



WEIGHT OF BRASS RODS / BARS IN KILOGRAMS PER METRE

Size			Weight		
Fractions	Inches	Millimeters	Rounds	Hexagons	Squares
1/8"	0.125	3.175	0.067	0.074	0.085
	0.157	4.000	0.107	0.118	0.136
	0.177	4.500	0.135	0.149	0.172
3/16"	0.187	4.762	0.151	0.166	0.192
	0.197	5.000	0.167	0.184	0.213
13/64"	0.203	5.159	0.178	0.196	0.227
	0.217	5.500	0.202	0.223	0.257
7/32"	0.218	5.556	0.206	0.227	0.262
	0.236	6.000	0.240	0.265	0.306
1/4"	0.250	6.350	0.269	0.297	0.342
	0.256	6.500	0.282	0.311	0.359
9/32"	0.276	7.000	0.327	0.360	0.416
	0.281	7.144	0.341	0.376	0.434
	0.295	7.500	0.376	0.415	0.479
5/16"	0.312	7.937	0.421	0.464	0.536
	0.314	8.000	0.427	0.471	0.544
11/32"	0.343	8.731	0.509	0.561	0.648
	0.354	9.000	0.541	0.596	0.689
23/64"	0.359	9.128	0.556	0.613	0.708
3/8"	0.375	9.525	0.606	0.668	0.772
	0.393	10.000	0.668	0.736	0.850
13/32"	0.406	10.318	0.711	0.784	0.905
	0.433	11.000	0.808	0.891	1.029
7/16"	0.437	11.112	0.824	0.908	1.049
15/32"	0.468	11.906	0.946	1.043	1.204
	0.472	12.000	0.961	1.059	1.224
1/2"	0.500	12.700	1.077	1.187	1.371
	0.511	13.000	1.128	1.244	1.436
	0.551	14.000	1.308	1.442	1.665
9/16"	0.562	14.287	1.363	1.503	1.735
	0.590	15.000	1.502	1.656	1.912
5/8"	0.625	15.875	1.682	1.854	2.142
	0.629	16.000	1.709	1.884	2.176
	0.669	17.000	1.929	2.127	2.456
11/16"	0.687	17.462	2.036	2.244	2.592
	0.708	18.000	2.163	2.384	2.754
	0.748	19.000	2.410	2.657	3.068

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Fractions	Inches	Millimeters	Rounds	Hexagons	Squares
3/4"	0.750	19.050	2.423	2.671	3.085
	0.787	20.000	2.670	2.943	3.399
13/16"	0.812	20.637	2.843	3.134	3.620
	0.826	21.000	2.944	3.295	3.748
7/8"	0.866	22.000	3.231	3.562	4.114
	0.875	22.225	3.298	3.636	4.199
15/16"	0.905	23.000	3.532	3.894	4.497
	0.937	23.812	3.785	4.173	4.819
1"	0.944	24.000	3.845	4.239	4.895
	0.984	25.000	4.172	4.599	5.312
1.1/16"	1.000	25.400	4.387	4.748	5.484
	1.023	26.000	4.513	4.975	5.746
1.1/8"	1.062	26.988	4.862	5.360	6.190
	1.063	27.000	4.867	5.365	6.197
1.1/4"	1.102	28.000	5.234	5.770	6.664
	1.125	28.575	5.451	6.009	6.940
1.3/16"	1.141	29.000	5.614	6.189	7.148
	1.181	30.000	6.008	6.623	7.649
1.1/2"	1.187	30.162	6.073	6.695	7.732
	1.220	31.000	6.416	7.073	8.169
1.5/16"	1.250	31.750	6.730	7.419	8.569
	1.259	32.000	6.836	7.536	8.704
1.3/8"	1.299	33.000	7.270	8.014	9.256
	1.312	33.338	7.420	8.180	9.447
1.7/16"	1.338	34.000	7.717	8.507	9.825
	1.375	34.925	8.143	8.977	10.368
1.1/2"	1.377	35.000	8.178	9.015	10.412
	1.417	36.000	8.652	9.538	11.016
1.5/8"	1.437	36.512	8.900	9.811	11.331
	1.456	37.000	9.139	10.075	11.636
1.9/16"	1.496	38.000	9.640	10.627	12.274
	1.500	38.100	9.691	10.683	12.339
1.5/8"	1.535	39.000	10.154	11.194	12.928
	1.562	39.688	10.515	11.592	13.388
1.5/4"	1.574	40.000	10.681	11.775	13.599
	1.614	41.000	11.220	12.369	14.285
1.5/8"	1.625	41.275	11.373	12.538	14.480

