

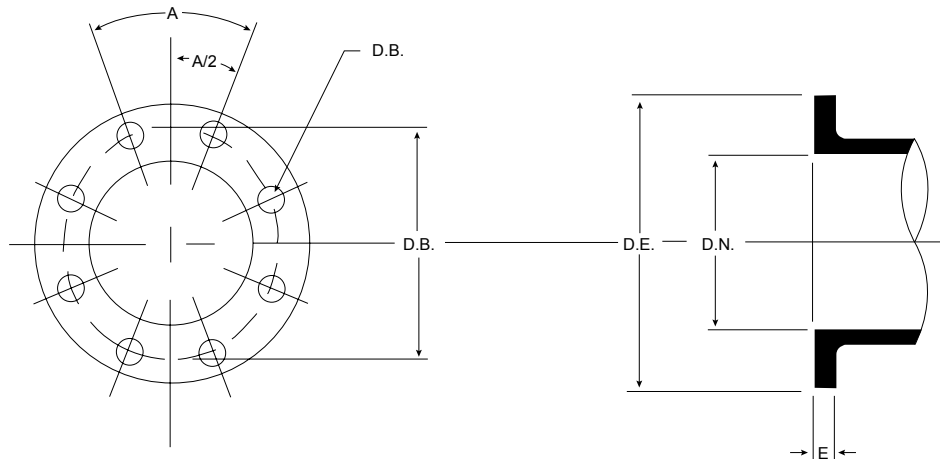
CONEXIONES

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CONEXIONES

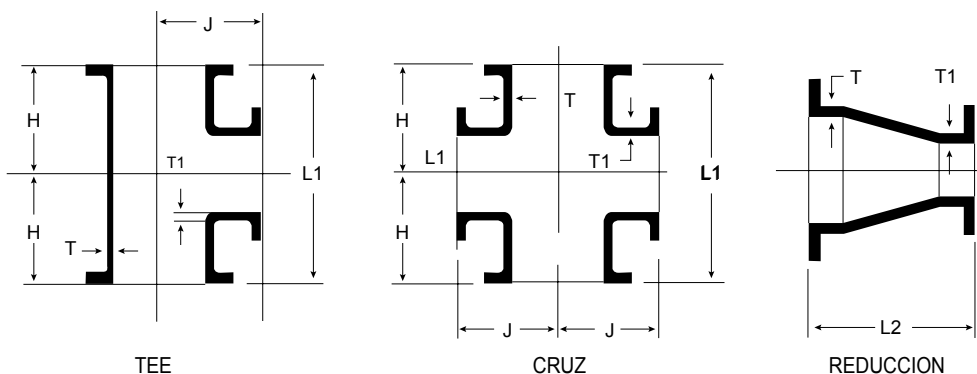
BRIDAS DE CONEXIONES



Diámetro Nominal		Diámetro Exterior		Espesor		Círculo de los barrenos	Diámetro de los barrenos	Número de tornillos	Diámetro de tornillos	Longitud de los tornillos
D.N.	D.E.	E	C.B.	D.B.						
Pulgadas	Milímetros	Pulgadas	Milímetros	Pulgadas	Milímetros	Pulgadas	Pulgadas	Pulgadas		
2	51	6.00	152	0.63	16	1.75	0.75	4	0.63	5/8 x 2 1/2
2 1/2	64	7.00	178	0.75	16	5.50	0.75	4	0.63	5/8 x 2 1/2
3	76	7.50	190	0.94	19	6.00	0.75	4	0.63	5/8 x 2 1/2
4	102	9.00	229	0.94	24	7.50	0.75	8	0.63	5/8 x 3
6	152	11.00	279	1.00	25	9.50	0.88	8	0.75	5/8 x 3 1/2
8	203	13.50	340	1.13	29	11.75	0.88	8	0.75	5/8 x 3 1/2
10	254	16.00	406	1.19	30	14.25	1.00	12	0.88	7/8 x 4
12	305	19.00	480	1.25	32	17.00	1.00	12	0.88	7/8 x 4
14	356	21.00	533	1.38	35	18.75	1.13	12	1.00	1 x 4 1/2
16	406	23.50	597	1.44	37	21.25	1.13	16	1.00	1 x 4 1/2
18	457	25.00	635	1.56	40	22.75	1.25	16	1.13	1 1/8 x 5
20	508	27.50	698	1.69	43	25.00	1.25	20	1.13	1 1/8 x 5
24	610	32.00	813	1.88	48	29.50	1.38	20	1.25	1 1/4 x 5 1/2
30	762	38.75	984	2.13	54	36.00	1.38	28	1.25	1 1/4 x 6 1/2
36	914	46.00	1,168	2.38	60	42.75	1.63	32	1.50	1 1/2 x 7
42	1,067	53.00	1,346	2.64	67	49.50	1.63	36	1.50	1 1/2 x 7 1/2
48	1,219	59.50	1,511	2.76	70	56.00	1.63	44	1.50	1 1/2 x 8

