Circular Tubes



Diâm. Ext. *Out. Diameter* D (mm)	Espessura *Thickness* T (mm)	Massa Linear *Linear Mass* (kg/m)	Tubos/Atado *Bundle's Unities*	Peso/Atado *Bundle's Weight* (kg)	Secção *Section* (cm^2)	I (cm^4)	W (cm^3)	i (cm)
10	1,50	0,353	469	993	0,400	0,0372	0,074	0,305
12	1,50	0,447	547	1467	0,494	0,0695	0,115	0,374
13	1,50	0,471	547	1546	0,542	0,0911	0,140	0,410
14	1,50	0,495	469	1393	0,589	0,1166	0,167	0,445
16	1,50	0,565	469	1590	0,683	0,1815	0,227	0,515
18	1,50	0,648	397	1544	0,777	0,2667	0,296	0,586
19	1,50	0,683	331	1356	0,824	0,3180	0,335	0,621
20	1,50	0,718	331	1426	0,871	0,3754	0,375	0,656
22	1,50	0,810	331	1591	0,966	0,5102	0,464	0,727
25	1,50	0,918	271	1493	1,107	0,7672	0,614	0,833
28	1,50	1,060	271	1724	1,248	1,0997	0,786	0,938

Diâm. Ext. ***Out. Diameter*** **D (mm)**	**Espessura** ***Thickness*** **T (mm)**	**Massa Linear** ***Linear Mass*** **(kg/m)**	**Tubos/Atado** ***Bundle's Unities***	**Peso/Atado** ***Bundle's Weight*** **(kg)**	**Secção** ***Section*** **(cm²)**	**I (cm⁴)**	**W (cm³)**	**i (cm)**
30	1,50	1,095	217	1426	1,342	1,3674	0,912	1,009
32	1,50	1,154	217	1503	1,437	1,6753	1,047	1,080
33	1,50	1,213	217	1579	1,483	1,8443	1,118	1,115
34	1,50	1,220	217	1588	1,530	2,0253	1,191	1,150
35	1,50	1,272	169	1290	1,578	2,2190	1,268	1,186
38	1,50	1,413	127	1076	1,719	2,8692	1,510	1,292
40	1,50	1,472	127	1122	1,813	3,3666	1,683	1,362
41	1,50	1,507	127	1148	1,861	3,6355	1,773	1,398
42	1,50	1,519	127	1157	1,908	3,9164	1,865	1,433
45	1,50	1,649	91	900	2,049	4,8544	2,158	1,539
48	1,50	1,743	91	952	2,190	5,9257	2,469	1,645
50	1,50	1,884	91	1029	2,284	6,7265	2,691	1,716
55	1,50	2,025	61	741	2,521	9,0272	3,283	1,892
57	1,50	2,120	61	776	2,615	10,0774	3,536	1,963
60	1,50	2,214	61	810	2,755	11,8006	3,934	2,069
65	1,50	2,379	37	528	2,991	15,0832	4,641	2,246
70	1,50	2,567	37	570	3,226	18,9326	5,409	2,423
75	1,50	2,802	37	622	3,462	23,3865	6,236	2,600
80	1,50	2,944	37	654	3,697	28,5048	7,126	2,776