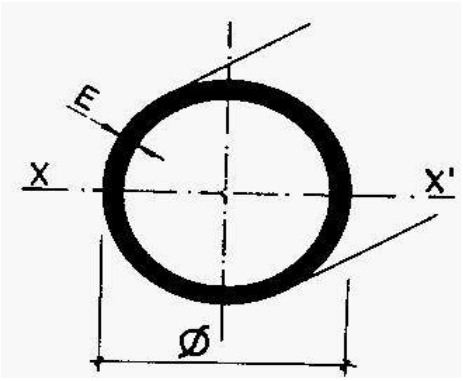
TUBO REDONDO





Nombre	UM	P.T.	m/Un
TUBO RED. 10x1	HM	0,23	6
TUBO RED. 12x1	HM	0,28	6
TUBO RED. 12x1,5	HM	0,40	6
TUBO RED. 14x1	HM	0,33	6
TUBO RED. 14x1,5	HM	0,48	6
TUBO RED. 16x1	HM	0,38	6
TUBO RED. 16x1,5	HM	0,56	6
TUBO RED. 18x1,5	HM	0,63	6
TUBO RED. 20x1	HM	0,48	6
TUBO RED. 20x1,5	HM	0,71	6
TUBO RED. 20x2	HM	0,92	6
TUBO RED. 22x1,5	HM	0,79	6
TUBO RED. 22x2	HM	1,03	6
TUBO RED. 25x1	HM	0,62	6
TUBO RED. 25x1,5	HM	0,90	6
TUBO RED. 25x2	HM	1,18	6
TUBO RED. 28x1,5	HM	1,02	6
TUBO RED. 28x2	HM	1,33	6
TUBO RED. 30x1,5	HM	1,09	6
TUBO RED. 30x2	HM	1,44	6
TUBO RED. 32x1,5	HM	1,18	6
TUBO RED. 32x2	HM	1,54	6
TUBO RED. 35x1,5	HM	1,29	6
TUBO RED. 35x2	HM	1,70	6
TUBO RED. 38x1,5	HM	1,40	6
TUBO RED. 38x2	HM	1,85	6
TUBO RED. 40x1,5	HM	1,48	6
TUBO RED. 40x2	HM	1,94	6
TUBO RED. 42x1,5	HM	1,56	6
TUBO RED. 42x2	HM	2,05	6
TUBO RED. 45x1	HM	1,13	6
TUBO RED. 45x1,5	HM	1,67	6
TUBO RED. 45x2	HM	2,20	6
TUBO RED. 48x1,5	HM	1,79	6
TUBO RED. 48x2	HM	2,36	6

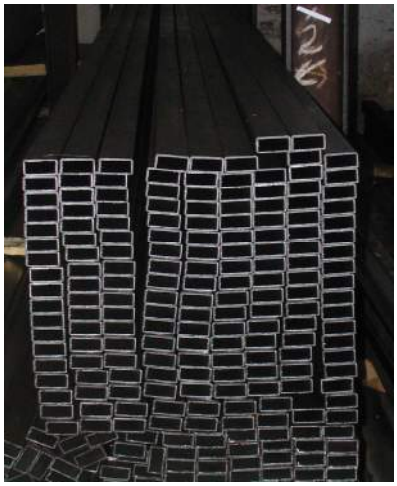
Sección A cm^2	I_x cm^4	W_x cm^3	i_x cm	I_o cm^4
0,283	0,0289	0,058	0,319	0,0578
0,346	0,0527	0,088	0,390	0,1054
0,495	0,0700	0,116	0,375	0,1390
0,408	0,0873	0,125	0,462	0,1746
0,589	0,1170	0,167	0,445	0,2330
0,471	0,1331	0,166	0,532	0,2661
0,683	0,1814	0,227	0,515	0,3626
0,777	0,2667	0,296	0,586	0,5333
0,597	0,2700	0,270	0,673	0,5399
0,871	0,3752	0,375	0,656	0,7505
1,130	0,4635	0,463	0,640	0,9269
0,966	0,5099	0,464	0,727	1,0199
1,256	0,6343	0,577	0,711	1,2686
0,754	0,5435	0,435	0,849	1,0871
1,107	0,7672	0,614	0,833	1,5344
1,444	0,9623	0,770	0,816	1,9247
1,248	1,0992	0,785	0,938	2,1984
1,633	1,3879	0,991	0,922	2,7758
1,342	1,3667	0,911	1,009	2,7334
1,758	1,7320	1,155	0,992	3,4640
1,437	1,6745	1,047	1,080	3,3490
1,884	2,1289	1,331	1,063	4,2578
1,578	2,2179	1,267	1,186	4,4357
2,072	2,8314	1,618	1,169	5,6628
1,719	2,8678	1,509	1,292	5,7355
2,261	3,6738	1,934	1,275	7,3476
1,813	3,3649	1,682	1,362	6,7298
2,386	4,3194	2,160	1,345	8,6388
1,908	3,9186	1,866	1,432	7,8372
2,513	3,0394	2,400	1,416	10,0788
1,382	3,3470	1,488	1,556	6,6940
2,049	4,8519	2,156	1,539	9,7039
2,700	6,2548	2,780	1,522	12,5096
2,190	5,9257	2,469	1,645	11,8514
2,889	7,6553	3,190	1,628	15,3106

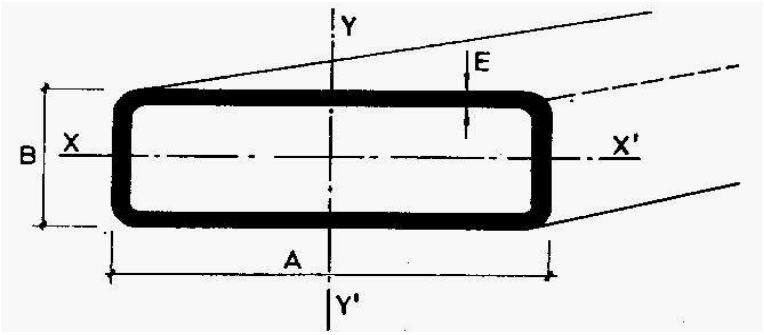
TUBO REDONDO (Continuación)