CONEXIONES

TEE, CRUZ Y REDUCCION



Capacidad N6minal		Dimensiones Generales.						Peso		
Pulgadas	Milímetros	Pulgadas.						Kilogramos.		
		H	J	T	T1	L1	L2	Tee	Cruz	Reducci6n.
2 x 2	51 x 51	4.50	4.50	0.35	0.35	9.00		9.08	13.62	
2 1/2 x 2	63 x 51	5.00	5.00	0.35	0.35	10.00				6.36
2 1/2 x 2 1/2	63 x 63	5.00	5.00	0.35	0.35	10.00		12.26	18.61	
3 x 2	76 x 51	5.50	5.50	0.48	0.35	11.00	6.00	15.89	20.43	7.26
3 x 2 1/2	76 x 63	5.50	5.50	0.48	0.35	11.00	6.00	16.80		9.08
3 x 3	76 x 76	5.50	5.50	0.48	0.48	11.00		18.16	22.70	
4 x 2	102 x 51	6.50	6.50	0.52	0.35	13.00	7.00	22.70	27.24	11.35
4 x 2 1/2	102 x 63	6.50	6.50	0.52	0.35	13.00	7.00	24.97	29.51	12.71
4 x 3	102 x 76	6.50	6.50	0.52	0.48	13.00	7.00	27.24	31.78	13.62
4 x 4	102 x 102	6.50	6.50	0.52	0.52	13.00		29.51	36.32	
6 x 2	152 x 51	8.00	8.00	0.55	0.35	16.00	9.00	38.59	40.86	15.89
6 x 2 1/2	152 x 63	8.00	8.00	0.55	0.35	16.00	9.00	38.59		17.25
6 x 3	152 x 76	8.00	8.00	0.55	0.48	16.00	9.00	38.59	43.13	18.16
6 x 4	152 x 102	8.00	8.00	0.55	0.52	16.00	9.00	40.86	49.94	20.43
6 x 6	152 x 152	8.00	8.00	0.55	0.55	16.00		43.13	54.48	
8 x 3	203 x 76	9.00	9.00	0.60	0.48	18.00	11.00	61.29		27.24
8 x 4	203 x 102	9.00	9.00	0.60	0.52	18.00	11.00	63.56	70.37	29.51
8 x 6	203 x 152	9.00	9.00	0.60	0.55	18.00	11.00	65.83	74.91	34.05
8 x 8	203 x 203	9.00	9.00	0.60	0.60	18.00		70.37	88.53	
10 x 3	254 x 76	11.00	11.00	0.68	0.48	22.00	12.00	90.80		
10 x 4	254 x 102	11.00	11.00	0.68	0.52	22.00	12.00	93.07	99.88	38.59
10 x 6	254 x 152	11.00	11.00	0.68	0.55	22.00	12.00	97.61	108.96	40.86
10 x 8	254 x 203	11.00	11.00	0.68	0.60	22.00	12.00	102.15	120.31	49.94
10 x 10	254 x 254	11.00	11.00	0.80	0.80	22.00		122.58	149.82	
12 x 3	305 x 76	12.00	12.00	0.75	0.48	24.00	14.00	127.12		
12 x 4	305 x 102	12.00	12.00	0.75	0.52	24.00	14.00	131.66	140.74	54.48
12 x 6	205 x 152	12.00	12.00	0.75	0.55	24.00	14.00	133.93	145.28	59.02
12 x 8	305 x 203	12.00	12.00	0.75	0.60	24.00	14.00	140.74	156.63	65.83
12 x 10	305 x 254	12.00	12.00	0.88	0.80	24.00	14.00	163.44	188.41	77.18
12 x 12	305 x 305	12.00	12.00	0.88	0.88	24.00		174.79	208.84	
14 x 4	356 x 102	14.00	14.00	0.66	0.52	28.00	16.00	165.71		68.10
14 x 6	356 x 152	14.00	14.00	0.66	0.55	28.00	16.00	170.25	181.60	70.37
14 x 8	356 x 203	14.00	14.00	0.66	0.60	28.00	16.00	177.06	192.95	79.45
14 x 10	356 x 254	14.00	14.00	0.66	0.68	28.00	16.00	181.60	208.84	86.26
14 x 12	356 x 305	14.00	14.00	0.82	0.75	28.00	16.00	192.95	229.27	99.88
14 x 14	356 x 356	14.00	14.00	0.82	0.82	28.00		197.49	240.62	
16 x 4	406 x 102	15.00	15.00	0.70	0.52	30.00	18.00	199.76		81.72
16 x 6	406 x 152	15.00	15.00	0.70	0.55	30.00	18.00	211.11	222.46	86.26
16 x 8	406 x 203	15.00	15.00	0.70	0.60	30.00	18.00	215.65	236.08	95.34
16 x 10	406 x 254	15.00	15.00	0.70	0.68	30.00	18.00	224.73	251.97	106.69
16 x 12	406 x 305	15.00	15.00	0.70	0.75	30.00	18.00	236.08	274.67	120.31
16 x 14	406 x 356	15.00	15.00	0.89	0.82	30.00	18.00	240.62	281.48	127.12
16 x 16	406 x 406	15.00	15.00	0.89	0.89	30.00		249.70	301.91	

