SIGMA

SIMEX

Conexiones Bridadas



CONEXIONES BRIDADAS

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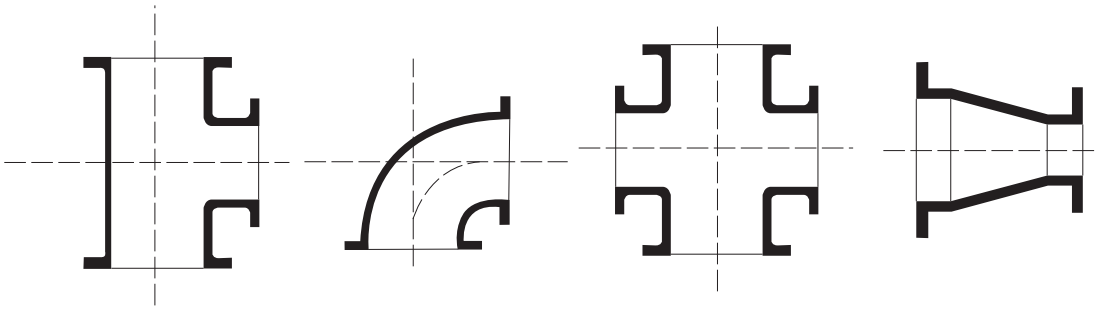
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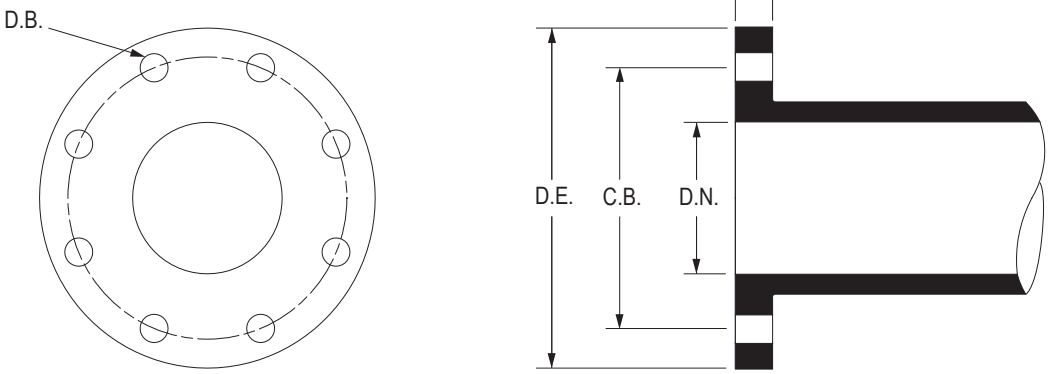
ESPECIFICACIONES TECNICAS

CONEXIONES BRIDADAS



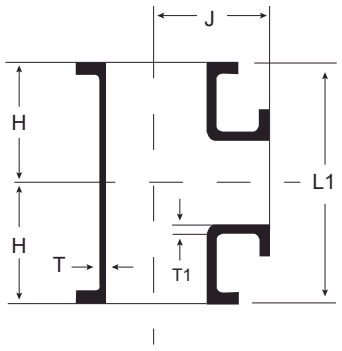
MATERIALES:	Hierro Gris ASTM A48, Grado 30B Hierro Dúctil ASTM A536, Grado 65-45-12
RANGOS DE PRESIÓN:	250 PSI presión de trabajo, en Hierro Gris diámetros de 2” - 12” 150 PSI presión de trabajo, en Hierro Gris diámetros de 14” - 48” 250 PSI presión de trabajo, en Hierro Dúctil diámetros de 2” - 48”
PRUEBAS:	Estricto apego a la norma AWWA/ANSI C110/A21.10
DIMENSIONES:	Estricto apego a la norma AWWA/ANSI C110/A21.10
REVESTIMIENTO DE CEMENTO:	Estricto apego a la norma AWWA/ANSI C104/A21.4.
RECUBRIMIENTO EXTERIOR E INTERIOR:	Pintura bituminosa de acuerdo a la norma AWWA/ANSI C104/A21.4. Certificado NSF-61
CERTIFICACIONES:	2”- 16” Listados (UL) Underwriters Laboratories y Aprobados (FM) Factory Mutual
ESTANDARES:	AWWA/ANSI C110/A21.10

BRIDAS DE CONEXIONES

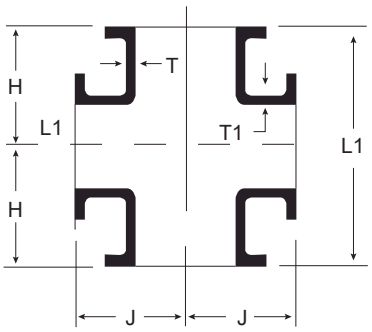


Diámetro Nominal D.N.		Diámetro Exterior	Espesor	Circulo de Barrenos	Diámetro de Barrenos	Número de Barrenos	Dimensiones de Tornillos
		D.E.	T	C.B.	D.B.		
Pulgadas	Milímetros	Pulgadas					Pulgadas
2	51	6.00	0.63	4.75	0.75	4	5/8 X 2 1/2
2 1/2	63	7.00	0.75	5.50	0.75	4	5/8 X 2 1/2
3	76	7.50	0.75	6.00	0.75	4	5/8 X 2 1/2
4	102	9.00	0.94	7.50	0.75	8	5/8 X 3
6	152	11.00	1.00	9.50	0.88	8	3/4 X 3 1/2
8	203	13.50	1.12	11.75	0.88	8	3/4 X 3 1/2
10	254	16.00	1.19	14.25	1.00	12	7/8 X 4
12	305	19.00	1.25	17.00	1.00	12	7/8 X 4
14	356	21.00	1.38	18.75	1.13	12	1 X 4 1/2
16	406	23.50	1.44	21.25	1.13	16	1 X 4 1/2
18	457	25.00	1.56	22.75	1.25	16	1 1/8 X 5
20	508	27.50	1.69	25.00	1.25	20	1 1/8 X 5
24	610	32.00	1.88	29.50	1.38	20	1 1/4 X 5 1/2
30	762	38.75	2.12	36.00	1.38	28	1 1/4 X 6 1/2
36	914	46.00	2.38	42.75	1.63	32	1 1/2 X 7
42	1067	53.00	2.62	49.50	1.63	36	1 1/2 X 7 1/2
48	1219	59.50	2.75	56.00	1.63	44	1 1/2 X 8

