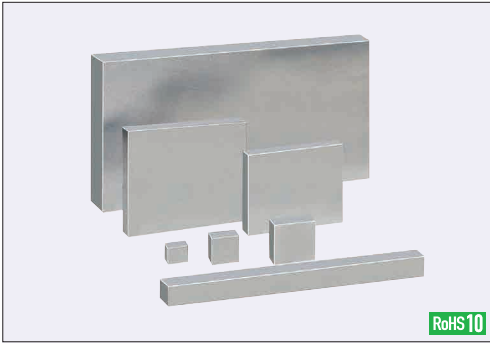
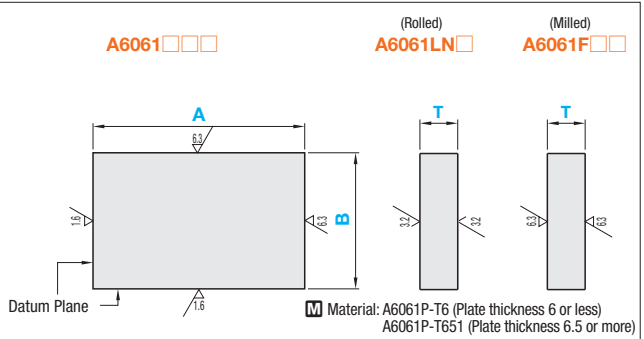


# Configurable Plates - Aluminum

A6061P (Al-Mg-Si Aluminum Alloy)



RoHS10



Type	Upper-Lower Surface Finish	① Plate Thickness Tolerance	② A, B Dimension Tolerance	0.5mm Increment		T Selectable/Configurable
				A	B	
A6061	L (Rolled)	N	P Q N M	25~500	10~300	5, 6, 8, 10, 12, 15, 20, 25, 30, 35, 40, 45, 50
	F (Milled)	P Q N M	P Q N M	25~500	10~300	5~50 (0.5mm Increment)

### ① Plate Thickness Tolerance

Upper-Lower Surface Finish	T Dimension									
	5	6	8, 10	12	15	20	25	30, 35	40	45, 50
L (Rolled)	±0.25	±0.28	±0.48	±0.64	±0.7	±0.8	±0.9	±1.0	±1.1	±1.3

Available for N only

Upper-Lower Surface Finish	P	Q	N	M
F (Milled)	+0.1~+0.3	0~0.2	±0.1	-0.2~0

### ② A, B Dimension Tolerance

Upper-Lower Surface Finish	A, B Dimension	P	Q	N	M
L (Rolled)	250mm or Less	+0.1~+0.3	0~+0.2	±0.1	-0.2~0
F (Milled)	250.5mm or More	+0.1~+0.6	0~+0.5	±0.25	-0.5~0

### Precision Standards

Item	Upper-Lower Surface Finish (Max. Value)	
	L (Rolled)	F (Milled)
Thickness Parallelism (per 100mm)	T5~ 6.5	0.05
	T7~ 12.5	
	T13~ 15.5	
	T16~ 20.5	
	T21~ 50	
Flatness (per 100mm)	T5~ 8.5	0.15
	T9~ 12.5	0.13
	T13~ 20.5	0.12
	T21~ 50	0.1
Perpendicularity of Datum Plane	0.015 per 100mm	
Circumference Chamfering	C0.3 or Less	



Ordering Example



Alterations

Part Number - A - B - T - (CSC, CCB, CCA... etc.)  
A6061LNM - 300 - 280 - 20 - CSC

Alterations	Circumference Chamfering		Corner Cut
	Code	CSC	CBC
Spec.	Reduce the circumference chamfering dimension. Standard C0.3 or Less → C0.1 or Less	Increase the circumference chamfering dimension. Standard C0.2 - 0.5 → C0.5 - C0.1	Cuts any corners. 1 ≤ Corner Cut ≤ 50: 1mm Increment $C_s = \frac{A}{2}, \frac{B}{2}$ [Ordering Code] (Ex.) When the corners of A and D are cut by C5, → CCA5-CCD5