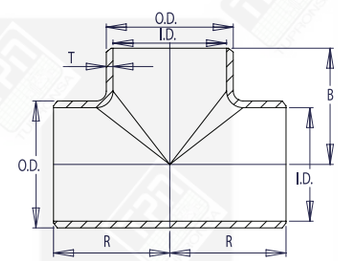
TEE RECTA

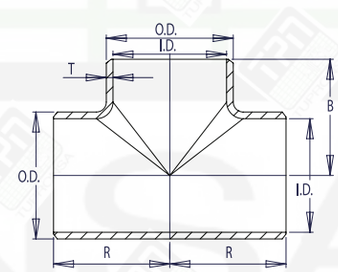
CÉDULA STD

Tamaño del tubo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a centro	Centro a extremo	Nro. de cédula del tubo	Peso aprox. en kilogramos
NPS	O.D.	I.D.	T	R	B		
½	21.3	15.76	2.77	25	25	40	0.16
¾	26.7	20.96	2.87	29	29	40	0.23
1	33.4	26.64	3.38	38	38	40	0.34
1 ¼	42.2	35.08	3.56	48	48	40	0.59
1 ½	48.3	40.94	3.68	57	57	40	0.86
2	60.3	52.48	3.91	64	64	40	1.45
2 ½	73.0	62.68	5.16	76	76	40	2.63
3	88.9	77.92	5.49	86	86	40	3.27
3 ½	101.6	90.12	5.74	95	95	40	4.31
4	114.3	102.26	6.02	105	105	40	5.76
5	141.3	128.20	6.55	124	124	40	9.43
6	168.3	154.08	7.11	143	143	40	15.01
8	219.1	202.74	8.18	178	178	40	25.63
10	273.0	254.46	9.27	216	216	40	41.23
12	323.8	304.74	9.53	254	254	*	61.69
14	355.6	336.54	9.53	279	279	30	73.48
16	406.4	387.34	9.53	305	305	30	93.44
18	457.0	437.94	9.53	343	343	*	123.38
20	508.0	488.94	9.53	381	381	20	158.76
24	610.0	590.94	9.53	432	432	20	230.42
30	762.0	742.94	9.53	559	559	*	378.75
36	914.0	894.94	9.53	673	673	*	586.95
42	1067.0	1047.94	9.53	762	711	*	678.12
48	1219.0	1199.94	9.53	889	838	*	1043.26



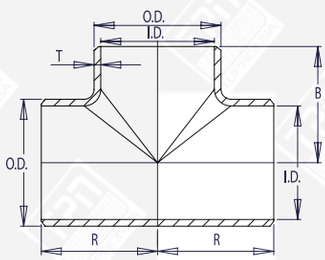
CÉDULA XS

Tamaño del tubo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a centro	Centro a extremo	Nro. de cédula del tubo	Peso aprox. en kilogramos
NPS	O.D.	I.D.	T	R	B		
½	21.3	13.84	3.73	25	25	80	0.17
¾	26.7	18.88	3.91	29	29	80	0.26
1	33.4	24.30	4.55	38	38	80	0.39
1 ¼	42.2	32.50	4.85	48	48	80	0.73
1 ½	48.3	38.14	5.08	57	57	80	1.04
2	60.3	49.22	5.54	64	64	80	1.77
2 ½	73.0	58.98	7.01	76	76	80	2.95
3	88.9	73.66	7.62	86	86	80	4.08
3 ½	101.6	85.44	8.08	95	95	80	5.53
4	114.3	97.18	8.56	105	105	80	7.35
5	141.3	122.24	9.53	124	124	80	12.07
6	168.3	146.36	10.97	143	143	80	18.96
8	219.1	193.70	12.70	178	178	80	34.56
10	273.0	247.60	12.70	216	216	60	52.16
12	323.8	298.40	12.70	254	254	*	76.66
14	355.6	330.20	12.70	279	279	*	107.50
16	406.4	381.00	12.70	305	305	40	128.82
18	457.0	431.60	12.70	343	343	*	160.12
20	508.0	482.60	12.70	381	381	30	200.49
24	610.0	584.60	12.70	432	432	*	283.49
30	762.0	736.60	12.70	559	559	20	483.07
36	914.0	888.60	12.70	673	673	20	730.28
42	1067.0	1041.60	12.70	762	711	*	811.02
48	1219.0	1193.60	12.70	889	838	*	1043.26



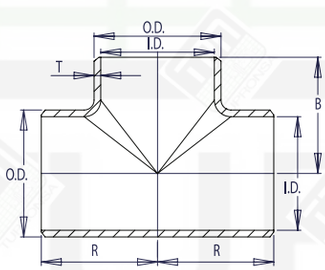
TEE RECTA

CÉDULA 40



Tamaño del tubo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a centro	Centro a extremo	Nro. de cédula del tubo	Peso aprox. en kilogramos
NPS	O.D.	I.D.	T	R	B		
½	21.3	15.76	2.77	25	25	40	0.16
¾	26.7	20.96	2.87	29	29	40	0.23
1	33.4	26.64	3.38	38	38	40	0.34
1 ¼	42.2	35.08	3.56	48	48	40	0.59
1 ½	48.3	40.94	3.68	57	57	40	0.86
2	60.3	52.48	3.91	64	64	40	1.45
2 ½	73.0	62.68	5.16	76	76	40	2.63
3	88.9	77.92	5.49	86	86	40	3.27
3 ½	101.6	90.12	5.74	95	95	40	3.86
4	114.3	102.26	6.02	105	105	40	4.31
5	141.3	128.20	6.55	124	124	40	5.76
6	168.3	154.08	7.11	143	143	40	9.43
8	219.1	202.74	8.18	178	178	40	15.01
10	273.0	254.46	9.27	216	216	40	25.63
12	323.8	303.18	10.31	254	254	40	41.23
14	355.6	333.34	11.13	279	279	40	74.84
16	406.4	381.00	12.70	305	305	40	95.25
18	457.0	428.46	14.27	343	343	40	124.74
20	508.0	477.82	15.09	381	381	40	161.02
24	610.0	575.04	17.48	432	432	40	231.33

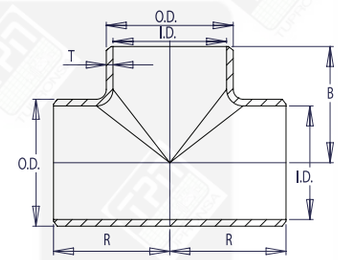
CÉDULA 80



Tamaño del tubo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a centro	Centro a extremo	Nro. de cédula del tubo	Peso aprox. en kilogramos
NPS	O.D.	I.D.	T	R	B		
½	21.3	13.84	3.73	25	25	80	0.17
¾	26.7	18.88	3.91	29	29	80	0.26
1	33.4	24.30	4.55	38	38	80	0.39
1 ¼	42.2	32.50	4.85	48	48	80	0.73
1 ½	48.3	38.14	5.08	57	57	80	1.04
2	60.3	49.22	5.54	64	64	80	1.77
2 ½	73.0	58.98	7.01	76	76	80	2.95
3	88.9	73.66	7.62	86	86	80	4.08
3 ½	101.6	85.44	8.08	95	95	80	5.53
4	114.3	97.18	8.56	105	105	80	7.35
5	141.3	122.24	9.53	124	124	80	12.07
6	168.3	146.36	10.97	143	143	80	18.96
8	219.1	193.70	12.70	178	178	80	34.56
10	273.0	242.82	15.09	216	216	80	54.43
12	323.8	288.84	17.48	254	254	80	79.38
14	355.6	317.50	19.05	279	279	80	108.86
16	406.4	363.52	21.44	305	305	80	131.54
18	457.0	409.34	23.83	343	343	80	163.29
20	508.0	455.62	26.19	381	381	80	204.12
24	610.0	548.08	30.96	432	432	80	285.76