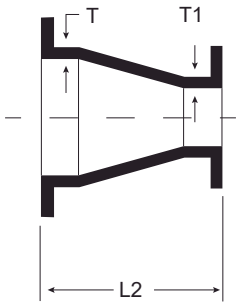
TEE, CRUZ Y REDUCCION CONCENTRICA



TEE



CRUZ



REDUCCION

Diámetro Nominal		Dimensiones Generales						Peso		
		H	J	T	T1	L1	L2	Tee	Cruz	Reducción
Pulgadas	Milímetros	Pulgadas						Kilogramos		
2 X 2	51 X 51	4.50	4.50	0.31	0.31	9	-	9	14	-
2 1/2 X 2	63 X 51	5.00	5.00	0.31	0.31	10	6	11	16	4
2 1/2 X 2 1/2	63 x 63	5.00	5.00	0.31	0.31	10	-	13	18	-
3 X 2	76 x 51	5.50	5.50	0.48	0.31	11	6	16	20	7
3 X 2 1/2	76 x 63	5.50	5.50	0.48	0.31	11	6	17	22	10
3 X 3	76 x76	5.50	5.50	0.48	0.48	11	-	23	23	-
4 X 2	102 x 51	6.50	6.50	0.52	0.31	13	7	23	27	11
4 X 2 1/2	102 x 63	6.50	6.50	0.52	0.31	13	7	25	29	13
4 X 3	102 X 76	6.50	6.50	0.52	0.48	13	7	27	32	14
4 X 4	102 X 102	6.50	6.50	0.52	0.52	13	-	29	36	-
6 X 2	152 X 51	8.00	8.00	0.55	0.31	16	9	36	40	16
6 X 2 1/2	152 X 63	8.00	8.00	0.55	0.31	16	9	39	42	17
6 X 3	152 X 76	8.00	8.00	0.55	0.48	16	9	39	44	18
6 X 4	152 X 102	8.00	8.00	0.55	0.52	16	9	41	50	20
6 X 6	152 X 152	8.00	8.00	0.55	0.55	16	-	43	54	-
8 X 2	203 X 51	9.00	9.00	0.60	0.48	18	11	48	57	21
8 X 2 1/5	203 X 63	9.00	9.00	0.60	0.48	18	11	54	61	25
8 X 3	203 X 76	9.00	9.00	0.60	0.48	18	11	61	64	27
8 X 4	203 X 102	9.00	9.00	0.60	0.52	18	11	64	70	29
8 X 6	203 X 152	9.00	9.00	0.60	0.55	18	11	66	75	34
8 X 8	203X 203	9.00	9.00	0.60	0.60	18	-	70	88	-
10 X 3	254 X 76	11.00	11.00	0.68	0.48	22	12	91	98	34
10 X 4	254 X 102	11.00	11.00	0.68	0.52	22	12	93	100	39
10 X 6	254 X 152	11.00	11.00	0.68	0.55	22	12	98	109	41
10 X 8	254 X 203	11.00	11.00	0.68	0.60	22	12	102	120	50
10 X 10	254 X 254	11.00	11.00	0.80	0.80	22	-	122	150	-

TEE, CRUZ Y REDUCCION CONCENTRICA

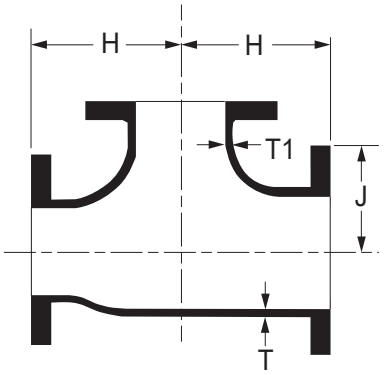
Diámetro Nominal		Dimensiones Generales						Peso		
		H	J	T	T1	L1	L2	Tee	Cruz	Reducción
Pulgadas	Milímetros	Pulgadas						Kilogramos		
12 X 3	305 X 76	12.00	12.00	0.75	0.48	24	14	127	136	52
12 X 4	305 X 102	12.00	12.00	0.75	0.52	24	14	132	141	54
12 X 6	305 X 152	12.00	12.00	0.75	0.55	24	14	134	145	59
12 X 8	305 X 203	12.00	12.00	0.75	0.60	24	14	141	156	66
12 X 10	305 X 254	12.00	12.00	0.87	0.80	24	14	163	188	77
12 X 12	305 X 305	12.00	12.00	0.87	0.87	24	-	175	209	-
14 X 4	356 x 102	14.00	14.00	0.66	0.52	28	16	166	177	67
14 X 6	356 X 152	14.00	14.00	0.66	0.55	28	16	170	181	70
14 X 8	356 X 203	14.00	14.00	0.66	0.60	28	16	177	193	79
14 X 10	356 X 254	14.00	14.00	0.66	0.68	28	16	181	209	86
14 X 12	356 X 305	14.00	14.00	0.66	0.75	28	16	193	229	100
14 X 14	356 X 356	14.00	14.00	0.66	0.66	28	-	197	240	-
16 X 4	406 x 102	15.00	15.00	0.70	0.52	30	18	200	216	77
16 X 6	406 X 152	15.00	15.00	0.70	0.55	30	18	211	222	86
16 X 8	406 X 203	15.00	15.00	0.70	0.60	30	18	215	236	95
16 X 10	406 X 254	15.00	15.00	0.70	0.68	30	18	225	252	107
16 X 12	406 X 305	15.00	15.00	0.70	0.75	30	18	236	274	120
16 X 14	406 X 356	15.00	15.00	0.70	0.66	30	18	240	281	127
16 X 16	406 X 406	15.00	15.00	0.70	0.70	30	-	249	302	-
18 X 4	457 x 102	13.00	15.50	0.75	0.52	26	19	210	219	102
18 X 6	457 x 152	13.00	15.50	0.75	0.55	26	19	218	229	105
18 X 8	457 X 203	13.00	15.50	0.75	0.60	26	19	225	243	109
18 X 10	457 X 254	13.00	15.50	0.75	0.68	26	19	231	254	120
18 X 12	457 X 305	13.00	15.50	0.75	0.75	26	19	243	277	134
18 X 14	457 X 356	16.50	16.50	0.75	0.66	33	19	286	327	141
18 X 16	457 X 406	16.50	16.50	0.75	0.70	33	19	295	347	154
18 X 18	457 X 457	16.50	16.50	0.75	0.75	33	-	302	361	-
20 X 4	508 X 102	14.00	17.00	0.80	0.52	28	20	260	280	119
20 X 6	508 X 152	14.00	17.00	0.80	0.55	28	20	277	288	127
20 X 8	508 X 203	14.00	17.00	0.80	0.60	28	20	281	302	134
20 X 10	508 X 254	14.00	17.00	0.80	0.68	28	20	288	311	141
20 X 12	508 X 305	14.00	17.00	0.80	0.75	28	20	299	333	156
20 X 14	508 X 356	14.00	17.00	0.80	0.66	28	20	302	338	161
20 X 16	508 X 406	18.00	18.00	0.80	0.70	36	20	367	415	177
20 X 18	508 X 457	18.00	18.00	0.80	0.75	36	20	372	429	186
20 X 20	508 X 508	18.00	18.00	0.80	0.80	36	-	388	460	-

