

TUBE & PIPING

STAINLESS STEEL HOLLOW BAR

Hot finished, fully softened and descaled in manufacturing lengths.

Standard Tolerances: O.D. + 2% - 0

I.D. Up to 50mm + 0 - 1mm, Over 50mm + 0 - 2%

● MILL STOCK ● U.K. STOCK

OD(mm)	ID(mm)	304/L	316/L	316Ti	Lengths Metres	OD(mm)	ID(mm)	304/L	316/L	316Ti	Lengths Metres
56	28	●	●	●	3-3.90	118	90	●	●	●	3-6.43
56	36	●	●	●	3-.64	125	71	●	●	●	2.60-3.58
56	40	●	●	●	3-6.00	125	90	●	●	●	3-5.02
63	32	●	●	●	2.70-3.59	125	100	●	●	●	3-6.00
63	40	●	●	●	3-5.70	132	71	●	●	●	2.10-3.07
63	50	●	●	●	3-6.00	132	90	●	●	●	3-6.30
71	36	●	●	●	2.30-3.22	132	106	●	●	●	3-5.47
71	45	●	●	●	3-5.07	140	80	●	●	●	3-4.06
71	56	●	●	●	3-6.00	140	100	●	●	●	3-6.00
75	40	●	●	●	2.60-3.47	140	112	●	●	●	3-4.67
80	40	●	●	●	3-4.67	150	80	●	●	●	2.40-3.35
80	50	●	●	●	3-7.05	150	95	●	●	●	3-4.45
80	63	●	●	●	3-7.00	150	106	●	●	●	3-5.10
85	45	●	●	●	3-4.87	150	125	●	●	●	3-7.22
85	55	●	●	●	3-7.16	160	112	●	●	●	3-4.30
90	50	●	●	●	3-4.95	160	132	●	●	●	3-5.86
90	63	●	●	●	3-7.00	170	118	●	●	●	2.80-3.67
90	71	●	●	●	3-6.00	170	140	●	●	●	3-4.93
95	50	●	●	●	3-4.28	180	125	●	●	●	3-4.14
100	56	●	●	●	3-4.45	180	140	●	●	●	3-4.97
100	63	●	●	●	3-4.92	180	150	●	●	●	3-4.37
100	71	●	●	●	3-7.30	190	132	●	●	●	2.70-3.64
100	80	●	●	●	3-6.00	190	150	●	●	●	3-4.48
106	56	●	●	●	2.80-3.78	190	160	●	●	●	3-5.24
106	63	●	●	●	3-4.10	200	140	●	●	●	2.30-3.21
106	71	●	●	●	3-5.95	200	150	●	●	●	2.60-3.54
106	80	●	●	●	3-6.00	200	160	●	●	●	3-3.95
112	63	●	●	●	2.60-3.51	212	130	●	●	●	1.60-2.49
112	71	●	●	●	3.26-5.05	212	170	●	●	●	2.50-3.43
112	80	●	●	●	3-6.51	224	140	●	●	●	1.30-2.17
112	90	●	●	●	3-6.00	224	180	●	●	●	2-3.00
118	63	●	●	●	2-3.03	236	150	●	●	●	1-1.91
118	80	●	●	●	3-5.30	236	190	●	●	●	1.70-2.51
						250	200	●	●	●	1.20-2.04

Grades	AISI	AISI	AISI
	304/304L	A600	1.4306
	316/316L	A200	1.4404
	316Ti	A300	1.4571

Standard Conditions: Hot finished.

Other grades/sizes can be produced to order or from mill stock.

Multiple cutting is available upon request.

TUBE & PIPING

ASTM STANDARDS AND TOLERANCES (Latest Edition)

Standard Specification for Seamless Stainless Steel Mechanical Tubing and Hollow Bar

Designation: A511/A511M – Latest Edition

Tolerances: A511/A511M

TABLE 8 Permissible Variations in Minimum Outside Diameter and Maximum Inside Diameter
(Cold-Finished and Hot-Finished Round Hollow Bar)

Minimum Outside Diameter (D) in. [mm]	Tolerance on Outside Diameter in. [mm]		Maximum Inside Diameter (d) in. [mm]	Tolerance on Inside Diameter in. [mm]	
	Over	Under		Over	Under
$D < 2$ [50]	0.04 [1]	0.00 [0]	$d < 2$ [50]	0.00 [0]	0.04 [1]
$D \geq 2$ [50]	$0.02 D^A$	0.00 [0]	$d < 2$ [50]	0.00 [0]	0.04 [1]
$D \geq 2$ [50]	$0.02 D^A$	0.00 [0]	$d \geq 2$ [50]	0.00 [0]	$0.02 d^B$

^A Calculate value: $2\% \times \text{Specified Minimum Outside Diameter}$

^B Calculate value: $2\% \times \text{Specified Maximum Inside Diameter}$

Our UK facility is accredited with ISO certifications 9001, 14001, 18001 and AS9120, so you can be rest assured that the services provided are of the highest quality.

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