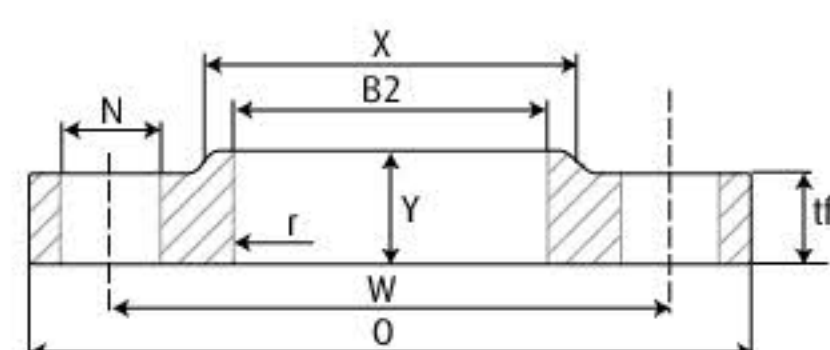
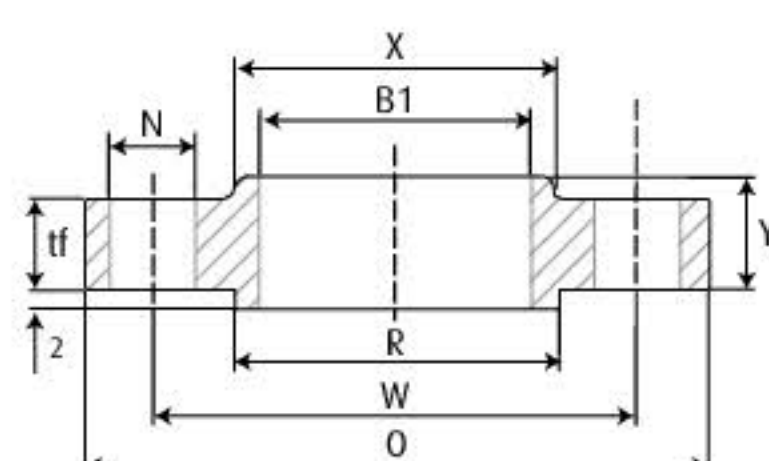


