Tubes Rectangulaires

Dimensões *Dimensions*		Espessura *Thickness*	Massa Linear *Linear Mass*	Tubos/Atado *Bundle's Unities*	Peso/Atado *Bundle's Weight*	Secção *Section*	I_{xx}	W_{xx}	i_{xx}	l_{yy}	w_{yy}	i_{yy}
H	B	T (mm)	(kg/m)		(kg)	(cm^2)	(cm^4)	(cm^3)	(cm)	(cm^4)	(cm^3)	(cm)
15	10	1,50	0,565	352	1193	0,660	0,180	0,240	0,522	0,090	0,181	0,370
20	10	1,50	0,683	300	1229	0,738	0,380	0,380	0,718	0,118	0,235	0,400
20	15	1,50	0,801	234	1125	0,960	0,508	0,508	0,727	0,317	0,423	0,575
25	10	1,50	0,801	250	1202	0,960	0,592	0,473	0,785	0,114	0,228	0,345
25	15	1,50	0,942	209	1181	1,110	0,888	0,711	0,895	0,386	0,515	0,590
30	10	1,50	0,942	225	1272	1,038	1,102	0,735	1,030	0,173	0,346	0,408
30	15	1,50	1,060	200	1272	1,260	1,408	0,937	1,056	0,454	0,606	0,600
30	20	1,50	1,178	180	1272	1,338	1,712	1,141	1,131	0,895	0,895	0,818
30	25	1,50	1,272	168	1282	1,448	2,016	1,344	1,164	1,510	1,208	1,008
32	13	1,50	1,060	200	1272	1,260	1,517	0,948	1,097	0,344	0,530	0,523
35	10	1,50	1,060	203	1291	1,188	1,661	0,949	1,183	0,200	0,400	0,411
35	15	1,50	1,178	207	1463	1,338	2,083	1,190	1,248	0,524	0,698	0,626
35	20	1,50	1,272	160	1221	1,488	2,504	1,431	1,297	1,023	1,023	0,829
35	25	1,50	1,413	168	1424	1,638	3,517	2,010	1,465	2,045	1,636	1,110
40	10	1,50	1,178	196	1385	1,388	2,379	1,189	1,333	0,228	0,455	0,412
40	15	1,50	1,272	176	1343	1,488	2,935	1,467	1,404	0,592	0,790	0,631
40	20	1,50	1,413	162	1373	1,638	3,491	1,475	1,460	1,152	1,152	0,839

Dimensões *Dimensions*		**Espessura** *Thickness*	**Massa Linear** *Linear Mass*	**Tubos/Atado** *Bundle's Unities*	**Peso/Atado** *Bundle's Weight*	**Secção** *Section*	I_{xx}	W_{xx}	i_{xx}	l_{yy}	w_{yy}	i_{yy}
H	**B**	**T (mm)**	**(kg/m)**		**(kg)**	**(cm²)**	**(cm⁴)**	**(cm³)**	**(cm)**	**(cm⁴)**	**(cm³)**	**(cm)**
40	25	1,50	1,507	135	1221	1,788	4,047	2,023	1,504	1,925	1,540	1,038
40	30	1,50	1,649	130	1286	1,938	4,603	2,302	1,541	2,931	1,954	1,230
45	20	1,50	1,507	144	1302	1,788	4,692	2,985	1,620	1,280	1,280	1,846
45	25	1,50	1,649	144	1425	1,938	6,335	2,816	1,808	2,459	1,967	1,126
50	10	1,50	1,413	144	1220	1,638	5,494	2,197	1,837	0,355	0,710	0,465
50	14	1,50	1,507	132	1194	1,830	5,066	2,026	1,664	0,622	0,889	0,583
50	20	1,50	1,649	126	1247	1,938	6,125	2,450	1,778	1,409	1,409	1,409
50	25	1,50	1,743	128	1339	2,088	7,007	2,803	1,832	2,340	1,872	1,059
50	30	1,50	1,884	120	1356	2,238	7,890	3,156	1,878	3,541	2,361	1,258
50	35	1,50	1,978	108	1282	2,388	8,772	3,509	1,917	5,030	2,875	1,451
50	40	1,50	2,120	99	1259	2,538	10,788	4,315	2,062	7,580	3,790	1,728
55	25	1,50	1,884	98	1108	2,310	8,883	3,230	1,961	2,547	2,038	1,050
55	35	1,50	2,120	96	1247	2,610	11,031	4,011	2,056	5,452	3,115	1,445
60	10	1,50	1,649	100	950	1,938	7,197	2,399	1,927	6,337	0,674	0,417
60	15	1,50	1,743	100	1004	2,088	8,481	2,827	2,015	6,867	1,156	0,644
60	20	1,50	1,884	108	1085	2,238	3,255	3,255	2,089	1,666	0,863	0,764
60	25	1,50	1,978	105	1163	2,460	11,047	3,682	2,119	2,754	2,203	1,058
60	30	1,50	2,120	98	1221	2,538	12,232	4,111	2,204	4,151	2,767	1,279
60	40	1,50	2,331	88	1231	2,838	14,899	4,966	2,291	7,940	3,970	1,673
70	20	1,50	2,120	95	1208	2,538	14,554	4,160	2,395	1,924	1,924	0,871
70	30	1,50	2,331	84	1174	2,838	18,078	5,165	2,524	4,760	3,174	1,295
70	40	1,50	2,567	72	1186	3,138	23,772	6,778	2,749	9,804	4,902	1,768
80	20	1,50	2,331	68	951	2,838	23,393	5,848	2,871	2,402	2,402	1,782
80	30	1,50	2,567	70	1078	2,988	28,015	7,004	3,062	5,818	3,878	1,396
80	40	1,50	2,802	72	1211	3,438	32,637	8,159	3,081	10,916	5,458	1,782