



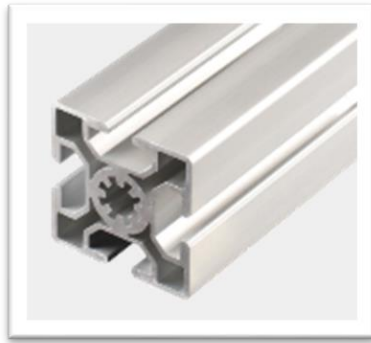
T Slot Aluminum Extrusion Frame Supplier



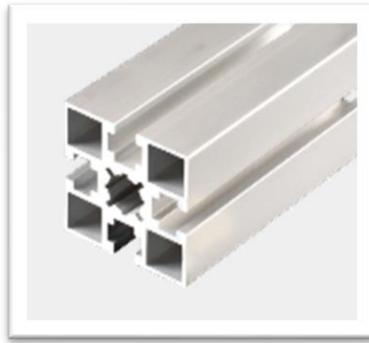
50 Series T-Slot Aluminum Extrusion Profile



W-8-5050



W-10-5050



W-8-5050A



W-10-5050B



W-8-5050D



W-8-5050F



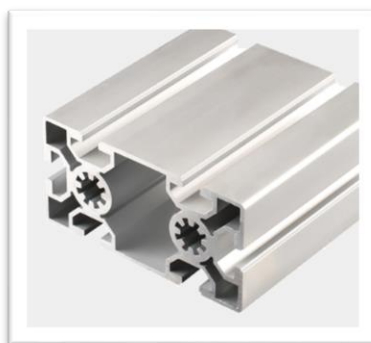
W-8-5050H



W-8-5050V



W-8-5050W



W-8-50100



W-10-50100



W-8-50100A



W-10-50100B

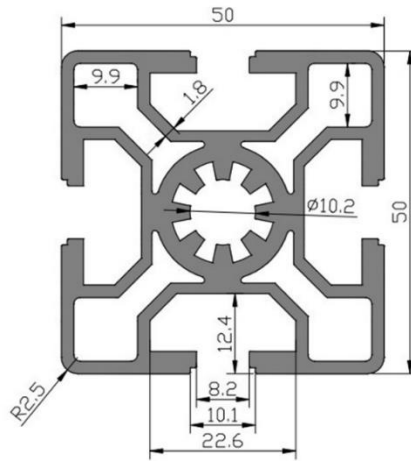


W-8-50100W



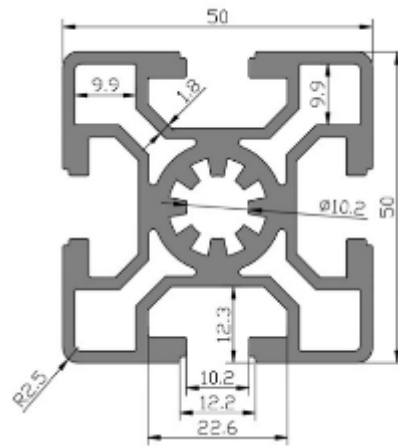
W-8-5050

Profile: 50x50
 Material Aluminium (6063-T5)
 Weight: 2.95kg/m
 Length: 6.01m
 Mass of Inertia: Ix: 48.6cm⁴ Iy: 20.2cm⁴
 Section Modulus: Zx: 14.60cm³ Zy: 7.30cm³



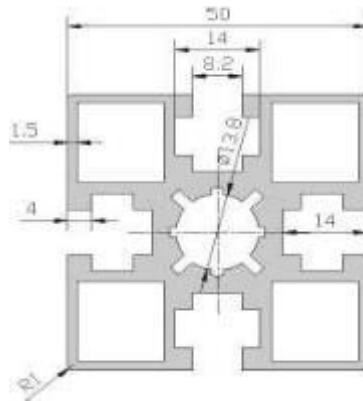
W-10-5050

Profile: 50x50
 Material Aluminium (6063-T5)
 Weight: 2.95kg/m
 Length: 6.01m
 Mass of Inertia: Ix: 48.6cm⁴ Iy: 20.2cm⁴
 Section Modulus: Zx: 14.60cm³ Zy: 7.30cm³



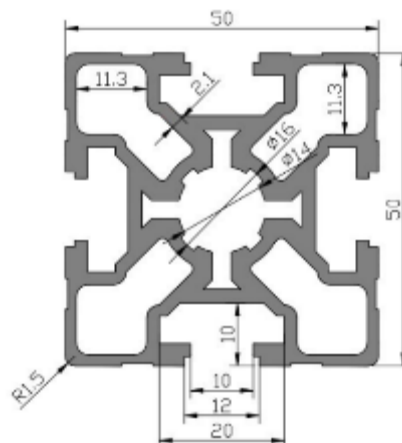
W-8-5050A

Profile: 50x50A
 Material Aluminium (6063-T5)
 Weight: 2.85kg/m
 Length: 6.01m
 Mass of Inertia: Ix: 112.10cm⁴ Iy: 29.70cm⁴
 Section Modulus: Zx: 24.60cm³ Zy: 12.30cm³



