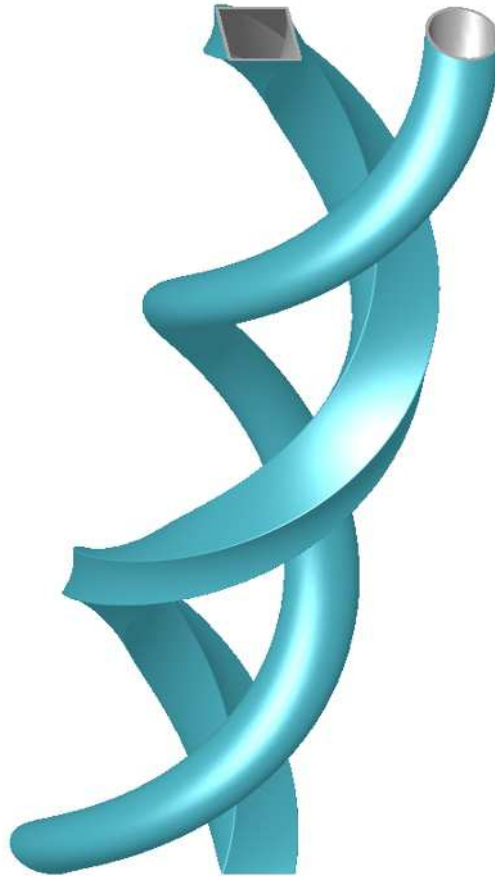
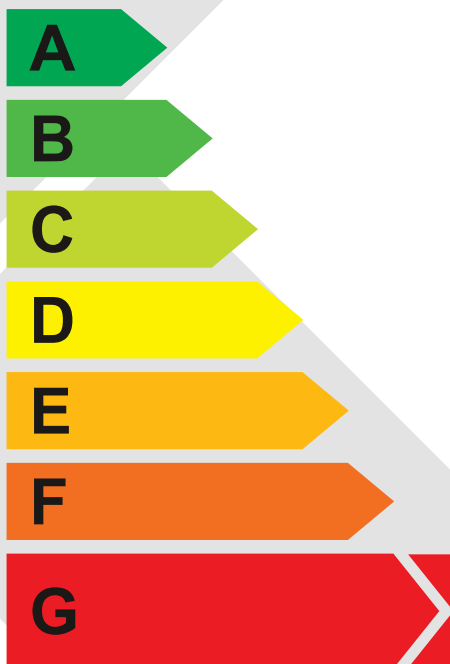


alesil
ALUMÍNIOS



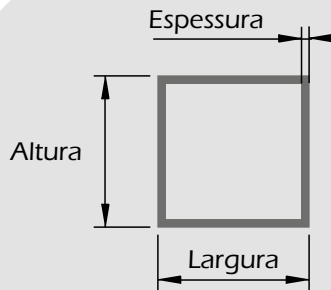
SÉRIE STANDARD





- Tubos quadrados;
- Tubos rectangulares;
- Tubos redondos;
- Barras;
- Cantoneiras.

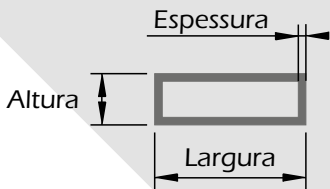
STANDARD



Referência	Largura Altura	Espessura	I _{xg} (cm ⁴)	I _{yg} (cm ⁴)
Q-18	20	2	0,7872	0,7872
Q-22	25	2	1,6345	1,6345
Q-24	30	1,5	2,3213	2,3213
Q-04-A	30	2	2,9418	2,9418
Q-06	40	1,6	6,0502	6,0502
Q-07	50	1,7	11,6174	11,6174
Q-17	60	1,5	20,0333	20,0333
Q-09	65	2	33,3732	33,3732
Q-34	75	1,5	39,7230	39,7230
Q-21	80	2	63,3152	63,3152
Q-23	100	2	125,5445	125,5445

TUBOS QUADRADOS

Referência	Largura	Altura	Espessura	I _{xg} (cm ⁴)	I _{yg} (cm ⁴)
P-02	30	15	1,5	0,4549	1,4067
P-03	40	20	1,5	1,1518	3,4908
P-08	50	25	2	2,9603	9,0078
P-18	60	15	1,5	0,8667	8,4807
P-35	60	20	1,5	1,6663	9,7643
P-6030	60	30	2	5,2978	15,9498
P-40	65	30	1,5	4,4554	15,0324
P-43	75	40	1,5	9,6082	25,5402
P-38	80	20	1,5	2,1808	20,6578
P-39	80	40	1,5	10,1643	29,9023
P-39-A	80	40	2	16,0085	67,9125
P-28	100	40	1,7	13,8658	58,3975
P-15	100	45	2	20,8007	72,7152
P-41	120	40	2	18,8992	107,7312
P-17	150	25	2	8,2637	158,5012

