

BARRAS DE AÇO **INOXIDÁVEL**



BARRAS DE AÇO INOXIDÁVEL



Há anos no mercado, a INOXPLASMA, vem inovando sua capacidade de produção de barras chatas. Com equipamentos importados da mais nova tecnologia, vem igualando sua qualidade aos produtos importados, com condições de se fabricar dimensões e quantidade sob necessidade, melhorando também os custos e mão-de-obras para seus clientes.

ACABAMENTO DE FORNECIMENTO

De usina:

Até 3,00mm esp.=2B

De 3,00mm a 19,00mm esp. = BQ

Inoxplasma:

De 2,00mm a 19,00mm esp. lixadas nas superfícies com proteção de PVC.

De 2,00mm a 19,00mm esp. Polida nas superfícies com proteção de PVC.

BARRA CHATA CORTADA E PERFILADA

Tolerâncias dimensionais:

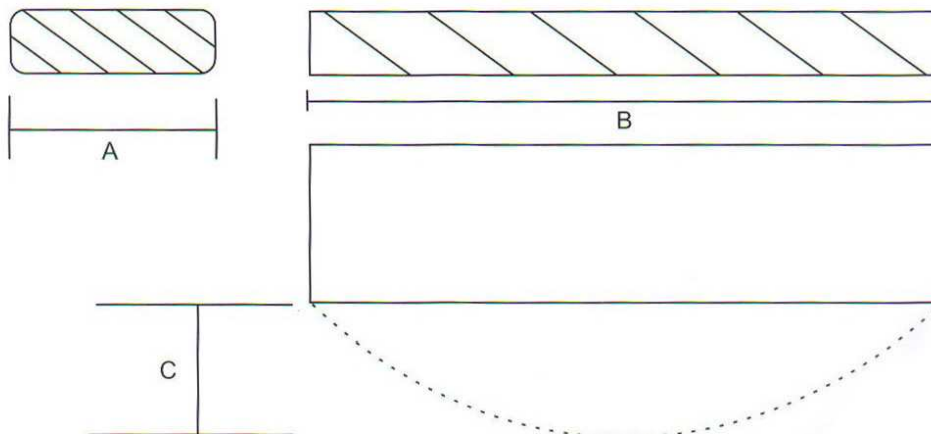
Medidas:

“A” $\pm 0,40\text{mm}$

“B” = 100 a 6.000mm $\pm 1\text{mm}$

“C” = Endireitamento lateral $\pm 1,50$ por metro linear.

