

TOLERANCES
ALUMINUM ROD & BAR

Diameter Inches	Tolerance Inches	Specified Thickness, or Width, In.	Thickness Tolerance Inches	Width Tolerance Inches
COLD FINISHED ROD		COLD FINISHED FLAT		
0.125 - 0.500	± 0.0015	.065 - .500	± .002	± .002
0.501 - 1.000	± 0.0020	.501 - 1.00	± .0025	± .0025
1.001 - 1.500	± 0.0025	1.001 - 1.500	± .003	± .003
1.501 - 2.000	± 0.0040	1.501 - 2.000	± .005	± .005
2.001 - 3.000	± 0.0060	2.001 - 3.000	± .008	± .008
3.001 - 3.499	± 0.0080	3.001 - 4.000	± .010	± .010
3.500 - 5.000	± 0.0120	4.001 - 6.000	± .015	± .020
5.001 - 8.250	± 0.016	EXT. SQUARES/ FLATS THICKNESS/WIDTH TOLERANCES		
EXTRUDED ROD/6061		Specified	Widths	
Under .125	± .006	Thickness, or	Thru	Widths
.125 - .249	± .007	Width, In.	9.99	10.00 - 13.99
.250 - .499	± .008			
.500 - .749	± .009	Under .125	± .006	± .014
.750 - .999	± .010	.125 - .249	± .007	± .015
1.000 - 1.499	± .012	.250 - .499	± .008	± .016
1.500 - 1.999	± .014	.500 - .749	± .009	± .017
2.000 - 3.999	± .024	.750 - .999	± .010	± .018
4.000 - 5.999	± .034	1.0 - 1.49	± .012	± .019
6.000 - 7.999	± .044	1.5 - 1.99	± .014	± .024
8.000 - 9.999	± .064	2.0 - 3.99	± .024	± .034
10.000 - 11.999	± .074	4.0 - 5.99	± .034	± .044
12.000 - 13.999	± .084	6.0 - 7.99	± .044	± .054
		8.0 - 9.99	± .054	± .064
		10.0 - 11.99	—	± .074
		12.0 - 13.99	—	± .084