BELMAN
COMÉRCIO DE AÇOS

Tubos de Aço Carbono - Industriais /Estruturais

pol.	mm	Dimensão Externa					Espessura (mm) - Peso KG /6.000 mm																								
		Redondo	Quadrado	Oblongo	Semi-Oblongo	Retangular	0,60	0,65zn	0,75	0,90	0,95 zn	1,06	1,20	1,25 zn	1,50	1,55 zn	1,90	1,95 zn	2,00	2,25	2,65	3,00	3,35	3,75	4,25	4,50	4,75	6,30	8,00	9,50
1/2"	12,70	1/2"	10 x 10				1,074	1,159	1,326	1,571	1,652	1,826	2,042	2,118																	
5/8"	15.88	5/8"				10 x 15	1,356	1,464	1,678	1,994	2,097	2,323	2,605	2,704	3,189	3,284															
	17,20						1,474	1,592	1,826	2,171	2,284	2,532	2,841	2,950	3,485	3,589	4,301	4,400	4,498	4,977											
3/4"	19,05	3/4"	15 x 15	14 x 22*		10 x 20	1,638	1,770	2,031	2,417	2,544	3,033	3,169	3,292	3,895	4,014	4,822	4,934	5,046												
	20,40		16 x 16				1,758	1,900	2,181	2,597	2,734	3,175	3,409	3,542	4,195	4,323	5,201	5,324	5,445												
	21,30									2,717	2,861	3,319	3,569	3,708	4,395	4,530	5,454	5,583	5,712	6,342	7,313										
7/8"	22,22	7/8"				10 x 25 - 14 x 20 - 15 x 20	1,919	2,075	2,383	2,839	2,990	3,818	3,732	3,879	4,599	4,571	5,713	5,849	5,849												
1"	25,40	1"	20 x 20	16 x 30		10 x 30 - 15 x 25	2,202	2,380	2,736	3,263	3,437	3,912	4,297	4,467	5,305	5,470	6,607	6,766	6,925	7,707	8,921	9,944									
	26,00									3,343	3,521	4,053	4,404	4,578	5,438	5,608	6,776	6,939	7,103	7,907	9,156	10,210									
	26,90									3,462	3,648	4,320	4,563	4,744	5,638	5,814	7,029	7,199	7,369	8,207	9,509	10,609									
1.1/8"	28,60	1.1/8"				10 x 35 - 15 x 30 - 20 x 25	2,486	2,688	3,091	3,689	3,887	4,539	4,865	5,059	6,015	6,204	7,506	7,690	7,872	8,773	10,175	11,364									
	30,00			20 x 35*						3,875	4,084	4,814	5,114	5,318	6,326	6,525	7,900	8,094	8,286	9,239	10,724	11,985	13,210								
1.1/4"	31,75	1.1/4"	25 x 25	22,2 x 37,5		10 x 40 - 15 x 35 - 20 x 30	2,766	2,991	3,440	4,108	4,330	5,119	5,425	5,641	6,714	6,926	8,392	8,598	8,804	9,821	11,411	12,762	14,078								
	33,70									4,368	4,604	5,311	5,771	6,002	7,147	7,374	8,940	9,161	9,381	10,471	12,175	13,628	15,044	16,619							
1.3/8"	34,92	1.3/8"		18 x 43		15 x 40 - 20 x 35 - 25 x 30				4,531	4,775	5,810	5,987	6,228	7,418	7,653	9,283	9,513	9,742	10,877	12,654	14,170	15,649	17,296							
1.1/2"	38,10	1.1/2"	30 x 30	20 x 48		15 x 45 - 20 x 40 - 35 x 35			4,145	4,954	5,222	6,307	6,552	6,816	8,123	8,383	10,177	10,431	10,683	11,936	13,901	15,581	17,225	19,060							
1.5/8"	41,27	1.5/8"				15 x 50 - 20x 45 - 25 x 40				5,376	5,668		7,115	7,402	8,827	9,110	11,069	11,345	11,621	12,991	15,144	16,988	18,797	20,819							