TUBOS E CONEXÕES DE AÇO

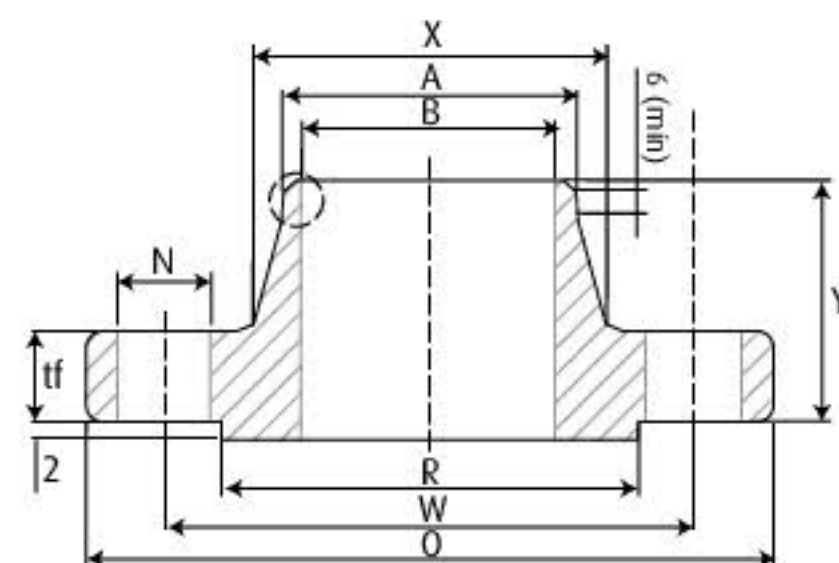
FLANGE – Aço Carbono – ASTM A105



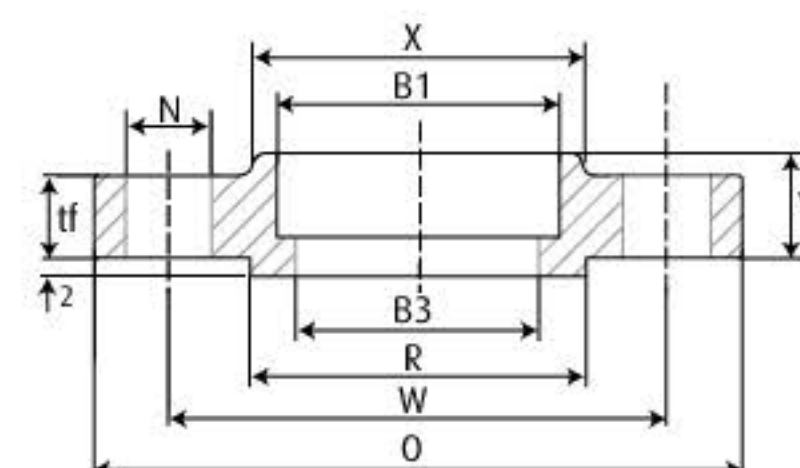
SOLTO
Lapped



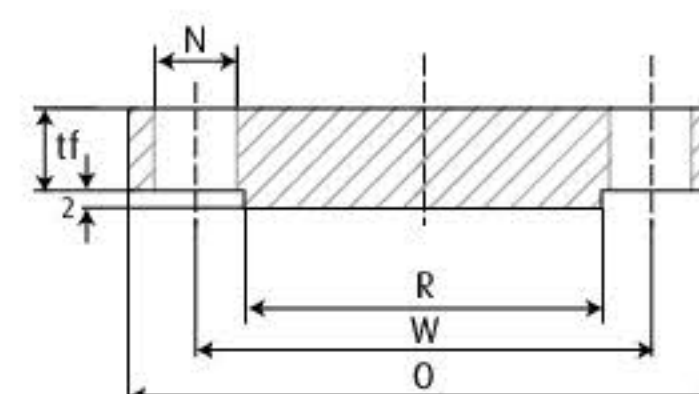
SO
Slip on



WN
Welding Neck



SW
Socket Welding



