Stainless Steel Hollow Bar

O.D mm	I.D mm	Dimensions after rough machining				Average weight Kg/m
		Chucked True to the O.D.		Chucked true to the I.D		
		Max O.D. mm	Min I.D mm	Max O.D. mm	Min I.D mm	
32	20	31.0	22.0	30.0	21.0	4.23
	16	31.0	18.0	30.0	17.0	5.11
36	25	35.0	27.0	34.0	26.0	4.58
	20	35.0	22.0	34.0	21.0	5.96
	16	35.0	18.5	33.5	17.0	6.84
40	28	39.0	30.0	38.0	29.0	5.63
	25	39.0	27.0	38.0	26.0	6.51
	20	39.0	22.5	37.5	21.0	7.89
45	32	44.0	34.0	43.0	33.0	6.75
	28	44.0	30.0	42.5	29.0	8.23
	20	44.0	22.5	42.5	21.0	10.6
50	36	49.0	38.0	48.0	37.0	8.08
	32	49.0	34.5	47.5	33.0	9.75
	25	49.0	27.5	47.5	26.0	12.2
56	40	55.0	42.0	54.0	41.0	10.3
	36	55.0	38.1	53.9	37.0	12.1
	28	55.0	30.5	53.5	29.0	15.3
63	50	62.0	52.0	61.0	51.0	10.0
	40	62.0	42.5	60.5	41.0	15.6
	36	62.0	38.5	60.5	37.0	17.5
	32	62.0	34.5	60.5	33.0	19.1
71	56	69.5	58.0	69.0	57.0	13.0
	45	69.5	47.5	68.5	46.0	19.8
	40	69.5	42.5	68.5	41.0	22.4
	36	69.5	38.5	68.5	37.0	24.1
75	40	73.5	42.5	72.0	41.0	26.2
80	63	78.5	65.5	77.5	64.0	16.5
	50	78.5	52.5	77.0	51.0	25.5
	45	78.5	47.5	77.0	46.0	28.5
	40	78.5	43.0	77.0	41.0	31.1
85	45	83.5	48.0	82.0	46.0	33.7
90	71	88.6	73.1	87.6	72.1	20.8
	63	88.6	65.3	87.3	64.0	27.1
	56	88.6	58.5	87.1	57.0	32.3
	50	88.6	52.6	87.0	51.0	36.1
95	50	93.5	52.7	91.8	51.0	42.1
100	80	98.5	82.3	97.4	81.2	24.4
	71	98.5	73.4	97.2	72.1	32.7
	63	98.5	65.5	97.0	54.0	39.2
	56	98.5	58.7	96.8	57.0	42.3
106	80	104.0	82.5	103.0	81.5	32.5
	71	104.0	73.5	103.1	72.1	40.6
	63	104.0	66.0	102.5	64.0	47.4
	56	104.0	59.0	102.5	57.0	52.5

Stainless Steel Hollow Bar

O.D mm	I.D mm	Dimensions after rough machining				Average weight Kg/m
		Chucked True to the O.D.		Chucked true to the I.D		
		Max O.D. mm	Min I.D mm	Max O.D. mm	Min I.D mm	
112	90	110.0	93.0	109.0	91.5	30.4
	80	110.0	83.0	108.5	81.5	40.8
	71	110.0	74.0	108.5	72.5	49.2
	63	110.0	66.0	108.0	64.0	55.8
118	90	116.0	93.0	114.5	91.5	39.2
	80	116.0	83.0	114.5	81.5	49.7
	71	116.0	74.0	114.0	72.5	57.9
	63	116.0	66.0	114.0	64.0	64.6
125	100	123.0	103.0	121.9	101.5	38.4
	90	123.0	93.0	121.5	91.5	49.8
	80	123.0	83.0	121.4	81.5	60.5
	71	123.0	74.0	121.2	72.1	68.5
132	106	130.0	109.0	128.8	107.6	42.0
	90	130.0	93.0	128.4	91.5	61.1
	80	130.0	83.1	128.0	81.2	71.5
	71	130.0	74.2	127.9	72.1	79.7
140	112	137.5	115.0	136.5	113.7	48.2
	100	137.5	103.5	136.0	101.5	63.3
	90	137.5	93.5	136.0	91.5	74.9
	80	137.5	88.3	135.5	81.5	85.2
150	125	147.5	128.5	146.5	127.0	47.8
	106	147.5	109.5	146.0	107.6	74.2
	95	147.5	98.5	145.5	96.5	87.7
	80	147.5	84.0	145.5	81.5	103.3
160	132	157.5	135.5	156.3	134.0	56.2
	122	157.5	125.5	156.0	123.8	71.6
	112	157.5	115.5	155.8	113.7	85.8