TEE, CRUZ Y REDUCCION CONCENTRICA

Diámetro Nominal		Dimensiones Generales						Peso		
		H	J	T	T1	L1	L2	Tee	Cruz	Reducción
Pulgadas	Milímetros	Pulgadas						Kilogramos		
24 X 4	610 X 102	15.00	19.00	0.89	0.55	30	24	375	388	193
24 X 6	610 X 152	15.00	19.00	0.89	0.55	30	24	383	397	197
24 X 8	610 X 203	15.00	19.00	0.89	0.60	30	24	390	406	206
24 X 10	610 X 254	15.00	19.00	0.89	0.68	30	24	399	422	211
24 X 12	610 X 305	15.00	19.00	0.89	0.75	30	24	404	435	218
24 X 14	610 X 356	15.00	19.00	0.89	0.66	30	24	408	442	222
24 X 16	610 X 406	15.00	19.00	0.89	0.70	30	24	415	458	238
24 X 18	610 X 457	22.00	22.00	0.89	0.75	44	24	553	619	249
24 X 20	610 X 508	22.00	22.00	0.89	0.80	44	24	569	649	268
24 X 24	610 X 610	22.00	22.00	0.89	0.89	44	-	603	712	-
30 x 10	762 x 254	18.00	23.00	1.03	0.68	36	30	653	701	331
30 X 12	762 X 305	18.00	23.00	1.03	0.75	36	30	676	710	336
30 X 14	762 X 356	18.00	23.00	1.03	0.66	36	30	676	712	345
30 X 16	762 X 406	18.00	23.00	1.03	0.70	36	30	683	728	349
30 X 18	762 X 457	18.00	23.00	1.03	0.75	36	30	687	733	367
30 X 20	762 X 508	18.00	23.00	1.03	0.80	36	30	699	757	395
30 X 24	762 X 610	25.00	25.00	1.03	0.89	50	30	919	1018	440
30 X 30	762 X 762	25.00	25.00	1.03	1.03	50	-	975	1134	-
36 X 12	914 X 305	20.00	26.00	1.15	0.75	40	36	984	1009	528
36 X 14	914 X 356	20.00	26.00	1.15	0.66	40	36	987	1016	538
36 X 16	914 X 406	20.00	26.00	1.15	0.70	40	36	991	1030	542
36 X 18	914 X 457	20.00	26.00	1.15	0.75	40	36	993	1034	549
36 X 20	914 X 508	20.00	26.00	1.15	0.80	40	36	1002	1055	558
36 X 24	914 X 610	20.00	26.00	1.15	0.89	40	36	1023	1091	565
36 X 30	914 X 762	28.00	28.00	1.15	1.03	56	36	1361	1497	705
36 X 36	914 X 914	28.00	28.00	1.15	1.15	56	-	1433	1642	-
42 X 12	1067 X 305	23.00	30.00	1.28	0.75	46	42	1436	1470	554
42 X 14	1067 X 356	23.00	30.00	1.28	0.66	46	42	1438	1470	610
42 X 16	1067 X 406	23.00	30.00	1.28	0.70	46	42	1442	1483	664
42 X 18	1067 X 457	23.00	30.00	1.28	0.75	46	42	1445	1486	717
42 X 20	1067 X 508	23.00	30.00	1.28	0.80	46	42	1454	1506	762
42 X 24	1067 X 610	23.00	30.00	1.28	0.89	46	42	1472	1540	826
42 X 30	1067 X 762	31.00	31.00	1.28	1.03	62	42	1871	1984	934
42 X 36	1067 X 914	31.00	31.00	1.28	1.15	62	42	2431	2595	1064
42 X 42	1067 X 1067	31.00	31.00	1.78	1.78	62	-	2028	2297	-

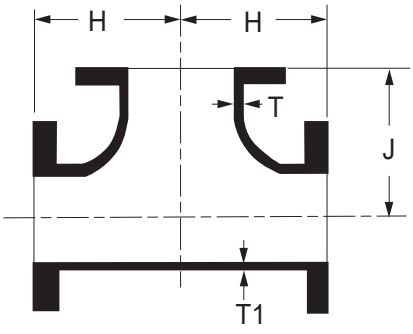
TEE PASO REDUCTOR

Diámetro Nominal		Dimensiones Generales				Peso
		H	J	T	T1	Kilogramos
Pulgadas	Milímetros	Pulgadas				
6 x 4 x 4	152 x 102 x 102	8.00	8.00	0.55	0.52	39
6 x 4 x 6	152 x 102 x 152	8.00	8.00	0.55	0.52	41
8 x 6 x 4	203 x 152 x 102	9.00	9.00	0.60	0.55	57
8 x 6 x 6	203 x 152 x 152	9.00	9.00	0.60	0.55	61
8 x 6 x 8	203 x 152 x 203	9.00	9.00	0.60	0.65	66

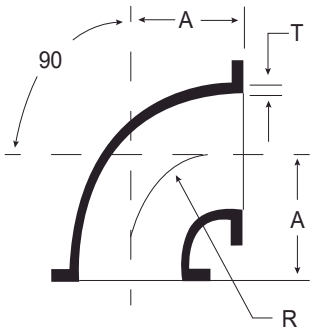


TEE CABEZA DE TORO

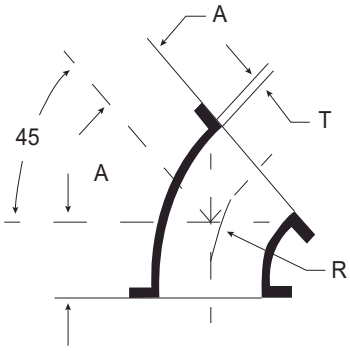
Diámetro Nominal		Dimensiones Generales				Peso
		H	J	T	T1	Kilogramos
Pulgadas	Milímetros	Pulgadas				
4 x 4 x 6	102 x 102 x 152	8.00	8.00	0.52	0.55	41
6 x 6 x 8	152 x 152 203	9.00	9.00	0.55	0.60	64
8 x 8 x 10	203 x 203 x 254	11.00	11.00	0.60	0.67	118
10 x 10 x 12	254 x 254 x 305	12.00	12.00	0.80	0.87	161



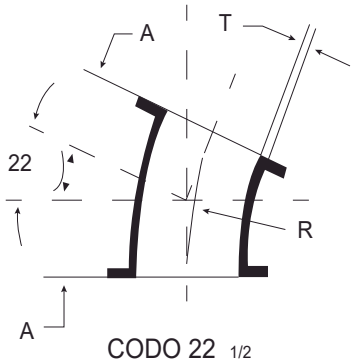
CODOS



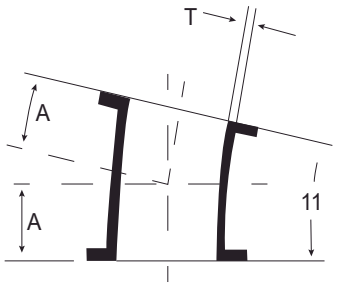
CODO 90



CODO 45



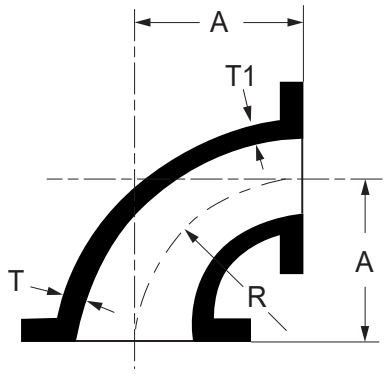
CODO 22 1/2



CODO 11 1/4

Diámetro Nominal	Dimensiones Generales									Peso			
	Codo de 90°		Codo de 45°		Codo de 22 1/2°		Codo de 11 1/4°		Espesor	Codo de 90°	Codo de 45°	Codo de 22 1/2°	Codo de 11 1/4°
	A	R	A	R	A	R	A	R	T				
Pulgadas	Pulgadas									Kilogramos			
2	4.50	3.00	2.50	2.41	2.50	6.04	2.50	12.69	0.31	7	5	5	5
2 1/2	5.00	3.50	3.00	3.00	3.00	6.80	2.75	13.97	0.35	9	7	7	7
3	5.50	4.00	3.00	3.62	3.00	7.56	3.00	15.25	0.48	11	9	9	9
4	6.50	4.50	4.00	4.81	4.00	10.06	4.00	20.31	0.52	20	18	18	18
6	8.00	6.00	5.00	7.25	5.00	15.06	5.00	30.50	0.55	29	25	25	25
8	9.00	7.00	5.50	8.44	5.50	17.62	5.50	35.50	0.60	48	41	41	41
10	11.00	9.00	6.50	10.88	6.50	22.62	6.50	45.69	0.68	75	59	61	61
12	12.00	10.00	7.50	13.25	7.50	27.62	7.50	55.81	0.75	107	88	93	93
14	14.00	11.50	7.50	12.06	7.50	25.12	7.50	50.75	0.66	132	100	102	102
16	15.00	12.50	8.00	13.25	8.00	27.62	8.00	55.81	0.70	168	127	129	129
18	16.50	14.00	8.50	14.50	8.50	30.19	8.50	60.94	0.75	204	147	152	152
20	18.00	15.50	9.50	16.88	9.50	35.19	9.50	71.06	0.80	263	195	197	197
24	22.00	18.50	11.00	18.12	11.00	37.69	11.00	76.12	0.89	408	286	290	293
30	25.00	21.50	15.00	22.75	15.00	57.81	15.00	116.75	1.03	649	508	515	522
36	28.00	24.50	18.00	35.00	18.00	72.88	18.00	147.25	1.15	968	796	812	819
42	31.00	27.50	21.00	42.25	21.00	88.00	21.00	177.69	1.28	1386	1179	1209	1216
48	34.00	30.50	24.00	49.50	24.00	103.06	24.00	208.12	1.42	1857	1624	1662	1676
54	39.00	34.50	20.50	42.32	-	-	-	-	0.90	1696	1241	-	-