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WEIGHT OF BRASS RODS / BARS IN KILOGRAMS PER METRE

Size			Weight		
Fractions	Inches	Millimeters	Rounds	Hexagons	Squares
	1.653	42.000	11.776	12.982	14.993
1.11/16"	1.687	42.862	12.265	12.419	15.616
	1.692	43.000	12.344	13.608	15.716
	1.732	44.000	12.925	14.248	16.456
1.3/4"	1.750	44.450	13.190	14.541	16.794
	1.771	45.000	13.519	14.903	17.212
	1.811	46.000	14.126	15.573	17.985
1.13/16"	1.812	46.038	14.150	15.599	18.016
	1.850	47.000	14.747	16.257	18.776
1.7/8"	1.875	47.625	15.142	16.693	19.279
	1.889	48.000	15.381	16.956	19.583
	1.929	49.000	16.029	17.670	20.408
1.15/16"	1.937	49.212	16.168	17.824	20.585
	1.968	50.000	16.690	18.399	21.250
2"	2.000	50.800	17.228	18.992	21.935
	2.007	51.000	17.364	19.142	22.108
	2.047	52.000	18.052	19.905	22.984
	2.086	53.000	18.753	20.673	23.876
2.1/8"	2.125	53.975	19.449	21.441	24.762
	2.126	54.000	19.467	21.460	24.785
	2.165	55.000	20.195	22.263	25.712
	2.204	56.000	20.936	23.080	26.656
	2.244	57.000	21.690	23.911	27.616
2.1/4"	2.250	57.150	21.804	24.037	27.761
	2.283	58.000	22.458	24.758	28.594
	2.322	59.000	23.239	25.619	29.588
	2.362	60.000	24.033	26.494	30.599
2.3/8"	2.375	60.325	24.294	26.782	30.931
	2.401	61.000	24.841	27.385	31.628
	2.440	62.000	25.662	28.240	32.673
	2.480	63.000	26.497	29.210	33.736
2.1/2"	2.500	63.500	26.919	29.676	34.273
	2.519	64.000	27.344	30.144	34.814
	2.559	65.000	28.206	31.094	35.912
	2.598	66.000	29.080	32.058	37.025
2.5/8"	2.625	66.675	29.678	32.717	37.786
	2.638	67.000	29.968	33.037	38.155

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Size			Weight		
Fractions	Inches	Millimeters	Rounds	Hexagons	Squares
	2.677	68.000	30.869	34.030	39.302
	2.716	69.000	31.784	35.039	40.467
2.3/4"	2.750	69.850	32.572	35.907	41.471
	2.755	70.000	32.712	36.062	41.649
	2.795	71.000	33.653	37.099	42.847
	2.834	72.000	34.609	38.153	44.064
	2.874	73.000	35.576	39.219	45.295
2.7/8"	2.875	73.025	35.600	39.245	45.326
	2.913	74.000	36.557	40.300	46.544
	2.952	75.000	37.552	41.397	47.811
	2.991	76.000	38.560	42.509	49.095
3"	3.000	76.200	38.763	42.732	49.353
	3.030	77.000	39.581	43.634	50.395
	3.069	78.000	40.616	44.775	51.712
	3.109	79.000	41.664	45.930	53.047
3.1/8"	3.125	79.375	42.061	46.368	53.552
	3.148	80.000	42.726	47.101	54.399

FORMULAE FOR CALCULATING WEIGHT OF BRASS SOLIDS

Kgs Per foot		Kgs Per Metre
SOLIDS	Dimensions in Inch.	Dimensions in mm.
ROUND	$D^2 \times 1.313$	$D^2 \times 0.00668$
SQUARE	$S^2 \times 1.672$	$S^2 \times 0.00850$
HEXAGON	$S^2 \times 1.448$	$S^2 \times 0.00736$
FLAT	$W \times T \times 1.672$	$W \times T \times 0.00850$

D - Outside Diameter	S - Dimension - A/f	W-Width
T-Wall Thickness	A/F - Across Flat	T - Thickness

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