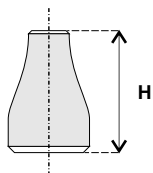
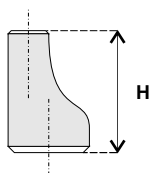
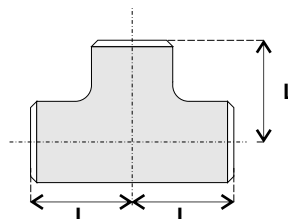
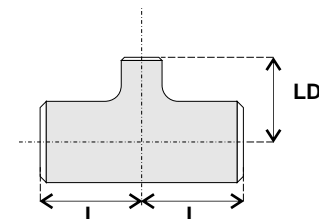


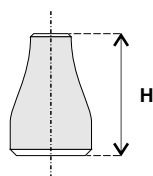
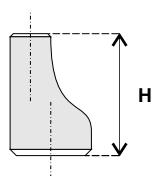
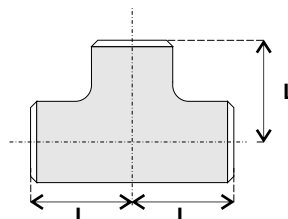
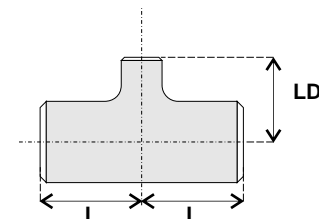
Dimensões						
Diâmetro Nominal	A	B	C	H	Hr	Hs
Polegadas	mm	mm	mm	mm	mm	mm
½"	38,10	15,87	-	47,62	-	25,40
¾"	28,57	14,28	-	42,86	-	25,40
1"	38,10	22,22	25,40	55,57	41,27	38,10
1¼"	47,62	25,40	31,75	69,85	52,38	38,10
1½"	57,15	28,57	38,10	82,55	61,91	38,10
2"	76,20	34,92	50,80	106,37	80,97	38,10
2½"	95,25	44,45	63,50	131,77	100,01	38,10
3"	114,30	50,80	76,20	158,75	120,65	50,80
3½"	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												
Pol.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
½"	21,33	-	-	2,76	2,76	-	3,73	3,73	-	-	-	4,77	7,46
¾"	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
1¼"	42,16	-	-	3,55	3,55	-	4,85	4,85	-	-	-	6,35	9,70
1½"	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
2½"	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
3½"	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  
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## Dimensões

Diâmetro Nominal	Diâmetro Nominal	L	LD	H
Polegadas	Polegadas	mm	mm	mm
¾"	¾"	28,57	-	-
	½"	28,57	28,57	38,10
1"	1"	38,10	-	-
	¾"	38,10	38,10	50,80
	½"	38,10	38,10	50,80
1.¼"	1.¼"	47,62	-	-
	1"	47,62	47,62	50,80
	¾"	47,62	47,62	50,80
	½"	47,62	47,62	50,80
1.½"	1.½"	57,15	-	-
	1.¼"	57,15	57,15	63,50
	1"	57,15	57,15	63,50
	¾"	57,15	57,15	63,50
	½"	57,15	57,15	63,50
2"	2"	63,50	-	-
	1.½"	63,50	63,50	76,20
	1.¼"	63,50	57,15	76,20
	1"	63,50	50,80	76,20
	¾"	63,50	44,45	76,20
2.½"	2.½"	76,20	-	-
	2"	76,20	69,85	88,90
	1.½"	76,20	66,67	88,90
	1.¼"	76,20	63,50	88,90
	1"	76,20	57,15	88,90
3"	3"	85,72	-	-
	2.½"	85,72	82,55	88,90
	2"	85,72	76,20	88,90
	1.½"	85,72	73,02	88,90
	1.¼"	85,72	69,85	88,90
4"	4"	104,77	-	-
	3"	104,77	98,42	101,60
	2.½"	104,77	95,25	101,60
	2"	104,77	88,90	101,60
	1.½"	104,77	85,72	101,60
5"	5"	123,82	-	-
	4"	123,82	117,47	127,00
	3"	123,82	111,12	127,00
	2.½"	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
	2.½"	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

Redução  
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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
	6"	304,80	263,52	355,60
18"	18"	342,90	-	-
	16"	342,90	330,20	381,00
	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
	8"	381,00	323,85	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