Nombre	UM	P.T.	m/Un	Sección A cm^2	I_x cm^4	W_x cm^3	i_x cm	I_o cm^4
TUBO RED. 50x1,5	HM	1,86	6	2,284	6,7231	2,689	1,716	13,4463
TUBO RED. 50x2	HM	2,46	6	3,014	8,6965	3,479	1,699	17,3931
TUBO RED. 60x1,5	HM	2,25	6	2,755	11,7946	3,932	2,069	23,5892
TUBO RED. 60x2	HM	2,97	6	3,642	15,3345	5,112	2,052	30,6690
TUBO RED. 70x1,5	HM	2,63	6	3,226	18,9326	5,409	2,422	37,8653
TUBO RED. 70x2	HM	3,48	6	4,270	24,7043	7,058	2,405	49,4085
TUBO RED. 76x2	HM	3,80	6					
TUBO RED. 80x1,5	HM	3,02	6	3,697	28,5050	7,126	2,777	57,0100
TUBO RED. 80x2	HM	4,00	6	4,898	37,2960	9,324	2,759	74,5910
TUBO RED. 80x3	HM	5,93	6	7,26	8,90	53,90	13,50	2,72
TUBO RED. 80x5	HM	9,62	6					
TUBO RED. 90x2	HM	4,51	6	5,526	53,5500	11,900	3,113	107,1010
TUBO RED. 100x2	HM	5,02	6	6,154	73,9520	14,790	3,466	147,9040
TUBO RED. 100x3	HM	7,47	6	9,14	14,10	108,00	21,50	3,43
TUBO RED. 114,3x8	HM	21,84	6					
TUBO RED. 120x2	HM	6,05	6					
TUBO RED. 127x2	HM	6,163	6					
TUBO RED. 133x4	HM	13,21	6	16,21	33,28	337,53	50,76	4,56
TUBO RED. 139,7x8	HM	27,04	6					
TUBO RED. 152x3	HM	11,54	6					
TUBO RED. 168,3x4,5	HM	18,51	6					
TUBO RED. 244,5x8	HM	48,57	6					
Galvanizado								
TUBO RED. 48x1,5	HM	1,79	6					
TUBO RED. 80x2	HM	4	6					

Consultar para otras medidas

TUBO RECTANGULAR SOLDADO





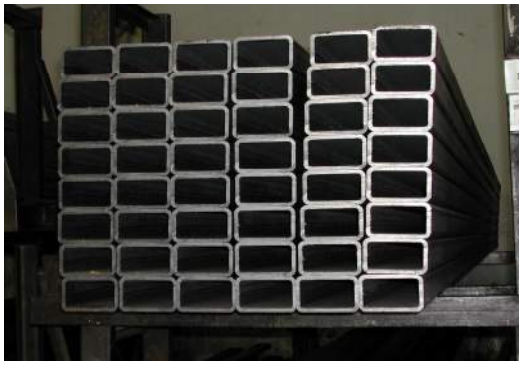
Nombre	UM	P.T.	m/Un	Sección A cm^2	$I_{xx'}$ cm^4	W_{xx} cm^3	ix cm	$I_{yy'}$ cm^4	$W_{yy'}$ cm^3	iy cm
TRS 16x10x1	HM	0,38	6							
TRS 20x10x1	HM	0,46	6	0,528	0,090	0,180	0,413	0,278	0,278	0,725
TRS 20x10x1,5	HM	0,66	6	0,738	0,193	0,385	0,511	0,686	0,686	0,964
TRS 20x15x1,5	HM	0,78	6	0,960	0,317	0,423	0,575	0,508	0,508	0,727
TRS 25x10x1,5	HM	0,78	6	0,960	0,114	0,228	0,345	0,592	0,473	0,785
TRS 25x15x1	HM	0,62	6	0,728	0,282	0,376	0,622	0,635	0,508	0,934
TRS 25x15x1,5	HM	0,90	6	1,110	0,386	0,515	0,590	0,888	0,711	0,895
TRS 30x10x1	HM	0,62	6	0,728	0,131	0,261	0,423	0,787	0,524	1,039
TRS 30x10x1,5	HM	0,90	6	1,038	0,173	0,346	0,408	1,102	0,735	1,030
TRS 30x15x1,5	HM	1,02	6	1,188	0,455	0,607	0,619	1,407	0,938	1,088
TRS 30x20x1	HM	0,78	6	0,928	0,639	0,639	0,830	1,207	0,805	1,141
TRS 30x20x1,5	HM	1,14	6	1,338	0,895	0,895	0,818	1,712	1,141	1,131
TRS 30x20x2	HM	1,50	6	1,712	1,113	1,113	0,806	2,157	1,438	1,122
TRS 30x25x1,5	HM	1,27	6	1,488	1,510	1,208	1,008	2,016	1,344	1,164
TRS 35x10x1,5	HM	1,02	6	1,188	0,200	0,400	0,411	1,661	0,949	1,183
TRS 35x15x1,5	HM	1,14	6	1,338	0,524	0,698	0,626	2,083	1,190	1,248
TRS 35x20x1,5	HM	1,27	6	1,488	1,023	1,023	0,829	2,504	1,431	1,297
TRS 35x25x1,5	HM	1,39	6	1,638	2,045	1,636	1,110	3,517	2,010	1,465
TRS 40x15x1	HM	0,87	6	1,060	0,429	0,572	0,636	2,055	1,027	1,392
TRS 40x15x1,5	HM	1,27	6	1,488	0,592	0,790	0,631	2,935	1,467	1,404
TRS 40x20x1	HM	0,95	6	1,128	0,820	0,820	0,853	2,436	1,218	1,470
TRS 40x20x1,5	HM	1,39	6	1,638	1,152	1,152	0,839	3,491	1,745	1,460
TRS 40x20x2	HM	1,82	6	2,112	1,438	1,438	0,825	4,446	2,223	1,451
TRS 40x25x1	HM	1,03	6	2,816	1,355	1,084	1,048	1,408	1,408	1,511
TRS 40x25x1,5	HM	1,52	6	1,788	1,925	1,540	1,038	4,047	2,023	1,504
TRS 40x30x1	HM	1,10	6							
TRS 40x30x1,5	HM	1,63	6	1,938	2,931	1,954	1,230	4,603	2,302	1,541
TRS 40x30x2	HM	2,15	6	2,512	3,727	2,485	1,218	5,891	2,946	1,531
TRS 40x35x1,5	HM	1,76	6	2,088	4,188	2,393	1,416	5,159	2,580	1,572
TRS 45x15x1,5	HM	1,39	6	1,638	0,661	0,881	0,635	3,982	1,770	1,559
TRS 45x20x1,5	HM	1,52	6	1,788	1,280	1,280	0,846	4,692	2,085	1,620
TRS 45x25x1,5	HM	1,63	6	1,938	2,459	1,967	1,126	6,335	2,816	1,808
TRS 45x30x1,5	HM	1,76	6	2,088	3,236	2,157	1,245	6,111	2,716	1,711
TRS 45x35x1,5	HM	1,88	6	2,238	4,609	2,634	1,435	6,821	3,032	1,746