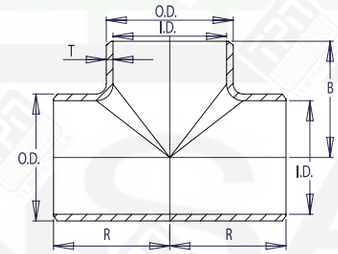
CÉDULA 160

Tamaño del tubo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a centro	Centro a extremo	Nro. de cédula del tubo	Peso aprox. en kilogramos
NPS	O.D.	I.D.	T	R	B		
½	21.3	11.74	4.78	25	25	160	0.21
¾	26.7	15.58	5.56	29	29	160	0.33
1	33.4	20.70	6.35	38	38	160	0.49
1 ¼	42.2	29.50	6.35	48	48	160	0.91
1 ½	48.3	34.02	7.14	57	57	160	1.31
2	60.3	42.82	8.74	64	64	160	2.21
2 ½	73.0	53.94	9.53	76	76	160	3.69
3	88.9	66.64	11.13	86	86	160	5.10
4	114.3	87.32	13.49	105	105	160	9.19
5	141.3	109.54	15.88	124	124	160	15.08
6	168.3	131.78	18.26	143	143	160	23.70
8	219.1	173.08	23.01	178	178	160	43.20
10	273.0	215.84	28.58	216	216	160	65.20
12	323.8	257.16	33.32	254	254	160	95.82
14	355.6	284.18	35.71	279	279	160	134.38
16	406.4	325.42	40.49	305	305	160	161.02
18	457.0	366.52	45.24	343	343	160	200.15
20	508.0	407.98	50.01	381	381	160	250.61
24	610.0	490.92	59.54	432	432	160	354.37



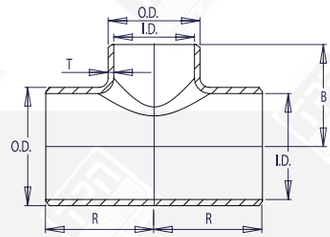
CÉDULA XXS

Tamaño del tubo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a centro	Centro a extremo	Nro. de cédula del tubo	Peso aprox. en kilogramos
NPS	O.D.	I.D.	T	R	B		
½	21.3	6.36	7.47	25	25	*	0.23
¾	26.7	11.06	7.82	29	29	*	0.36
1	33.4	15.22	9.09	38	38	*	0.54
1 ¼	42.2	22.80	9.70	48	48	*	1.00
1 ½	48.3	28.00	10.15	57	57	*	1.43
2	60.3	38.16	11.07	64	64	*	2.43
2 ½	73.0	44.96	14.02	76	76	*	4.06
3	88.9	58.42	15.24	86	86	*	5.62
4	114.3	80.06	17.12	105	105	*	10.11
5	141.3	103.20	19.05	124	124	*	16.59
6	168.3	124.40	21.95	143	143	*	26.07
8	219.1	174.64	22.23	178	178	*	47.53
10	273.0	222.20	25.40	216	216	140	71.73
12	323.8	273.00	25.40	254	254	120	105.41



TEE REDUCIDA

CÉDULA STD



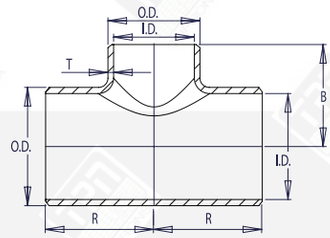
Tamaño del tubo	DIMENSIONES DEL RECORRIDO				DIMENSIONES DE LA DERIVACIÓN				Nro. de cédula del tubo	Peso aprox. en kilogramos
	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo		
NPS	O.D.	I.D.	T	R	O.D.	I.D.	T	B		
¾ x ½	26.7	20.96	2.87	29	21.3	15.76	2.77	29	40	0.19
1 x ¾	33.4	26.64	3.38	38	26.7	20.96	2.87	38	40	0.37
1 x ½	33.4	26.64	3.38	38	21.3	15.76	2.77	38	40	0.35
1 ¼ x 1	42.2	35.08	3.56	48	33.4	26.64	3.38	48	40	0.59
1 ¼ x ¾	42.2	35.08	3.56	48	26.7	20.96	2.87	48	40	0.59
1 ¼ x ½	42.2	35.08	3.56	48	21.3	15.76	2.77	48	40	0.59
1 ½ x 1 ¼	48.3	40.94	3.68	57	42.2	35.08	3.56	57	40	0.91
1 ½ x 1	48.3	40.94	3.68	57	33.4	26.64	3.38	57	40	0.86
1 ½ x ¾	48.3	40.94	3.68	57	26.7	20.96	2.87	57	40	0.82
1 ½ x ½	48.3	40.94	3.68	57	21.3	15.76	2.77	57	40	0.82
2 x 1 ½	60.3	52.48	3.91	64	48.3	40.94	3.68	60	40	1.41
2 x 1 ¼	60.3	52.48	3.91	64	42.2	35.08	3.56	57	40	1.36
2 x 1	60.3	52.48	3.91	64	33.4	26.64	3.38	51	40	1.27
2 x ¾	60.3	52.48	3.91	64	26.7	20.96	2.87	44	40	1.13
2 ½ x 2	73.0	62.68	5.16	76	60.3	52.48	3.91	70	40	2.45
2 ½ x 1 ½	73.0	62.68	5.16	76	48.3	40.94	3.68	67	40	2.31
2 ½ x 1 ¼	73.0	62.68	5.16	76	42.2	35.08	3.56	64	40	2.18
2 ½ x 1	73.0	62.68	5.16	76	33.4	26.64	3.38	57	40	2.09
3 x 2 ½	88.9	77.92	5.49	86	73.0	62.68	5.16	83	40	3.27
3 x 2	88.9	77.92	5.49	86	60.3	52.48	3.91	76	40	3.18
3 x 1 ½	88.9	77.92	5.49	86	48.3	40.94	3.68	73	40	3.08
3 x 1 ¼	88.9	77.92	5.49	86	42.2	35.08	3.56	70	40	2.99
❖ 3 x 1	88.9	77.92	5.49	86	33.4	26.64	3.38	67	40	2.95
3 ½ x 3	101.6	90.12	5.74	95	88.9	77.92	5.49	92	40	4.45
3 ½ x 2 ½	101.6	90.12	5.74	95	73.0	62.68	5.16	89	40	4.26
3 ½ x 2	101.6	90.12	5.74	95	60.3	52.48	3.91	83	40	4.17
3 ½ x 1 ½	101.6	90.12	5.74	95	48.3	40.94	3.68	79	40	4.04
4 x 3 ½	114.3	102.26	6.02	105	101.6	90.12	5.74	102	40	5.40
4 x 3	114.3	102.26	6.02	105	88.9	77.92	5.49	98	40	5.26
4 x 2 ½	114.3	102.26	6.02	105	73.0	62.68	5.16	95	40	5.17
4 x 2	114.3	102.26	6.02	105	60.3	52.48	3.91	89	40	5.08
4 x 1 ½	114.3	102.26	6.02	105	48.3	40.94	3.68	86	40	5.08
5 x 4	141.3	128.20	6.55	124	114.3	102.26	6.02	117	40	9.30
5 x 3 ½	141.3	128.20	6.55	124	101.6	90.12	5.74	114	40	9.07
5 x 3	141.3	128.20	6.55	124	88.9	77.92	5.49	111	40	8.80
5 x 2 ½	141.3	128.20	6.55	124	73.0	62.68	5.16	108	40	8.62
5 x 2	141.3	128.20	6.55	124	60.3	52.48	3.91	105	40	8.53
6 x 5	168.3	154.08	7.11	143	141.3	128.20	6.55	137	40	14.51
6 x 4	168.3	154.08	7.11	143	114.3	102.26	6.02	130	40	13.83
6 x 3 ½	168.3	154.08	7.11	143	101.6	90.12	5.74	127	40	13.61
6 x 3	168.3	154.08	7.11	143	88.9	77.92	5.49	124	40	13.61
6 x 2 ½	168.3	154.08	7.11	143	73.0	62.68	5.16	121	40	13.47
❖ 6 x 2	168.3	154.08	7.11	143	60.3	52.48	3.91	121	40	13.15
8 x 6	219.1	202.74	8.18	178	168.3	154.08	7.11	168	40	25.63
8 x 5	219.1	202.74	8.18	178	141.3	128.20	6.55	162	40	24.49
8 x 4	219.1	202.74	8.18	178	114.3	102.26	6.02	156	40	24.13