	42,40											6,578	7,316	7,611	9,078	9,369	11,386	11,671	11,956	13,367	15,587	17,490	19,357	21,446	23,991						
	43,00									5,607	5,911	6,806	7,422	7,722	9,211	9,507	11,555	11,845	12,133	13,567	15,822	17,756	19,654	21,779							
1.3/4"	44,45	1.3/4"	35 x 35	20x 58	20 x 54	20 x 50 - 25 x 45 - 30 x 40				5,800	6,115	6,892	7,680	7,990	9,533	9,839	11,963	12,263	12,563	14,050	16,391	18,400	20,373	22,584							
	45,00									5,873	6,192	7,300	7,777	8,092	9,655	9,965	12,117	12,422	12,725	14,233	16,606	18,644	20,646	22,889							
1.7/8"	47,60	1.7/8"		29 x 58*	20 x 59	15 x 60 - 25 x 50				6,219	6,558		8,239	8,573	10,232	10,562	12,848	13,172	13,495	15,098	17,626	19,798	21,935	24,332							
	48,30											7,802	8,363	8,702	10,387	10,722	13,045	13,374	13,702	15,331	17,900	20,109	22,282	24,720	27,702	29,165	30,609				
2"	50,80	2"	40 x 40		25 x 60	20 x 60 - 30 x 50 - 35 x 45				6,645	7,007	8,460	8,807	9,165	10,942	11,296	13,748	14,095	14,442	16,164	18,880	21,219	23,521	26,107	29,274	30,829	32,366				
	55,00									7,205	7,598	8,796	9,553	9,942	11,875	12,569	14,929	15,307	15,885	17,562	20,527	23,083	25,603	28,438	31,915	33,626	35,318				
2.1/4"	57,15	2.1/4"				15 x 75 - 20 x 70 - 30 x 60 - 40 x 50				7,491	7,900	9,292	9,935	10,339	12,352	12,752	15,533	15,927	16,321	18,278	21,370	24,038	26,668	29,631	33,267	35,058	36,829				
2.3/8"	60,30	2.3/8"				20 x 75 - 25 x 70						9,794	10,494	10,922	13,051	13,474	16,419	16,836	17,253	19,237	22,606	25,436	28,230	31,379	35,248	37,155	39,043				
2.1/2"	63,50	2.1/2"	50 x 50	40 x 77		25 x 75 - 30 x 70 - 40 x 60				8,337	8,793	10,813	11,062	11,514	13,761	14,208	17,318	17,760	18,200	20,392	23,860	26,856	29,816	33,154	37,260	39,286	41,293				
	70,00			30 x 90		30 x 80 - 35 x 75 - 40 x70 - 50 x 60				9,202	9,706	11,064	12,216	12,716	15,204	15,699	19,146	19,635	20,124	22,556	26,409	29,742	33,038	36,761	41,348	43,614	45,861				
	71,60									9,415	9,931	11,284	12,500	13,012	15,559	16,066	19,596	20,097	20,597	23,089	27,037	30,452	33,831	37,649	42,354	44,679	46,986				
	73,00									9,602	10,128	11,785	12,749	13,271	15,870	16,387	19,989	20,501	21,012	23,555	27,585	31,073	34,525	38,426	43,235	45,611	47,970				
3"	76,20	3"	60 x 60			30 x 90 - 40 x 80 - 50 x 70				10,028	10,578		13,317	13,863	16,580	17,121	20,889	21,424	21,959	24,620	28,840	32,494	36,111	40,201	45,247	47,742	50,219				
3.3/16"	80,96	3.3/16"	64 x 64	50 x 98		30 x 100 - 40 x 90 - 50 x 80						13,777					22,227	22,798	23,367	26,205	30,707	34,607	38,471	42,843	48,240	50,912	53,564				
3.1/2"	88,90	3.1/2"	70 x 70			30 x 110 - 40 x 100 - 50 x 90 - 50 x 100* - 60 x 80							15,572	16,212	19,399	20,034	24,459	25,089	25,717	28,848	33,820	38,132	42,407	47,248	53,234	56,199	59,145	77,000			