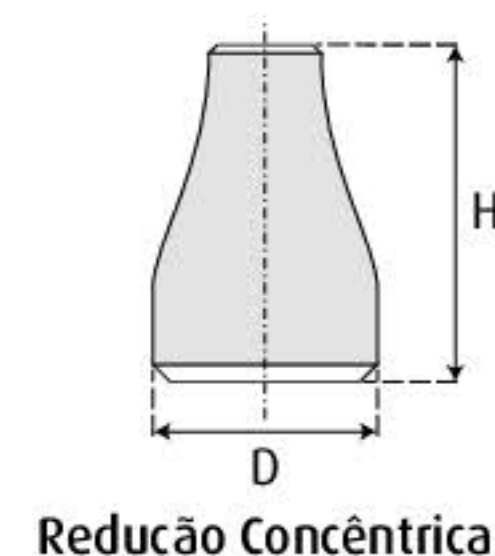
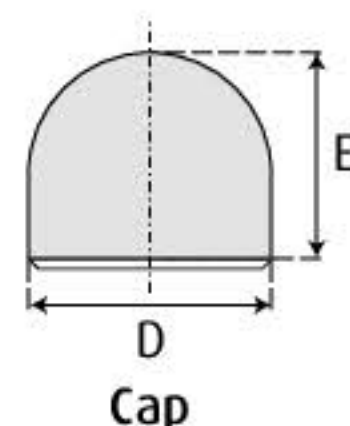
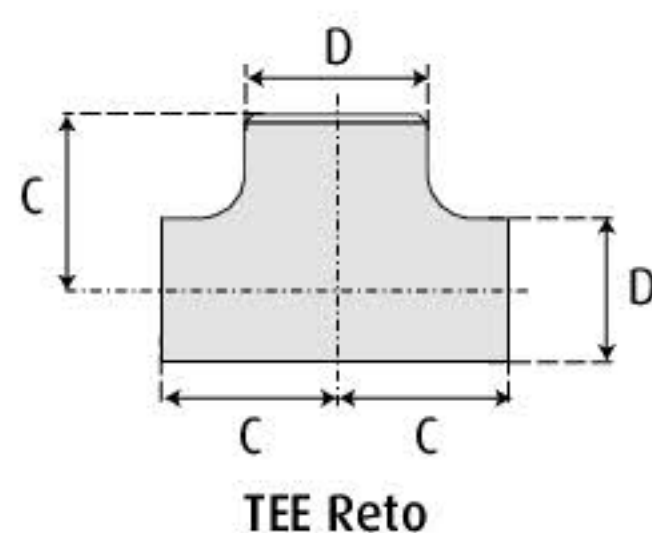
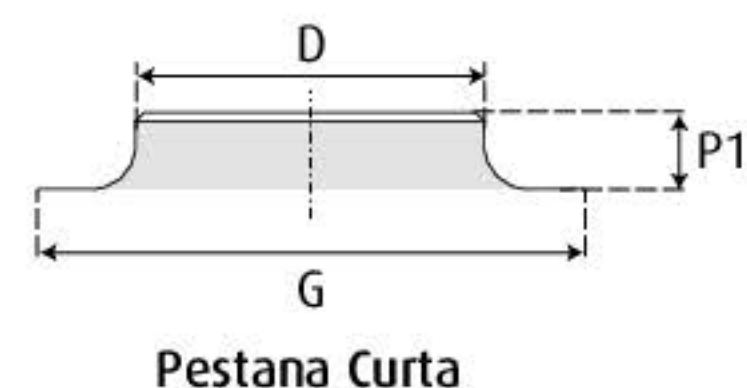
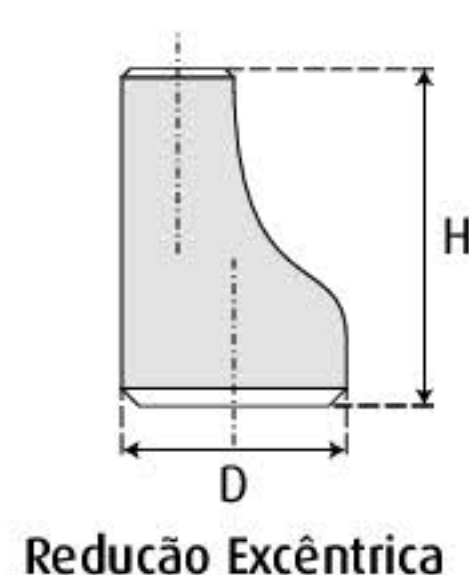
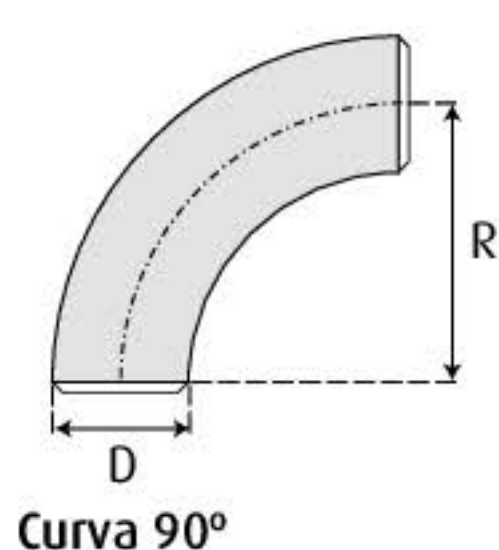
CEGO
Blind

