

Standard program

The tables below reflect the standard program only, other dimensions and grades are available against special production according to our manufacturing range and capabilities.

Please refer enquiries to mill customer service contacts for review and quotation.

Metric Tru-Bore® - NHT (design pressures shown in brackets)

Welded tubes, pickled.

In 6 m random lengths, PE (Plain Ends).

OD ≤ 808 mm manufactured and inspected according to EN 10217-7 TC1, weld factor z = 1.0.

Tolerances in accordance with EN ISO 1127 (OD ≤ 156 mm = D3/T3 and OD > 203 mm = D2/T3).

Stock standard dimensions and grades in the table below are marked with design pressures.

The design pressures are calculated in bar according to: EN 13480, EN 10217-7 or EN 10296-2, T = 20 °C, actual weld factor z.

Metric NHT

OD mm	z	Wall mm	Weight kg/m	4307	4571	4404	4432
28.0	1.0	1.5	1.00	X (159)		X (165)	
35.0	1.0	1.5	1.26	X (126)		X (131)	
43.0	1.0	1.5	1.56	X (102)		X (106)	
44.5	1.0	2	2.13	X (132)		X (138)	
53.0	1.0	1.5	1.93	X (82)		X (85)	
54.0	1.0	2	2.60	X (108)		X (113)	
68.0	1.0	1.5	2.50	X (63)		X (66)	
69.0	1.0	2	3.36	X (85)		X (89)	
70.0	1.0	2	3.41	X (83)		X (86)	
83.0	1.0	1.5	3.06	X (54)		X (56)	X (56)
84.0	1.0	2	4.11	X (72)	X (77)	X (75)	X (75)
103.0	1.0	1.5	3.81	X (43)		X (45)	X (45)
104.0	1.0	2	5.11	X (57)	X (61)	X (60)	X (60)
106.0	1.0	3	7.74	X (87)		X (91)	X (91)
128.0	1.0	1.5	4.75	X (34)		X (36)	X (36)
129.0	1.0	2	6.36	X (46)	X (49)	X (48)	X (48)
153.0	1.0	1.5	5.69	X (28)		X (30)	X (30)
154.0	1.0	2	7.61	X (38)	X (40)	X (40)	X (40)
156.0	1.0	3	11.5	X (57)	X (61)	X (60)	X (60)
203.0	1.0	1.5	7.57	X (21)		X (22)	
204.0	1.0	2	10.1	X (28)	X (30)	X (30)	X (30)
205.0	1.0	2.5	12.7	X (36)	X (38)	X (37)	X (37)
206.0	1.0	3	15.3	X (43)		X (45)	X (45)
254.0	1.0	2	12.6	X (23)	X (24)	X (24)	X (24)
255.0	1.0	2.5	15.8	X (28)	X (30)	X (30)	X (30)
256.0	1.0	3	19.0	X (34)		X (36)	X (36)
304.0	1.0	2	15.1	X (19)	X (20)	X (20)	X (20)
305.0	1.0	2.5	18.9	X (24)		X (25)	X (25)
306.0	1.0	3	22.8	X (28)	X (30)	X (30)	X (30)
355.0	1.0	2.5	22.0	X (20)		X (21)	X (21)
356.0	1.0	3	26.5	X (24)	X (26)	X (25)	X (25)
406.0	1.0	3	30.3	X (21)	X (23)	X (22)	X (22)
408.0	1.0	4	40.5	X (28)			X (30)
456.0	1.0	3	34.0	X (19)		X (20)	X (20)
458.0	1.0	4	45.5				X (26)
506.0	1.0	3	37.8	X (17)		X (18)	X (18)
508.0	1.0	4	50.5	X (23)		X (24)	X (24)
606.0	0.7	3	45.3	X (10)		X (10)	X (10)
608.0	0.7	4	60.5	X (13)		X (14)	X (14)
708.0	0.7	4	70.5	X (11)			X (12)
808.0	0.7	4	80.5	X (10)			X (10)

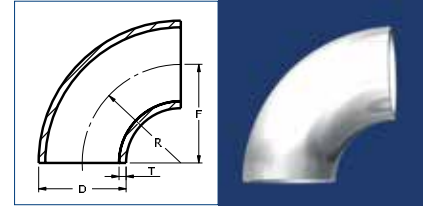
X = standard program.

The stock standard program is subject to change without prior notice!