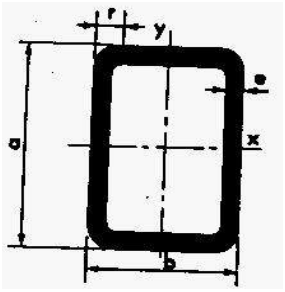
TUBO RECTANGULAR SOLDADO (continuación)

Nombre	UM	P.T.	m/Un	Sección A cm^2	$I_{xx'}$ cm^4	W_{xx} cm^3	ix cm	$I_{yy'}$ cm^4	$W_{yy'}$ cm^3	iy cm
TRS 50x10x1	HM	0,95	6							
TRS 50x10x1,5	HM	1,39	6	1,638	0,355	0,710	0,465	5,494	2,197	1,832
TRS 50x15x1,5	HM	1,52	6	1,788	0,729	0,973	0,639	5,243	2,097	1,712
TRS 50x20x1,5	HM	1,63	6	1,938	1,409	1,409	0,853	6,125	2,450	1,778
TRS 50x20x2	HM	2,15	6	2,512	1,763	1,763	0,838	7,855	3,142	1,768
TRS 50x25x1,5	HM	1,76	6	2,088	2,340	1,872	1,059	7,007	2,803	1,832
TRS 50x25x2	HM	2,31	6	2,712	3,598	2,879	1,152	11,132	4,453	2,026
TRS 50x30x1,5	HM	1,88	6	2,238	3,541	2,361	1,258	7,890	3,156	1,878
TRS 50x30x2	HM	2,48	6	2,912	4,513	3,008	1,245	10,161	4,064	1,868
TRS 50x35x1,5	HM	2,00	6	2,388	5,030	2,875	1,451	8,772	3,509	1,917
TRS 50x35x2	HM	2,64	6	3,112	6,445	3,683	1,439	11,313	4,525	1,907
TRS 50x40x1,5	HM	2,13	6	2,538	7,580	3,790	1,728	10,788	4,315	2,062
TRS 50x40x2	HM	2,80	6	3,312	8,782	4,391	1,628	12,466	4,986	1,940
TRS 60x10x1,5	HM	1,63	6	1,938	0,337	0,674	0,417	7,197	2,399	1,927
TRS 60x15x1,5	HM	1,76	6	2,088	0,867	1,156	0,644	8,481	2,827	2,015
TRS 60x20x1,5	HM	1,88	6	2,238	1,666	1,666	0,863	9,764	3,255	2,089
TRS 60x20x2	HM	2,48	6	2,912	2,089	2,089	0,847	12,585	4,195	2,079
TRS 60x25x1,5	HM	2,00	6	2,460	2,754	2,203	1,058	11,047	3,682	2,119
TRS 60x25x2	HM	2,64	6	3,112	3,491	2,793	1,059	14,267	4,756	2,141
TRS 60x30x1,5	HM	2,13	6	2,538	4,151	2,767	1,279	12,332	4,111	2,204
TRS 60x30x2	HM	2,80	6	3,312	5,298	3,532	1,265	15,950	5,317	2,194
TRS 60x40x1,5	HM	2,37	6	2,838	7,940	3,970	1,673	14,899	4,966	2,291
TRS 60x40x2	HM	3,13	6	3,712	10,227	5,114	1,660	19,315	6,438	2,281
TRS 70x20x1,5	HM	2,13	6	2,538	1,924	1,924	0,871	14,559	4,160	2,395
TRS 70x20x2	HM	2,80	6	3,312	2,414	2,414	0,854	18,834	5,381	2,385
TRS 70x30x1,5	HM	2,37	6	2,838	4,760	3,174	1,295	18,078	5,165	2,524
TRS 70x30x2	HM	3,13	6	3,712	6,083	4,055	1,280	23,459	6,703	2,514
TRS 70x40x1,5	HM	2,64	6	3,138	9,804	4,902	1,768	23,722	6,778	2,749
TRS 70x40x2	HM	3,45	6	4,112	11,673	5,836	1,685	28,085	8,024	2,613
TRS 80x20x1,5	HM	2,37	6	2,838	2,402	2,402	0,920	23,393	5,848	2,871
TRS 80x20x2	HM	3,13	6	3,712	2,739	2,739	0,859	26,803	6,701	2,687
TRS 80x30x1,5	HM	2,64	6	2,988	5,818	3,878	1,396	28,015	7,004	3,062
TRS 80x30x2	HM	3,45	6	4,112	6,869	4,579	1,292	32,889	8,222	2,828
TRS 80x40x1,5	HM	2,87	6	3,438	10,916	5,458	1,782	32,637	8,159	3,081
TRS 80x40x2	HM	3,79	6	4,512	13,118	6,559	1,705	38,974	9,743	2,939
TRS 80x50x2	HM	4,11	6	4,912	21,687	8,675	2,101	45,059	11,265	3,029
TRS 80x60x2	HM	4,43	6							
TRS 90x40x2	HM	4,11	6	4,912	14,563	7,282	1,722	52,183	11,596	3,259
TRS 90x50x2	HM	4,43	6	5,312	23,993	9,597	2,125	59,929	13,370	3,359
TRS 100x30x2	HM	4,11	6	4,912	8,939	5,626	1,311	58,307	11,661	3,445
TRS 100x40x2	HM	4,43	6	5,312	16,009	8,004	1,736	67,913	13,583	3,576
TRS 100x50x2	HM	4,76	6	5,712	28,415	11,366	2,230	85,172	17,034	3,862
TRS 100x60x2	HM	5,09	6	6,112	42,458	14,153	2,636	94,777	18,955	3,938
TRS 120x40x2	HM	5,02	6							
TRS 120x60x2	HM	5,74	6							

