

# HonBar

## HARD CHROMIUM PLATED BAR



### DIMENSIONS AND TOLERANCES

#### Weight Calculation Formula

<b>Metric <math>\varnothing^2 \times 0.00616</math></b>	(Example: 50mm x 50mm x 0.00616 = 15,40 kg / mt)
<b>Imperial <math>\varnothing^2 \times 2.67</math></b>	(Example: 2" x 2" x 2.67 = 10,68 Lb/ft)

#### Standard Lengths of Bars

Dia 6 mm to 12 mm	3.000 mm – 4.000 mm
Dia 14 mm to 160 mm	5.000 mm – 7.000 mm
By request	< 14.000 mm



Diameter		Tolerance f7		Weight		Diameter		Tolerance f7		Weight	
Metric	Imperial	Min	Max	Kg/m	Lb/ft	Metric	Imperial	Min	Max	Kg/m	Lb/ft
8,00 mm	5.04/16	7,972 mm	7,987 mm	0,39 Kg/m	0,26 Lb/ft	60,00 mm	2 1/3	59,940 mm	59,970 mm	22,18 Kg/m	14,90 Lb/ft
10,00 mm	6.30/16	9,972 mm	9,987 mm	0,62 Kg/m	0,41 Lb/ft	63,00 mm	2 1/2	62,940 mm	62,970 mm	24,45 Kg/m	16,43 Lb/ft
12,00 mm	7.56/16	11,966 mm	11,984 mm	0,89 Kg/m	0,60 Lb/ft	63,50 mm	<b>2 1/2</b>	63,440 mm	63,470 mm	24,84 Kg/m	16,69 Lb/ft
12,70 mm	<b>1/2</b>	12,666 mm	12,684 mm	0,99 Kg/m	0,67 Lb/ft	65,00 mm	2 5/9	64,940 mm	64,970 mm	26,03 Kg/m	17,49 Lb/ft
14,00 mm	8.82/16	13,966 mm	13,984 mm	1,21 Kg/m	0,81 Lb/ft	69,85 mm	<b>2 3/4</b>	69,790 mm	69,820 mm	30,05 Kg/m	20,19 Lb/ft
15,00 mm	9.45/16	14,966 mm	14,984 mm	1,39 Kg/m	0,93 Lb/ft	70,00 mm	2 3/4	69,940 mm	69,970 mm	30,18 Kg/m	20,28 Lb/ft
15,875 mm	<b>5/8</b>	15,841 mm	15,859 mm	1,55 Kg/m	1,04 Lb/ft	73,00 mm	2 7/8	72,940 mm	72,970 mm	32,83 Kg/m	22,05 Lb/ft
16,00 mm	10.08/16	15,966 mm	15,984 mm	1,58 Kg/m	1,06 Lb/ft	75,00 mm	2 20/21	74,940 mm	74,970 mm	34,65 Kg/m	23,28 Lb/ft
17,00 mm	10.71/16	16,966 mm	16,984 mm	1,78 Kg/m	1,20 Lb/ft	76,20 mm	<b>3</b>	76,140 mm	76,170 mm	35,77 Kg/m	24,03 Lb/ft
18,00 mm	11.34/16	17,959 mm	17,980 mm	2,00 Kg/m	1,34 Lb/ft	79,375 mm	<b>3 1/8</b>	79,315 mm	79,345 mm	38,81 Kg/m	26,07 Lb/ft
19,00 mm	11.97/16	18,959 mm	18,980 mm	2,22 Kg/m	1,49 Lb/ft	80,00 mm	3 1/7	79,929 mm	79,964 mm	39,42 Kg/m	26,49 Lb/ft
19,05 mm	<b>3/4</b>	19,053 mm	19,030 mm	2,24 Kg/m	1,50 Lb/ft	82,55 mm	<b>3 1/4</b>	82,479 mm	82,514 mm	41,98 Kg/m	28,20 Lb/ft
20,00 mm	12.60/16	19,959 mm	19,980 mm	2,46 Kg/m	1,66 Lb/ft	85,00 mm	3 1/3	84,929 mm	84,964 mm	44,51 Kg/m	29,90 Lb/ft
22,00 mm	13.86/16	21,959 mm	21,980 mm	2,98 Kg/m	2,00 Lb/ft	88,90 mm	<b>3 1/2</b>	88,829 mm	88,864 mm	48,68 Kg/m	32,71 Lb/ft
22,225 mm	<b>7/8</b>	22,184 mm	22,205 mm	3,04 Kg/m	2,04 Lb/ft	90,00 mm	3 1/2	89,929 mm	89,964 mm	49,90 Kg/m	33,52 Lb/ft
25,00 mm	15.75/16	24,959 mm	24,980 mm	3,85 Kg/m	2,59 Lb/ft	92,075 mm	<b>3 5/8</b>	92,004 mm	92,039 mm	52,22 Kg/m	35,09 Lb/ft
25,40 mm	<b>1</b>	25,359 mm	25,380 mm	3,97 Kg/m	2,67 Lb/ft	95,00 mm	3 3/4	94,929 mm	94,964 mm	55,59 Kg/m	37,35 Lb/ft
28,00 mm	1 1.64/16	27,959 mm	27,980 mm	4,83 Kg/m	3,24 Lb/ft	95,25 mm	<b>3 3/4</b>	95,179 mm	95,214 mm	55,89 Kg/m	37,55 Lb/ft
