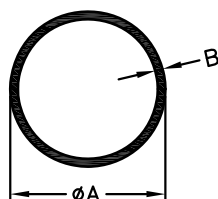


ACTUALIZACIÓN 29-05-2019

TUBOS REDONDOS



A	B	PESO TEÓRICO	PERÍMETRO
10.00	1.00	0.076	57
10.00	1.20	0.090	55
11.00	1.50	0.121	82
13.00	1.20	0.120	74
14.00	1.00	0.111	119
16.00	4.60	0.446	71
18.00	1.50	0.211	103
18.50	1.35	0.197	108
18.60	1.40	0.192	109
19.00	2.00	0.289	107
20.00	1.00	0.162	119
20.00	1.30	0.206	118
20.00	4.90	0.626	95
22.00	1.25	0.220	130
22.00	1.50	0.262	129
22.00	2.00	0.340	126
22.00	4.90	0.710	107
22.00	6.00	0.815	100
22.50	1.00	0.184	135
25.00	1.30	0.261	149
25.00	1.50	0.297	147
25.00	2.00	0.397	145
25.00	2.50	0.477	142
25.00	3.00	0.560	138
25.40	3.25	0.610	139
27.00	1.00	0.221	164
28.00	1.00	0.229	170
29.49	1.37	0.327	177
30.00	1.50	0.363	179
30.00	2.00	0.475	176
30.00	7.50	1.431	141
31.70	4.70	1.076	170
31.75	3.25	0.786	179
32.00	1.65	0.424	191
33.20	3.075	0.786	189
34.00	1.50	0.413	204
35.00	1.10	0.316	213
35.00	1.50	0.426	211
35.00	2.00	0.560	207
40.00	1.50	0.489	242
40.00	2.60	0.823	235
41.50	2.50	0.826	245
41.50	3.50	1.143	242
42.00	3.50	1.143	242
42.00	4.00	1.291	239
42.50	4.75	1.521	238
43.50	1.50	0.534	264
45.00	1.50	0.553	273
48.00	3.00	1.150	283
48.00	4.00	1.482	278
48.40	4.47	1.666	276
48.50	1.50	0.597	295
50.00	1.40	0.578	305
50.00	1.50	0.617	305
50.00	2.00	0.815	302
50.00	3.00	1.196	295
50.00	3.50	1.380	292
51.00	2.00	0.832	308
51.50	3.00	1.234	305
51.50	21.90	5.499	186

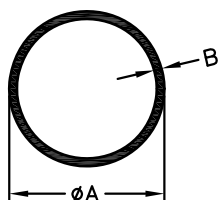
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Antes de realizar un pedido deben solicitar el envío del plano, para comprobar todos los aspectos del perfil.

ACTUALIZACIÓN 29-05-2019

continuación de página anterior

TUBOS REDONDOS

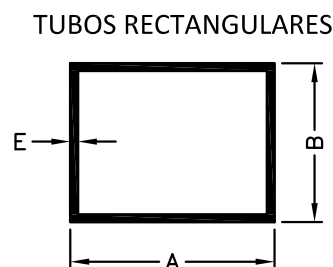


A	B	PESO TEÓRICO	PERÍMETRO
55.00	2.00	0.899	333
55.00	6.00	2.495	308
60.00	1.40	0.697	368
60.00	2.00	0.984	364
60.00	3.00	1.450	358
60.00	3.50	1.677	355
60.00	5.00	2.333	345
62.00	2.00	1.018	377
64.00	6.00	2.951	364
70.00	6.00	3.256	402
70.00	8.50	4.434	387
70.00	16.50	7.488	336
75.00	1.30	0.813	463
80.00	1.50	0.999	493
80.00	2.00	1.323	490
86.00	7.00	4.691	496
90.00	5.00	3.605	534
100.50 <sup>*)</sup>	1.18	0.859	624
101.60 <sup>*)</sup>	1.12	0.955	631
105.00	2.50	2.174	644
112.00 <sup>*)</sup>	1.20	1.128	696
120.00	8.00	7.600	704
127.00 <sup>*)</sup>	1.23	1.312	790
132.00 <sup>*)</sup>	1.25	1.386	822
140.00	2.50	2.916	864
162.60	5.00	6.684	990
210.00	5.00	8.694	1288