CODO REDUCTOR DE 90º

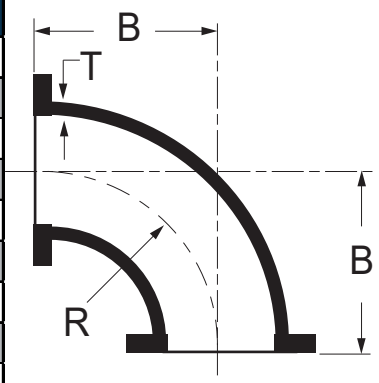


Diámetro Nominal		Dimensiones Generales				Peso
		A	R	T	T1	
Pulgadas	Milímetros	Pulgadas				Kilogramos
3 x 2	76 x 51	5.60	4.00	0.48	0.31	10
4 x 3	102 x 76	6.50	4.50	0.52	0.48	13
6 x 3	152 x 76	8.00	6.00	0.55	0.48	25
6 x 4	152 x 102	8.00	6.00	0.55	0.52	25
8 x 4	203 x 102	9.00	7.00	0.60	0.52	34
8 x 6	203 x 152	9.00	7.00	0.60	0.55	39
10 x 4	254 x 102	11.00	9.00	0.68	0.52	59
10 x 6	254 x 152	11.00	9.00	0.68	0.55	61
10 x 8	254 x 203	11.00	9.00	0.68	0.60	68
12 x 4	305 x 102	12.00	10.00	0.75	0.52	64
12 x 6	305 x 152	12.00	10.00	0.75	0.55	73
12 x 8	305 x 203	12.00	10.00	0.75	0.60	82
12 x 10	305 x 254	12.00	10.00	0.75	0.68	91
14 x 6	356 x 152	14.00	11.50	0.66	0.55	65
14 x 8	356 x 203	14.00	11.50	0.66	0.60	98
14 x 10	356 x 254	14.00	11.50	0.66	0.68	109
14 x 12	356 x 305	14.00	11.50	0.66	0.75	122
16 x 6	406 x 152	15.00	12.50	0.70	0.55	100
16 x 8	406 x 203	15.00	12.50	0.70	0.60	109
16 x 10	406 x 254	15.00	12.50	0.70	0.68	127
16 x 12	406 x 305	15.00	12.50	0.70	0.75	141
16 x 14	406 x 356	15.00	12.50	0.70	0.66	152
18 x 6	457 x 152	16.50	14.00	0.75	0.55	118
18 x 8	457 x 203	16.50	14.00	0.75	0.60	150
18 x 10	457 x 254	16.50	14.00	0.75	0.68	150
18 x 12	457 x 305	16.50	14.00	0.75	0.75	159
18 x 14	457 x 356	16.50	14.00	0.75	0.66	175
18 x 16	457 x 406	16.50	14.00	0.75	0.70	191
20 x 6	508 x 152	18.00	15.50	0.80	0.55	145
20 x 8	508 x 203	18.00	15.50	0.80	0.60	156
20 x 10	508 x 254	18.00	15.50	0.80	0.68	202
20 x 12	508 x 305	18.00	15.50	0.80	0.75	188
20 x 14	508 x 356	18.00	15.50	0.80	0.66	206
20 x 16	508 x 406	18.00	15.50	0.80	0.70	225
20 x 18	508 x 457	18.00	15.50	0.80	0.75	238

Diámetro Nominal		Dimensiones Generales				Peso
		A	R	T	T1	
Pulgadas	Milímetros	Pulgadas				Kilogramos
24 x 6	610 x 152	22.00	18.50	0.89	0.55	218
24 x 8	610 x 203	22.00	18.50	0.89	0.60	229
24 x 10	610 x 254	22.00	18.50	0.89	0.68	247
24 x 12	610 x 305	22.00	18.50	0.89	0.75	261
24 x 14	610 x 356	22.00	18.50	0.89	0.66	288
24 x 16	610 x 406	22.00	18.50	0.89	0.70	311
24 x 18	610 x 457	22.00	18.50	0.89	0.75	306
24 x 20	610 x 508	22.00	18.50	0.89	0.80	336
30 x 12	762 x 305	25.00	21.50	1.03	0.75	381
30 x 14	762 x 356	25.00	21.50	1.03	0.66	494
30 x 16	762 x 406	25.00	21.50	1.03	0.70	408
30 x 18	762 x 457	25.00	21.50	1.03	0.75	445
30 x 20	762 x 508	25.00	21.50	1.03	0.80	485
30 x 24	762 x 610	25.00	21.50	1.03	0.89	547
36 x 12	914 x 305	28.00	24.50	1.15	0.75	542
36 x 14	914 x 356	28.00	24.50	1.15	0.66	551
36 x 16	914 x 406	28.00	24.50	1.15	0.70	569
36 x 18	914 x 457	28.00	24.50	1.15	0.75	587
36 x 20	914 x 508	28.00	24.50	1.15	0.80	617
36 x 24	914 x 610	28.00	24.50	1.15	0.89	689
36 x 30	914 x 762	28.00	24.50	1.15	1.03	810
42 x 12	1067 x 305	31.00	27.50	1.28	0.75	751
42 x 14	1067 x 356	31.00	27.50	1.28	0.66	760
42 x 16	1067 x 406	31.00	27.50	1.28	0.70	778
42 x 18	1067 x 457	31.00	27.50	1.28	0.75	796
42 x 20	1067 x 508	31.00	27.50	1.28	0.80	860
42 x 24	1067 x 610	31.00	27.50	1.28	0.89	898
42 x 30	1067 x 762	31.00	27.50	1.28	1.03	1064
42 x 36	1067 x 914	31.00	27.50	1.28	1.15	1538
48 x 12	1219 x 305	34.00	30.50	1.42	0.75	987
48 x 14	1219 x 356	34.00	30.50	1.42	0.66	996
48 x 16	1219 x 406	34.00	30.50	1.42	0.70	1014
48 x 18	1219 x 457	34.00	30.50	1.42	0.75	1032
48 x 20	1219 x 508	34.00	30.50	1.42	0.80	1061
48 x 24	1219 x 610	34.00	30.50	1.42	0.89	1470
48 x 30	1219 x 762	34.00	30.50	1.42	1.30	1633
48 x 36	1219 x 914	34.00	30.50	1.42	1.15	1476
48 x 42	1219 x 1067	34.00	30.50	1.42	1.28	2125