Stainless Steel
Round Bars
ASME/ASTM SA/A276 up to 150mm
ASME/ASTM SA/A 182 from 155mm and bigger

Size (mm)	Grade	Finish	Mass (kg per m)
6.00	304	Smooth	0.227
6.00	316	Smooth	0.227
8.00	304	Smooth	0.404
8.00	316	Smooth	0.404
10.00	304	Smooth	0.631
10.00	316	Smooth	0.631
12.00	304	Smooth	0.91
12.00	316	Smooth	0.91
13.00	304	Smooth	1.07
13.00	316	Smooth	1.07
14.00	304	Smooth	1.24
14.00	316	Smooth	1.24
16.00	304	Smooth	1.62
16.00	316	Smooth	1.62
20.00	304	Smooth	2.52
20.00	316	Smooth	2.52
22.00	304	Smooth	3.05
22.00	316	Smooth	3.05
24.00	304	Smooth	3.63
24.00	316	Smooth	3.63
25.00	304	Smooth	3.94
25.00	316	Smooth	3.94
26.00	304	Smooth	4.26
26.00	316	Smooth	4.26
28.00	304	Smooth	4.94
28.00	316	Smooth	4.94
30.00	304	Smooth	5.68
30.00	316	Smooth	5.68
32.00	304	Smooth	6.46
32.00	316	Smooth	6.46
35.00	304	Smooth	7.73
35.00	316	Smooth	7.73
38.00	304	Smooth	9.11
38.00	316	Smooth	9.11
40.00	304	Smooth	10.09
40.00	316	Smooth	10.09
45.00	304	Smooth	12.77
45.00	316	Smooth	12.77
50.00	304	Smooth	15.78
50.00	316	Smooth	15.78
55.00	304	Smooth	19.09
55.00	316	Smooth	19.09
60.00	304	Smooth	22.72
60.00	316	Smooth	22.72
65.00	304	Smooth	26.66
65.00	316	Smooth	26.66
70.00	304	Smooth	30.92
70.00	316	Smooth	30.92
75.00	304	Smooth	35.49
75.00	316	Smooth	35.49
80.00	304	Smooth	40.38

Size (mm)	Grade	Finish	Mass (kg per m)
80.00	316	Smooth	40.38
85.00	304	Smooth	45.59
85.00	316	Smooth	45.59
90.00	304/L	Smooth	51.11
90.00	316/L	Smooth	51.11
95.00	304/L	Smooth	56.95
95.00	316/L	Smooth	56.95
100.00	304/L	Smooth	63.10
100.00	316/L	Smooth	63.10
110.00	304/L	Smooth	76.35
110.00	316/L	Smooth	76.35
115.00	304/L	Turned	83.45
115.00	316/L	Turned	83.45
120.00	304/L	Turned	90.86
120.00	316/L	Turned	90.86
125.00	304/L	Turned	98.59
125.00	316/L	Turned	98.59
130.00	304/L	Turned	106.64
130.00	316/L	Turned	106.64
140.00	304/L	Turned	123.68
140.00	316/L	Turned	123.68
150.00	304/L	Turned	141.98
150.00	316/L	Turned	141.98
165.00	304/L	Turned	171.39
165.00	316/L	Turned	171.39
185.00	304/L	Turned	215.96
185.00	316/L	Turned	215.96
200.00	304/L	Turned	252.40
200.00	316/L	Turned	252.40
210.00	304/L	Turned	278.27
210.00	316/L	Turned	278.27
230.00	304/L	Turned	333.80
230.00	316/L	Turned	333.80
250.00	304/L	Turned	394.38
250.00	316/L	Turned	394.38
285.00	304/L	Turned	512.53
285.00	316/L	Turned	512.53
310.00	304/L	Turned	606.39
310.00	316/L	Turned	606.39
330.00	304/L	Turned	687.16
330.00	316/L	Turned	687.16
350.00	304/L	Turned	772.98
350.00	316/L	Turned	772.98
380.00	316/L	Turned	911.16
450.00	304/L	Turned	1277.78
450.00	316/L	Turned	1277.78