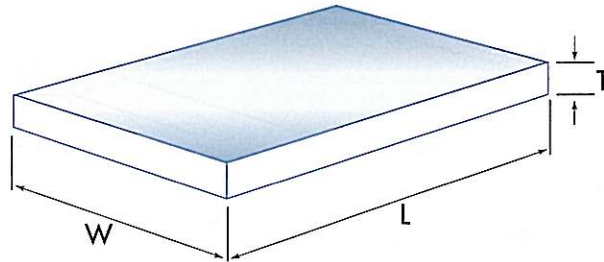


MIC-6 Precision Machined Cast Aluminium Plate



Mechanical Properties

Tensile Strength	Yield Strength	Percent of Elongation	Brinell	Coefficient of thermal expansion (average)	
				68 to 212°F (20 to 100°C)	68 to 392°F (20 to 200°C)
Typical 24 ksi/ 166 MPa	Typical 15 ksi/ 105 MPa	3%	65	13.1x10 ⁻⁶ in/in°F 23.6x10 ⁻⁶ m/m K	13.6x10 ⁻⁶ in/in°F 24.5x10 ⁻⁶ m/m K

Thermal conductivity	Electrical conductivity IACS	Modulus of Elasticity psi
0.34 cal/cm s°C 142W/m K 82 Btu/ft h°F	36%	10.3x10 ⁶ / 71,000 MPa

Thickness (T)	Width (W)	Length (L)
1/4 "	5 ft	12 ft
5/16 "	5 ft	12 ft
3/8 "	5 ft	12 ft
1/2 "	5 ft	12 ft
5/8 "	5 ft	12 ft
3/4 "	5 ft	12 ft
7/8 "	5 ft	12 ft
1 "	5 ft	12 ft
1.1/4 "	5 ft	12 ft
1.1/2 "	5 ft	12 ft
1.3/4 "	5 ft	12 ft
2 "	5 ft	12 ft