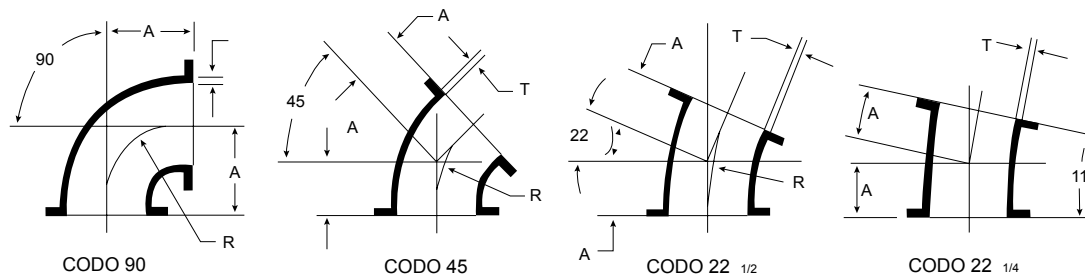
CONEXIONES

TEE, CRUZ Y REDUCCION

Capacidad N6minal		Dimensiones Generales.						Peso.		
		Pulgadas.						Kilogramos.		
Pulgadas	Milímetros	H	J	T	T1	L1	L2	Tee	Cruz	Reducci6n.
18 x 6	457 x 152	13.00	15.50	0.75	0.55	26.00	19.00	217.92	229.27	104.42
18 x 8	457 x 203	13.00	15.50	0.75	0.60	26.00	19.00	224.73	242.89	108.96
18 x 10	457 x 254	13.00	15.50	0.75	0.68	26.00	19.00	231.54	254.24	120.31
18 x 12	457 x 305	13.00	15.50	0.75	0.75	26.00	19.00	242.89	276.94	133.93
18 x 14	457 x 356	16.50	16.50	0.75	0.66	33.00	19.00	286.02	326.88	140.74
18 x 16	457 x 406	16.50	16.50	0.96	0.89	33.00	19.00	295.10	347.31	154.36
18 x 18	457 x 457	16.50	16.50	0.96	0.96	33.00		301.91	360.93	
20 x 6	508 x 152	14.00	17.00	0.80	0.55	28.00	20.00	276.94	288.29	136.20
20 x 8	508 x 203	14.00	17.00	0.80	0.60	28.00	20.00	281.48	301.91	138.47
20 x 10	508 x 254	14.00	17.00	0.80	0.68	28.00	20.00	288.29	310.99	140.74
20 x 12	508 x 305	14.00	17.00	0.80	0.75	28.00	20.00	299.64	333.69	156.63
20 x 14	508 x 356	14.00	17.00	0.80	0.66	28.00	20.00	301.91	338.23	161.17
20 x 16	508 x 406	18.00	18.00	0.80	0.70	36.00	20.00	367.74	415.41	177.06
20 x 18	508 x 457	18.00	18.00	1.03	0.96	36.00	20.00	372.28	429.03	186.14
20 x 20	508 x 508	18.00	18.00	1.03	1.03	36.00		388.17	460.81	
24 x 6	610 x 152	15.00	19.00	0.89	0.55	30.00	24.00	383.63	397.25	
24 x 8	610 x 203	15.00	19.00	0.89	0.60	30.00	24.00	390.44	406.33	208.84
24 x 10	610 x 254	15.00	19.00	0.89	0.68	30.00	24.00	399.52	422.22	213.38
24 x 12	610 x 305	15.00	19.00	0.89	0.75	30.00	24.00	404.06	435.84	217.92
24 x 14	610 x 356	15.00	19.00	0.89	0.66	30.00	24.00	408.60	442.65	222.46
24 x 16	610 x 356	15.00	19.00	0.89	0.70	30.00	24.00	415.41	458.54	238.35
24 x 18	610 x 457	22.00	22.00	0.89	0.75	44.00	24.00	553.88	619.71	249.70
24 x 20	610 x 508	22.00	22.00	1.16	1.03	44.00	24.00	569.77	649.22	267.86
