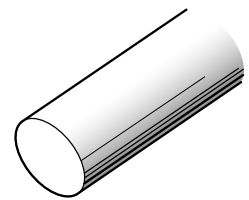


ROUND BAR

A582 (T303), A276 (T304 & T316)



Imperial

Diameter		Theoretical kg/m	T303	T304	T316	Tolerance
mm	inch					
3.18	1/8	0.062	•	•	•	H9
4.76	3/16	0.140	•	•	•	H9
6.35	1/4	0.248	•	•	•	H9
7.94	5/16	0.388	•	•	•	H9
9.53	3/8	0.559	•	•	•	H9
11.11	7/16	0.761	•	•	•	H9
12.70	1/2	0.994	•	•	•	H9
14.29	9/16	1.258	•	•	•	H9
15.88	5/8	1.553	•	•	•	H9
19.05	3/4	2.237	•	•	•	H9
22.23	7/8	3.045	•	•	•	H11
25.40	1	3.977	•	•	•	H11
28.58	1-1/8	5.034	•	•	•	H11
31.80	1-1/4	6.215	•	•	•	H11
34.93	1-3/8	7.520	•	•	•	H11
38.10	1-1/2	8.949	•	•	•	H11
41.28	1-5/8	10.503	•	•	•	H11
44.45	1-3/4	12.182	•	•	•	H11
50.80	2	15.911	•	•	•	H11
57.15	2-1/4	20.137	•	•	•	H11
60.33	2-3/8	22.436	•	•	•	H11
63.50	2-1/2	24.860	•	•	•	H11
76.20	3	35.799	•	•	•	H11
88.90	3-1/2	48.726	•	•	•	H11
101.60	4	63.642	•	•	•	H11

Diameter 7.93mm and over (304 and 316 only) are improved machining quality
Contact your Mico Metals Branch for information on improved machining stainless steel

Metric

Diameter mm	Theoretical kg/m	T303	T304	T316	Tolerance
3.00	0.055		•		H9
4.00	0.099		•		H9
5.00	0.154		•		H9
6.00	0.222	•			H9
10.00	0.617	•	•		H9
12.00	0.888			•	H9
16.00	1.580		•		H9
20.00	2.470		•		H9
24.00	3.550		•		H11
36.00	7.990		•		H11
60.00	22.200	•		•	H11

• Denotes Normal Stock Range
Other sizes available on indent

Finish Up to 31.8mm incl.; Cold drawn annealed and polished
Over 31.8mm; Hot rolled, solution treated, smooth turned
Length From 3.6m to 5m - Ask your Mico Metals team for details

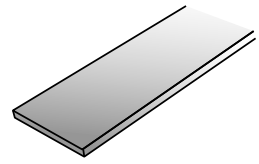
Table 1: Diameter Tolerance of Round Bar

Class Diameter in mm	H9 9mm	H11 11mm
3 and under	+0, -0.025	+0, -0.060
3 to 6, incl.	+0, -0.030	+0, -0.075
Over 6 to 10, incl.	+0, -0.036	+0, -0.090
Over 10 to 18, incl.	+0, -0.043	+0, -0.110
Over 18 to 30, incl.	+0, -0.052	+0, -0.130
Over 30 to 50, incl.	+0, -0.062	+0, -0.160
Over 50 to 80, incl.	+0, -0.074	+0, -0.190
Over 80 to 120, incl.	+0, -0.087	+0, -0.220

For AISI, ASTM and other tolerances, contact your Mico Metals team

FLAT BAR

A276/A484



Diameter mm	Theoretical kg/m	T304	T304L	T316	T316L
10 x 3	0.242	•			
12 x 3	0.283	•			
20 x 3	0.471	•			
25 x 3	0.589	•			
30 x 3	0.707	•			
40 x 3	0.942	•			
50 x 3	1.180	•			
20 x 5	0.785	•			
25 x 5	0.981	•		•	
30 x 5	1.120	•			
40 x 5	1.570	•		•	
50 x 5	1.960	•		•	
65 x 5	2.560	•			
20 x 6	0.942	•			
25 x 6	1.180	•		•	
30 x 6	1.410	•			
32 x 6	1.520	•		•	
40 x 6	1.880	•		•	
50 x 6	2.360	•		•	
65 x 6	3.130	•		•	
75 x 6	3.570	•		•	
100 x 6	4.710	•			•
25 x 9	1.780	•		•	
40 x 9	2.900	•		•	
50 x 9	3.570	•		•	
65 x 9	4.630	•			
75 x 9	5.340	•			
100 x 9	7.140	•	•	•	•
25 x 10	1.960	•			
40 x 10	3.140	•			
50 x 10	3.930	•			
25 x 12	2.360	•			
40 x 12	3.770	•			
50 x 12	4.710	•			
65 x 12	6.190	•			
75 x 12	7.140	•			
100 x 12	9.420	•			
150 x 12	14.500		•		