<sup>\*)</sup> TUBOS REDONDOS ESPECIALES

ACTUALIZACIÓN 29-05-2019

	A	B	E	PESO TEÓRICO	PERÍMETRO	
	17.50	10.00	1.30	0.174	99	
	20	10.00	1.30	0.191	109	
(NUEVO)	20	10.00	2.00	0.281	103	Esquinas de R0.3 mm
	25	10.00	2.00	0.335	123	Esquinas de R0.3 mm
	25.20	8.20	1.50	0.246	121	
	27.7	21.50	1.50	0.374	184	
	30	10.00	1.50	0.291	144	
	30	15.00	1.30	0.297	169	
	30	15.00	2.00	0.435	159	
	30	20.00	1.30	0.332	189	
	30	20.00	2.00	0.497	183	
	31	22.50	1.30	0.356	204	
	33	22.00	2.50	0.679	198	
	38	25.00	2.00	0.635	233	
	40	10.00	1.30	0.332	188	
	40	15.00	2.00	0.543	199	
	40	20.00	1.30	0.402	229	
	40	20.00	1.50	0.462	227	
	40	28.00	2.50/3.00	0.913	248	
	40	30.00	2.50/2.00	0.810	261	
	40	30.00	2.00	0.712	264	
	42	27.00	2.50	0.850	252	Esquinas de R2.50 mm
	45	30.00	2.00	0.788	279	Esquinas: int=3/ext=0.3
	45	35.00	2.00	0.820	304	
	47.50	42.50	2.00	0.928	344	
	50	10.00	1.40	0.432	228	
	50	20.00	1.50	0.542	267	
	50	25.00	1.35	0.527	288	
	50	30.00	2.00	0.820	304	
	50	30.00	3.00	1.198	295	
	60	10.00	1.40	0.508	268	Esquinas de R0.3 mm
	60	20.00	1.30	0.543	309	
	60	20.00	2.00	0.821	303	
	60	30.00	1.50	0.705	348	
	60	40.00	1.30	0.683	389	
	60	40.00	1.70	0.887	386	
	60	40.00	2.00	1.037	383	
	60	50.00	3.00	1.685	415	
	60	50.00	5.00	2.643	390	
	67	38.00	2.00	1.091	403	
	70	16.00	1.00	0.438	324	Esquinas de R4.0 mm
	70	20.00	1.30	0.613	349	
	75	40.00	1.50	0.907	447	
	80	15.00	1.20	0.599	369	Esquinas de R0.5 mm
	80	20.00	1.40	0.734	388	
	80	38.00	2.00	1.231	455	
	80	40.00	1.40	0.887	468	
	80	40.00	2.00	1.253	463	
(NUEVO)	80	40.00	2.50	1.521	451	Esquinas de R1.50 mm
	80	50.00	2.00	1.360	503	
	90	19.00	1.50	0.859	423	
(NUEVO)	90	25.00	1.40	0.848	447	Esquinas de R0.50 mm
	100	20.00	1.30	0.824	469	
	100	20.00	1.50	0.948	467	
	100	40.00	1.40	1.037	548	
	100	45.00	1.40	1.112	588	
	100	50.00	2.00	1.577	583	
	100	90.00	6.00	5.765	710	Esquinas de R1.00 mm

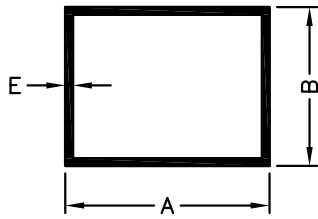


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Antes de realizar un pedido deben solicitar el envío del plano, para comprobar todos los aspectos del perfil.

