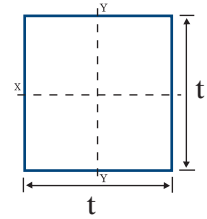


CS

CUADRADO SÓLIDO

Acero ASTM A-36	$f_y = 2530$	kg/cm^2
Acero SAE 1018	$f_y = 3670$	kg/cm^2
Acero SAE 1045	$f_y = 4220$	kg/cm^2
Acero SAE 1060	$f_y = 4580$	kg/cm^2



Designación lado t			Peso		Área	Ejes X-X y Y-Y		
PERFIL	mm	in.	Kg/m	lb./ft.		I	S	r
					cm ²	cm ⁴	cm ³	cm
CS	9.5	3/8	0.712	0.478	0.907	0.005	1.105E-04	0.076
CS	11.1	7/16	0.969	0.651	1.235	0.010	1.755E-04	0.089
CS	12.7	1/2	1.266	0.850	1.613	0.017	2.620E-04	0.102
CS	15.9	5/8	1.978	1.328	2.520	0.041	5.117E-04	0.127
CS	19.1	3/4	2.848	1.912	3.629	0.084	8.841E-04	0.152
CS	20.6	13/16	3.342	2.244	4.259	0.116	1.124E-03	0.165
CS	22.2	7/8	3.876	2.602	4.940	0.156	1.404E-03	0.178
CS	23.8	15/16	4.450	2.987	5.670	0.206	1.727E-03	0.190
CS	25.4	1	5.063	3.399	6.452	0.266	2.096E-03	0.203
CS	27.0	1 1/16	5.715	3.837	7.283	0.339	2.514E-03	0.216
CS	28.6	1 1/8	6.407	4.301	8.165	0.426	2.984E-03	0.229
CS	30.2	1 3/16	7.139	4.793	9.098	0.529	3.509E-03	0.241
CS	31.8	1 1/4	7.910	5.310	10.081	0.650	4.093E-03	0.254
CS	33.3	1 5/16	8.721	5.855	11.114	0.790	4.738E-03	0.267
CS	34.9	1 3/8	9.571	6.426	12.198	0.951	5.448E-03	0.279
CS	38.1	1 1/2	11.391	7.647	14.516	1.347	7.073E-03	0.305
CS	39.7	1 9/16	12.360	8.298	15.751	1.586	7.995E-03	0.317
CS	41.3	1 5/8	13.368	8.975	17.036	1.856	8.993E-03	0.330
CS	44.5	1 3/4	15.504	10.409	19.758	2.496	1.123E-02	0.355
CS	50.8	2	20.250	13.595	25.806	4.259	1.677E-02	0.406
CS	57.2	2 1/4	25.629	17.206	32.661	6.821	2.387E-02	0.457

CUADRADO EN MILÉSIMAS DE PULGADA

CS	12.0	0.472	1.128	0.757	1.437	0.013	2.204E-04	0.096
CS	13.5	0.532	1.433	0.962	1.826	0.021	3.156E-04	0.108
CS	16.3	0.640	2.074	1.392	2.643	0.045	5.494E-04	0.130
CS	16.7	0.656	2.179	1.463	2.776	0.049	5.916E-04	0.133
CS	16.7	0.657	2.185	1.467	2.785	0.050	5.943E-04	0.133
CS	19.8	0.781	3.088	2.073	3.935	0.099	9.984E-04	0.159
CS	19.9	0.782	3.096	2.078	3.945	0.100	1.002E-03	0.159
CS	26.2	1.032	5.392	3.620	6.871	0.302	2.303E-03	0.210
CS	29.4	1.157	6.777	4.550	8.636	0.477	3.246E-03	0.235