Padrões de fornecimento, conforme “norma DIN 1017



PESO DE AÇO CHATO, POR METRO LINEAR EM KG

ESPESSURA		LARGURA EM POLEGADAS																				ESPESSURA	
EM																						EM	
POLEGADAS		1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4	2 7/8	3	POLEGADAS
1/8		0.32	0.40	0.47	0.55	0.63	0.71	0.79	0.87	0.96	1.03	1.11	1.19	1.27	1.35	1.42	1.50	1.58	1.66	1.74	1.82	1.90	1/8
3/16		0.47	0.59	0.71	0.83	0.95	1.07	1.19	1.31	1.43	1.55	1.66	1.78	1.90	2.02	2.13	2.25	2.37	2.49	2.61	2.73	2.85	3/16
1/4		0.63	0.79	0.95	1.11	1.27	1.43	1.58	1.74	1.90	2.06	2.21	2.37	2.73	2.69	2.85	3.00	3.16	3.32	3.48	3.64	3.80	1/4
5/16		0.79	0.99	1.19	1.39	1.58	1.78	1.98	2.18	2.37	2.57	2.77	2.97	3.17	3.36	3.57	3.76	3.95	4.15	4.35	4.55	4.75	5/16
3/8		0.95	1.19	1.42	1.66	1.90	2.14	2.37	2.61	2.85	3.09	3.32	3.56	3.80	4.04	4.27	4.50	4.74	4.98	5.22	5.46	5.70	3/8
7/16		1.11	1.38	1.66	1.94	2.22	2.49	2.76	3.04	3.32	3.60	3.88	4.15	4.43	4.71	4.88	5.26	5.53	5.81	6.09	6.37	6.65	7/16
1/2		1.27	1.58	1.90	2.21	2.53	2.85	3.16	3.48	3.79	4.11	4.43	4.75	5.06	5.38	5.69	6.01	6.33	6.65	6.96	7.28	7.60	1/2
9/16		1.43	1.78	2.13	2.49	2.85	3.21	3.55	3.91	4.27	4.63	4.99	5.34	5.69	6.05	6.41	6.76	7.12	7.48	7.83	8.19	8.54	9/16
5/8			1.98	2.37	2.77	3.16	3.56	3.95	4.35	4.74	5.14	5.54	5.94	6.33	6.72	7.12	7.52	7.91	8.31	8.70	9.10	9.49	5/8
3/4					3.32	3.79	4.27	4.74	5.22	5.69	6.17	6.64	7.12	7.59	8.07	8.54	9.01	9.49	9.96	10.44	10.92	11.39	3/4
7/8					4.43	4.98	5.53	6.09	6.64	7.20	7.75	8.30	8.86	9.41	9.96	10.52	11.07	11.62	12.18	12.73	13.28	7/8	
1						5.69	6.32	6.96	7.59	8.22	8.86	9.46	10.12	10.75	11.39	12.02	12.65	13.29	13.92	14.75	15.18	1	
1 1/8							7.12	7.83	8.54	9.25	9.96	10.67	11.38	12.10	12.81	13.52	14.23	14.95	15.65	16.37	17.06	11/8	
1 1/4								8.70	9.49	10.28	11.07	11.86	12.65	13.44	14.23	15.02	15.81	16.60	17.39	18.18	18.97	11/4	
1 3/8									10.43	11.30	12.17	13.05	13.92	14.79	15.66	16.52	17.39	18.27	19.13	20.00	20.87	13/8	
1 1/2										12.33	13.28	14.23	15.18	16.13	17.08	18.03	18.98	19.93	20.87	21.82	22.77	11/2	
1 5/8											14.39	15.42	16.45	16.48	18.50	19.53	20.56	21.59	22.61	23.64	24.67	15/8	
1 3/4												16.60	17.71	18.82	19.92	21.03	22.14	23.25	24.35	25.46	26.56	13/4	
1 7/8													18.98	20.16	21.34	22.54	23.72	24.91	26.09	27.28	28.46	17/8	
2														21.50	22.37	24.04	25.30	26.57	27.83	29.10	30.36	2	
2 1/2															26.88	28.46	30.04	31.621	32.30	34.78	36.36	37.94	2 1/2
3																		37.96	39.86	41.75	43.64	45.54	3
4																				55.66	58.20	60.72	4
POLEGADAS		3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	8	9	10	11	12	POLEGADAS
1/8		2.05	2.21	2.37	2.54	2.70	2.85	3.01	3.17	3.33	3.48	3.64	3.79	3.95	4.11	4.27	4.43	5.06	5.69	6.33	6.96	7.59	1/8
3/16		3.08	3.32	3.56	3.80	4.04	4.27	4.51	4.75	4.99	5.22	5.45	5.69	5.93	6.16	6.14	6.64	7.59	8.54	9.49	10.44	11.39	3/16