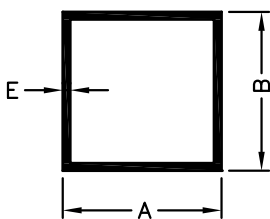
ACTUALIZACIÓN 29-05-2019

TUBOS RECTANGULARES



A	B	E	PESO TEÓRICO	PERÍMETRO	
120	40.00	1.50	1.272	627	
120	60.00	2.00	1.901	703	
120	80.00	3.00	3.143	776	
121	20.00	3.00	2.190	538	
123	75.00	2.00	2.093	774	Esquinas de R1.00 mm
125	50.00	4.60	4.117	663	
145	40.00	2.00	1.955	723	
150	50.00	2.00	2.117	783	Esquinas de R0.3 mm
160	75.00	2.50	3.103	920	
160	75.00	8.00	9.459	876	
180	30.00	2.20	2.440	821	
200	40.00	3.00	3.789	928	
200	80.00	2.50	3.712	1099	
200	100.00	4.00	2.336	1167	Esquinas de R0.3 mm
200	100.00	8.00	4.544	1135	Esquinas de R0.3 mm
200	100.00	10.00	5.600	1119	Esquinas de R0.3 mm

TUBOS CUADRADOS

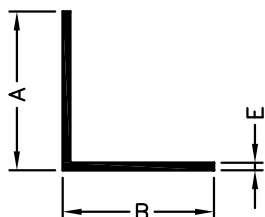


A	B	E	PESO TEÓRICO	PERÍMETRO	
20	20	1.30	0.262	148	
20	20	2.00	0.389	143	
21.5	21.5	3.00	0.551	136	
25	25	2.00	0.489	180	Esquinas Radio 2mm
25	25	2.00	0.497	183	
28	28	3.00	0.775	191	
30	30	2.00	0.597	219	Esquinas Radio 2mm
30	30	2.00	0.605	223	
35	35	1.80	0.645	265	
40	40	1.30	0.543	309	
40	40	1.50	0.621	307	
40	40	2.00	0.821	303	
50	50	1.30	0.683	389	
60	60	1.30	0.823	469	
60	60	2.00	1.253	463	
60	60	3.00	1.847	455	
63.50	63.50	8.00	4.795	443	Esquinas Radio 0.5 mm
80	80	1.40	1.188	628	
80	80	1.50	1.271	627	
80	80	2.00	1.684	623	Esquinas Radio 0.5 mm
80	80	4.00	3.272	605	
100	100	2.00	2.117	783	
100	100	4.00	4.147	767	
120	120	2.00	2.549	943	
125	125	2.50	3.307	979	
134.5	134.5	3.50	4.903	1038	
144	144	4.00	5.909	1094	
150	150	3.00	4.763	1174	

ACTUALIZACIÓN 29-05-2019

A	B	E	PESO TEÓRICO	PERÍMETRO	
15	15	1.50	0.113	58	
20	15	1.15	0.119	79	
20	15	2.00	0.178	69	
20	20	1.15	0.119	79	
20	20	1.30	0.135	79	
20	20	1.50	0.154	78	
20	20	2.00	0.205	79	
25	15	1.40	0.146	79	
25	25	1.30	0.170	99	
25	25	2.00	0.259	99	
25	25	3.00	0.380	99	
30	20	1.50	0.196	99	
30	20	2.00	0.259	99	
30	30	1.15	0.181	119	
30	30	1.30	0.205	119	
30	30	1.50	0.235	118	
30	30	2.00	0.313	119	
40	20	1.30	0.205	119	
40	20	2.00	0.313	120	
40	30	3.00	0.543	139	
40	40	1.30	0.275	159	
40	40	2.00	0.421	159	
40	40	3.00	0.623	159	Esquinas de R0.3 mm
40	40	4.00	0.821	159	
42	30	1.70	0.321	159	
50	10	2.00	0.313	119	
50	16	3.00	0.510	131	
50	20	2.00	0.367	139	
50	30	1.50	0.318	159	
50	30	1.70	0.359	160	Esquinas de R0.3 mm
50	30	2.00	0.421	159	
50	45	2.00	0.502	189	
50	50	1.50	0.397	198	
50	50	2.00	0.529	199	
50	50	3.00	0.785	199	
50	50	4.50	1.160	199	
50	50	5.00	1.282	200	
53	25	2.00	0.410	155	
53	35	1.50	0.350	175	Esquinas de R1y R0.3mm
60	15	1.50	0.297	149	
60	20	2.00	0.421	159	
60	40	1.40	0.373	199	
60	40	1.70	0.451	199	
60	40	2.00	0.529	199	
60	40	2.50	0.659	198	
60	40	4.00	1.037	199	
60	60	1.50	0.478	239	
60	60	2.00	0.637	239	
65	30	1.50	0.378	189	Esquinas de R0.3 mm
70	30	2.00	0.529	199	
70	52	3.00	0.963	243	
70	70	4.00	1.469	279	
75	75	10.00	3.780	299	Esquinas de R0.3 mm
80	20	2.00	0.529	199	
80	30	2.00	0.583	219	
80	40	1.50	0.481	239	
80	40	2.00	0.637	240	
80	40	3.00	0.948	239	
81.30	81.30	1.30	0.565	339	
90	60	1.40	0.561	299	
100	30	2.00	0.691	259	
100	40	3.00	1.109	279	
100	50	9.25	3.515	299	
100	75	3.00	2.737	349	Esquinas de R0.5 mm