Consultar para otras medidas

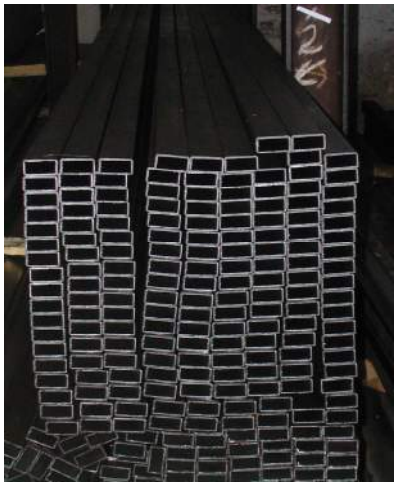
TUBO RECTANGULAR ESTRUCTURAL

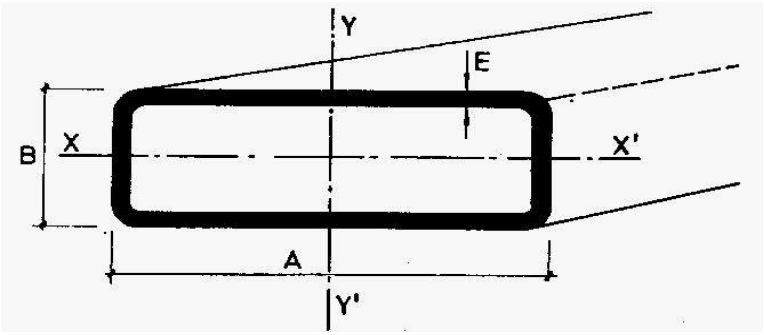




Nombre	UM	P.T.	m/Un	Términos de sección									
				A cm^2	S_x cm^3	I_x cm^4	W_x cm^3	i_x cm	S_y cm^3	I_y cm^4	W_y cm^3	i_y cm	I_t cm^4
TRE 50x30x3	HM	3,43	6	4,21		12,80	5,13	1,75		5,70	3,80	1,16	13,50
TRE 60x30x3	HM	3,92	6	4,75	3,74	19,90	6,66	2,05	2,61	6,65	4,43	1,18	17,00
TRE 60x40x3	HM	4,42	6	5,33	5,18	24,70	8,23	2,15	3,91	13,10	6,56	1,57	29,20
TRE 60x40x4	HM	5,67	6	6,81	6,42	29,70	9,91	2,09	4,84	15,70	7,86	1,52	36,10
TRE 60x40x5	HM	6,82	6	8,09	5,90	32,70	10,91	2,01	5,55	17,23	8,61	1,45	42,20
TRE 80x40x3	HM	5,40	6	6,53	8,15	51,00	12,80	2,79	5,02	17,20	8,62	1,62	43,80
TRE 80x40x4	HM	6,98	6	8,41	10,20	62,60	15,60	2,73	6,28	20,90	10,50	1,56	54,70
TRE 80x60x3	HM	6,38	6	7,73	10,50	68,80	17,20	2,98	8,60	44,20	14,70	2,39	88,50
TRE 80x60x4	HM	8,29	6	10,00	13,30	85,70	21,40	2,93	10,90	54,90	18,30	2,34	113,00
TRE 80x60x5	HM	10,09	6	12,10	15,80	99,80	25,00	2,87	12,90	63,70	21,20	2,29	134,00
TRE 80x60x6	HM	11,75	6	14,40		116,00	29,10	2,84		73,60	24,50	2,26	156,00
TRE 100x30x3	HM	5,89	6										
TRE 100x40x3	HM	6,38	6	7,81		92,30	18,50	3,44		21,70	10,80	1,67	59,00
TRE 100x40x4	HM	8,29	6	10,10		116,00	23,10	3,38		26,70	13,30	1,62	74,50
TRE 100x50x3	HM	6,86	6	8,33	13,10	105,00	20,90	3,54	8,13	35,60	14,20	2,07	88,60
TRE 100x50x4	HM	8,93	6	10,80	16,80	131,00	26,70	3,48	10,30	44,10	17,60	2,02	113,00
TRE 100x50x5	HM	10,92	6	13,10	20,00	153,00	30,60	3,41	12,20	51,10	20,40	1,97	134,00
TRE 100x50x6	HM	12,79	6	15,60		179,00	35,80	3,38		58,70	23,50	1,94	154,00
TRE 100x60x3	HM	7,35	6	9,01		121,00	24,10	3,66		54,60	18,20	2,46	122,00
TRE 100x60x4	HM	9,59	6	11,60	1637,00	149,00	29,80	3,58	13,10	67,40	22,50	2,41	156,00
TRE 100x60x5	HM	11,75	6	14,40		181,00	36,20	3,55		80,80	26,90	2,37	188,00
TRE 100x60x6	HM	13,73	6	16,50	25,15	196,80	39,36	3,45	17,71	87,99	29,33	2,31	208,91
TRE 100x80x3	HM	8,33	6	10,15	17,42	147,40	29,48	3,81	14,98	104,70	26,18	3,21	192,80
TRE 100x80x4	HM	10,92	6	13,20	22,60	186,00	37,20	3,75	19,40	132,00	33,00	3,16	254,00
TRE 100x80x5	HM	13,31	6	16,10	27,10	221,00	44,10	3,70	23,30	156,00	39,00	3,11	307,00
TRE 100x80x6	HM	15,70	6	18,90	31,30	251,00	50,10	3,64	26,90	177,00	44,30	3,06	355,00
TRE 120x40x3	HM	7,35	6										
TRE 120x60x3	HM	8,33	6	10,15	19,22	186,21	31,04	4,29	11,93	63,65	21,22	2,51	153,36
TRE 120x60x4	HM	10,92	6	13,20	24,90	236,00	39,30	4,22	15,40	80,00	26,70	2,46	201,00
TRE 120x60x5	HM	13,31	6	16,10	30,00	279,00	46,50	4,16	18,40	94,00	31,40	2,41	241,00
TRE 120x60x6	HM	15,70	6	18,90	34,60	317,00	52,80	4,09	21,20	106,00	35,30	2,37	277,00
TRE 120x80x3	HM	9,32	6	11,30	22,73	227,29	37,88	4,48	17,27	122,12	30,53	3,28	251,02
TRE 120x80x4	HM	12,17	6	14,80	29,60	290,00	48,30	4,42	22,40	155,00	38,80	3,24	332,00
TRE 120x80x5	HM	14,98	6	18,10	35,70	345,00	57,60	4,36	27,00	184,00	46,10	3,19	402,00
TRE 120x80x6	HM	17,68	6	21,30	41,40	395,00	65,80	4,30	31,30	210,00	52,50	3,14	467,00
TRE 120x100x5	HM	16,64	6										

