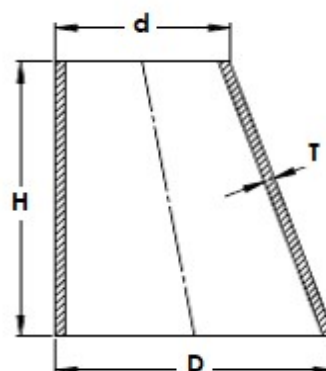
Materiali: AISI304L EN1.4307 e AISI316L EN1.4404
A richiesta altri Ø D e T spessori

RIDUZIONI A SALDARE EU				
Ø D	Ø d	T (3.0)	T (4.0)	H
323.9	114.3	X	X	203
	139.7	X	X	
	168.3	X	X	
	219.1	X	X	
	273.0	X	X	
355.6	139.7	X	X	330
	168.3	X	X	
	219.1	X	X	
	273.0	X	X	
	323.9	X	X	
406.4	168.3	X	X	356
	219.1	X	X	
	273.0	X	X	
	323.9	X	X	
	355.6	X	X	
457.2	168.3	X	X	381
	219.1	X	X	
	273.0	X	X	
	323.9	X	X	
	355.6	X	X	
508.0	406.4	X	X	508
	219.1	X	X	
	273.0	X	X	
	323.9	X	X	
	355.6	X	X	
508.0	406.4	X	X	508
	457.2	X	X	
	508.0	X	X	

RIDUZIONE A SALDARE CONCENTRICA

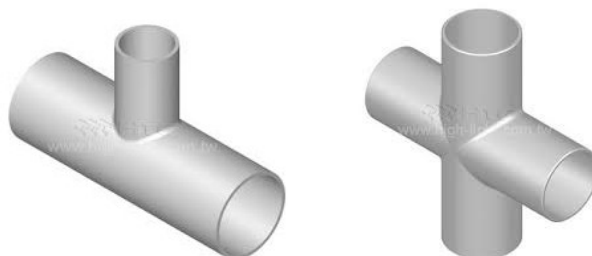


RIDUZIONE A SALDARE ECCENTRICA



Materiali: AISI304L EN1.4307 e AISI316L EN1.4404
A richiesta altri Ø D e T spessori

Sono possibili altre tipologie di raccordi a saldare.
Contattare il ns UT per avere informazioni.

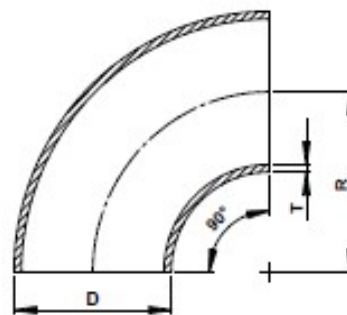


RACCORDI RICAVATI DA TUBO SS ANSI

Materiali: AISI304L EN1.4307 e AISI316L EN1.4404

CURVA A SALDARE SS ASME B16.9

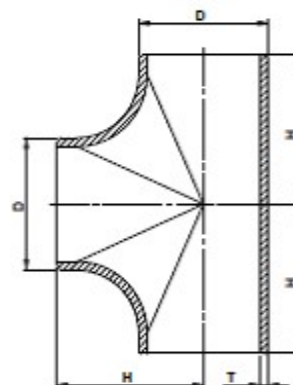
Ø	Ø D	T SCH10s	T SCH40s	R
1/2"	21.34	2.11	2.77	38
3/4"	26.70	2.11	2.87	38
1"	33.40	2.77	3.38	38
1 1/4"	42.20	2.77	3.56	48
1 1/2"	48.30	2.77	3.68	57
2"	60.30	2.77	3.91	76
2 1/2"	73.00	3.05	5.16	95
3"	88.90	3.05	5.49	114
4"	114.30	3.05	6.02	152
5"	141.30	3.40	6.55	190
6"	168.30	3.40	7.11	229
8"	219.10	3.76	8.18	305