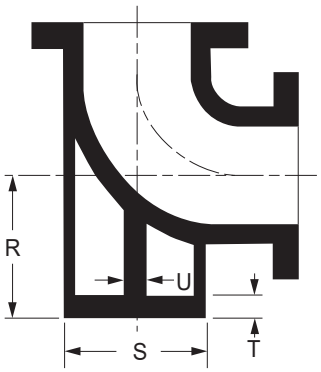
CODO RADIO AMPLIO

Diámetro Nominal		Dimensiones Generales			Peso
		Pulgadas			Kilogramos.
Pulgadas	Milímetros	B	R	T	
3	75	7.75	6.25	0.48	14
4	102	9.00	7.00	0.52	23
6	152	11.50	9.50	0.55	36
8	203	14.00	12.00	0.60	64
10	254	16.50	14.50	0.68	98
12	305	19.00	17.00	0.75	147
14	356	21.50	19.00	0.66	175
16	406	24.00	21.50	0.70	229
18	457	26.50	24.00	0.75	286
20	508	29.00	26.50	0.80	367
24	610	34.00	30.50	0.89	562
30	762	41.50	38.00	1.03	955
36	914	49.00	45.50	1.15	1490
42	1067	56.50	53.00	1.28	2207
48	1219	64.00	60.50	1.42	3080



CODO CON BASE

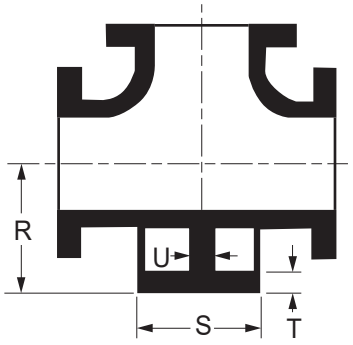
Diámetro Nominal		Dimensiones Generales				Peso	
		R	S	T	U	Codo con Base	Solo la Base
Pulgadas	Milímetros	Pulgadas				Kilogramos	
3	76	4.88	5.00	0.56	0.50	16	5
4	102	5.50	6.00	0.62	0.50	25	5
6	152	7.00	7.00	0.69	0.62	39	9
8	203	8.38	9.00	0.94	0.88	66	18
10	254	9.75	9.00	0.94	0.88	95	20
12	305	11.25	11.00	1.00	1.00	136	29
14	356	12.50	11.00	1.00	1.00	163	32
16	406	13.75	11.00	1.00	1.00	202	34
18	457	15.00	13.50	1.12	1.12	256	52
20	508	16.00	13.50	1.12	1.12	318	54
24	610	18.50	13.50	1.12	1.12	467	59
30	762	23.00	16.00	1.19	1.15	737	86
36	914	26.00	19.00	1.25	1.15	1082	113
42	1067	30.00	23.50	1.44	1.28	1572	186
48	1219	34.00	25.00	1.56	1.42	1955	234



Nota: Las dimensiones aque se muestran son de la base, para consultar dimensiones de la pieza consultar la pagina 7.

TEE CON BASE

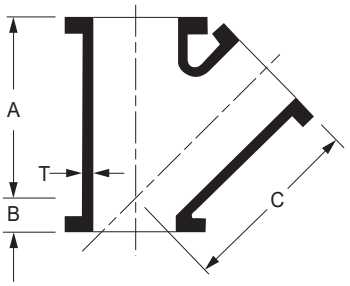
Diámetro Nominal		Dimensiones Generales				Peso	
		Pulgadas				Kilogramos	
Pulgadas	Milímetros	R	S	T	U	Tee con Base	Solo la Base
3	76	4.88	5.00	0.56	0.50	20	2
4	102	5.50	6.00	0.62	0.50	34	5
6	152	7.00	7.00	0.69	0.62	50	7
8	203	8.38	9.00	0.94	0.88	84	14
10	254	9.75	9.00	0.94	0.88	136	14
12	305	11.25	11.00	1.00	1.00	195	20
14	356	12.50	11.00	1.00	1.00	220	23
16	406	13.75	11.00	1.00	1.00	272	23
18	457	15.00	13.50	1.12	1.12	336	34
20	508	16.00	13.50	1.12	1.12	422	34
24	610	18.50	13.50	1.12	1.12	640	36
30	762	23.00	16.00	1.19	1.15	1030	54
36	914	26.00	19.00	1.25	1.15	1506	73
42	1067	30.00	23.50	1.44	1.28	2654	122
48	1219	34.00	25.00	1.56	1.42	3502	152



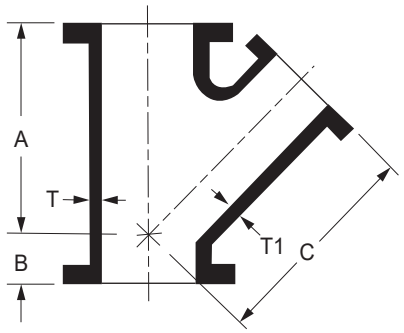
Nota: Las dimensiones aque se muestrasn son de la base para consultar dimensiones dela pieza consultar las paginas 3, 4 y 5.

LATERAL DE 45º

Diámetro Nominal		Dimensiones Generales				Peso
		Pulgadas				Kilogramos
Pulgadas	Milímetros	A	B	C	T	
3	76	10.00	3.00	10.00	0.48	20
4	102	12.00	3.00	12.00	0.52	34
6	152	14.50	3.50	14.50	0.55	54
8	203	17.50	4.50	17.50	0.60	91
10	254	20.50	5.00	20.50	0.68	152
12	305	24.50	5.50	24.50	0.75	234
14	356	27.00	6.00	27.00	0.66	274
16	406	30.00	6.50	30.00	0.70	365
18	457	2.00	7.00	32.00	0.75	445
20	508	35.00	8.00	35.00	0.80	574
24	610	40.50	9.00	40.50	0.89	864
30	762	52.50	18.30	52.50	1.03	1463
36	914	60.00	19.50	60.00	1.15	2604
42	1067	71.00	15.00	71.00	1.28	4159
48	1219	77.00	16.00	77.00	1.42	5488