POL	R	O	W	N	Nº de Furos	tf	tf solto	tf Solto Especial	X	A	Y1 so,sw	Y2 solto	Y3 wn	B1 so,sw	B2 solto	B3 wn,so	r	D
1/2	34,9	90	60,3	15,8	4	9,6	11,2	–	30	21,3	14	16	46	22,2	22,9	15,8	3	10
3/4	42,9	100	69,9	15,8	4	11,2	12,7	–	38	26,7	14	16	51	27,7	28,2	20,9	3	11
1	50,8	110	79,4	15,8	4	12,7	14,3	–	49	33,4	16	17	54	34,5	34,9	26,6	3	13
1 1/4	63,5	115	88,9	15,8	4	14,3	15,9	–	59	42,2	19	21	56	43,2	43,7	35,1	5	14
1 1/2	73,0	125	98,4	15,8	4	15,9	17,5	–	65	48,3	21	22	60	49,5	50,0	40,9	6	16
2	92,1	150	120,7	19,05	4	17,5	19,1	–	78	60,3	24	25	62	61,9	62,5	52,5	8	17
2 1/2	104,8	180	139,7	19,05	4	20,7	22,3	–	90	73,0	27	29	68	74,6	75,4	62,7	8	19
3	127,0	190	152,4	19,05	4	22,3	23,9	–	108	88,9	29	30	68	90,7	91,4	77,9	10	21
3 1/2	139,7	215	177,8	19,05	8	22,3	23,9	–	122	101,6	30	2	70	103,4	104,1	90,1	10	–
4	157,2	230	190,5	19,05	8	22,3	23,9	–	135	114,3	32	33	75	116,1	116,8	102,3	11	–
5	185,7	255	215,9	22,2	8	22,3	23,9	–	164	141,3	35	36	87	143,8	144,4	128,2	11	–
6	215,9	280	241,3	22,2	8	23,9	25,4	24,0	192	168,3	38	40	87	170,7	171,4	154,1	13	–
8	269,9	345	298,5	22,2	8	27,0	28,6	24,0	246	219,1	43	44	100	221,5	222,2	202,7	13	–
10	323,8	405	362,00	25,4	12	28,6	30,2	24,0	305	273,0	48	49	100	276,2	277,4	254,6	13	–
12	381,0	485	431,8	25,4	12	30,2	31,8	24,0	365	323,8	54	56	113	327,0	328,2	304,8	13	–
14	41,8	535	476,3	28,58	12	33,4	35,0	24,0	400	355,6	56	79	125	359,2	360,2	333,5	13	–
16	469,9	595	539,8	28,58	16	35,0	36,6	24,0	457	406,4	62	87	125	410,5	411,2	387,3	13	–
18	533,4	635	577,9	31,75	16	38,1	39,7	24,0	505	457,0	67	97	138	461,8	462,3	438,2	13	–
20	584,2	700	635,0	31,75	20	41,3	42,9	24,0	559	508,0	71	103	143	513,1	514,4	489,0	13	–
24	692,2	815	749,3	34,93	20	46,1	47,7	24,0	663	610,0	81	111	151	616,0	616,0	590,6	13	–

Flange Liso Solto poderá ser fabricado com chapa ASTM A36 espessura 25,4 mm para diâmetros acima de Ø 6" (Especial)
Flange conforme ASME ANSI B16.5 - 150 Libras

TUBOS E CONEXÕES DE AÇO

TABELA DE CONEXÕES – Dimensões em Diâmetro Externo – OD



DIÂMETRO EXTERNO

D (Diâmetro)		Curva 90° Raio Longo	Curva 90° Raio Curto	TEE	CAP	REDUÇÃO	Ø ABA PESTANA	ALTURA DO PESCOÇO
		R	R	C	E	H	TIPO CURTA	PESTANA ESTAMPADA
NPS	mm						G	P 1
1/2"	12,70	38	–	–	–	H = Diâmetro Maior – Diâmetro Menor x 3	44	6
3/4"	19,05	38	–	–	–		50	8
1"	25,40	38	–	35	15		55	8
1.1/4"	31,70	48	–	40	20		62	9
1.1/2"	38,10	57	–	45	20		72	10
2"	50,80	76	–	55	25		85	12
2.1/2"	63,50	95	–	70	30		100	13
3"	76,20	114	–	80	33		118	14
4"	101,60	152	–	95	36		150	16
5"	127,00	190	142	125	35		175	20
6"	152,40	229	169	150	31		200	22
8"	203,20	305	219	200	50		260	26
10"	254,00	381	273	250	58		312	26
12"	304,80	457	323	300	68		365	28

Espessura 2,00 até 6,35 mm - Material em Aço Inox AISI 304L / 316L e Aços de Ligas Especiais