1/4		4.11	4.42	4.74	5.06	5.38	5.69	6.01	6.33	6.65	6.96	7.28	7.59	7.90	8.22	8.54	8.86	10.12	11.38	12.65	13.91	15.18	1/4
5/16		5.14	5.53	5.93	6.33	6.72	7.11	7.51	7.91	8.30	8.69	9.09	9.49	9.88	10.28	10.68	11.07	12.65	14.23	15.81	17.39	18.97	5/16
3/8		6.17	6.64	7.12	7.59	8.06	8.54	9.01	9.49	9.97	10.44	10.91	11.39	11.86	12.33	12.80	13.28	15.18	17.08	18.98	20.87	22.77	3/8
7/16		7.19	7.75	8.30	8.85	9.40	9.96	10.51	11.07	11.63	12.18	12.73	12.28	13.84	14.39	14.95	15.50	17.71	19.92	22.14	24.35	26.56	7/16
1/2		8.22	8.86	9.49	10.12	10.75	11.39	12.02	12.65	13.29	13.92	14.55	15.18	15.81	16.44	17.08	17.71	20.24	22.77	25.30	27.83	30.36	1/2
9/16		9.25	9.96	10.67	11.39	12.10	12.81	13.52	14.23	14.94	15.65	16.36	17.07	17.79	18.50	19.21	19.92	22.77	25.62	28.46	31.31	34.15	9/16
5/8		10.28	11.07	11.86	12.65	13.44	14.23	15.02	15.81	16.60	17.39	18.18	18.97	19.76	20.56	21.35	22.14	25.30	28.46	31.63	34.79	37.95	5/8
3/4		12.33	13.28	14.23	15.18	16.13	17.08	18.03	18.98	19.93	20.87	21.82	22.77	23.72	24.67	25.61	26.56	30.36	34.15	37.95	51.74	45.54	3/4
7/8		14.39	15.50	16.60	17.71	18.82	19.92	21.03	22.14	23.25	24.35	25.46	26.56	27.67	28.78	29.89	30.99	35.42	39.85	44.27	48.70	53.13	7/8
1		16.44	17.71	18.97	20.24	21.50	22.77	24.04	25.30	26.57	27.83	29.10	30.36	31.63	32.89	34.16	35.42	40.48	45.54	50.60	55.66	60.72	1
1 1/8		18.50	19.63	21.35	22.77	24.17	25.62	27.04	28.46	29.88	31.31	32.73	34.15	35.58	37.00	38.42	39.84	45.54	51.23	59.92	66.66	68.31	1 1/8
1 1/4		20.56	22.14	23.72	25.30	26.88	28.46	30.04	31.62	33.20	34.79	36.37	37.95	39.53	41.11	42.69	44.27	50.60	56.92	63.25	69.54	75.90	1 1/4
1 3/8		22.61	24.35	26.09	27.83	29.56	31.30	33.04	34.78	36.52	38.27	40.01	41.74	43.48	45.22	46.96	48.70	55.66	62.62	69.58	76.53	83.49	1 3/8
1 1/2		24.67	26.56	28.46	30.36	32.25	34.15	36.05	37.95	39.85	41.74	43.64	45.54	47.44	49.33	51.23	53.13	60.72	68.31	75.90	83.49	91.08	1 1/2
1 5/8		26.72	28.78	30.83	32.89	34.94	37.00	39.06	41.11	43.16	45.22	47.28	49.33	51.38	53.44	55.50	57.56	65.78	74.00	82.22	90.44	98.67	1 5/8
1 3/4		28.78	30.99	33.21	35.42	37.63	39.85	42.06	44.27	46.49	48.70	50.91	53.13	55.34	57.56	59.77	61.98	70.84	79.69	88.55	97.40	106.26	1 3/4
1 7/8		30.83	33.21	35.58	37.95	40.32	42.70	45.07	47.44	49.81	52.18	54.55	56.92	59.29	61.67	64.04	66.41	75.90	85.39	94.88	104.36	113.85	1 7/8
2		32.89	35.42	37.95	40.48	43.01	45.54	48.07	50.60	53.13	55.66	58.19	60.72	63.25	65.78	68.31	70.84	80.96	91.08	101.20	111.32	121.43	2
2 1/2		41.12	44.28	47.44	50.60	53.76	56.92	60.08	63.24	66.40	69.58	72.74	75.90	79.06	82.22	85.38	88.54	101.20	113.84	126.50	139.14	151.80	2 1/2
3		49.34	53.12	56.92	60.72	64.50	68.31	72.05	75.90	79.70	83.48	87.28	91.08	94.88	98.66	102.46	106.26	121.44	136.62	151.80	166.98	182.16	3
4		65.78	70.84	75.90	80.96	86.02	91.08	96.14	101.20	106.26	111.32	116.38	121.44	126.50	131.56	136.62	141.68	161.92	182.16	202.40	222.64	242.86	4