TUBO RECTANGULAR SOLDADO





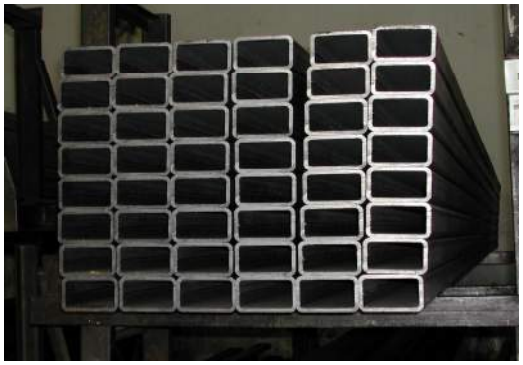
Nombre	UM	P.T.	m/Un	Sección A cm^2	$I_{xx'}$ cm^4	W_{xx} cm^3	ix cm	$I_{yy'}$ cm^4	$W_{yy'}$ cm^3	iy cm
TRS 16x10x1	HM	0,38	6							
TRS 20x10x1	HM	0,46	6	0,528	0,090	0,180	0,413	0,278	0,278	0,725
TRS 20x10x1,5	HM	0,66	6	0,738	0,193	0,385	0,511	0,686	0,686	0,964
TRS 20x15x1,5	HM	0,78	6	0,960	0,317	0,423	0,575	0,508	0,508	0,727
TRS 25x10x1,5	HM	0,78	6	0,960	0,114	0,228	0,345	0,592	0,473	0,785
TRS 25x15x1	HM	0,62	6	0,728	0,282	0,376	0,622	0,635	0,508	0,934
TRS 25x15x1,5	HM	0,90	6	1,110	0,386	0,515	0,590	0,888	0,711	0,895
TRS 30x10x1	HM	0,62	6	0,728	0,131	0,261	0,423	0,787	0,524	1,039
TRS 30x10x1,5	HM	0,90	6	1,038	0,173	0,346	0,408	1,102	0,735	1,030
TRS 30x15x1,5	HM	1,02	6	1,188	0,455	0,607	0,619	1,407	0,938	1,088
TRS 30x20x1	HM	0,78	6	0,928	0,639	0,639	0,830	1,207	0,805	1,141
TRS 30x20x1,5	HM	1,14	6	1,338	0,895	0,895	0,818	1,712	1,141	1,131
TRS 30x20x2	HM	1,50	6	1,712	1,113	1,113	0,806	2,157	1,438	1,122
TRS 30x25x1,5	HM	1,27	6	1,488	1,510	1,208	1,008	2,016	1,344	1,164
TRS 35x10x1,5	HM	1,02	6	1,188	0,200	0,400	0,411	1,661	0,949	1,183
TRS 35x15x1,5	HM	1,14	6	1,338	0,524	0,698	0,626	2,083	1,190	1,248
TRS 35x20x1,5	HM	1,27	6	1,488	1,023	1,023	0,829	2,504	1,431	1,297
TRS 35x25x1,5	HM	1,39	6	1,638	2,045	1,636	1,110	3,517	2,010	1,465
TRS 40x15x1	HM	0,87	6	1,060	0,429	0,572	0,636	2,055	1,027	1,392
TRS 40x15x1,5	HM	1,27	6	1,488	0,592	0,790	0,631	2,935	1,467	1,404
TRS 40x20x1	HM	0,95	6	1,128	0,820	0,820	0,853	2,436	1,218	1,470
TRS 40x20x1,5	HM	1,39	6	1,638	1,152	1,152	0,839	3,491	1,745	1,460
TRS 40x20x2	HM	1,82	6	2,112	1,438	1,438	0,825	4,446	2,223	1,451
TRS 40x25x1	HM	1,03	6	2,816	1,355	1,084	1,048	1,408	1,408	1,511
TRS 40x25x1,5	HM	1,52	6	1,788	1,925	1,540	1,038	4,047	2,023	1,504
TRS 40x30x1	HM	1,10	6							
TRS 40x30x1,5	HM	1,63	6	1,938	2,931	1,954	1,230	4,603	2,302	1,541
TRS 40x30x2	HM	2,15	6	2,512	3,727	2,485	1,218	5,891	2,946	1,531
TRS 40x35x1,5	HM	1,76	6	2,088	4,188	2,393	1,416	5,159	2,580	1,572
TRS 45x15x1,5	HM	1,39	6	1,638	0,661	0,881	0,635	3,982	1,770	1,559
TRS 45x20x1,5	HM	1,52	6	1,788	1,280	1,280	0,846	4,692	2,085	1,620
TRS 45x25x1,5	HM	1,63	6	1,938	2,459	1,967	1,126	6,335	2,816	1,808
TRS 45x30x1,5	HM	1,76	6	2,088	3,236	2,157	1,245	6,111	2,716	1,711
TRS 45x35x1,5	HM	1,88	6	2,238	4,609	2,634	1,435	6,821	3,032	1,746