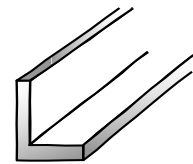
• Denotes Normal Stock Range
Other sizes available on indent

Finish Under normal circumstances sizes 50 x 6 and below are slit rolled edge. Size 65 x 6 and above are hot rolled, annealed and pickled. Some variation in finishes may occur, please contact Mico Metals for details.

Length 4m

ANGLE - Equal Legs

A276/A484

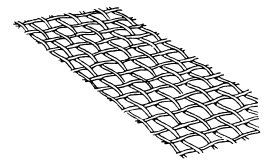


Diameter mm	Theoretical kg/m	T304	T316	T316L
20 x 20 x 3	0.91	•		
25 x 25 x 3	1.15	•		
30 x 30 x 3	1.39	•		
40 x 40 x 3	1.88	•		
50 x 50 x 3	2.41	•		
25 x 25 x 5	1.81	•		
30 x 30 x 5	2.21	•		
40 x 40 x 5	3.03	•	•	
50 x 50 x 5	3.87	•	•	
20 x 20 x 6	1.41	•		
30 x 30 x 6	2.58	•		
40 x 40 x 6	3.56	•		
50 x 50 x 6	4.55	•	•	
65 x 65 x 6	6.07	•		
75 x 75 x 6	7.03	•	•	
100 x 100 x 6	9.50	•		•

• Denotes Normal Stock Range
Other sizes available on indent

Finish Hot rolled, annealed and pickled
Length 6m

WOVEN WIRE MESH

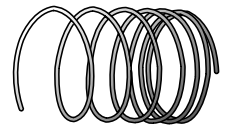


No. of Strands per 25.4mm of Wire (both ways)	Wire Diameter mm	Width m	Hole Size mm	Approx % of Open Space	Microns	T304
2 x 2	1.63	1	11.07	76	8,000	•
3 x 3	1.22	1	7.24	73	5,600	•
4 x 4	1.12	1	5.23	68	4,000	•
6 x 6	0.81	1	3.43	66	2,800	•
8 x 8	0.64	1	2.57	65	2,000	•
10 x 10	0.58	1	1.95	59	1,680	•
12 x 12	0.53	1	1.58	57	1,400	•
14 x 14	0.46	1	1.35	55	1,200	•
16 x 16	0.46	1	1.13	51	1,000	•
18 x 18	0.41	1	0.996	50	850	•
20 x 20	0.38	1	0.894	50	840	•
30 x 30	0.31	1	0.531	39	500	•
40 x 40	0.224	1	0.410	42	420	•
50 x 50	0.193	1	0.315	38	300	•
60 x 60	0.183	1	0.2313	32	250	•
80 x 80	0.142	1	0.1752	30	210	•
100 x 100	0.102	1	0.1524	36	150	•
120 x 120	0.080	1	0.1295	38	125	•
150 x 150	0.060	1	0.1000	36	105	•
200 x 200	0.051	1	0.0760	36	75	•

• Denotes Normal Stock Range
Other sizes available on indent

Finish Annealed
Length 30m Rolls. Cut to length across width only
Microns British test sieve apertures

WIRE - Soft Temper



Diameter mm	SWG	Weight kg/m	m/kg	T304
4.811	6	0.148	6.76	•
4.064	8	0.103	9.71	•
3.251	10	0.066	15.15	•
2.642	12	0.043	23.26	•
2.032	14	0.026	38.46	•
1.626	16	0.016	62.50	•
1.219	18	0.009	111.11	•
0.914	20	0.005	200.00	•
0.711	22	0.003	333.33	•

WIRE - Hard Temper

Diameter mm	SWG	Weight kg/m	m/kg	T304
4.064	8	0.103	9.71	•
3.251	10	0.066	15.15	•
2.642	12	0.043	23.26	•
2.032	14	0.026	38.46	•
1.626	16	0.016	62.50	•
1.219	18	0.009	111.11	•
0.914	20	0.005	200.00	•
0.711	22	0.003	333.33	•

• Denotes Normal Stock Range
Other sizes available on indent

Finish Drawn, bright
Length All tempers available in approx. 25kg coils.
Ask your Mico Metals team about smaller quantities