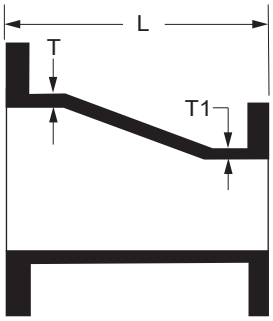
LATERAL REDUCTORA DE 45º



Diámetro Nominal		Dimensiones Generales					Peso
		A	B	C	T	T1	
Pulgadas	Milímetros	Pulgadas					Kilogramos
4 x 3	102 x 76	12.00	3.00	12.00	0.52	0.48	29
6 x 3	152 x 76	14.50	3.50	14.50	0.55	0.48	45
6 x 4	152 x 102	1.50	3.50	14.50	0.55	0.52	52
8 x 4	203 x 102	17.50	4.50	17.50	0.60	0.52	82
8 x 6	203 x 152	17.50	4.50	17.50	0.60	0.55	86
10 x 4	254 x 102	20.50	5.00	20.50	0.68	0.52	118
10 x 6	254 x 152	20.50	5.00	20.50	0.68	0.55	122
10 x 8	254 x 203	20.50	5.00	20.50	0.68	0.60	134
12 x 4	305 x 102	24.50	5.50	24.50	0.75	0.52	172
12 x 6	305 x 152	24.50	5.50	24.50	0.75	0.55	179
12 x 8	305 x 203	24.50	5.50	24.50	0.75	0.60	191
12 x 10	305 x 254	24.50	5.50	24.50	0.75	0.68	206
14 X 4	356 X 102	27.00	6.00	27.00	0.66	0.52	229
14 x 6	356 x 152	27.00	6.00	27.00	0.66	0.55	236
14 x 8	356 x 203	27.00	6.00	27.00	0.66	0.60	247
14 x 10	356 x 254	27.00	6.00	27.00	0.66	0.68	263
14 x 12	356 x 305	27.00	6.00	27.00	0.66	0.75	281
16 X 4	406 X 102	27.00	6.00	27.00	0.70	0.52	302
16 x 6	403 x 152	30.00	6.50	30.00	0.70	0.55	308
16 x 8	403 x 203	30.00	6.50	30.00	0.70	0.60	322
16 x 10	403 x 254	30.00	6.50	30.00	0.70	0.68	336
16 x 12	403x 305	30.00	6.50	30.00	0.70	0.75	356
16 x 14	403 x 356	30.00	6.50	30.00	0.70	0.66	376
18 X 4	457 X 102	25.00	1.00	27.50	0.75	0.52	125
18 x 6	457 x 152	25.00	1.00	27.50	0.75	0.55	204
18 x 8	457 x 203	25.00	1.00	27.50	0.75	0.60	283
18 x 10	457 x 254	32.00	7.00	32.00	0.75	0.68	401
18 x 12	457 x 305	32.00	7.00	32.00	0.75	0.75	422
18 x 14	457 x 356	32.00	7.00	32.00	0.75	0.66	442
18 x 16	457 x 406	32.00	7.00	32.00	0.75	0.70	465
20 X 4	508 X 102	27.00	1.00	29.50	0.80	0.52	322
20 x 6	508 x 152	24.00	1.00	29.50	0.80	0.55	327
20 x 8	508 x 203	29.00	1.00	29.50	0.80	0.60	336
20 x 10	508 x 254	27.00	1.00	29.50	0.80	0.68	365
20 x 12	508 x 305	35.00	8.00	35.00	0.80	0.75	503
20 x 14	508 x 356	35.00	8.00	35.00	0.80	0.66	551
20 x 16	508 x 406	35.00	8.00	35.00	0.70	0.70	576
20 x 18	508 x 457	35.00	8.00	35.00	0.75	0.75	596

Diámetro Nominal		Dimensiones Generales					Peso
		A	B	C	T	T1	
Pulgadas	Milímetros	Pulgadas					Kilogramos
24 X 4	600 X 100	31.50	0.50	34.50	0.89	0.52	358
24 x 6	600 x 150	31.50	0.50	34.50	0.89	0.55	481
24 x 8	600 x 200	31.50	0.50	34.50	0.89	0.60	490
24 x 10	600 x 250	31.50	0.50	34.50	0.89	0.68	501
24 x 12	600 x 300	31.50	0.50	34.50	0.89	0.75	544
24 x 14	600 x 350	40.50	0.90	40.50	0.89	0.66	794
24 x 16	600 x 400	40.50	9.00	40.50	0.89	0.70	819
24 x 18	600 x 450	40.50	9.00	40.50	0.89	0.75	841
24 x 20	600 x 500	40.50	9.00	40.50	0.89	0.80	875
30 x 12	750 x 300	49.00	10.00	49.00	1.03	0.75	1268
30 x 14	750 x 350	49.00	10.00	49.00	1.03	0.66	1293
30 x 16	750 x 400	49.00	10.00	49.00	1.03	0.70	1318
30 x 18	750 x 450	49.00	10.00	49.00	1.03	0.75	1343
30 x 20	750 x 500	49.00	10.00	49.00	1.03	0.80	1379
30 x 24	750 x 450	49.00	10.00	49.00	1.03	0.89	1454
36 x 12	900 x 300	60.00	19.50	60.00	1.15	0.75	2037
36 x 14	900 x 350	60.00	19.50	60.00	1.15	0.66	2062
36 x 16	900 x 400	54.00	15.30	54.00	1.15	0.70	2021
36 x 18	900 x 450	54.00	15.30	54.00	1.15	0.75	2043
36 x 20	900 x 500	54.00	15.30	54.00	1.15	0.80	2075
36 x 24	900 x 600	54.00	15.30	54.00	1.15	0.89	2143
36 x 30	900 x 750	56.00	15.30	56.00	1.15	1.03	2359
42 x 12	1050 x 300	68.50	21.00	68.50	1.28	0.75	2597
42 x 14	1050 x 350	68.50	21.00	68.50	1.28	0.66	2631
42 x 16	1050 x 400	68.50	21.00	68.50	1.28	0.70	2654
42 x 18	1050 x 450	68.50	21.00	68.50	1.28	0.75	2722
42 x 20	1050 x 500	60.00	12.00	60.00	1.28	0.80	2771
42 x 24	1050 x 600	60.00	12.00	60.00	1.28	0.89	2837
42 x 30	1050 x 750	63.00	12.00	63.00	1.28	1.03	3109
42 x 36	1050 x 900	66.00	12.00	66.00	1.28	1.15	3470
48 x 12	1200 x 300	77.00	22.50	77.00	1.42	0.75	3266
48 x 14	1200 x 350	77.00	22.50	77.00	1.42	0.66	3300
48 x 16	1200 x 400	77.00	22.60	77.00	1.42	0.70	3357
48 x 18	1200 x 450	65.00	9.00	65.00	1.42	0.75	3456
48 x 20	1200 x 500	65.00	9.00	65.00	1.42	0.80	3486
48 x 24	1200 x 600	58.00	5.00	64.00	1.42	0.89	3103
48 x 30	1200 x 750	63.00	9.00	68.00	1.42	1.03	3636
48 x 36	1200 x 900	69.00	7.00	72.00	1.42	1.15	4069
48 x 42	1200 x 1050	77.00	12.00	77.00	1.42	1.28	4994

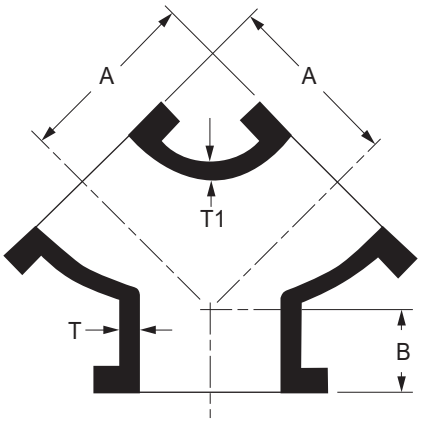
REDUCCION EXCENTRICA



Diámetro Nominal		Dimensiones Generales			Peso
		L	T	T1	
Pulgadas	Milímetros	Pulgadas			Kilogramos
3 X 2	75 X 50	6	0.48	0.31	7
3 X 2 1/2	75 X 63	6	0.48	0.31	10
4 X 2	100 X 50	7	0.52	0.31	11
4 X 2 1/2	100 X 63	7	0.52	0.31	13
4 X 3	100 X 75	7	0.52	0.48	14
6 X 2	150 X 20	9	0.55	0.31	16
6 X 2 1/2	150 X 63	9	0.55	0.31	17
6 X 3	150 X 75	9	0.55	0.48	18
6 X 4	150 X 100	9	0.55	0.52	20
8 X 4	150 X 100	11	0.60	0.52	29
8 X 6	200 X 150	11	0.60	0.55	34
10 X 4	200 X 100	12	0.68	0.52	39
10 X 6	250 X 150	12	0.68	0.55	41
10 X 8	250 X 200	12	0.68	0.60	50
10 X 4	250 X 100	14	0.75	0.52	54
12 X 6	300 X 150	14	0.75	0.55	59
12 X 8	300 X 200	14	0.75	0.60	66
12 X 10	300 X 250	14	0.75	0.68	77
12 X 6	300 X 150	16	0.66	0.55	70
14 X 8	350 X 200	16	0.66	0.60	79
14 X 10	350 X 250	16	0.66	0.68	86
14 X 12	350 X 300	16	0.66	0.75	100
16 X 6	400 X 150	18	0.70	0.55	86
16 X 8	400 X 200	18	0.70	0.60	95
16 X 10	400 X 250	18	0.70	0.68	107
16 X 12	400 X 300	18	0.70	0.75	120
16 X 14	400 X 350	18	0.70	0.66	127