3.3/4"	95,25	3.3/4"	75 x 75			30 x 120 - 50 x 100						15,769					26,245	26,921	27,596	30,963	36,310	40,950	45,554	50,772	57,227	60,427	63,608	82,920			
4"	101,60	4"	80 x 80			30 x 130 - 40 x 120 - 60 x 100 -70 x 90							17,827	18,561	22,218	22,947	28,030	28,753	29,475	33,077	38,800	43,769	48,702	54,295	61,220	64,655	68,071	88,920			
4.1/2"	114,30	4.1/2"	90 x 90	50 x 150		50 x 130 - 50 x 140* - 60 x 120 - 80 x 100									25,036	25,859	31,600	32,417	33,234	37,305	43,780	49,407	54,997	61,342	69,207	73,111	76,998	100,678	125,833	147,318
5"	127,00	5"	100 x 100			50 x 150 - 60 x 140 - 70 x 130 - 80 x 120 - 90 x 110											35,171	36,082	36,992	42,533	48,760	55,044	61,293	68,389	77,194	81,568	85,924	112,517	140,866	165,170
5.1/2"	139,70	5.1/2"	110 x 110			60 x 160 - 70 x 150 - 80 x 140 - 90 x 130 - 100 x 120 - 100 x 130*													40,751	45,761	53,740	60,682	67,588	75,436	85,180	90,024	94,850	124,356	155,900	183,023
	141,30		115 x 115																41,224	46,294	54,367	61,389	69,381	76,324	86,186	91,090	95,975	125,848	157,794	185,272
6"	152,40	6"	120 x 120 - 125 X 125*			60 x 180 - 60 x 190* - 70 x 170 - 70 x 180* - 80 x 160 - 80 x 170* - 90 X 150 - 90 X 160* - 100 X 140 - 100 X 150* - 110 X 130 - 110 X 140* - 120 X 130*													44,509	49,989	58,720	66,320	73,884	82,483	93,167	98,481	103,776	136,195	170,934	200,875
6.1/2"	165,10	6.1/2"	130 x 130			60 x 200 - 70 x 190 - 80 X 180 - 90 X 170 - 100 X 160 - 110 X 150 - 120 X 140													48,267	54,218	63,700	71,957	80,179	89,530	101,153	106,937	112,702	148,034	185,967	218,728
6.5/8"	168,30	6.5/8"	135 x 135			70x 200 - 80 x 190 - 90 x 180 - 100 x 170 - 110 x 160 - 120 x 150 - 130 x 140													49,214	55,283	64,954	73,378	81,765	91,306	103,166	109,068	114,952	151,017	189,755	223,226
7"	177,80	7"	140 x 140 - 150 X 150*			80 X 200 - 90 X 190 - 100 X 180 - 100 X 200* - 110 X 170 - 110 X 190* 120 X 160 - 120 X 180* - 130 X 150 - 130 X 170* - 140 X 160*															68,679	77,595	86,474	96,578	109,140	115,394	121,629	159,873	201,001	236,58
8"	203,20	8"	160 x 160			120 X 200 - 130 X 190 - 140 X 180 - 150 X 170															78,639	88,870	99,065	110,672	125,672	132,306	139,481	183,551	231,068	272,285
8.5/8"	219,10	8.5/8"	175 x 175 - 180 X 180*			150 X 200 - 160 X 190* - 160 X 200* - 170 X 180															84,874	95,928	106,946	119,494	135,112	142,894	150,656	198,373	249,890	294,636

	Poderão ser fornecidos com rebarba interna removida
*	Tubos Especiais sob Consulta
Obs.:	Outros Diâmetros e Espessuras, favor consultar.