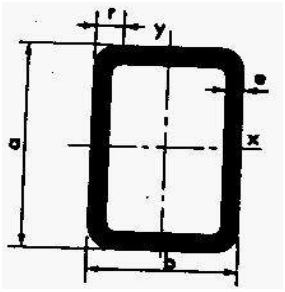
TUBO RECTANGULAR SOLDADO (continuación)

Nombre	UM	P.T.	m/Un	Sección A cm^2	$I_{xx'}$ cm^4	W_{xx} cm^3	ix cm	$I_{yy'}$ cm^4	$W_{yy'}$ cm^3	iy cm
TRS 50x10x1	HM	0,95	6							
TRS 50x10x1,5	HM	1,39	6	1,638	0,355	0,710	0,465	5,494	2,197	1,832
TRS 50x15x1,5	HM	1,52	6	1,788	0,729	0,973	0,639	5,243	2,097	1,712
TRS 50x20x1,5	HM	1,63	6	1,938	1,409	1,409	0,853	6,125	2,450	1,778
TRS 50x20x2	HM	2,15	6	2,512	1,763	1,763	0,838	7,855	3,142	1,768
TRS 50x25x1,5	HM	1,76	6	2,088	2,340	1,872	1,059	7,007	2,803	1,832
TRS 50x25x2	HM	2,31	6	2,712	3,598	2,879	1,152	11,132	4,453	2,026
TRS 50x30x1,5	HM	1,88	6	2,238	3,541	2,361	1,258	7,890	3,156	1,878
TRS 50x30x2	HM	2,48	6	2,912	4,513	3,008	1,245	10,161	4,064	1,868
TRS 50x35x1,5	HM	2,00	6	2,388	5,030	2,875	1,451	8,772	3,509	1,917
TRS 50x35x2	HM	2,64	6	3,112	6,445	3,683	1,439	11,313	4,525	1,907
TRS 50x40x1,5	HM	2,13	6	2,538	7,580	3,790	1,728	10,788	4,315	2,062
TRS 50x40x2	HM	2,80	6	3,312	8,782	4,391	1,628	12,466	4,986	1,940
TRS 60x10x1,5	HM	1,63	6	1,938	0,337	0,674	0,417	7,197	2,399	1,927
TRS 60x15x1,5	HM	1,76	6	2,088	0,867	1,156	0,644	8,481	2,827	2,015
TRS 60x20x1,5	HM	1,88	6	2,238	1,666	1,666	0,863	9,764	3,255	2,089
TRS 60x20x2	HM	2,48	6	2,912	2,089	2,089	0,847	12,585	4,195	2,079
TRS 60x25x1,5	HM	2,00	6	2,460	2,754	2,203	1,058	11,047	3,682	2,119
TRS 60x25x2	HM	2,64	6	3,112	3,491	2,793	1,059	14,267	4,756	2,141
TRS 60x30x1,5	HM	2,13	6	2,538	4,151	2,767	1,279	12,332	4,111	2,204
TRS 60x30x2	HM	2,80	6	3,312	5,298	3,532	1,265	15,950	5,317	2,194
TRS 60x40x1,5	HM	2,37	6	2,838	7,940	3,970	1,673	14,899	4,966	2,291
TRS 60x40x2	HM	3,13	6	3,712	10,227	5,114	1,660	19,315	6,438	2,281
TRS 70x20x1,5	HM	2,13	6	2,538	1,924	1,924	0,871	14,559	4,160	2,395
TRS 70x20x2	HM	2,80	6	3,312	2,414	2,414	0,854	18,834	5,381	2,385
TRS 70x30x1,5	HM	2,37	6	2,838	4,760	3,174	1,295	18,078	5,165	2,524
TRS 70x30x2	HM	3,13	6	3,712	6,083	4,055	1,280	23,459	6,703	2,514
TRS 70x40x1,5	HM	2,64	6	3,138	9,804	4,902	1,768	23,722	6,778	2,749
TRS 70x40x2	HM	3,45	6	4,112	11,673	5,836	1,685	28,085	8,024	2,613
TRS 80x20x1,5	HM	2,37	6	2,838	2,402	2,402	0,920	23,393	5,848	2,871
TRS 80x20x2	HM	3,13	6	3,712	2,739	2,739	0,859	26,803	6,701	2,687
TRS 80x30x1,5	HM	2,64	6	2,988	5,818	3,878	1,396	28,015	7,004	3,062
TRS 80x30x2	HM	3,45	6	4,112	6,869	4,579	1,292	32,889	8,222	2,828
TRS 80x40x1,5	HM	2,87	6	3,438	10,916	5,458	1,782	32,637	8,159	3,081
TRS 80x40x2	HM	3,79	6	4,512	13,118	6,559	1,705	38,974	9,743	2,939
TRS 80x50x2	HM	4,11	6	4,912	21,687	8,675	2,101	45,059	11,265	3,029
TRS 80x60x2	HM	4,43	6							
TRS 90x40x2	HM	4,11	6	4,912	14,563	7,282	1,722	52,183	11,596	3,259
TRS 90x50x2	HM	4,43	6	5,312	23,993	9,597	2,125	59,929	13,370	3,359
TRS 100x30x2	HM	4,11	6	4,912	8,939	5,626	1,311	58,307	11,661	3,445
TRS 100x40x2	HM	4,43	6	5,312	16,009	8,004	1,736	67,913	13,583	3,576
TRS 100x50x2	HM	4,76	6	5,712	28,415	11,366	2,230	85,172	17,034	3,862
TRS 100x60x2	HM	5,09	6	6,112	42,458	14,153	2,636	94,777	18,955	3,938
TRS 120x40x2	HM	5,02	6							
TRS 120x60x2	HM	5,74	6							

