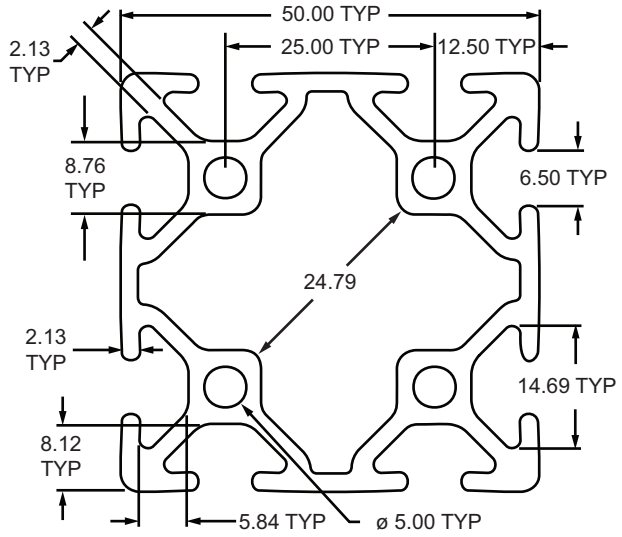
25-5050 Profile

25-5050 is a 50mm x 50mm metric 25 series square T-slot profile with eight open T-slots, two on each 50mm face. The profile is smooth, which makes it resistant to dirt and debris buildup while also being easy to clean. The 25-5050 profile is compatible with 25 series fasteners and has a center cavity that can be pressurized up to 1.034 N/mm^2 (150 psi). The eight open T-slots, strength, and ability to pressurize this profile make it a great choice for automation applications, machine frames and workstations.



Part No.	Series	Stock Length	Material	Alloy**	Finish	Drop Lock	Moment of Inertia	Surface Area	Yield Strength	Modulus of Elasticity	Weight
25-5050 *	25	4 or 6 Meter	Aluminum	6105-T5	Clear Anodize	2°	IX = 21.1231 cm^4 IY = 21.1231 cm^4	7.487 cm^2	241.1 N / mm^2	70,326.5 N / mm^2	2.0239 kg / m
25-5050-Black *		4 Meter			Black Anodize						
25-5050-Black-FB		per millimeter			Black Anodize						

* The above profiles are sold per millimeter or stock length.

** Or comparable

Standard Machining Services

Service No.	Series	Service Description	Reference Page
25-7012	25	Cut to Length	859
25-7051	25	Access Hole	863
25-7042	25	Anchor Counterbore	865
25-7067	25	Tap Profile End	862