TEE REDUCIDA

Tamaño del tubo	DIMENSIONES DEL RECORRIDO				DIMENSIONES DE LA DERIVACIÓN				Nro. de cédula del tubo	Peso aprox. en kilogramos
	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo		
NPS	O.D.	I.D.	T	R	O.D.	I.D.	T	B		
8 x 3 ½	219.1	202.74	8.18	178	101.6	90.12	5.74	152	40	24.04
❖ 8 x 3	219.1	202.74	8.18	178	88.9	77.92	5.49	152	40	23.59
10 x 8	273.0	254.46	9.27	216	219.1	202.74	8.18	203	40	39.24
10 x 6	273.0	254.46	9.27	216	168.3	154.08	7.11	194	40	38.96
10 x 5	273.0	254.46	9.27	216	141.3	128.20	6.55	191	40	37.42
10 x 4	273.0	254.46	9.27	216	114.3	102.26	6.02	184	40	37.19
❖ 10 x 3	273.0	254.46	9.27	216	88.9	77.92	5.49	184	40	35.83
12 x 10	323.8	304.74	9.53	254	273.0	254.46	9.27	241	*	55.79
12 x 8	323.8	304.74	9.53	254	219.1	202.74	8.18	229	*	54.43
12 x 6	323.8	304.74	9.53	254	168.3	154.08	7.11	219	*	53.52
12 x 5	323.8	304.74	9.53	254	141.3	128.20	6.55	216	*	53.07
❖ 12 x 4	323.8	304.74	9.53	254	114.3	102.26	6.02	216	*	50.80
14 x 12	355.6	336.54	9.53	279	323.8	304.74	9.53	270	*	68.49
14 x 10	355.6	336.54	9.53	279	273.0	254.46	9.27	257	*	67.13
14 x 8	355.6	336.54	9.53	279	219.1	202.74	8.18	248	*	66.22
14 x 6	355.6	336.54	9.53	279	168.3	154.08	7.11	238	*	65.77
16 x 14	406.4	387.34	9.53	305	355.6	336.54	9.53	305	*	100.24
16 x 12	406.4	387.34	9.53	305	323.8	304.74	9.53	295	*	96.61
16 x 10	406.4	387.34	9.53	305	273.0	254.46	9.27	283	*	89.36
16 x 8	406.4	387.34	9.53	305	219.1	202.74	8.18	273	*	86.18
16 x 6	406.4	387.34	9.53	305	168.3	154.08	7.11	264	*	81.65
18 x 16	457.0	437.94	9.53	343	406.4	387.34	9.53	330	*	118.84
18 x 14	457.0	437.94	9.53	343	355.6	336.54	9.53	330	*	112.49
18 x 12	457.0	437.94	9.53	343	323.8	304.74	9.53	321	*	109.32
18 x 10	457.0	437.94	9.53	343	273.0	254.46	9.27	308	*	103.87
18 x 8	457.0	437.94	9.53	343	219.1	202.74	8.18	298	*	97.98
20 x 18	508.0	488.94	9.53	381	457.0	437.94	9.53	368	*	159.66
20 x 16	508.0	488.94	9.53	381	406.4	387.34	9.53	356	*	153.77
20 x 14	508.0	488.94	9.53	381	355.6	336.54	9.53	356	*	148.32
20 x 12	508.0	488.94	9.53	381	323.8	304.74	9.53	346	*	142.88
20 x 10	508.0	488.94	9.53	381	273.0	254.46	9.27	333	*	138.34
20 x 8	508.0	488.94	9.53	381	219.1	202.74	8.18	324	*	132.90
24 x 20	610.0	590.94	9.53	432	508.0	488.94	9.53	432	*	226.80
24 x 18	610.0	590.94	9.53	432	457.0	437.94	9.53	419	*	220.90
24 x 16	610.0	590.94	9.53	432	406.4	387.34	9.53	406	*	215.46
24 x 14	610.0	590.94	9.53	432	355.6	336.54	9.53	406	*	210.92
24 x 12	610.0	590.94	9.53	432	323.8	304.74	9.53	397	*	204.12
24 x 10	610.0	590.94	9.53	432	273.0	254.46	9.27	384	*	202.75
30 x 24	762.0	742.94	9.53	559	610.0	590.94	9.53	533	*	360.60
30 x 20	762.0	742.94	9.53	559	508.0	488.94	9.53	508	*	339.74
30 x 18	762.0	742.94	9.53	559	457.0	437.94	9.53	495	*	329.76
30 x 16	762.0	742.94	9.53	559	406.4	387.34	9.53	483	*	324.32
36 x 30	914.0	894.94	9.53	673	762.0	742.94	9.53	635	*	547.48
36 x 24	914.0	894.94	9.53	673	610.0	590.94	9.53	610	*	512.10
36 x 20	914.0	894.94	9.53	673	508.0	488.94	9.53	584	*	486.25
36 x 18	914.0	894.94	9.53	673	457.0	437.94	9.53	572	*	515.28
42 x 36	1067.0	1047.94	9.53	762	914.0	894.94	9.53	711	*	641.83
42 x 30	1067.0	1047.94	9.53	762	762.0	742.94	9.53	711	*	601.91
42 x 24	1067.0	1047.94	9.53	762	610.0	590.94	9.53	660	*	566.08
42 x 20	1067.0	1047.94	9.53	762	508.0	488.94	9.53	660	*	544.31
48 x 42	1219.0	1199.94	9.53	889	1067.0	1047.94	9.53	813	*	1001.07
48 x 36	1219.0	1199.94	9.53	889	914.0	894.94	9.53	787	*	964.79
48 x 30	1219.0	1199.94	9.53	889	762.0	742.94	9.53	762	*	928.95
48 x 24	1219.0	1199.94	9.53	889	610.0	590.94	9.53	737	*	861.82