Materiali: AISI304L EN1.4307 e AISI316L EN1.4404
A richiesta altri Ø D e T spessori

TEE A SALDARE SS ASME B16.9

Ø	Ø D	T SCH10s	T SCH40s	H
1/2"	21.34	2.11	2.77	25.4
3/4"	26.70	2.11	2.87	28.6
1"	33.40	2.77	3.38	38.1
1 1/4"	42.20	2.77	3.56	47.6
1 1/2"	48.30	2.77	3.68	57.2
2"	60.30	2.77	3.91	63.5
2 1/2"	73.00	3.05	5.16	76.2
3"	88.90	3.05	5.49	85.7
4"	114.30	3.05	6.02	104.8
5"	141.30	3.40	6.55	123.8
6"	168.30	3.40	7.11	142.8
8"	219.10	3.76	8.18	177.8



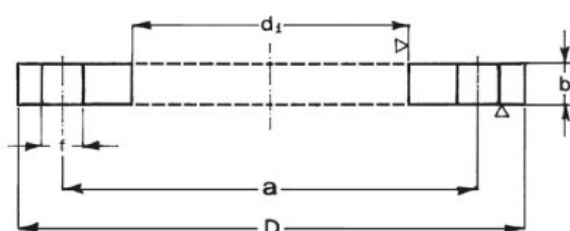
Materiali: AISI304L EN1.4307 e AISI316L EN1.4404
A richiesta altri Ø D e T spessori

Sono possibili altre tipologie di raccordi a saldare.
Contattare il ns UT per avere informazioni.

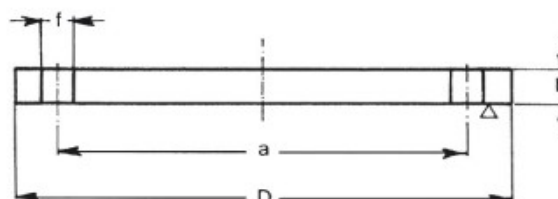


FLANGE FORGIATE - NORMATIVE EN
Materiali: AISI304L EN1.4307 e AISI316L EN1.4404

Flange plane FORGED EN1092-1-01



Flange cieche FORGED EN1092-1-05



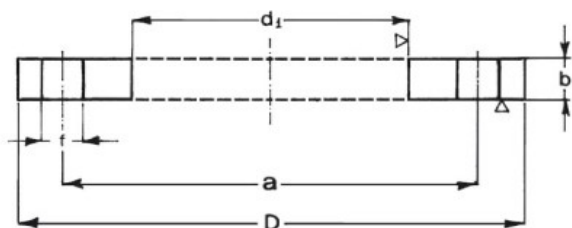
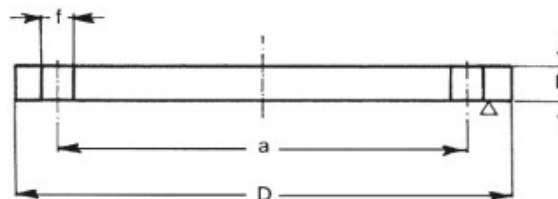
DN / PN	Ø tubo	d1	a	b	D	f	VITI	n°fori
15 (16/40)	21.3	22.0	65	14	95	14	M12	4
20 (16/40)	26.9	27.5	75	16	105	14	M12	4
25 (16/40)	33.7	34.5	85	16	115	14	M12	4
32 (16/40)	42.4	43.5	100	18	140	18	M16	4
40 (16/40)	48.3	49.5	110	18	150	18	M16	4
50 (16)	60.3	61.5	125	20	165	18	M16	4
65 (16)	76.1	77.5	145	20	185	18	M16	8#
80 (16)	88.9	90.5	160	20	200	18	M16	8
100 (16)	114.3	116.0	180	22	220	18	M16	8
125 (16)	139.7	141.5	210	22	250	18	M16	8
150 (16)	168.3	170.5	240	24	285	22	M20	8
200 (16)	219.1	221.5	295	26	340	22	M20	12
250 (16)	273.0	276.5	355	29	405	26	M24	12
300 (16)	323.9	327.5	410	32	460	26	M24	12
350 (16)	355.6	359.0	470	35	520	26	M24	16
400 (16)	406.4	411.0	525	38	580	30	M27	16

In accordo con la normativa EN 1092-1, le flange con questo DN e PN possono essere fornite con 4 fori.
Da definire in fase d'ordine se 4 o 8 fori.