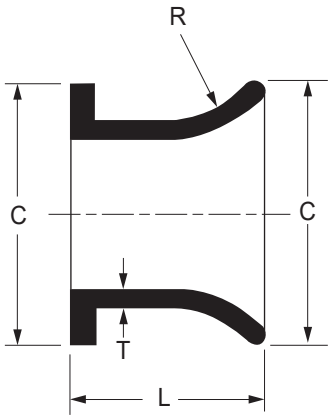
Diámetro Nominal		Dimensiones Generales			Peso
		L	T	T1	
Pulgadas	Milímetros	Pulgadas			Kilogramos
18 X 8	450 X 200	19	0.75	0.60	109
18 X 10	450 X 250	19	0.75	0.68	120
18 X 12	450 X 300	19	0.75	0.75	134
18 X 14	450 X 350	19	0.75	0.66	141
18 X 16	450 X 400	19	0.75	0.70	154
20 X 10	500 X 250	20	0.75	68.00	141
20 X 12	500 X 300	20	0.80	0.75	156
20 X 14	500 X 350	20	.80.80	0.66	161
20 X 16	500 X 400	20	0.80	0.70	177
20 X 18	500 X 450	20	0.80	0.75	186
24 X 12	600 X 300	24	0.89	0.75	218
24 x 14	600 X 350	24	0.89	0.66	222
24 x 16	600 X 400	24	0.89	0.70	238
24 x 18	600 X 450	24	0.89	0.75	249
24 x 20	600 X 500	24	0.89	0.80	268
30 x 18	750 X 450	30	1.03	0.75	367
30 x 20	750 X 500	30	1.03	0.80	395
30 x 24	750 X 600	30	1.03	0.89	440
36 x 20	900 X 500	36	1.15	0.80	558
36 x 24	900 X 600	36	1.15	0.89	610
36 x 30	900 X 750	36	1.15	1.03	705
42 x 24	1050 X 600	42	1.28	0.89	826
42 x 30	1050 X 750	42	1.28	1.03	934
42 x 36	1050 X 900	42	1.28	1.15	1064
48 x 30	1200 X 750	48	1.42	1.03	1191
48 x 36	1200 X 900	48	1.42	1.15	1338
48 x 42	1200 X 1050	48	1.42	1.28	1506

YEE VERDADERA



Diámetro Nominal		Dimensiones Generales				Peso
		A	B	T	T1	
Pulgadas	Milímetros	Pulgadas				Kilogramos
3 X 3	75 X 50	5.50	3.00	0.48	0.48	14
4 X 4	100 X 100	6.50	3.00	0.52	0.52	25
6 X 4	150 X 100	6.50	3.50	0.55	0.52	27
6 X 6	150 X 150	8.00	3.50	0.55	0.55	39
8 X 6	200 X 150	8.00	4.50	0.60	0.55	45
8 X 8	200 X 200	9.00	4.50	0.60	0.60	64
10 X 8	250 X 250	9.00	5.00	0.68	0.60	70
10 X 10	250 X 250	11.00	5.00	0.68	0.68	84
12 X 8	300 X 200	9.00	5.50	0.75	0.60	95
12 X 12	300 X 300	12.00	5.50	0.75	0.75	136
14 X 14	350 X 350	14.00	6.00	0.66	0.66	197
16 X 16	400 X 400	15.00	6.50	0.70	0.70	263
18 X 18	450 X 450	16.50	7.00	0.75	0.75	308
20 X 20	500 X 500	18.00	8.00	0.80	0.80	435
24 X 24	600 X 600	22.00	9.00	0.89	0.89	621
30 X 18	750 X 450	25.00	10.00	1.03	0.75	538
30 X 20	750 X 500	25.00	10.00	1.03	0.80	549
30 X 24	750 X 600	25.00	10.00	1.03	0.89	719
30 X 30	750 X 750	25.00	10.00	1.03	1.03	1193
36 X 24	900 X 600	28.00	12.00	1.15	0.89	943
36 X 30	900 X 750	28.00	15.00	1.15	1.03	1204
36 X 36	900 X 900	28.00	15.00	1.15	1.15	1574
42 X 30	1050 X 750	31.00	11.75	1.28	1.03	1547
42 X 36	1050 X 900	31.00	19.00	1.28	1.15	1907
42 X 42	1050 X 1050	31.00	21.00	1.28	1.28	2375
48 X 36	1200 X 900	28.00	14.00	1.42	1.15	2003
48 X 48	1200 X 1200	34.00	18.00	1.42	1.42	2978

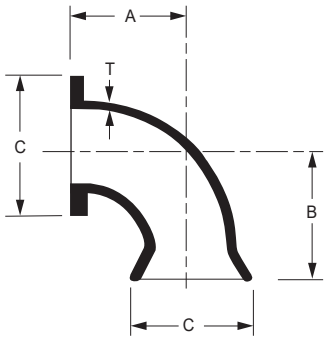
EXTREMIDAD BRIDA CAMPANA



Diámetro Nominal		Dimensiones Generales				Peso
		T	C	L	R	
Pulgadas	Milímetros	Pulgadas				Kilogramos
3	75	0.48	7.50	8.00	6.00	9
4	100	0.52	9.00	8.00	6.00	14
6	150	0.55	11.00	8.00	6.00	18
8	200	0.60	13.50	10.00	8.00	32
10	250	0.68	16.00	10.00	10.00	43
12	300	0.75	19.00	12.00	12.00	70
14	350	0.66	21.00	12.00	14.00	75
16	400	0.70	23.50	14.00	16.00	109
18	450	0.75	25.00	14.00	18.00	125
20	500	0.80	27.50	13.00	20.00	161
24	600	0.89	32.00	16.00	24.00	218
30	750	1.03	38.75	15.00	30.00	499
36	900	1.15	46.00	14.00	36.00	662
42	1050	1.28	53.00	12.00	42.00	794
48	1200	1.42	59.50	18.00	48.00	1077

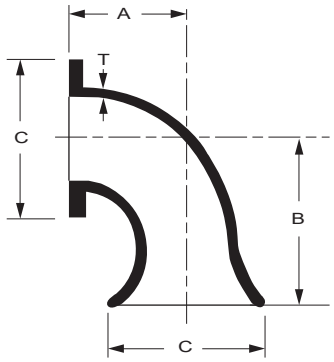
CODO 90º BRIDA - CAMPANA

Diámetro Nominal		Dimensiones Generales				Peso
		T	C	A	B	
Pulgadas	Milímetros	Pulgadas				Kilogramos
3	75	0.48	7.50	5.50	11.00	14
4	100	0.52	9.00	6.50	12.00	20
6	150	0.55	11.00	8.00	12.00	34
8	200	0.60	13.50	9.00	14.00	54
10	250	0.68	16.00	11.00	17.00	88
12	300	0.75	19.00	12.00	18.00	125
14	350	0.66	21.00	14.00	21.50	141
16	400	0.70	22.50	15.00	23.00	179
18	450	0.75	25.50	16.50	25.00	225
20	500	0.80	27.50	18.00	27.00	286
24	600	0.89	32.00	22.00	32.50	451
30	750	1.03	38.75	25.00	36.00	894
36	900	1.15	46.00	28.00	38.00	1238
42	1050	1.28	53.00	31.00	35.00	1451
48	1200	1.42	59.50	34.00	46.00	2375