ÁNGULOS



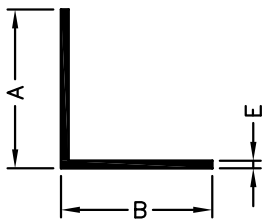
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Antes de realizar un pedido deben solicitar el envío del plano, para comprobar todos los aspectos del perfil.

ACTUALIZACIÓN 29-05-2019

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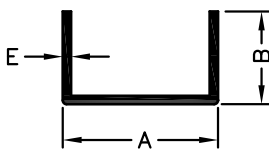
ÁNGULOS



	A	B	E	PESO TEÓRICO	PERÍMETRO
	100	100	1.80	0.963	399
	100	100	6.00	3.142	399
	100	100	10.0	5.130	399
	110	30	1.50	0.559	278
	120	20	2.00	0.745	279
	120	40	1.70	0.726	320
	120	40	3.00	1.272	319
	120	50	2.00	0.907	340
(NUEVO)	150	45	4.00	1.893	387
	150	150	8.00	6.304	598
	155	42	5.00	2.591	393
	180	45	3.5/4.0	2.177	446
	220	55	3.5/4.0	2.663	546

Esquinas de R0.3 mm

PERFILES DE "U"

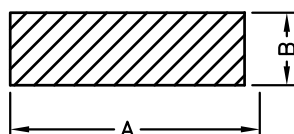


	A	B	E	PESO TEÓRICO	PERÍMETRO
	10.00	15.00	1.50	0.150	76
	12.00	28.00	2.00	0.335	130
	12.60	12.10	1.20	0.105	74
	13.00	10.00	1.50	0.122	62
	14.30	20.00	0.85	0.121	107
	16.00	12.50	1.50	0.153	78
	16.00	15.00	1.30	0.152	89
	16.00	25.00	1.30	0.222	129
	17.65	20.00	0.80	0.121	114
	18.80	12.50	1.50	0.165	83
	18.80	14.00	1.20	0.143	90
	20.00	20.00	1.30	0.202	117
	25.00	15.00	2.00	0.273	104
	27.50	20.00	1.30	0.227	132
	30.00	121.0	6.00	4.223	529
	30.50	40.00	2.70	0.767	215
	32.40	21.80	1.50	0.294	147
	34.70	25.50	1.80	0.397	166
	36.00	24.00	3.00	0.631	161
	36.40	36.60	1.50	0.431	215
	38.50	52.00	3.00	1.105	278
	40.00	30.00	3.5/2.5	0.719	188
	40.00	40.00	4.00	1.210	231
	40.00	121.0	6.00	4.385	549
	43.00	27.00	3.00	0.737	187
	46.80	43.00	3.0/3.5	1.082	257
	50.00	30.00	2.00	0.572	215
	50.00	30.00	3.00	0.842	213
	52.00	70.00	3.00	1.506	243
	52.00	90.00	3.00	1.830	457
	60.00	40.00	4.00	1.426	271
	60.60	102.00	5.00	3.629	511
	76.00	50.00	4.00	1.814	343
	80.00	20.00	2.00	0.626	235
	100.0	50.00	5.00	2.565	389
	100.0	121.0	8.00	7.052	664