50 (40)	60.3	61.5	125	20	165	18	M16	4
65 (40)	76.1	77.5	145	22	185	18	M16	8
80 (40)	88.9	90.5	160	24	200	18	M16	8
100 (40)	114.3	116.0	190	26	235	22	M20	8
125 (40)	139.7	141.5	220	28	270	26	M24	8
150 (40)	168.3	170.5	250	30	300	26	M24	8
200 (40)	219.1	221.5	320	36	375	30	M27	12
250 (40)	273.0	276.5	385	42	450	33	M30	12
300 (40)	323.9	327.5	450	52	515	33	M30	16
200 (25)	219.1	221.5	310	32	360	26	M24	12
250 (25)	273.0	276.5	370	35	425	30	M27	12
300 (25)	323.9	327.5	430	38	485	30	M27	16

FLANGE CASTING

Materiali: AISI304 EN1.4301 e AISI316 EN1.4401

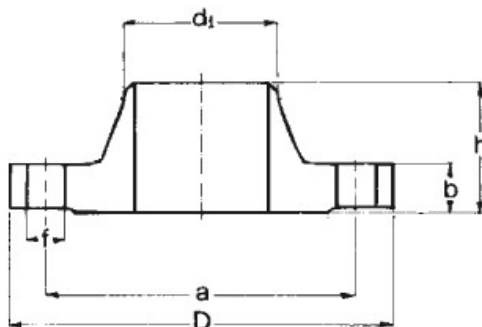
Flange plane CASTING**Flange cieche CASTING**

DN / PN	Ø tubo	d1	a	b	D	f	VITI	n°fori
15 (16)	21.3	22.0	65	12	95	14	M12	4
20 (16)	26.9	27.5	75	14	105	14	M12	4
25 (16)	33.7	34.5	85	14	115	14	M12	4
32 (16)	42.4	43.5	100	16	140	18	M16	4
40 (16)	48.3	49.5	110	16	150	18	M16	4
50 (16)	60.3	61.5	125	18	165	18	M16	4
65 (16)	76.1	77.5	145	18	185	18	M16	4/8#
80 (16)	88.9	90.5	160	20	200	18	M16	8
100 (16)	114.3	116.0	180	20	220	18	M16	8
125 (16)	139.7	141.5	210	22	250	18	M16	8
150 (16)	168.3	170.5	240	22	285	22	M20	8
200 (16)	219.1	221.5	295	26	340	22	M20	12
250 (16)	273.0	276.5	355	29	405	26	M24	12
300 (16)	323.9	327.5	410	32	460	26	M24	12
350 (16)	355.6	359.0	470	35	520	26	M24	16
400 (16)	406.4	411.0	525	38	580	30	M27	16

In accordo con la normativa EN 1092-1, le flange con questo DN e PN possono essere fornite con 4 o 8 fori.
Da definire in fase d'ordine se 4 o 8 fori.