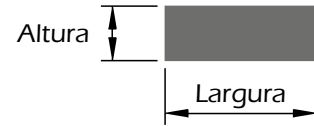


TUBOS RECTANGULARES

STANDARD

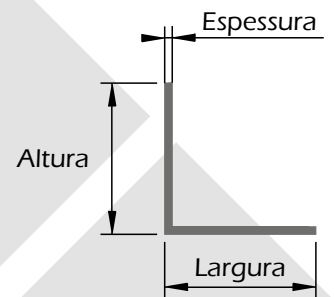
BARRAS RECTANGULARES

Referência	Largura	Altura	I_x (cm ⁴)	I_y (cm ⁴)
B-04-A	20	2	0,0013	0,1333
B-04	20	3	0,0045	0,2000
B-05	20	4	0,0106	0,2666
B-14	20	5	0,0208	0,3333
B-12	36	3	0,0081	1,1664
B-10	40	4	0,0213	2,1333
B-33	40	8	0,1706	4,2666



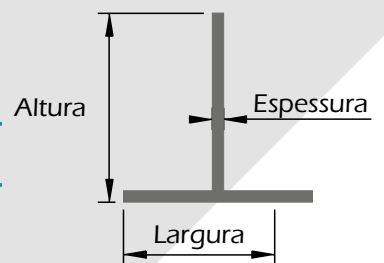
CANTONEIRAS

Referência	Largura	Altura	Espessura	I_x (cm ⁴)	I_y (cm ⁴)
L-47	12	12	1,5	0,0450	0,045
L-13	15	15	1,5	0,0911	0,0911
L-15	20	20	1,5	0,2238	0,2238
L-26	25	25	1,5	0,4468	0,4468
L-30	15	30	1,5	0,6214	0,1101
L-27-A	30	30	2	1,0195	1,0195
N.30222	17	52	1,8	3,4436	0,2081
L-36-A	40	40	3	3,5818	3,5818
L-20	50	50	3	7,1493	7,1493
L-22	40	40	1,5	1,8915	1,8915
L-45	60	60	6	23,3285	23,3285

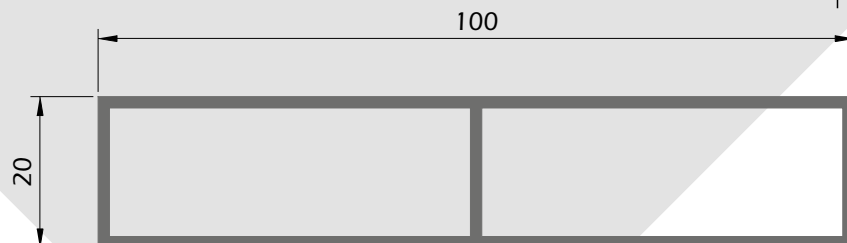


BARRAS TÊ

Referência	Largura	Altura	Espessura	I_x (cm ⁴)	I_y (cm ⁴)
T-03	25	25	1,5	0,4468	0,1959



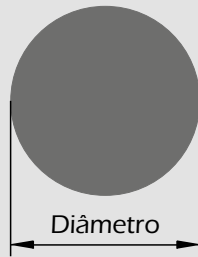
P-14
Tubo Reforçado



Referência	Largura	Altura	Espessura	I_x (cm ⁴)	I_y (cm ⁴)
P-14	100	20	1,5	2,7567	37,3929

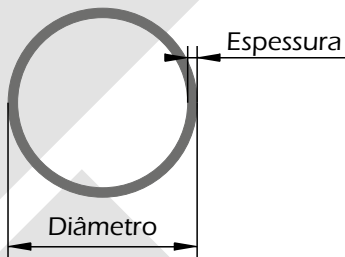
STANDARD

VARÕES REDONDOS



Referência	Diâmetro	$I_{xg} \text{ (cm}^4\text{)}$	$I_{yg} \text{ (cm}^4\text{)}$
G-01	8	0,0201	0,0201
G-03	6	0,0063	0,0063

TUBOS REDONDOS



Referência	Diâmetro	Espessura	$I_{xg} \text{ (cm}^4\text{)}$	$I_{yg} \text{ (cm}^4\text{)}$
R-03	16	1,5	0,1815	0,1815
R-04	19	1,5	0,3180	0,3180
R-16	20	1,5	0,3754	0,3754
R-17	25	1,5	0,7675	0,7675
R-41	25	2	0,9628	0,9628
R-08	30	2	1,7329	1,7329
R-09	40	2	4,3215	4,3215
R-44	45	2	6,2579	6,2579
R-10-A	50	2	8,7009	8,7009

Todos os dados fornecidos são determinados relativamente ao centro de gravidade do perfil e conforme posição apresentada, em relação aos eixos indicados