24 x 24	610 x 610	22.00	22.00	1.16	1.16	44.00	24.00	603.82	712.78	
30 x 6	762 x 152	18.00	23.00	1.03	0.55	36.00		665.56		
30 x 8	762 x 203	18.00	23.00	1.03	0.60	36.00	30.00	667.38		
30 x 10	762 x 254	18.00	23.00	1.03	0.68	36.00	30.00	671.92		
30 x 12	762 x 305	18.00	23.00	1.03	0.75	36.00	30.00	676.46	710.51	
30 x 14	762 x 356	18.00	23.00	1.03	0.66	36.00	30.00	676.46	712.78	
30 x 16	762 x 406	18.00	23.00	1.03	0.70	36.00	30.00	683.27	728.67	
30 x 18	762 x 457	18.00	23.00	1.03	0.75	36.00	30.00	687.81	733.21	367.74
30 x 20	762 x 508	18.00	23.00	1.03	0.80	36.00	30.00	699.16	758.18	394.98
30 x 24	762 x 610	25.00	25.00	1.38	1.16	50.00	30.00	919.35	1019.23	440.38
30 x 30	762 x 762	25.00	25.00	1.38	1.38	50.00		976.10	1135.00	
36 x 12	914 x 305	20.00	26.00	1.15	0.75	40.00	36.00	985.18	1016.96	
36 x 14	914 x 356	20.00	26.00	1.15	0.66	40.00	36.00	987.45	1016.96	
36 x 16	914 x 406	20.00	26.00	1.15	0.70	40.00	36.00	991.99	1030.58	
36 x 18	914 x 457	20.00	26.00	1.15	0.75	40.00	36.00	994.26	1035.12	
36 x 20	914 x 508	20.00	26.00	1.15	0.80	40.00	36.00	1003.34	1055.55	558.42
36 x 24	914 x 610	20.00	26.00	1.15	0.89	40.00	36.00	1023.77	1091.87	610.63
36 x 30	914 x 762	28.00	28.00	1.58	1.03	56.00	36.00	1362.00	1498.20	705.97
36 x 36	914 x 914	28.00	28.00	1.58	1.25	56.00		1434.64	1470.96	
42 x 12	1067 x 305	31.00	30.00	1.78	0.75	62.00		1436.91	1484.58	
42 x 14	1067 x 356	31.00	30.00	1.78	0.66	62.00		1439.18	0.00	
42 x 16	1067 x 406	31.00	30.00	1.78	0.70	62.00		1443.72	1484.58	
42 x 18	1067 x 457	31.00	30.00	1.78	0.75	62.00		1445.99	1486.85	
42 x 20	1067 x 508	31.00	30.00	1.78	0.80	62.00		1455.07	1507.28	
42 x 24	1067 x 610	31.00	30.00	1.78	0.89	62.00	42.00	1473.23	1541.33	826.28
42 x 30	1067 x 762	31.00	30.00	1.78	1.03	62.00	42.00	1872.75	1986.25	935.24
42 x 36	1067 x 914	31.00	30.00	1.78	1.25	62.00	42.00	2433.44	2599.15	1064.63
42 x 42	1067 x 1067	31.00	34.00	1.78	1.28	62.00		2533.32	2794.37	

