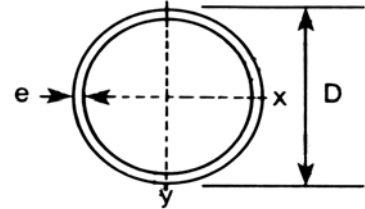


PERFILES SECCIÓN CIRCULAR

Fy 3230 kgf/cm<sup>2</sup>

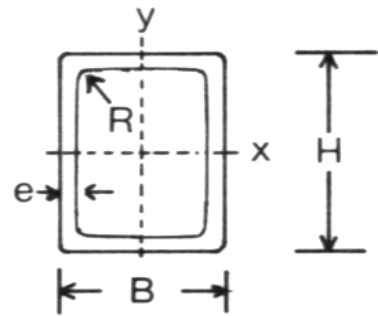
DIÁMETRO NOMINAL D, pulgada	DIMENSIONES mm		SECCIÓN A cm <sup>2</sup>	PESO kgf/m	PROPIEDADES ESTÁTICAS			
	D	e			Ix cm <sup>4</sup>	Sx cm <sup>3</sup>	Zx cm <sup>3</sup>	rx cm
3	76.2	2.25	5.23	4.1	35.8	9.39	12.3	2.62
3 1/2	88.9	2.25	6.12	4.81	57.5	12.9	16.9	3.06
4 1/2	114	2.5	8.78	6.89	137	24	31.1	3.95
5	127	3	11.7	9.17	225	35.4	46.1	4.39
5 1/2	140	3.4	14.6	11.4	338	48.4	63.5	4.82
6	152	4	18.7	14.6	514	67.4	87.6	5.25
6 5/8	168	4.3	22.2	17.4	745	88.6	115.3	5.8
7 5/8	194	4.5	26.7	21	1200	124	161.6	6.69
8 5/8	219	5.5	36.9	29	2100	192	250.8	7.55
10 3/4	273	7	58.5	45.9	5180	379	495.4	9.41
12 3/4	324	9	89	69.9	11.04	682	893.3	11.1



PERFILES DE SECCIÓN RECTANGULAR

Fy 3515 kgf/cm<sup>2</sup>

DIMENSIONES NOMINALES H x B, mm	DIMENSIONES mm		SECCIÓN A cm <sup>2</sup>	PESO kgf/m	PROPIEDADES ESTÁTICAS								
	e	R			Ix cm <sup>4</sup>	Sx cm <sup>3</sup>	Zx cm <sup>3</sup>	rx cm	Iy cm <sup>4</sup>	Sy cm <sup>3</sup>	Zy cm <sup>3</sup>	ry cm	
80	40	2.25	2.25	5.07	3.98	41.3	10.3	13.4	2.86	14	7.01	8.2	1.66
100	40	2.25	2.25	5.97	4.68	72.4	14.5	19.1	3.48	17.2	8.6	9.9	1.70
120	60	2.5	2.5	8.59	6.74	161	26.9	34.2	4.33	55.1	18.4	21.0	2.53
140	60	3	3	11.4	8.96	278	39.7	51.6	4.94	74	24.7	28.3	2.55
160	65	3.4	6.8	14.3	11.3	443	55.4	74.5	5.56	109	33.6	39.3	2.76
180	65	4	8	18.3	14.3	686	76.2	104.9	6.13	139	42.8	50.4	2.76
200	70	4.3	8.6	21.7	17	1000	100	137.7	6.79	193	55	64.6	2.98
220	90	4.5	9	26.2	20.6	1540	140	187.4	7.66	384	85.4	99.4	3.83
260	90	5.5	11	36	28.3	2800	215	296.5	8.82	530	118	138.0	3.84
320	120	7	14	57.5	45.2	6920	432	590.6	11	1490	249	292.4	5.09
350	170	9	18	86.9	68.2	13330	762	1017.7	12.4	4370	514	611.1	7.09



PERFILES DE SECCIÓN CUADRADA

DIMENSIONES NOMINALES H x B, mm	DIMENSIONES mm		SECCIÓN A cm <sup>2</sup>	PESO kgf/m	PROPIEDADES ESTÁTICAS				
	e	R			Ix cm <sup>4</sup>	Sx cm <sup>3</sup>	Zx cm <sup>3</sup>	rx cm	
60	60	2.25	2.25	5.07	3.98	27.8	9.26	11.3	2.34
70	70	2.25	2.25	5.97	4.68	45.1	12.9	15.5	2.75
90	90	2.5	2.5	8.59	6.74	108	24.1	28.7	3.55
100	100	3	3	11.4	8.96	177	35.4	42.4	3.94
110	110	3.4	3.4	14.2	11.2	266	48.3	58.0	4.33
120	120	4	6	18.2	14.3	407	67.3	80.8	4.74
135	135	4.3	8.6	21.7	17	604	89.5	110.2	5.28
155	155	4.5	9	26.2	20.6	971	125	152.9	6.09
175	175	5.5	11	36	28.3	1690	193	237.1	6.85
220	220	7	14	57.5	45.2	4260	387	476.5	8.6
260	260	9	18	86.9	68.2	8920	686	850.9	10.1