TEE REDUCIDA

CÉDULA XS



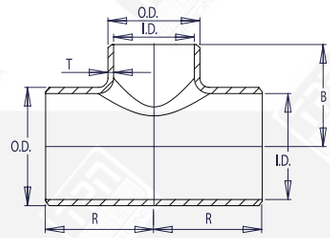
Tamaño del tubo	DIMENSIONES DEL RECORRIDO				DIMENSIONES DE LA DERIVACIÓN				Nro. de cédula del tubo	Peso aprox. en kilogramos
	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo		
NPS	O.D.	I.D.	T	R	O.D.	I.D.	T	B		
¾ x ½	26.7	18.88	3.91	29	21.3	13.84	3.73	29	80	0.21
1 x ¾	33.4	24.30	4.55	38	26.7	18.88	3.91	38	80	0.44
1 x ½	33.4	24.30	4.55	38	21.3	13.84	3.73	38	80	0.42
1 ¼ x 1	42.2	32.50	4.85	48	33.4	24.30	4.55	48	80	0.73
1 ¼ x ¾	42.2	32.50	4.85	48	26.7	18.88	3.91	48	80	0.73
1 ¼ x ½	42.2	32.50	4.85	48	21.3	13.84	3.73	48	80	0.73
1 ½ x 1 ¼	48.3	38.14	5.08	57	42.2	32.50	4.85	57	80	1.09
1 ½ x 1	48.3	38.14	5.08	57	33.4	24.30	4.55	57	80	1.04
1 ½ x ¾	48.3	38.14	5.08	57	26.7	18.88	3.91	57	80	1.00
1 ½ x ½	48.3	38.14	5.08	57	21.3	13.84	3.73	57	80	1.00
2 x 1 ½	60.3	49.22	5.54	64	48.3	38.14	5.08	60	80	1.72
2 x 1 ¼	60.3	49.22	5.54	64	42.2	32.50	4.85	57	80	1.68
2 x 1	60.3	49.22	5.54	64	33.4	24.30	4.55	51	80	1.59
2 x ¾	60.3	49.22	5.54	64	26.7	18.88	3.91	44	80	1.59
2 ½ x 2	73.0	58.98	7.01	76	60.3	49.22	5.54	70	80	2.86
2 ½ x 1 ½	73.0	58.98	7.01	76	48.3	38.14	5.08	67	80	2.81
2 ½ x 1 ¼	73.0	58.98	7.01	76	42.2	32.50	4.85	64	80	2.72
2 ½ x 1	73.0	58.98	7.01	76	33.4	24.30	4.55	57	80	2.63
3 x 2 ½	88.9	73.66	7.62	86	73.0	58.98	7.01	83	80	3.99
3 x 2	88.9	73.66	7.62	86	60.3	49.22	5.54	76	80	3.90
3 x 1 ½	88.9	73.66	7.62	86	48.3	38.14	5.08	73	80	3.67
3 x 1 ¼	88.9	73.66	7.62	86	42.2	32.50	4.85	70	80	3.63
❖ 3 x 1	88.9	73.66	7.62	86	33.4	24.30	4.55	67	80	3.54
3 ½ x 3	101.6	85.44	8.08	95	88.9	73.66	7.62	92	80	5.72
3 ½ x 2 ½	101.6	85.44	8.08	95	73.0	58.98	7.01	89	80	5.49
3 ½ x 2	101.6	85.44	8.08	95	60.3	49.22	5.54	83	80	5.31
3 ½ x 1 ½	101.6	85.44	8.08	95	48.3	38.14	5.08	79	80	5.26
4 x 3 ½	114.3	97.18	8.56	105	101.6	85.44	8.08	102	80	7.12
4 x 3	114.3	97.18	8.56	105	88.9	73.66	7.62	98	80	6.99
4 x 2 ½	114.3	97.18	8.56	105	73.0	58.98	7.01	95	80	6.85
4 x 2	114.3	97.18	8.56	105	60.3	49.22	5.54	89	80	6.85
4 x 1 ½	114.3	97.18	8.56	105	48.3	38.14	5.08	86	80	6.80
5 x 4	141.3	122.24	9.53	124	114.3	97.18	8.56	117	80	11.52
5 x 3 ½	141.3	122.24	9.53	124	101.60	85.446	8.077	114	80	11.25
5 x 3	141.3	122.24	9.53	124	88.9	73.66	7.62	111	80	10.98
5 x 2 ½	141.3	122.24	9.53	124	73.0	58.98	7.01	108	80	10.84
5 x 2	141.3	122.24	9.53	124	60.3	49.22	5.54	105	80	10.70
6 x 5	168.3	146.36	10.97	143	141.3	122.24	9.53	137	80	17.92
6 x 4	168.3	146.36	10.97	143	114.3	97.18	8.56	130	80	17.83
6 x 3 ½	168.3	146.36	10.97	143	101.6	85.44	8.08	127	80	17.60
6 x 3	168.3	146.36	10.97	143	88.9	73.66	7.62	124	80	17.51
6 x 2 ½	168.3	146.36	10.97	143	73.0	58.98	7.01	121	80	17.33
❖ 6 x 2	168.3	146.36	10.97	143	60.3	49.22	5.54	121	80	16.96
8 x 6	219.1	193.70	12.70	178	168.3	146.36	10.97	168	80	31.84
8 x 5	219.1	193.70	12.70	178	141.3	122.24	9.53	162	80	31.48
8 x 4	219.1	193.70	12.70	178	114.3	97.18	8.56	156	80	31.39

