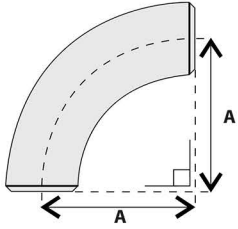
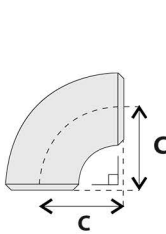


Conexões para Solda ASTM A234

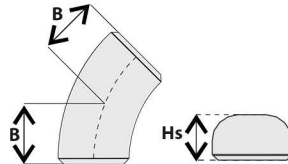
Curva 90°
Raio Longo



Curva 90°
Raio Curto



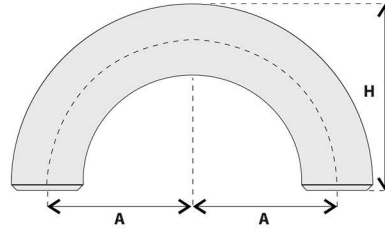
Curva 45°
Raio Longo



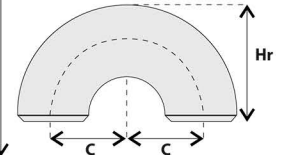
Caps
Tampão



Curva 180°
Raio Longo



Curva 180°
Raio Curto



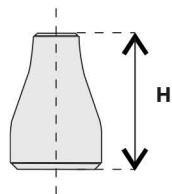
Dimensões <

Diâmetro Nominal	A	B	C	H	Hr	Hs
Polegadas	mm	mm	mm	mm	mm	mm
1/2"	38,10	15,87	-	47,62	-	25,40
3/4"	28,57	14,28	-	42,86	-	25,40
1"	38,10	22,22	25,40	55,57	41,27	38,10
1 1/4"	47,62	25,40	31,75	69,85	52,38	38,10
1 1/2"	57,15	28,57	38,10	82,55	61,91	38,10
2"	76,20	34,92	50,80	106,37	80,97	38,10
2 1/2"	95,25	44,45	63,50	131,77	100,01	38,10
3"	114,30	50,80	76,20	158,75	120,65	50,80
3 1/2"	133,35	57,15	88,90	184,15	139,70	63,50
4"	152,40	63,50	101,60	209,55	158,75	63,50
5"	190,50	79,37	127,00	261,93	196,85	76,20
6"	228,60	92,25	152,40	312,73	236,53	88,90
8"	304,80	127,00	203,20	414,33	312,73	101,60
10"	381,00	158,75	254,00	517,52	390,52	127,00
12"	457,20	190,50	304,80	619,12	466,72	152,40
14"	533,40	225,25	355,60	711,20	533,40	165,10
16"	609,60	254,00	406,40	812,80	609,60	177,80
18"	685,80	285,75	457,20	914,40	685,80	203,20
20"	762,00	317,50	508,00	1016,00	762,00	228,60
24"	914,40	381,00	609,60	1219,19	914,40	266,70

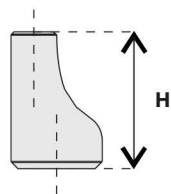
Espessura de Parede <

Diâmetro		Sch 20	Sch 30	STD	Sch 40	Sch 60	XS	Sch 80	Sch 100	Sch 120	Sch 140	Sch 160	XXS
Nominal	Externo	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1/2"	21,33	-	-	2,76	2,76	-	3,73	3,73	-	-	-	4,77	7,46
3/4"	26,67	-	-	2,87	2,87	-	3,91	3,91	-	-	-	5,56	7,82
1"	33,40	-	-	3,37	3,37	-	4,54	4,54	-	-	-	6,35	9,09
1 1/4"	42,16	-	-	3,55	3,55	-	4,85	4,85	-	-	-	6,35	9,70
1 1/2"	48,26	-	-	3,68	3,68	-	5,08	5,08	-	-	-	7,13	10,16
2"	60,32	-	-	3,91	3,91	-	5,53	5,53	-	-	-	8,73	11,07
2 1/2"	73,02	-	-	5,15	5,15	-	7,01	7,01	-	-	-	9,52	14,02
3"	88,90	-	-	5,48	5,48	-	7,62	7,62	-	-	-	11,12	15,24
3 1/2"	101,60	-	-	5,74	5,74	-	8,07	8,07	-	-	-	-	16,15
4"	114,30	-	-	6,02	6,02	-	8,56	8,56	-	11,12	-	13,48	17,12
5"	141,30	-	-	6,55	6,55	-	9,52	9,52	-	12,70	-	18,87	19,05
6"	168,27	-	-	7,11	7,11	-	10,97	10,97	-	14,27	-	18,26	21,94
8"	219,07	6,35	7,03	8,17	8,17	10,31	12,70	12,70	15,08	18,26	20,62	23,01	22,22
10"	273,05	6,35	7,79	9,27	9,27	12,70	12,70	15,08	18,26	21,43	25,40	28,57	25,40
12"	328,85	6,35	8,38	9,52	10,31	14,27	12,70	17,47	21,43	25,40	28,57	33,32	25,40
14"	355,60	7,92	9,52	9,52	11,12	15,08	12,70	19,50	23,82	27,78	31,75	35,71	-
16"	406,40	7,92	9,52	9,52	12,70	16,66	12,70	21,43	26,18	30,96	36,52	40,48	-
18"	457,40	7,92	11,12	9,52	14,27	19,05	12,70	23,82	29,36	34,92	39,67	45,23	-
20"	580,00	9,52	12,70	9,52	15,08	20,62	12,70	26,18	32,53	38,10	44,45	50,01	-
24"	609,60	9,52	14,27	9,52	17,47	24,61	12,70	30,96	38,88	46,02	52,37	59,53	-