28,575 mm	<b>1 1/8</b>	28,534 mm	28,555 mm	5,03 Kg/m	3,38 Lb/ft	100,00 mm	3 15/16	99,929 mm	99,964 mm	61,60 Kg/m	41,39 Lb/ft
30,00 mm	1 2.90/16	29,959 mm	29,975 mm	5,54 Kg/m	3,72 Lb/ft	101,60 mm	<b>4</b>	101,529 mm	101,564 mm	63,59 Kg/m	42,72 Lb/ft
31,75 mm	<b>1 1/4</b>	31,700 mm	31,725 mm	6,21 Kg/m	4,17 Lb/ft	104,775 mm	<b>4 1/8</b>	104,704 mm	104,739 mm	67,62 Kg/m	45,43 Lb/ft
32,00 mm	1 4.16/16	31,950 mm	31,975 mm	6,31 Kg/m	4,24 Lb/ft	105,00 mm	4 1/7	104,929 mm	104,964 mm	67,91 Kg/m	45,63 Lb/ft
34,975 mm	<b>1 3/8</b>	34,925 mm	34,950 mm	7,54 Kg/m	5,06 Lb/ft	107,95 mm	<b>4 1/4</b>	107,879 mm	107,914 mm	71,78 Kg/m	48,23 Lb/ft
35,00 mm	1 6.05/16	34,950 mm	34,975 mm	7,55 Kg/m	5,07 Lb/ft	110,00 mm	4 1/3	109,929 mm	109,964 mm	74,54 Kg/m	50,08 Lb/ft
36,00 mm	1 6.68/16	35,950 mm	35,975 mm	7,98 Kg/m	5,36 Lb/ft	111,13 mm	<b>4 3/8</b>	111,059 mm	111,094 mm	76,07 Kg/m	51,11 Lb/ft
38,00 mm	1 7.94/16	37,950 mm	37,975 mm	8,90 Kg/m	5,98 Lb/ft	114,30 mm	<b>4 1/2</b>	114,229 mm	114,264 mm	80,48 Kg/m	54,07 Lb/ft
38,10 mm	<b>1 1/2</b>	38,050 mm	38,075 mm	8,94 Kg/m	6,01 Lb/ft	115,00 mm	4 1/2	114,929 mm	114,964 mm	81,47 Kg/m	54,73 Lb/ft
40,00 mm	1 9.20/16	39,950 mm	39,975 mm	9,86 Kg/m	6,62 Lb/ft	117,475 mm	<b>4 5/8</b>	117,404 mm	117,439 mm	85,01 Kg/m	57,11 Lb/ft
42,00 mm	1 10.46/16	41,950 mm	41,975 mm	10,87 Kg/m	7,30 Lb/ft	120,00 mm	4 5/7	119,917 mm	119,952 mm	88,70 Kg/m	59,59 Lb/ft
44,45 mm	<b>1 3/4</b>	44,400 mm	44,425 mm	12,17 Kg/m	8,18 Lb/ft	125,00 mm	4 82/89	124,917 mm	124,952 mm	96,25 Kg/m	64,66 Lb/ft
45,00 mm	1 12.35/16	44,950 mm	44,975 mm	12,47 Kg/m	8,38 Lb/ft	127,00 mm	<b>5</b>	126,917 mm	126,952 mm	99,35 Kg/m	66,75 Lb/ft
47,00 mm	1 13.61/16	46,950 mm	46,975 mm	13,61 Kg/m	9,14 Lb/ft	130,00 mm	5 1/8	129,917 mm	129,952 mm	104,10 Kg/m	69,94 Lb/ft
47,625 mm	<b>1 7/8</b>	47,575 mm	47,600 mm	13,97 Kg/m	9,39 Lb/ft	135,00 mm	5 1/3	134,917 mm	134,952 mm	112,27 Kg/m	75,42 Lb/ft
48,00 mm	1 14.24/16	47,950 mm	47,975 mm	14,19 Kg/m	9,54 Lb/ft	140,00 mm	5 1/2	139,917 mm	139,952 mm	120,74 Kg/m	81,11 Lb/ft
50,00 mm	1 15.50/16	49,940 mm	49,970 mm	15,40 Kg/m	10,35 Lb/ft	150,00 mm	<b>6</b>	149,917 mm	149,952 mm	138,60 Kg/m	93,12 Lb/ft
50,80 mm	<b>2</b>	50,740 mm	50,770 mm	15,90 Kg/m	10,68 Lb/ft	160,00 mm	6 2/7	159,917 mm	159,952 mm	157,70 Kg/m	105,95 Lb/ft
53,975 mm	<b>2 1/8</b>	53,915 mm	53,945 mm	17,95 Kg/m	12,06 Lb/ft	170,00 mm	6 2/3	169,917 mm	169,952 mm	178,02 Kg/m	119,60 Lb/ft
55,00 mm	2 1/6	54,940 mm	54,970 mm	18,63 Kg/m	12,52 Lb/ft	180,00 mm	<b>7</b>	179,904 mm	179,950 mm	199,58 Kg/m	134,09 Lb/ft
56,00 mm	2 1/5	55,940 mm	55,970 mm	19,32 Kg/m	12,98 Lb/ft	190,00 mm	7 1/2	189,904 mm	189,950 mm	222,38 Kg/m	149,40 Lb/ft
57,15 mm	<b>2 1/4</b>	57,090 mm	57,120 mm	20,12 Kg/m	13,52 Lb/ft	200,00 mm	7 7/8	199,904 mm	199,950 mm	246,40 Kg/m	165,54 Lb/ft