TEE REDUCIDA

Tamaño del tubo	DIMENSIONES DEL RECORRIDO				DIMENSIONES DE LA DERIVACIÓN				Nro. de cédula del tubo	Peso aprox. en kilogramos
	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo		
NPS	O.D.	I.D.	T	R	O.D.	I.D.	T	B		
8 x 3 ½	219.1	193.70	12.70	178	101.6	85.44	8.08	152	80	31.12
❖ 8 x 3	219.1	193.70	12.70	178	88.90	73.660	7.620	152	80	30.98
10 x 8	273.0	247.60	12.70	216	219.1	193.70	12.70	203	*	48.53
10 x 6	273.0	247.60	12.70	216	168.3	146.36	10.97	194	*	47.17
10 x 5	273.0	247.60	12.70	216	141.3	122.24	9.53	191	*	46.72
10 x 4	273.0	247.60	12.70	216	114.3	97.18	8.56	184	*	45.81
❖ 10 x 3	273.0	247.60	12.70	216	88.9	73.66	7.62	184	*	44.91
12 x 10	323.8	298.40	12.70	254	273.0	247.60	12.70	241	*	74.84
12 x 8	323.8	298.40	12.70	254	219.1	193.70	12.70	229	*	70.76
12 x 6	323.8	298.40	12.70	254	168.3	146.36	10.97	219	*	68.49
12 x 5	323.8	298.40	12.70	254	141.3	122.24	9.53	216	*	67.58
❖ 12 x 4	323.8	298.40	12.70	254	114.3	97.18	8.56	216	*	67.13
14 x 12	355.6	330.20	12.70	279	323.8	298.40	12.70	270	*	95.25
14 x 10	355.6	330.20	12.70	279	273.0	247.60	12.70	257	*	92.08
14 x 8	355.6	330.20	12.70	279	219.1	193.70	12.70	248	*	90.72
14 x 6	355.6	330.20	12.70	279	168.3	146.36	10.97	238	*	88.90
16 x 14	406.4	381.00	12.70	305	355.6	330.20	12.70	305	*	121.56
16 x 12	406.4	381.00	12.70	305	323.8	298.40	12.70	295	*	118.39
16 x 10	406.4	381.00	12.70	305	273.0	247.60	12.70	283	*	113.40
16 x 8	406.4	381.00	12.70	305	219.1	193.70	12.70	273	*	108.86
16 x 6	406.4	381.00	12.70	305	168.3	146.36	10.97	264	*	106.59
18 x 16	457.0	431.60	12.70	343	406.4	381.00	12.70	330	*	157.85
18 x 14	457.0	431.60	12.70	343	355.6	330.20	12.70	330	*	151.95
18 x 12	457.0	431.60	12.70	343	323.8	298.40	12.70	321	*	148.78
18 x 10	457.0	431.60	12.70	343	273.0	247.60	12.70	308	*	139.71
18 x 8	457.0	431.60	12.70	343	219.1	193.70	12.70	298	*	136.08
20 x 18	508.0	482.60	12.70	381	457.0	431.60	12.70	368	*	201.85
20 x 16	508.0	482.60	12.70	381	406.4	381.00	12.70	356	*	193.68
20 x 14	508.0	482.60	12.70	381	355.6	330.20	12.70	356	*	186.88
20 x 12	508.0	482.60	12.70	381	323.8	298.40	12.70	346	*	180.08
20 x 10	508.0	482.60	12.70	381	273.0	247.60	12.70	333	*	174.18
20 x 8	508.0	482.60	12.70	381	219.1	193.70	12.70	324	*	170.10
24 x 20	610.0	584.60	12.70	432	508.0	482.60	12.70	432	*	276.69
24 x 18	610.0	584.60	12.70	432	457.0	431.60	12.70	419	*	266.71
24 x 16	610.0	584.60	12.70	432	406.4	381.00	12.70	406	*	262.18
24 x 14	610.0	584.60	12.70	432	355.6	330.20	12.70	406	*	256.28
24 x 12	610.0	584.60	12.70	432	323.8	298.40	12.70	397	*	253.10
24 x 10	610.0	584.60	12.70	432	273.0	247.60	12.70	384	*	249.47
30 x 24	762.0	736.60	12.70	559	610.0	584.60	12.70	533	*	450.87
30 x 20	762.0	736.60	12.70	559	508.0	482.60	12.70	508	*	428.64
30 x 18	762.0	736.60	12.70	559	457.0	431.60	12.70	495	*	417.30
30 x 16	762.0	736.60	12.70	559	406.4	381.00	12.70	483	*	408.23
36 x 30	914.0	888.60	12.70	673	762.0	736.60	12.70	635	*	684.92
36 x 24	914.0	888.60	12.70	673	610.0	584.60	12.70	610	*	641.83
36 x 20	914.0	888.60	12.70	673	508.0	482.60	12.70	584	*	610.08
36 x 18	914.0	888.60	12.70	673	457.0	431.60	12.70	572	*	599.19
42 x 36	1067.0	1041.60	12.70	762	914.0	888.60	12.70	711	*	775.19
42 x 30	1067.0	1041.60	12.70	762	762.0	736.60	12.70	711	*	738.90
42 x 24	1067.0	1041.60	12.70	762	610.0	584.60	12.70	660	*	703.06
42 x 20	1067.0	1041.60	12.70	762	508.0	482.60	12.70	660	*	680.39
48 x 42	1219.0	1193.60	12.70	889	1067.0	1041.60	12.70	813	*	1001.07
48 x 36	1219.0	1193.60	12.70	889	914.0	888.60	12.70	787	*	964.79
48 x 30	1219.0	1193.60	12.70	889	762.0	736.60	12.70	762	*	928.95
48 x 24	1219.0	1193.60	12.70	889	610.0	584.60	12.70	737	*	898.11