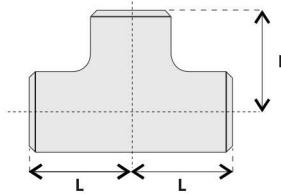
Redução Concêntrica



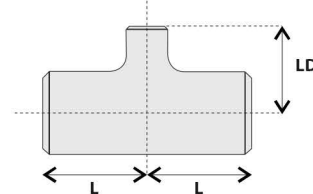
Redução Excêntrica



Tê com e sem costura



Tê de Redução com e sem costura

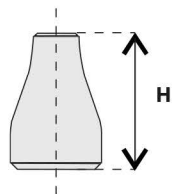


Dimensões <

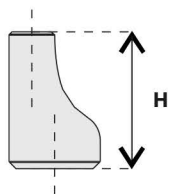
Diâmetro Nominal	Diâmetro Nominal	L	LD	H
Polegadas	Polegadas	mm	mm	mm
3/4"	3/4"	28,57	-	-
	1/2"	28,57	28,57	38,10
1"	1"	38,10	-	-
	3/4"	38,10	38,10	50,80
1 1/4"	1/2"	38,10	38,10	50,80
	3/4"	47,62	-	-
1 1/2"	1"	47,62	47,62	50,80
	3/4"	47,62	47,62	50,80
	1/2"	47,62	47,62	50,80
	1/4"	47,62	47,62	50,80
1 1/2"	1 1/2"	57,15	-	-
	1 1/4"	57,15	57,15	63,50
	1"	57,15	57,15	63,50
	3/4"	57,15	57,15	63,50
	1/2"	57,15	57,15	63,50
2"	2"	63,50	-	-
	1 1/2"	63,50	63,50	76,20
	1 1/4"	63,50	57,15	76,20
	1"	63,50	50,80	76,20
	3/4"	63,50	44,45	76,20
2 1/2"	2 1/2"	76,20	-	-
	2"	76,20	69,85	88,90
	1 1/2"	76,20	66,67	88,90
	1 1/4"	76,20	63,50	88,90
	1"	76,20	57,15	88,90
3"	3"	85,72	-	-
	2 1/2"	85,72	82,55	88,90
	2"	85,72	76,20	88,90
	1 1/2"	85,72	73,02	88,90
	1 1/4"	85,72	69,85	88,90
4"	4"	104,77	-	-
	3"	104,77	98,42	101,60
	2 1/2"	104,77	95,25	101,60
	2"	104,77	88,90	101,60
	1 1/2"	104,77	85,72	101,60
5"	5"	123,82	-	-
	4"	123,82	117,47	127,00
	3"	123,82	111,12	127,00
	2 1/2"	123,82	107,95	127,00
	2"	123,82	104,77	127,00
6"	6"	142,87	-	-
	5"	142,87	136,52	139,70
	4"	142,87	130,17	139,70
	3"	142,87	123,82	139,70
	2 1/2"	142,87	120,65	139,70
8"	8"	177,80	-	-
	6"	177,80	168,27	152,40
	5"	177,80	161,92	152,40
	4"	177,80	155,57	152,40

Conexões para Solda ASTM A234

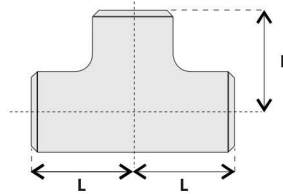
Redução Concêntrica



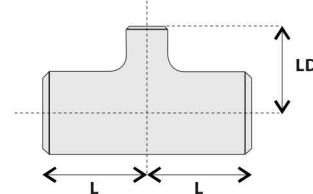
Redução Excêntrica



Tê com e sem costura



Tê de Redução com e sem costura



Dimensões <

Diâmetro Nominal	Diâmetro Nominal	L	LD	H
Polegadas	Polegadas	mm	mm	mm
10"	10"	215,89	-	-
	8"	215,89	203,20	177,80
	6"	215,89	193,67	177,80
	5"	215,89	190,50	177,80
	4"	215,89	184,15	177,80
12"	12"	254,00	-	-
	10"	254,00	241,30	203,20
	8"	254,00	228,60	203,20
	6"	254,00	219,07	203,20
	5"	254,00	215,90	203,20
14"	14"	279,40	-	-
	12"	279,40	269,87	330,20
	10"	279,40	257,17	330,20
	8"	279,40	247,65	330,20
	6"	279,40	238,12	330,20
16"	16"	304,80	-	-
	14"	304,80	304,80	355,60
	12"	304,80	295,27	355,60
	10"	304,80	282,57	355,60
	8"	304,80	273,05	355,60
18"	16"	342,90	-	-
	14"	342,90	330,20	381,00
	12"	342,90	320,67	381,00
	10"	342,90	307,97	381,00
	8"	342,90	298,45	381,00
20"	20"	381,00	-	-
	18"	381,00	368,30	508,00
	16"	381,00	355,60	508,00
	14"	381,00	355,60	508,00
	12"	381,00	346,07	508,00
	10"	381,00	333,37	508,00
24"	24"	431,80	-	-
	20"	431,80	431,80	508,00
	18"	431,80	419,10	508,00
	16"	431,80	406,40	508,00
	14"	431,80	406,40	508,00
	12"	431,80	396,87	508,00