Butt weld fittings



BRIDGE DRAINAGE



DN	D	R=F	Wall thickness T mm							Max T mm	
			1.5	2.0	2.5	3.0	4.0	5.0	6.0		8.0
15*	18.0	22.5	0.02(173)								
	20.0	25		0.04(212)							
20*	23.0	25	0.03(171)								
	25.0	27.5		0.05(157)							
25*	28.0	32.5	0.05(142)								
	30.0	33.5		0.07(129)							
32*	35.0	45	0.08(86)	0.11(116)							
	38.0	45	0.09(76)	0.12(103)							
40*	43.0	47.5	0.11(87)								
	44.5	51		0.16(86)							
50*	53.0	72.5	0.22(57)								
	54.0	70		0.28(73)							
65*	69.0	95		0.47(58)							
*	84.0/86.0	123		0.90(48)		1.40(71)					
100*	104/106	150		1.20(38)		1.80(57)					
125*	129/131	188		2.00(31)		3.00(45)					
150*	154/156	225		2.60(25)		3.90(38)					
200*	204/205/206	300		4.80(19)	6.00(24)	7.30(29)					9
250*	254/255/256	375		7.40(15)	9.20(19)	11.0(25)					6
300	304/306/308	450		10.7(9)		16.5(14)	22.0(18)				7
350	356/358/360	525				22.5(12)	30.0(16)	37.0(19)			9
400	406/408/410	600				29.0(10)	38.0(14)	48.0(17)			11
450	456/458/460	675				37.0(9)	49.0(12)	61.0(15)			13
500	506/508/510	750				45.0(8)	60.0(11)	75.0(14)			25
600	606/608/610	900				66.0(7)	88.0(9)	110(11)			25
700	708/710/712	1050					117(8)	147(10)	177(13)		13
800	808/810/812	1200					152(7)	190(9)	228(11)		11
900	910/912	1350						238(8)	286(10)		22
1000	1010/1012	1500						298(7)	357(9)		22
1100	1110/1112/1116	1650						360(6)	432(8)	577(11)	25

Green values are kept in stock according to EN 10253-4 also in grade EN 1.4541 and EN 1.4571

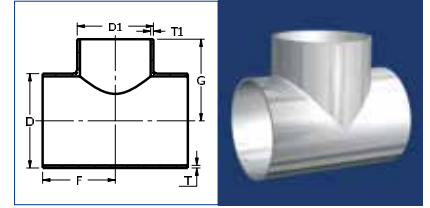
The pressure ratings for products printed in black are calculated for grade EN 1.4307 at 20°C according to EN 10253-4 type A.

Pressure values in orange are calculated for grade EN 1.4307 at 20°C according to EN 10253-3 type A. (welding factor Z=0.7)

All products can with additional testing be delivered to meet EN 10253-4 type A. This has to be confirmed when ordering.

Stock standard items are subject to change without notice.

standard: EN 1.4307 and 1.4432 in the most common dimensions



ISO Tee reducing and equal fabricated (ISO 5251)

DN	D	D1	T=T1	F	G	Weight (Design pressure) kg/pce (bar)
100	114.3	76.1	3	105	95	1.90(36)
		88.9	3	105	98	2.00(33)
125	139.7	88.9	3	124	111	2.80(29)
		114.3	3	124	117	2.90(25)
150	168.3	114.3	3	148	130	3.90(22)
		139.7	3	148	137	4.00(19)
200	219.1	139.7	3	178	162	6.20(16)
		168.3	3	178	168	6.40(14)
250	273.0	168.3	3	216	194	9.30(12)
		219.1	3	216	203	9.70(10)
300	323.9	219.1	3	254	229	13.1(9)
		273.0	3	254	241	13.6(8)
350	355.6	273.0	3	279	257	16.1(7)
		323.9	3	279	270	16.8(6)
400	406.4	323.9	3	305	295	20.3(6)
		355.6	3	305	305	20.8(6)
450	457	406.4	3	343	330	26.0(5)
		355.6	3	343	330	25.6(5)
500	508	406.4	3	381	356	31.4(4)
		457	3	381	368	32.3(4)
600	610	457	3	432	419	42.4(3.6)
		508	3	432	432	43.3(3)

The pressure ratings are calculated for grade EN 1.4307 at 20°C according to EN 10253-3 type A. (welding factor Z=0.7)
All products can with additional testing be delivered to meet EN 10253-4 type A. This has to be confirmed when ordering.
Smaller, bigger and multiple thicknesses are available upon request.

Fabricated on request