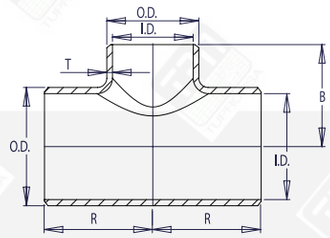
TEE REDUCIDA

CÉDULA 40



Tamaño del tubo	DIMENSIONES DEL RECORRIDO				DIMENSIONES DE LA DERIVACIÓN				Nro. de cédula del tubo	Peso aprox. en kilogramos
	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo		
NPS	O.D.	I.D.	T	R	O.D.	I.D.	T	B		
PARA CONOCER LAS ESPECIFICACIONES DE LAS DIMENSIONES DE NPS ½ A 10 CONSULTE CÉDULA STD										
12 x 10	323.8	303.18	10.31	254	610.0	575.04	17.48	241	40	69.74
12 x 8	323.8	303.18	10.31	254	219.1	202.74	8.18	229	40	68.04
12 x 6	323.8	303.18	10.31	254	168.3	154.08	7.11	219	40	66.90
12 x 5	323.8	303.18	10.31	254	141.3	128.20	6.55	216	40	66.34
❖ 12 x 4	323.8	303.18	10.31	254	114.3	102.26	6.02	216	40	63.50
14 x 12	355.6	333.34	11.13	279	323.8	303.18	10.31	270	40	85.62
14 x 10	355.6	333.34	11.13	279	610.0	575.04	17.48	257	40	83.91
14 x 8	355.6	333.34	11.13	279	219.1	202.74	8.18	248	40	82.78
14 x 6	355.6	333.34	11.13	279	168.3	154.08	7.11	238	40	82.21
16 x 14	406.4	381.00	12.70	305	355.6	333.34	11.13	305	40	125.30
16 x 12	406.4	381.00	12.70	305	323.8	303.18	10.31	295	40	120.77
16 x 10	406.4	381.00	12.70	305	610.0	575.04	17.48	283	40	111.70
16 x 8	406.4	381.00	12.70	305	219.1	202.74	8.18	273	40	107.73
16 x 6	406.4	381.00	12.70	305	168.3	154.08	7.11	264	40	102.06
18 x 16	457.0	428.46	14.27	343	406.4	381.00	12.70	330	40	148.55
18 x 14	457.0	428.46	14.27	343	355.6	333.34	11.13	330	40	140.61
18 x 12	457.0	428.46	14.27	343	323.8	303.18	10.31	321	40	136.64
18 x 10	457.0	428.46	14.27	343	610.0	575.04	17.48	308	40	129.84
18 x 8	457.0	428.46	14.27	343	219.1	202.74	8.18	298	40	122.47
20 x 18	508.0	477.82	15.09	381	457.0	428.46	14.27	368	40	199.58
20 x 16	508.0	477.82	15.09	381	406.4	381.00	12.70	356	40	192.21
20 x 14	508.0	477.82	15.09	381	355.6	333.34	11.13	356	40	185.40
20 x 12	508.0	477.82	15.09	381	323.8	303.18	10.31	346	40	178.60
20 x 10	508.0	477.82	15.09	381	610.0	575.04	17.48	333	40	172.93
20 x 8	508.0	477.82	15.09	381	219.1	202.74	8.18	324	40	166.13
24 x 20	610.0	575.04	17.48	432	508.0	477.82	15.09	432	40	283.49
24 x 18	610.0	575.04	17.48	432	457.0	428.46	14.27	419	40	276.12
24 x 16	610.0	575.04	17.48	432	406.4	381.00	12.70	406	40	269.32
24 x 14	610.0	575.04	17.48	432	355.6	333.34	11.13	406	40	263.65
24 x 12	610.0	575.04	17.48	432	323.8	303.18	10.31	397	40	255.14
24 x 10	610.0	575.04	17.48	432	610.0	575.04	17.48	384	40	253.44

CÉDULA 80



Tamaño del tubo	DIMENSIONES DEL RECORRIDO				DIMENSIONES DE LA DERIVACIÓN				Nro. de cédula del tubo	Peso aprox. en kilogramos
	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo		
NPS	O.D.	I.D.	T	R	O.D.	I.D.	T	B		
PARA CONOCER LAS ESPECIFICACIONES DE LAS DIMENSIONES DE NPS ½ A 8 CONSULTE CÉDULA XS										
10 x 8	273.0	242.82	15.09	216	219.1	193.70	12.70	203	80	68.66
10 x 6	273.0	242.82	15.09	216	168.3	146.36	10.97	194	80	68.19
10 x 5	273.0	242.82	15.09	216	141.3	122.24	9.53	191	80	65.49
10 x 4	273.0	242.82	15.09	216	114.3	97.18	8.56	184	80	65.09
❖ 10 x 3	273.0	242.82	15.09	216	88.90	73.660	7.620	184	80	64.41
12 x 10	323.8	288.84	17.48	254	273.0	242.82	15.09	241	80	97.64
12 x 8	323.8	288.84	17.48	254	219.1	193.70	12.70	229	80	95.25
12 x 6	323.8	288.84	17.48	254	168.3	146.36	10.97	219	80	93.67
12 x 5	323.8	288.84	17.48	254	141.3	122.24	9.53	216	80	92.87
❖ 12 x 4	323.8	288.84	17.48	254	114.3	97.18	8.56	216	80	88.90
14 x 12	355.6	317.50	19.05	279	323.8	288.84	17.48	270	80	119.86
14 x 10	355.6	317.50	19.05	279	273.0	242.82	15.09	257	80	117.48
14 x 8	355.6	317.50	19.05	279	219.1	193.70	12.70	248	80	115.89
14 x 6	355.6	317.50	19.05	279	168.3	146.36	10.97	238	80	115.10
16 x 14	406.4	363.52	21.44	305	355.6	317.50	19.05	305	80	175.43
16 x 12	406.4	363.52	21.44	305	323.8	288.84	17.48	295	80	169.08
16 x 10	406.4	363.52	21.44	305	273.0	242.82	15.09	283	80	156.38
16 x 8	406.4	363.52	21.44	305	219.1	193.70	12.70	273	80	150.82
16 x 6	406.4	363.52	21.44	305	168.3	146.36	10.97	264	80	142.88
18 x 16	457.0	409.34	23.83	343	406.4	363.52	21.44	330	80	207.97
18 x 14	457.0	409.34	23.83	343	355.6	317.50	19.05	330	80	196.86
18 x 12	457.0	409.34	23.83	343	323.8	288.84	17.48	321	80	191.30
18 x 10	457.0	409.34	23.83	343	273.0	242.82	15.09	308	80	181.78
18 x 8	457.0	409.34	23.83	343	219.1	193.70	12.70	298	80	171.46
20 x 18	508.0	455.62	26.19	381	457.0	409.34	23.83	368	80	279.41
20 x 16	508.0	455.62	26.19	381	406.4	363.52	21.44	356	80	269.09
20 x 14	508.0	455.62	26.19	381	355.6	317.50	19.05	356	80	259.57
20 x 12	508.0	455.62	26.19	381	323.8	288.84	17.48	346	80	250.04
20 x 10	508.0	455.62	26.19	381	273.0	242.82	15.09	333	80	242.10
20 x 8	508.0	455.62	26.19	381	219.1	193.70	12.70	324	80	232.58
24 x 20	610.0	548.08	30.96	432	508.0	455.62	26.19	432	80	396.89
24 x 18	610.0	548.08	30.96	432	457.0	409.34	23.83	419	80	386.57
24 x 16	610.0	548.08	30.96	432	406.4	363.52	21.44	406	80	377.05
24 x 14	610.0	548.08	30.96	432	355.6	317.50	19.05	406	80	369.11
24 x 12	610.0	548.08	30.96	432	323.8	288.84	17.48	397	80	357.20
24 x 10	610.0	548.08	30.96	432	273.0	242.82	15.09	384	80	354.82

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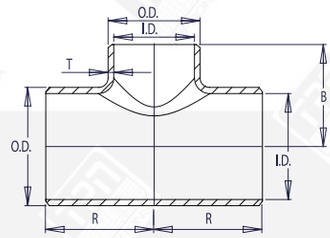
CÉDULA 160