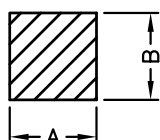
ACTUALIZACIÓN 29-05-2019

	A	B	PESO TEÓRICO	PERÍMETRO	
	8	5	0.108	25	
	10	3	0.081	25	
	10	5	0.135	30	Esquinas de R0.25 mm
	10	8	0.216	35	
(NUEVO)	12	4	0.129	31	Esquinas de R0.30 mm
	15	3	0.121	36	
	16	3	0.130	37	
	16	6	0.259	43	
	16	8	0.346	47	
	17	5.50	0.251	44	
	20	2	0.107	43	
	20	3	0.162	45	
	20	4	0.216	47	
	20	5	0.270	49	
	20	10	0.540	60	
	21	2.00	0.113	46	
	22	1.50	0.089	46	
	25	2.50	0.167	54	
	25	20	1.350	89	
	30	3	0.243	65	
	30	15	1.215	89	
	34.90	4.90	0.462	78	
	40	4	0.432	88	
	40	7	0.756	93	
	40	8	0.863	95	
	40	10	1.075	97	
	40	15	1.620	109	
	41	2	0.221	85	
	44	3	0.356	93	
	49.65	1.45	0.194	101	
	50	2	0.270	104	
	50	3	0.405	106	
	50	15	2.025	129	
	52	3	0.421	109	
	60	3	0.486	126	
	64	5	0.864	137	
	70	5	0.945	149	
	80	5	1.080	170	
	85	20	4.589	209	
	87	8	1.879	190	
	90	2.70	0.656	185	
	95	15	3.848	219	
	100	5	1.350	209	
	125	13	4.387	275	
	150	10	4.050	319	
	200	10	5.400	420	
	200	15	8.100	429	
	200	25	13.500	450	
	220	4	2.374	447	

PLETINAS



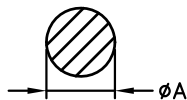
CUADRADOS MACIZOS



A	B	PESO TEÓRICO	PERÍMETRO
25	25	1.685	98
30	30	2.430	119
40	40	4.320	160
50	50	6.749	199

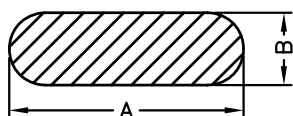
ACTUALIZACIÓN 29-05-2019

REDONDOS MACIZOS



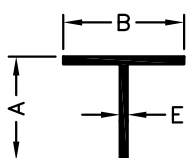
A	PESO TEÓRICO	PERÍMETRO
6	0.076	19
8	0.135	25
12	0.305	38
20	0.848	63
26	1.434	82
30	1.909	94
47	4.684	148
50.80	5.473	160

PLETINAS ESPECIALES



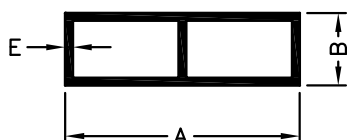
A	B	PESO TEÓRICO	PERÍMETRO
25	3	0.197	53
40	5	0.526	86
50	10	1.292	111
85	25	5.375	199

PERFILES DE "T"



A	B	E	PESO TEÓRICO	PERÍMETRO
20	20	2.00	0.205	79
20	40	2.00	0.313	119
24	24	1.35	0.170	96
45	110	2.00	0.828	306
50	50	2.00	0.528	199
50	50	5.00	1.282	199
50	100	2.00	0.799	299
60	40	2.50	0.678	199
60	80	2.50	0.932	277
60	100	2.50	1.115	319
70	70	2.00	0.749	277
100	110	2.50	1.400	419

TUBOS CON TABIQUE CENTRAL



A	B	E	PESO TEÓRICO	PERÍMETRO
50	10	1.00	0.333	243
80	15.80	1.10	0.591	396
100	15	3.00	1.347	456
100	20	1.30	0.894	500
100	20	1.50	1.015	498
120	25	1.55	1.283	601
120	28	1.30	1.109	629
125	18	1.30	1.039	589
150	18	1.30	1.215	689
190	18.60	1.70	1.954	846

Esquinas de R0.5 mm