Consultar para otras medidas

TUBO RECTANGULAR ESTRUCTURAL

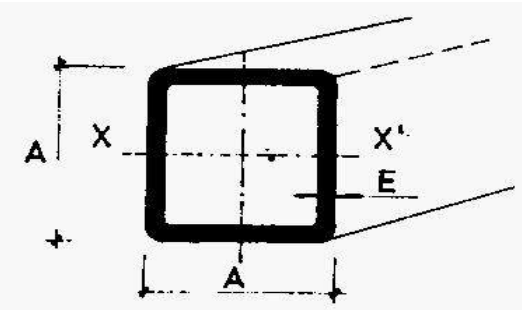




Nombre	UM	P.T.	m/Un	Términos de sección									
				A cm^2	S_x cm^3	I_x cm^4	W_x cm^3	i_x cm	S_y cm^3	I_y cm^4	W_y cm^3	i_y cm	I_t cm^4
TRE 50x30x3	HM	3,43	6	4,21		12,80	5,13	1,75		5,70	3,80	1,16	13,50
TRE 60x30x3	HM	3,92	6	4,75	3,74	19,90	6,66	2,05	2,61	6,65	4,43	1,18	17,00
TRE 60x40x3	HM	4,42	6	5,33	5,18	24,70	8,23	2,15	3,91	13,10	6,56	1,57	29,20
TRE 60x40x4	HM	5,67	6	6,81	6,42	29,70	9,91	2,09	4,84	15,70	7,86	1,52	36,10
TRE 60x40x5	HM	6,82	6	8,09	5,90	32,70	10,91	2,01	5,55	17,23	8,61	1,45	42,20
TRE 80x40x3	HM	5,40	6	6,53	8,15	51,00	12,80	2,79	5,02	17,20	8,62	1,62	43,80
TRE 80x40x4	HM	6,98	6	8,41	10,20	62,60	15,60	2,73	6,28	20,90	10,50	1,56	54,70
TRE 80x60x3	HM	6,38	6	7,73	10,50	68,80	17,20	2,98	8,60	44,20	14,70	2,39	88,50
TRE 80x60x4	HM	8,29	6	10,00	13,30	85,70	21,40	2,93	10,90	54,90	18,30	2,34	113,00
TRE 80x60x5	HM	10,09	6	12,10	15,80	99,80	25,00	2,87	12,90	63,70	21,20	2,29	134,00
TRE 80x60x6	HM	11,75	6	14,40		116,00	29,10	2,84		73,60	24,50	2,26	156,00
TRE 100x30x3	HM	5,89	6										
TRE 100x40x3	HM	6,38	6	7,81		92,30	18,50	3,44		21,70	10,80	1,67	59,00
TRE 100x40x4	HM	8,29	6	10,10		116,00	23,10	3,38		26,70	13,30	1,62	74,50
TRE 100x50x3	HM	6,86	6	8,33	13,10	105,00	20,90	3,54	8,13	35,60	14,20	2,07	88,60
TRE 100x50x4	HM	8,93	6	10,80	16,80	131,00	26,70	3,48	10,30	44,10	17,60	2,02	113,00
TRE 100x50x5	HM	10,92	6	13,10	20,00	153,00	30,60	3,41	12,20	51,10	20,40	1,97	134,00
TRE 100x50x6	HM	12,79	6	15,60		179,00	35,80	3,38		58,70	23,50	1,94	154,00
TRE 100x60x3	HM	7,35	6	9,01		121,00	24,10	3,66		54,60	18,20	2,46	122,00
TRE 100x60x4	HM	9,59	6	11,60	1637,00	149,00	29,80	3,58	13,10	67,40	22,50	2,41	156,00
TRE 100x60x5	HM	11,75	6	14,40		181,00	36,20	3,55		80,80	26,90	2,37	188,00
TRE 100x60x6	HM	13,73	6	16,50	25,15	196,80	39,36	3,45	17,71	87,99	29,33	2,31	208,91
TRE 100x80x3	HM	8,33	6	10,15	17,42	147,40	29,48	3,81	14,98	104,70	26,18	3,21	192,80
TRE 100x80x4	HM	10,92	6	13,20	22,60	186,00	37,20	3,75	19,40	132,00	33,00	3,16	254,00
TRE 100x80x5	HM	13,31	6	16,10	27,10	221,00	44,10	3,70	23,30	156,00	39,00	3,11	307,00
TRE 100x80x6	HM	15,70	6	18,90	31,30	251,00	50,10	3,64	26,90	177,00	44,30	3,06	355,00
TRE 120x40x3	HM	7,35	6										
TRE 120x60x3	HM	8,33	6	10,15	19,22	186,21	31,04	4,29	11,93	63,65	21,22	2,51	153,36
TRE 120x60x4	HM	10,92	6	13,20	24,90	236,00	39,30	4,22	15,40	80,00	26,70	2,46	201,00
TRE 120x60x5	HM	13,31	6	16,10	30,00	279,00	46,50	4,16	18,40	94,00	31,40	2,41	241,00
TRE 120x60x6	HM	15,70	6	18,90	34,60	317,00	52,80	4,09	21,20	106,00	35,30	2,37	277,00
TRE 120x80x3	HM	9,32	6	11,30	22,73	227,29	37,88	4,48	17,27	122,12	30,53	3,28	251,02
TRE 120x80x4	HM	12,17	6	14,80	29,60	290,00	48,30	4,42	22,40	155,00	38,80	3,24	332,00
TRE 120x80x5	HM	14,98	6	18,10	35,70	345,00	57,60	4,36	27,00	184,00	46,10	3,19	402,00
TRE 120x80x6	HM	17,68	6	21,30	41,40	395,00	65,80	4,30	31,30	210,00	52,50	3,14	467,00
TRE 120x100x5	HM	16,64	6										