Tamaño del tubo	DIMENSIONES DEL RECORRIDO				DIMENSIONES DE LA DERIVACIÓN				Nro. de cédula del tubo	Peso aprox. en kilogramos
	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo		
NPS	O.D.	I.D.	T	R	O.D.	I.D.	T	B		
¾ x ½	26.7	15.58	5.56	29	21.3	11.74	4.78	29	160	0.30
1 x ¾	33.4	20.70	6.35	38	26.7	15.58	5.56	38	160	0.62
1 x ½	33.4	20.70	6.35	38	21.3	11.74	4.78	38	160	0.59
1 ¼ x 1	42.2	29.50	6.35	48	33.4	20.70	6.35	48	160	1.02
1 ¼ x ¾	42.2	29.50	6.35	48	26.7	15.58	5.56	48	160	1.02
1 ¼ x ½	42.2	29.50	6.35	48	21.3	11.74	4.78	48	160	1.02
1 ½ x 1 ¼	48.3	34.02	7.14	57	42.2	29.50	6.35	57	160	1.52
1 ½ x 1	48.3	34.02	7.14	57	33.4	20.70	6.35	57	160	1.46
1 ½ x ¾	48.3	34.02	7.14	57	26.7	15.58	5.56	57	160	1.40
1 ½ x ½	48.3	34.02	7.14	57	21.3	11.74	4.78	57	160	1.40
2 x 1 ½	60.3	42.82	8.74	64	48.3	34.02	7.14	60	160	2.41
2 x 1 ¼	60.3	42.82	8.74	64	42.2	29.50	6.35	57	160	2.35
2 x 1	60.3	42.82	8.74	64	33.4	20.70	6.35	51	160	2.22
2 x ¾	60.3	42.82	8.74	64	26.7	15.58	5.56	44	160	2.22
2 ½ x 2	73.0	53.94	9.53	76	60.3	42.82	8.74	70	160	4.00
2 ½ x 1 ½	73.0	53.94	9.53	76	48.3	34.02	7.14	67	160	3.94
2 ½ x 1 ¼	73.0	53.94	9.53	76	42.2	29.50	6.35	64	160	3.81
2 ½ x 1	73.0	53.94	9.53	76	33.4	20.70	6.35	57	160	3.68
3 x 2 ½	88.9	66.64	11.13	86	73.0	53.94	9.53	83	160	5.59
3 x 2	88.9	66.64	11.13	86	60.3	42.82	8.74	76	160	5.46
3 x 1 ½	88.9	66.64	11.13	86	48.3	34.02	7.14	73	160	5.14
3 x 1 ¼	88.9	66.64	11.13	86	42.2	29.50	6.35	70	160	5.08
❖ 3 x 1	88.9	66.64	11.13	86	33.4	20.70	6.35	67	160	5.08
4 x 3	114.3	87.32	13.49	105	88.9	66.64	11.13	105	160	9.78
4 x 2 ½	114.3	87.32	13.49	105	73.0	53.94	9.53	105	160	9.59
4 x 2	114.3	87.32	13.49	105	60.3	42.82	8.74	105	160	9.59
4 x 1 ½	114.3	87.32	13.49	105	48.3	34.02	7.14	105	160	9.53
5 x 4	141.3	109.54	15.88	124	114.3	87.32	13.49	124	160	16.13
5 x 3	141.3	109.54	15.88	124	88.9	66.64	11.13	124	160	15.37
5 x 2 ½	141.3	109.54	15.88	124	73.0	53.94	9.53	124	160	15.18
5 x 2	141.3	109.54	15.88	124	60.3	42.82	8.74	124	160	14.99
6 x 5	168.3	131.78	18.26	143	141.3	109.54	15.88	143	160	25.08
6 x 4	168.3	131.78	18.26	143	114.3	87.32	13.49	143	160	24.96
6 x 3	168.3	131.78	18.26	143	88.9	66.64	11.13	143	160	24.51
6 x 2 ½	168.3	131.78	18.26	143	73.0	53.94	9.53	143	160	24.26
❖ 6 x 2	168.3	131.78	18.26	143	60.3	42.82	8.74	143	160	23.75

Tamaño del tubo	DIMENSIONES DEL RECORRIDO				DIMENSIONES DE LA DERIVACIÓN				Nro. de cédula del tubo	Peso aprox. en kilogramos
	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo		
NPS	O.D.	I.D.	T	R	O.D.	I.D.	T	B		
8 x 6	219.1	173.08	23.01	178	168.3	131.78	18.26	162	160	44.58
8 x 5	219.1	173.08	23.01	178	141.3	109.54	15.88	156	160	44.07
8 x 4	219.1	173.08	23.01	178	114.3	87.32	13.49	191	160	43.94
❖ 8 x 3	219.1	173.08	23.01	178	88.90	66.650	152	184	160	43.37
10 x 8	273.0	215.84	28.58	216	219.1	173.08	23.01	203	160	67.95
10 x 6	273.0	215.84	28.58	216	168.3	131.78	18.26	194	160	66.04
10 x 5	273.0	215.84	28.58	216	141.3	109.54	15.88	191	160	65.41
10 x 4	273.0	215.84	28.58	216	114.3	87.32	13.49	184	160	64.14
❖ 10 x 3	273.0	215.84	28.58	216	88.90	66.650	11.125	184	160	63.50
12 x 10	323.8	257.16	33.32	254	273.0	215.84	28.58	241	160	104.78
12 x 8	323.8	257.16	33.32	254	219.1	173.08	23.01	229	160	99.06
12 x 6	323.8	257.16	33.32	254	168.3	131.78	18.26	219	160	95.89
12 x 5	323.8	257.16	33.32	254	141.3	109.54	15.88	216	160	94.62
❖ 12 x 4	323.8	257.16	33.32	254	114.3	87.32	13.49	216	160	93.98
14 x 12	355.6	284.18	35.71	279	323.8	257.16	33.32	270	160	133.36
14 x 10	355.6	284.18	35.71	279	273.0	215.84	28.58	257	160	128.91
14 x 8	355.6	284.18	35.71	279	219.1	173.08	23.01	248	160	127.01
14 x 6	355.6	284.18	35.71	279	168.3	131.78	18.26	238	160	124.47
16 x 14	406.4	325.42	40.49	305	355.6	284.18	35.71	305	160	170.19
16 x 12	406.4	325.42	40.49	305	323.8	257.16	33.32	295	160	165.74
16 x 10	406.4	325.42	40.49	305	273.0	215.84	28.58	283	160	158.76
16 x 8	406.4	325.42	40.49	305	219.1	173.08	23.01	273	160	152.41
16 x 6	406.4	325.42	40.49	305	168.3	131.78	18.26	264	160	149.23
18 x 16	457.0	366.52	45.24	343	406.4	325.42	40.49	330	160	220.99
18 x 14	457.0	366.52	45.24	343	355.6	284.18	35.71	330	160	212.73
18 x 12	457.0	366.52	45.24	343	323.8	257.16	33.32	321	160	208.29
18 x 10	457.0	366.52	45.24	343	273.0	215.84	28.58	308	160	195.59
18 x 8	457.0	366.52	45.24	343	219.1	173.08	23.01	298	160	190.51
20 x 18	508.0	407.98	50.01	381	457.0	366.52	45.24	368	160	282.59
20 x 16	508.0	407.98	50.01	381	406.4	325.42	40.49	356	160	271.16
20 x 14	508.0	407.98	50.01	381	355.6	284.18	35.71	356	160	261.63
20 x 12	508.0	407.98	50.01	381	323.8	257.16	33.32	346	160	252.11
20 x 10	508.0	407.98	50.01	381	273.0	215.84	28.58	333	160	243.85
20 x 8	508.0	407.98	50.01	381	219.1	173.08	23.01	324	160	238.13
24 x 20	610.0	490.92	59.54	432	508.0	407.98	50.01	432	160	387.37
24 x 18	610.0	490.92	59.54	432	457.0	366.52	45.24	419	160	373.40
24 x 16	610.0	490.92	59.54	432	406.4	325.42	40.49	406	160	367.05
24 x 14	610.0	490.92	59.54	432	355.6	284.18	35.71	406	160	358.79
24 x 12	610.0	490.92	59.54	432	323.8	257.16	33.32	397	160	354.34
24 x 10	610.0	490.92	59.54	432	273.0	215.84	28.58	384	160	349.26