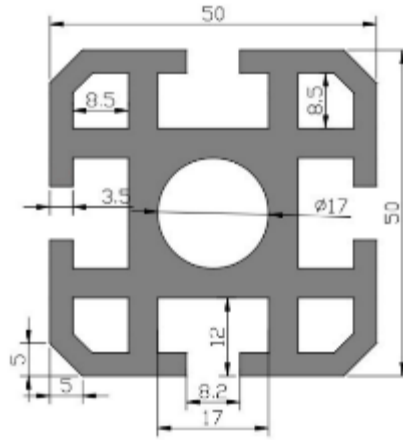
W-10-5050B

Profile: 50x50B
 Material Aluminium (6063-T5)
 Weight: 3.1kg/m
 Length: 6.01m
 Mass of Inertia: Ix: 18.61cm⁴ Iy: 18.61cm⁴
 Section Modulus: Zx: 7.44cm³ Zy: 7.44cm³



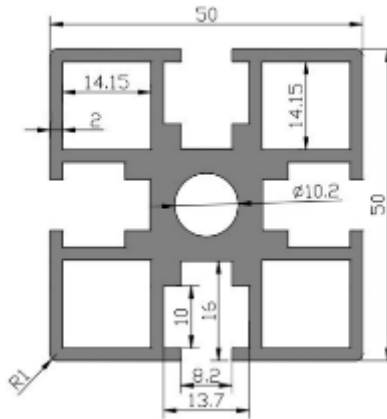
W-8-5050D

Profile: 50x50D
 Material Aluminium (6063-T5)
 Weight:4.2kg/m
 Length: 6.01m
 Mass of Inertia: Ix:28.32cm⁴ Iy:28.32cm⁴
 Section Modulus: Zx:11.33cm³ Zy:11.33cm³



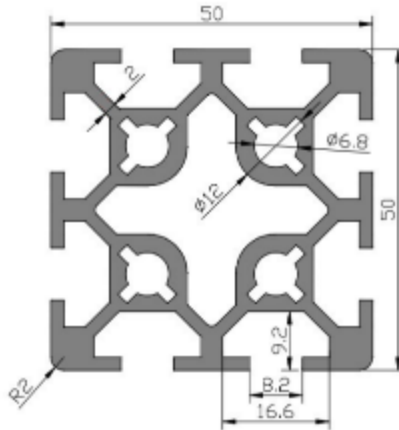
W-8-5050F

Profile: 50x50F
 Material Aluminium (6063-T5)
 Weight:2.9kg/m
 Length: 6.01m
 Mass of Inertia: Ix:18.05cm⁴ Iy:18.05cm⁴
 Section Modulus: Zx:7.22cm³ Zy:7.22cm³



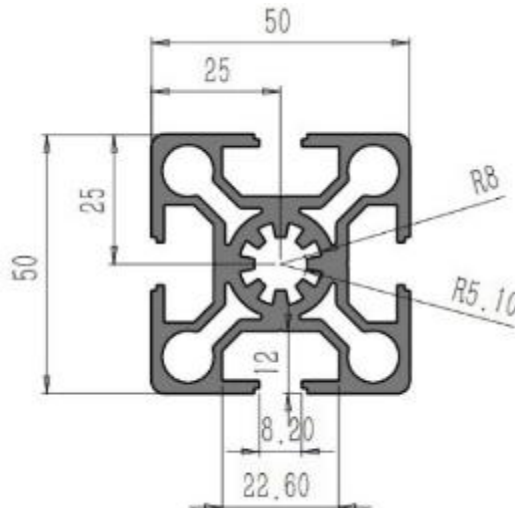
W-8-5050H

Profile: 50x50H
 Material Aluminium (6063-T5)
 Weight:2.8kg/m
 Length: 6.01m
 Mass of Inertia: Ix:21.34cm⁴ Iy:21.34cm⁴
 Section Modulus: Zx:8.54cm³ Zy:8.54cm³



W-8-5050V

Profile: 50x50V
 Material Aluminium (6063-T5)
 Weight:3.1kg/m
 Length: 6.01m
 Mass of Inertia: Ix:21.65cm⁴ Iy:21.65cm⁴
 Section Modulus: Zx:8.66cm³ Zy:8.66cm³



Chemical Composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other	
									Single	Total
6063	0.20~0.60	≤0.35	≤0.10	≤0.10	0.45~0.90	≤0.10	≤0.10	≤0.10	≤0.05	≤0.15
6063A	0.30~0.60	0.15~0.35	≤0.10	≤0.15	0.60~0.90	≤0.05	≤0.15	≤0.10	≤0.05	≤0.15
6061	0.40~0.80	0.7	0.15~0.40	≤0.15	0.80~1.20	0.04~0.35	0.25	0.15	0.05	0.15
6082	0.70~1.30	0.5	0.1	0.4~1.0	0.6~1.2	0.25	0.2	0.1	0.05	0.15

Main Performance

Item			Unit	Performance Data				
Alloy and State				6063T5	6063T6	6063AT5	6061T6	6082T6
			Not Less Than					
Tensile strength			Mp	160	205	200	265	310
Non proportional			Mp	110	180	160	245	260
Elongation			%	8	8	5	8	10
Hardness(Vickers)			HW	8	/	10	/	/
Anodizing	Oxide film	Grade	μm	Average film thickness		Local film thickness		
		AA10		≥ 10	≥ 8			
		AA15		≥ 15	≥ 12			
		AA20		≥ 20	≥ 16			
		AA25		≥ 25	≥ 20			
	Closure quality		Mg/dm ²	30				
electrophoresis	composite membrane	A	μm	≥ 21				
		B		≥ 16				
	Film Hardness		H	≥ 2				
	adhesion			0				
Powder spraying	Coating thickness		μm	Max film thickness ≤ 120		Min film thickness ≥ 40		
	Indentation hardness			≥ 80				
	adhesion			0				