

**DIMENSIONAL TOLERANCES FOR STAINLESS STEEL BARS**

FLAT BAR ( to ASTM A276 / A484M )

Width ( mm )	3.2mm to 13mm	< 13mm to 25mm	< 25mm to 50mm	Width Tolerance
< 25mm	+ 0.008 - 0.008	+ 0.010 - 0.010		+ 0.015 - 0.015
25mm to 50mm	+ 0.012 - 0.012	+ 0.015 - 0.015	+ 0.031 - 0.031	+ 0.031 - 0.031
< 50mm to 100mm	+ 0.015 - 0.015	+ 0.020 - 0.020	+ 0.031 - 0.031	+ 0.062 - 0.031
< 100mm to 150mm	+ 0.016 - 0.016	+ 0.020 - 0.020	+ 0.031 - 0.031	+ 0.093 - 0.062

HRAP ANGLE BAR ( to ASTM A276 / A484M )

Length of Leg	Leg Tolerance	Thickness Tolerance
20mm - 50mm	+ 1.0 / - 1.0	+ 0.5 / - 0.5
55mm - 100mm	+ 1.5 / - 1.5	+0.75 / - 0.75
110mm - 150mm	+ 2.0 / - 2.0	+ 1.0 / - 1.0

ROUND BAR COLD DRAWN

Tolerance ( + 0 / - t )

Dia ( mm )	H8	H9	H10	H11
5 < 6	0.018	0.030	0.048	0.075
6 < 10	0.022	0.036	0.058	0.090
10 < 18	0.027	0.043	0.070	0.110
18 < 30	0.033	0.052	0.084	0.130
30 < 50	0.039	0.062	0.100	0.160
50 < 80	0.046	0.074	0.120	0.190
80 < 115			0.140	0.220
115 < 120				0.220
120 < 180				0.250
180 < 250				0.290
250 < 315				0.320