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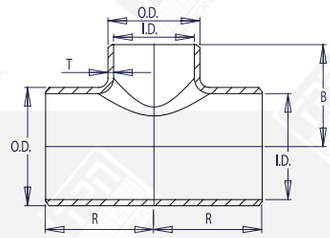
CÉDULA XXS



Tamaño del tubo	DIMENSIONES DEL RECORRIDO				DIMENSIONES DE LA DERIVACIÓN				Nro. de cédula del tubo	Peso aprox. en kilogramos
	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo		
NPS	O.D.	I.D.	T	R	O.D.	I.D.	T	B		
¾ x ½	26.7	11.06	7.82	29	21.3	6.36	7.47	29	*	0.34
1 x ¾	33.4	15.22	9.09	38	26.7	11.06	7.82	38	*	0.70
1 x ½	33.4	15.22	9.09	38	21.3	6.36	7.47	38	*	0.66
1 ¼ x 1	42.2	22.80	9.70	48	33.4	15.22	9.09	48	*	1.14
1 ¼ x ¾	42.2	22.80	9.70	48	26.7	11.06	7.82	48	*	1.14
1 ¼ x ½	42.2	22.80	9.70	48	21.3	6.36	7.47	48	*	1.14
1 ½ x 1 ¼	48.3	28.00	10.15	57	42.2	22.80	9.70	57	*	1.71
1 ½ x 1	48.3	28.00	10.15	57	33.4	15.22	9.09	57	*	1.64
1 ½ x ¾	48.3	28.00	10.15	57	26.7	11.06	7.82	57	*	1.57
1 ½ x ½	48.3	28.00	10.15	57	21.3	6.36	7.47	57	*	1.57
2 x 1 ½	60.3	38.16	11.07	64	48.3	28.00	10.15	60	*	2.72
2 x 1 ¼	60.3	38.16	11.07	64	42.2	22.80	9.70	57	*	2.64
2 x 1	60.3	38.16	11.07	64	33.4	15.22	9.09	51	*	2.50
2 x ¾	60.3	38.16	11.07	64	26.7	11.06	7.82	44	*	2.50
2 ½ x 2	73.0	44.96	14.02	76	60.3	38.16	11.07	70	*	4.50
2 ½ x 1 ½	73.0	44.96	14.02	76	48.3	28.00	10.15	67	*	4.43
2 ½ x 1 ¼	73.0	44.96	14.02	76	42.2	22.80	9.70	64	*	4.29
2 ½ x 1	73.0	44.96	14.02	76	33.4	15.22	9.09	57	*	4.15
3 x 2 ½	88.9	58.42	15.24	86	73.0	44.96	14.02	83	*	6.29
3 x 2	88.9	58.42	15.24	86	60.3	38.16	11.07	76	*	6.15
3 x 1 ½	88.9	58.42	15.24	86	48.3	28.00	10.15	73	*	5.79
3 x 1 ¼	88.9	58.42	15.24	86	42.2	22.80	9.70	70	*	5.72
❖ 3 x 1	88.9	58.42	15.24	86	33.4	15.22	9.09	67	*	5.72
4 x 3	114.3	80.06	17.12	105	88.9	58.42	15.24	105	*	11.00
4 x 2 ½	114.3	80.06	17.12	105	73.0	44.96	14.02	105	*	10.79
4 x 2	114.3	80.06	17.12	105	60.3	38.16	11.07	105	*	10.79
4 x 1 ½	114.3	80.06	17.12	105	48.3	28.00	10.15	105	*	10.72
5 x 4	141.3	103.20	19.05	124	114.3	80.06	17.12	124	*	18.15
5 x 3	141.3	103.20	19.05	124	88.9	58.42	15.24	124	*	17.29
5 x 2 ½	141.3	103.20	19.05	124	73.0	44.96	14.02	124	*	17.07
5 x 2	141.3	103.20	19.05	124	60.3	38.16	11.07	124	*	16.86

TEE REDUCIDA

Tamaño del tubo	DIMENSIONES DEL RECORRIDO				DIMENSIONES DE LA DERIVACIÓN				Nro. de cédula del tubo	Peso aprox. en kilogramos
	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo	Diámetro exterior	Diámetro interior	Espesor de la pared	Centro a extremo		
NPS	O.D.	I.D.	T	R	O.D.	I.D.	T	B		
6 x 5	168.3	124.40	21.95	143	141.3	103.20	19.05	143	*	28.22
6 x 4	168.3	124.40	21.95	143	114.3	80.06	17.12	143	*	28.08
6 x 3	168.3	124.40	21.95	143	88.9	58.42	15.24	143	*	27.58
6 x 2 ½	168.3	124.40	21.95	143	73.0	44.96	14.02	143	*	27.29
❖ 6 x 2	168.3	124.40	21.95	143	60.3	38.16	11.07	143	*	26.72
8 x 6	219.1	174.64	22.23	178	168.3	124.40	21.95	162	*	50.15
8 x 5	219.1	174.64	22.23	178	141.3	103.20	19.05	156	*	49.58
8 x 4	219.1	174.64	22.23	178	114.3	80.06	17.12	191	*	49.44
❖ 8 x 3	219.1	174.64	22.23	178	88.9	58.42	15.24	184	*	48.79
10 x 8	273.0	222.20	25.40	216	219.1	174.64	22.23	203	*	76.44
10 x 6	273.0	222.20	25.40	216	168.3	124.40	21.95	194	*	74.30
10 x 5	273.0	222.20	25.40	216	141.3	103.20	19.05	191	*	73.59
10 x 4	273.0	222.20	25.40	216	114.3	80.06	17.12	184	*	72.16
❖ 10 x 3	273.0	222.20	25.40	216	88.9	58.42	15.24	184	*	71.67
12 x 10	323.8	273.00	25.40	254	273.0	222.20	25.40	241	*	117.88
12 x 8	323.8	273.00	25.40	254	219.1	174.64	22.23	229	*	111.45
12 x 6	323.8	273.00	25.40	254	168.3	124.40	21.95	219	*	107.88
12 x 5	323.8	273.00	25.40	254	141.3	103.20	19.05	216	*	106.45
❖ 12 x 4	323.8	273.00	25.40	254	114.3	80.06	17.12	216	*	105.73