FLANGE FORGIATE - NORMATIVE EN
Materiali: AISI304L EN1.4307 e AISI316L EN1.4404

Flange a collarino FORGED EN1092-1-11

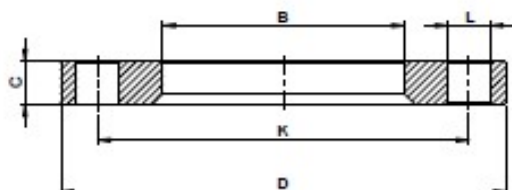


DN / PN	d1 Ø tubo	a	D	b	h	f	VITI	n°fori
15 (16/40)	21.3	65	95	16	38	14	M12	4
20 (16/40)	26.9	75	105	18	40	14	M12	4
25 (16/40)	33.7	85	115	18	40	14	M12	4
32 (16/40)	42.4	100	140	18	42	18	M16	4
40 (16/40)	48.3	110	150	18	45	18	M16	4
50 (16)	60.3	125	165	18	45	18	M16	4
65 (16)	76.1	145	185	18	45	18	M16	4
80 (16)	88.9	160	200	20	50	18	M16	8
100 (16)	114.3	180	220	20	52	18	M16	8
125 (16)	139.7	210	250	22	55	18	M16	8
150 (16)	168.3	240	285	22	55	22	M20	8
200 (16)	219.1	295	340	24	62	22	M20	12
250 (16)	273.0	355	405	26	70	26	M24	12
300 (16)	323.9	410	460	28	78	26	M24	12
50 (40)	60.3	125	165	20	48	18	M16	4
65 (40)	76.1	145	185	22	52	18	M16	8
80 (40)	88.9	160	200	24	58	18	M16	8
100 (40)	114.3	190	235	24	65	22	M20	8
125 (40)	139.7	220	270	26	68	26	M24	8
150 (40)	168.3	250	300	28	75	26	M24	8
200 (40)	219.1	320	375	34	88	30	M27	12
250 (40)	273.0	385	450	38	105	33	M30	12
300 (40)	323.9	450	515	42	115	33	M30	16
200 (25)	219.1	310	360	30	80	26	M24	12
250 (25)	273.0	370	425	32	88	30	M27	12
300 (25)	323.9	430	485	34	92	30	M27	16

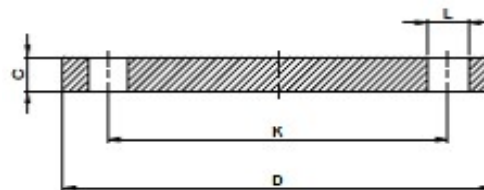
FLANGE IN ALLUMINIO ISO/METRICHE

Materiali: ALLUMINIO

Flange piane libere in alluminio



Flange cieche in alluminio



DN / PN ISO	B	D	C	L	VITI	n°fori	
15 (10)	24	95	12	14	M12	4	
20 (10)	30	105	12	14	M12	4	
25 (10)	36	115	12	14	M12	4	
32 (10)	46	140	16	18	M16	4	
40 (10)	54	150	16	18	M16	4	
50 (10)	65	165	16	18	M16	4	
65 (10)	81	185	16	18	M16	4	
80 (10)	94	200	18	18	M16	8	
100 (10)	119	220	18	18	M16	8	
125 (10)	145	250	18	18	M16	8	
150 (10)	173	285	18	22	M20	8	
200 (10)	225	340	20	22	M20	8	
250 (10)	279	395	22	22	M20	12	
300 (10)	329	445	22	22	M20	12	
DN / PN METRICHE							
25 (10)	33	115	12	14	M12	4	
32 (10)	42	140	16	18	M16	4	
40 (10)	48	150	16	18	M16	4	
50 (10)	60	165	16	18	M16	4	
65 (10)	75	185	16	18	M16	4	
80 (10)	90	200	18	18	M16	8	
100 (10)	111	220	18	18	M16	8	
125 (10)	136	250	18	18	M16	8	
150 (10)	161	285	18	22	M20	8	
200 (10)	212	340	20	22	M20	8	
250 (10)	264	395	22	22	M20	12	
300 (10)	315	445	22	22	M20	12	
350 (10)	326	505	22	22	M20	16	
400 (10)	413	565	25	25	M22	16	
450 (10)	465	615	25	25	M22	20	
500 (10)	517	670	28	25	M22	20	