CONEXIONES

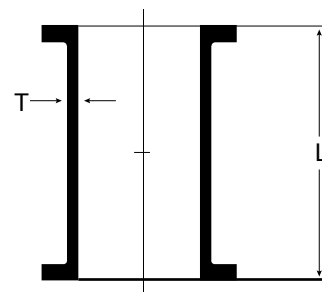
CODOS



Cap. Nom.	Dimensiones Generales									Peso en Kilogramos			
	Codos de 90°		Codos de 45°		Codos de 22 1/2°		Codos de 11 1/4°		Espesor	90°	45°	22 1/2°	11 1/4°
Pulgadas	A	R	A	R	A	R	A	R	T				
2	4.50	3.00	2.50	2.41	2.50	6.04	2.50	12.69	0.350	6.00	5.00	5.00	5.00
2 1/2	5.00	3.50	3.00	3.02	3.00	6.80	2.75	13.97	0.350	9.00	7.00	7.00	7.00
3	5.50	4.00	3.00	3.62	3.00	7.56	3.00	15.25	0.480	11.00	9.00	9.00	9.00
4	6.50	4.50	4.00	4.81	4.00	10.06	4.00	20.31	0.520	20.00	18.00	18.00	18.00
6	8.00	6.00	5.00	7.25	5.00	15.06	5.00	30.50	0.550	29.00	25.00	25.00	25.00
8	9.00	7.00	5.50	8.44	5.50	17.62	5.50	35.50	0.600	48.00	41.00	41.00	41.00
10	11.00	9.00	6.50	10.88	6.50	22.62	6.50	45.69	0.680	75.00	59.00	61.00	61.00
12	12.00	10.00	7.50	13.25	7.50	27.62	7.50	55.81	0.750	106.00	88.00	93.00	93.00
14	14.00	11.50	7.50	12.06	7.50	25.12	7.50	50.75	0.660	131.00	100.00	102.00	102.00
16	15.00	12.50	8.00	13.25	8.00	27.62	8.00	55.81	0.700	168.00	127.00	129.00	129.00
18	16.00	14.00	8.50	14.50	8.50	30.19	8.50	60.94	0.750	204.00	147.00	152.00	152.00
20	18.00	15.50	9.50	16.88	9.50	35.19	9.50	71.06	0.800	263.00	195.00	197.00	197.00
24	22.00	18.50	11.00	18.12	15.00	37.96	11.00	76.12	0.890	408.00	285.00	290.00	292.00
30	25.00	21.50	15.00	22.75	15.00	57.81	15.00	116.75	1.030	648.00	507.00	516.00	522.00
36	28.00	24.50	18.00	35.00	18.00	72.88	18.00	147.25	1.150	967.00	795.00	813.00	820.00
42	31.00	27.50	21.00	42.25	21.00	88.00	21.00	177.89	1.280	1385.00	1179.00	1209.00	1215.00