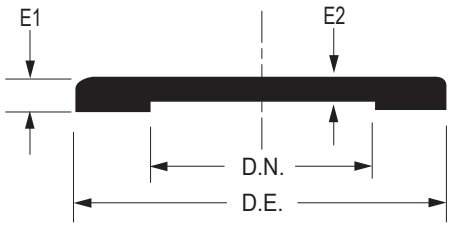
CODO RADIO AMPLIO DE 90º BRIDA CAMPANA

Diámetro Nominal		Dimensiones Generales				Peso
		T	C	A	B	
Pulgadas	Milímetros	Pulgadas				Kilogramos
4	100	0.52	9.00	9.00	14.50	23
6	150	0.55	11.00	11.50	15.50	41
8	200	0.60	13.50	14.00	19.00	70
10	250	0.68	16.00	16.50	22.50	113
12	300	0.75	19.00	19.00	25.00	170
14	350	0.66	21.00	21.50	29.00	181
16	400	0.70	23.50	24.00	32.00	240
18	450	0.75	25.00	26.50	35.00	306
20	500	0.80	27.50	29.00	38.00	392
24	600	0.89	32.00	34.00	44.50	606
30	750	1.03	38.75	41.50	48.50	993
36	900	1.15	46.00	49.00	56.00	1572
42	1050	1.28	53.00	56.50	63.50	2336
48	1200	1.42	59.50	64.00	71.00	3050

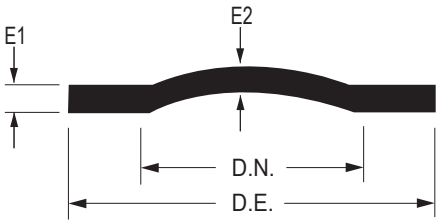


TAPAS CIEGAS

Diámetro Nominal		D.E.	E1	E2	Peso
Pulgadas	Milímetros	Pulgadas			Kilogramos
2	50	6.00	0.63	0.56	2
2 1/2	63	7.00	0.63	0.63	3
3	75	7.75	0.75	0.69	4
4	100	9.00	0.94	0.88	6
6	150	11.50	1.00	0.94	11
8	200	14.00	1.12	1.06	17
10	250	16.50	1.19	1.12	27
12	300	19.00	1.25	0.81	34
14	350	21.50	1.38	0.88	50
16	400	24.00	1.44	1.00	66
18	450	26.50	1.56	1.06	84
20	500	29.00	1.69	1.12	98
24	600	34.00	1.88	1.25	168
30	750	41.50	2.12	1.44	227
36	900	49.00	2.38	1.62	358
42	1050	56.50	2.62	1.81	533
48	1200	64.00	2.75	2.00	719
54	1350	66.28	3.00	2.25	1179



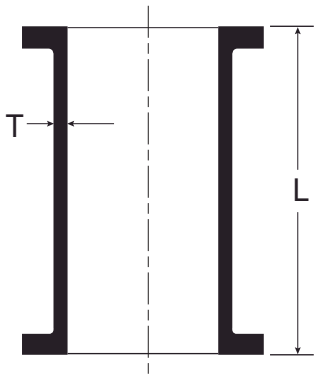
TAPAS CIEGAS 2 A 10”



TAPAS CIEGAS 12 A 36”

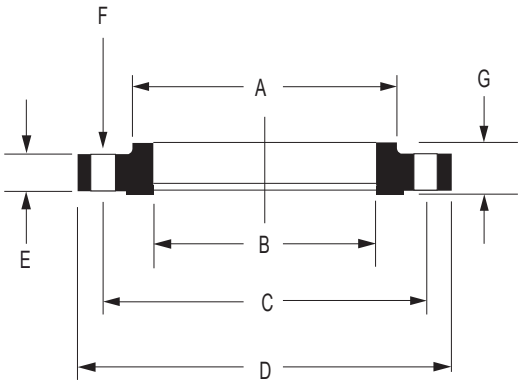
CARRETES

Diámetro Nominal	Dimensiones Generales			Peso	
	L		T	Corto	Largo
Pulgadas	Corto Milímetros	Largo Milímetros	Pulgadas	Kilogramos	
2	250	500	0.35	6	9
2 1/2	250	500	0.35	8	12
3	250	500	0.48	11	17
4	250	500	0.52	17	26
6	250	500	0.55	25	38
8	250	500	0.60	38	57
10	250	500	0.68	52	78
12	250	500	0.75	73	108
14	250	500	0.66	84	119
16	250	500	0.70	104	146
18	250	500	0.75	108	153
20	250	500	0.80	141	203
24	250	500	0.89	192	273
30	250	500	1.03	282	398

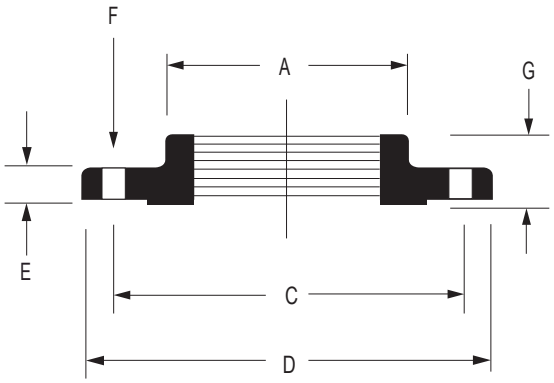


BRIDAS SOLDABLES Y BRIDAS CON ROSCA EN ACERO AL CARBON

Material: Acero forjado al carbon cumple con la norma ASTM A105
Dimensiones: ASME / ANSI B16.5
ASME / ANSI B 1.20.1 Roscado NPT



BRIDAS SOLDABLES



BRIDAS CON ROSCA NPT

Diámetro Nominal		A	B	C	D	E	F		G	Peso Aproximado	
							Diametro de barrenos	Numero de barrenos		Bridas Soldables	Bridas Roscadas
Pulgadas	Milímetros	Pulgadas						Pieza	Pulgadas	Kilogramos	
2	51	3.06	2.44	4.75	6.00	0.75	0.75	4.00	1.00	1.75	2.00
2 1/2	64	3.56	2.94	5.50	7.00	0.88	0.75	4.00	1.12	2.67	3.00
3	76	4.25	3.57	6.00	7.50	0.94	0.75	4.00	1.19	3.18	3.18
4	102	5.31	4.60	7.50	9.00	0.94	0.75	8.00	1.31	5.44	5.44
6	152	7.56	6.72	9.50	11.00	1.00	0.88	8.00	1.56	7.48	11.34
8	203	9.69	8.72	11.75	13.50	1.12	0.88	8.00	1.75	11.34	15.88
10	254	12.00	10.88	14.75	16.00	1.19	1.00	12.00	1.94	15.88	24.95
12	305	14.38	12.88	17.00	19.00	1.25	1.00	12.00	2.19	24.95	28.58
14	356	15.75	14.14	18.75	21.00	1.38	1.13	12.00	2.25	28.58	-
16	406	18.00	16.16	21.25	23.50	1.44	1.13	16.00	2.50	36.74	-
18	457	19.88	18.18	22.75	25.00	1.56	1.25	16.00	2.69	40.37	-
20	508	22.00	20.20	25.00	27.50	1.69	1.25	20.00	2.88	49.44	-
24	610	26.12	24.25	29.50	32.00	1.88	1.38	20.00	3.25	69.85	-

SHI de México

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MATRIZ GUADALAJARA : TEL: 333 145 - 2626 **SUCURSAL MONTERREY:** TEL. 818 377 - 4448 **SUCURSAL CDMX :** TEL. 552 124 - 0024 **SUCURSAL MERIDA :** TEL. 999 983 - 6089