•TABELA DE PESOS E MEDIDAS•

PESO DE AÇO EM BARRAS POR METRO LINEAR EM KG								
øPOL	ømm	Red.	Qua.	Sext.	øPOL	ømm	Red.	Qua.
1/4	6.35	0.25	0.32	0.27	4	101.60	63.58	80.96
5/16	7.94	0.39	0.49	0.43	4 1/8	104.78	67.62	86.10
3/8	9.53	0.56	0.71	0.62	4 1/4	107.95	71.18	91.39
7/16	11.11	0.76	0.97	0.84	4 3/8	111.13	76.06	96.85
1/2	12.70	0.99	1.22	1.10	4 1/2	114.30	80.47	102.46
9/16	14.29	1.26	1.60	1.39	4 5/8	117.48	85.01	108.23
5/8	15.87	1.55	1.98	1.71	4 3/4	120.65	89.66	114.16
11/16	17.46	1.88	2.39	2.07	4 7/8	123.83	94.44	120.25
3/4	19.05	2.24	2.85	2.46	5	127.00	99.8	126.5
13/16	20.64	2.62	3.34	2.89	5 1/4	133.35	109.5	139.5
7/8	22.22	3.04	3.85	3.35	5 1/2	139.70	120.2	153.1
15/16	23.81	3.49	4.45	3.85	5 3/4	146.06	131.4	167.2
1	25.40	3.97	5.06	4.38	6	152.40	143.1	182.5
1 1/16	26.99	4.49	5.71	4.95	6 1/4	158.75	155.2	197.8
1 1/8	28.57	5.03	6.40	5.55	6 1/2	165.10	167.9	213.5
1 3/16	30.16	5.60	7.14	6.18	6 3/4	171.54	181.1	231.0
1 1/4	31.75	6.21	7.91	6.85	7	177.80	194.7	248.1
1 5/16	33.34	6.85	8.72	7.55	7 1/4	184.50	209.7	266.2
1 3/8	34.92	7.51	9.57	8.29	7 1/2	190.50	223.8	285.0
1 7/16	36.51	8.21	10.46	9.06	7 3/4	196.85	238.9	304.0
1 1/2	38.10	8.94	11.39	9.86	8	203.20	254.6	324.0
1 9/16	39.69	9.70	12.35	10.70	8 1/4	209.55	270.7	345.0
1 5/8	41.27	10.49	13.36	11.57	8 1/2	215.90	287.4	365.9
1 11/16	42.86	11.32	14.41	12.48	8 3/4	222.25	304.6	388.5
1 3/4	44.45	12.17	15.50	13.42	9	228.60	322.1	410.2
1 13/16	46.04	13.06	16.62	14.40	9 1/4	234.95	340.3	433.5
1 7/8	47.62	13.97	17.79	15.41	9 1/2	241.30	359.0	457.1
1 15/16	49.21	14.92	18.99	16.45	9 3/4	247.65	378.1	481.4
2	50.80	15.90	20.24	17.53	10	254.00	397.8	506.5
2 1/16	52.39	16.91	21.52	18.64	10 1/4	260.35	417.9	532.0
2 1/8	53.97	17.95	22.85	19.79	10 1/2	266.70	438.5	558.4
2 3/16	55.56	19.02	24.21	20.97	10 3/4	273.05	459.7	585.3
2 1/4	57.15	20.12	25.62	22.19	11	279.40	481.2	612.8
2 5/16	58.74	21.25	27.06	23.44	11 1/4	285.75	503.4	641.0
2 3/8	60.32	22.42	28.54	24.72	11 1/2	292.70	526.0	669.8
2 7/16	61.91	23.61	30.06	26.03	11 3/4	298.45	549.1	699.2
2 1/2	63.50	24.84	31.62	27.38	12	304.80	572.7	729.3
2 9/16	65.09	26.10	33.22	28.78	12 1/2	317.50	620.9	790.6
2 5/8	66.67	27.38	34.87	30.19	13	330.20	672.6	855.8
2 11/16	68.26	28.70	36.55	31.67	13 1/2	342.90	724.3	922.2
2 3/4	69.85	30.05	38.27	33.14	14	355.60	779.7	992.6
2 13/16	71.44	31.44	40.02	34.22	14 1/2	368.03	835.5	1063.8
2 7/8	73.02	32.85	41.82	36.22	15	381.00	894.9	1139.5
2 15/16	74.61	34.29	43.66	37.81	15 1/2	393.70	954.7	1215.6
3	76.20	35.77	45.54	39.43	16	406.40	1017.3	1295.3
3 1/8	79.38	38.81	49.41	42.79	17	431.80	1148.5	1462.3
3 1/4	82.55	41.88	53.44	46.34	18	457.20	1287.6	1639.4
3 3/8	85.73	45.27	57.63	49.98	19	482.60	1434.6	1826.6
3 1/2	88.90	48.68	61.98	53.74	20	508.00	1589	2023.9
3 5/8	92.08	52.22	66.49	57.66				
3 3/4	95.25	55.88	71.15	61.69				
3 7/8	98.43	60.67	75.98	65.88				

* APLICAÇÕES *

As barras chatas fabricadas pela INOXPLASMA são utilizadas em vários segmentos, tais como:

- Centrais de energia nuclear,
 - Cervejarias e fábricas de refrigerantes,
 - Indústria de celulose e papel,
 - Decoração,
- Aplicações refratárias,
 - Indústria aeronáutica,
 - Indústria de borracha
 - Produção de derivados de nitrogênio,
- Indústria alimentícia,
 - Indústria farmacêutica,
 - Indústria de laticínios,
 - Indústria petroquímica,
- Indústria de plástico,
 - Indústria de explosivos,
 - Indústria têxtil,
 - Indústria de detergentes,
- Usinas de açúcar e álcool.