CARRETES

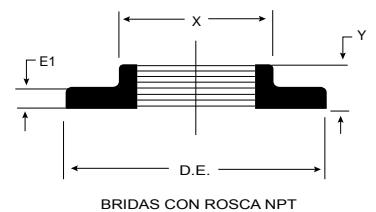
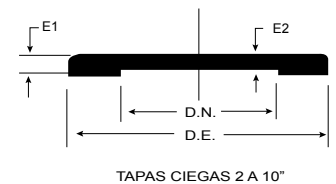
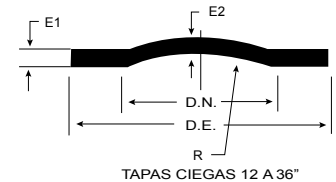
Cap. Nom.	Dimensiones Generales			Peso Kg.	
	Corto	Largo	T	Corto	Largo
Pulgadas	(L) Mm.		Pulgadas		
2	250	500	0.350	6	9
2 1/2	200	500	0.350	8	12
3	200	500	0.480	11	17
4	200	500	0.520	17	26
6	200	500	0.550	25	38
8	200	500	0.600	38	57
10	200	500	0.680	52	78
12	200	500	0.750	73	108
14	200	500	0.660	84	119
16	200	500	0.700	104	146
18	200	500	0.750	108	153
20	200	500	0.800	141	203
24	200	500	0.890	192	273
30	200	500	1.030	282	398
36	400	750	1.150	404	715



CONEXIONES

TAPAS CIEGAS Y BRIDAS CON ROSCA

Diámetro nominal (DN)	Dimensiones Generales						Peso en Kilogramos	
	D. E.	E1	E2	R	Y	X	Tapa Ciega	Brida C/R.
Pulgadas	Pulgadas							
2	6.00	0.63	0.56	2	1.00	3.06	2.00	2.00
2 1/2	7.00	0.63	0.63	2.5	1.13	3.56	3.00	3.00
3	7.50	0.75	0.69	3	1.19	4.25	4.00	4.00
4	9.00	0.94	0.88	4	1.31	5.31	7.00	5.50
5	10.00	0.94	0.88	5	1.44	6.44	8.50	7.00
6	11.00	1.00	0.94	6	1.56	7.56	11.30	8.50
8	13.50	1.13	1.06	8	1.75	9.69	18.10	11.50
10	16.00	1.19	1.13	10	1.94	11.94	27.20	16.00
12	19.00	1.25	0.81	12	2.19	14.06	36.20	25.00
14	21.00	1.38	0.88	14	2.25	15.38	49.80	34.50
16	23.50	1.44	1.00	16	2.50	17.50	65.70	43.50
18	25.00	1.56	1.06	18	2.69	19.63	79.30	48.00
20	27.50	1.69	1.13	20	2.88	21.75	101.90	61.50
24	32.00	1.88	1.25	24			154.00	
30	38.75	2.13	2.13	30			253.70	
36	46.00	2.38	2.38	36			400.00	



BRIDAS SOLDABLES

Diámetro nominal	D.E.	E1	Calibre (C)		Peso aproximado
	Pulgadas		Mm.	Pulgadas	Kilogramos
2.00	7.00	0.63	71.00	2.813	1.75
2.50	7.50	0.75	75.00	2.938	2.67
3.00	9.00	0.94	90.00	3.563	3.15
4.00	10.00	0.94	116.00	4.563	5.25
6.00	11.00	1.00	170.00	6.688	7.18
8.00	13.50	1.13	221.00	8.688	11.35
10.00	16.00	1.19	275.00	10.813	15.25
12.00	19.00	1.25	325.00	12.813	23.16
14.00	21.00	1.38	357.00	14.063	31.42
16.00	23.50	1.44	408.00	16.063	39.44
18.00	25.00	1.56	459.00	18.063	42.85
20.00	27.50	1.69	513.00	20.188	53.62
24.00	32.00	1.88	614.00	24.188	75.23
30.00	38.75	2.13	768.00	30.250	113.47
36.00	46.00	2.38	921.00	36.250	170.49