TUBO CUADRADO SOLDADO

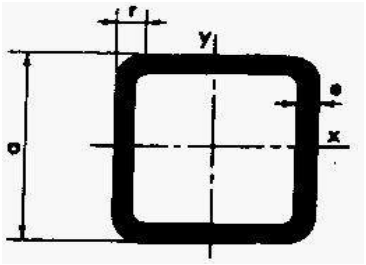




Nombre	UM	P.T.	m/Un	Sección cm^2	I_{xx} cm^4	Z_{xx} cm^3	I cm
TCS 10x10x1	HM	0,32	6	0,341	0,049	0,098	0,379
TCS 12x12x1	HM	0,38	6	0,416	0,089	0,148	0,463
TCS 12x12x1,5	HM	0,56	6	0,660	0,136	0,217	0,454
TCS 14x14x1	HM	0,44	6	0,492	0,147	0,210	0,548
TCS 14x14x1,5	HM	0,63	6	0,678	0,198	0,283	0,541
TCS 16x16x1,5	HM	0,71	6	0,798	0,308	0,385	0,621
TCS 18x18x1,5	HM	0,80	6	0,918	0,453	0,503	0,702
TCS 20x20x1	HM	0,62	6	0,719	0,459	0,459	0,791
TCS 20x20x1,5	HM	0,90	6	1,038	0,637	0,637	0,784
TCS 20x20x2	HM	1,16	6	0,312	0,787	0,787	0,775
TCS 22x22x1,5	HM	1,00	6	1,158	0,866	0,787	0,865
TCS 25x25x1	HM	0,78	6	0,928	0,923	0,739	0,997
TCS 25x25x1,5	HM	1,14	6	1,338	1,303	1,042	0,987
TCS 25x25x2	HM	1,50	6	1,712	1,635	1,308	0,977
TCS 30x30x1	HM	0,95	6	1,128	1,628	1,085	1,201
TCS 30x30x1,5	HM	1,39	6	1,638	2,321	1,548	1,190
TCS 30x30x2	HM	1,82	6	2,112	2,942	1,961	1,180
TCS 35x35x1,5	HM	1,63	6	1,938	3,767	2,153	1,394
TCS 35x35x2	HM	2,15	6	2,512	4,809	2,748	1,384
TCS 40x40x1,5	HM	1,88	6	2,238	5,715	2,858	1,598
TCS 40x40x2	HM	2,48	6	2,912	7,337	3,668	1,587
TCS 45x45x1,5	HM	2,13	6	2,538	8,241	3,663	1,802
TCS 45x45x2	HM	2,80	6	3,312	10,624	4,722	1,791
TCS 50x50x1,5	HM	2,37	6	2,838	11,419	4,568	2,006
TCS 50x50x2	HM	3,13	6	3,712	14,771	5,908	1,995
TCS 60x60x1,5	HM	2,87	6	3,438	20,248	6,749	2,430
TCS 60x60x2	HM	3,79	6	4,512	26,046	8,682	2,403
TCS 70x70x2	HM	4,43	6	5,312	41,961	11,989	2,811
TCS 80x80x2	HM	5,10	6	6,236	63,315	15,829	3,186
TCS 100x100x2	HM	6,31	6	7,850	125,545	25,109	3,999

TUBO CUADRADO ESTRUCTURAL





Nombre	UM	P.T.	m/Un	Términos de sección					
				A cm^2	S cm^3	I cm^4	W cm^3	i cm	I_t cm^4
TCE 40x40x3	HM	3,43	6	4,13	2,60	9,01	4,51	1,48	15,60
TCE 40x40x4	HM	4,37	6	5,21	3,40	10,30	5,26	1,42	18,90
TCE 50x50x3	HM	4,42	6	5,33	4,62	19,00	7,59	1,89	32,00
TCE 50x50x4	HM	5,67	6	6,81	5,73	22,90	9,15	1,83	39,90
TCE 50x50x5	HM	6,82	6	8,14	6,50	25,49	10,20	1,77	45,56
TCE 60x60x3	HM	5,40	6	6,53	6,89	34,40	11,50	2,30	57,10
TCE 60x60x4	HM	6,98	6	8,41	8,66	42,30	14,10	2,24	72,20
TCE 60x60x5	HM	8,46	6	10,10	10,20	48,50	16,20	2,19	95,20
TCE 70x70x3	HM	6,38	6	7,73	9,60	56,60	16,20	2,71	92,60
TCE 70x70x4	HM	8,29	6	10,00	12,20	70,40	20,10	2,65	118,00
TCE 70x70x5	HM	10,09	6	12,10	14,50	82,00	23,40	2,60	141,00
TCE 70x70x6	HM	11,75	6	14,12	16,32	90,86	25,96	2,53	153,00
TCE 80x80x3	HM	7,35	6	8,93	12,80	86,60	21,70	3,11	140,00
TCE 80x80x4	HM	9,59	6	11,60	16,30	108,80	27,20	3,06	180,00
TCE 80x80x5	HM	11,75	6	14,10	19,50	128,00	32,00	3,01	217,00
TCE 80x80x6	HM	13,73	6	16,50	22,40	144,00	36,00	2,95	250,00
TCE 80x80x8	HM	17,06	6						
TCE 90x90x3	HM	8,33	6	10,10	16,40	126,00	37,90	3,52	202,00
TCE 90x90x4	HM	10,92	6	13,20	21,10	159,00	35,40	3,47	261,00
TCE 90x90x5	HM	13,31	6	16,10	25,30	189,00	41,90	3,42	316,00
TCE 90x90x6	HM	15,70	6	18,90	29,20	214,00	47,60	3,36	366,00
TCE 100x100x3	HM	9,32	6	11,30	20,10	175,00	35,00	3,93	279,00
TCE 100x100x4	HM	12,17	6	14,00	26,40	223,00	44,60	3,88	363,00
TCE 100x100x5	HM	14,98	6	18,10	31,90	266,00	53,10	3,83	440,00
TCE 100x100x6	HM	17,68	6	21,30	37,00	304,00	60,70	3,77	513,00
TCE 110x110x4	HM	13,52	6						
TCE 120x120x4	HM	14,77	6	18,56	38,53	416,73	69,45	4,74	624,36
TCE 140x140x10	HM	39,62	6						
TCE 150x150x4	HM	18,72	6						
TCE 150x150x5	HM	23,19	6						
TCE 150x150x6	HM	27,46	6						
TCE 180x180x10	HM	57,73	6						
TCE 200x200x10	HM	59,28	6						
TCE 300x300x10	HM	94,72	6						

Consultar para otras medidas