

Optomechanics



Mounting Basics

Modular Structures: Construction Techniques

Optical Rails

Mirror Mounts

Lens Mounts

Filter Mounts

Rotation Post Mounted

Adapters

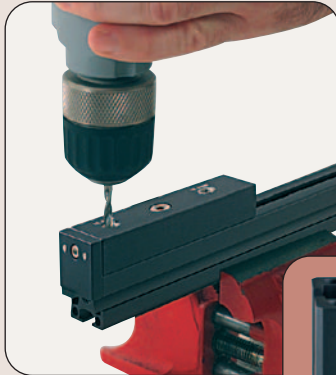
V-Mounts

Apertures & Iris Diaphragms

Lens Tubes

Cage Systems

STEP 1: Drill Side Holes



Side Hole provides access to lock two rails together at 90°.



STEP 2: Tap Center Hole



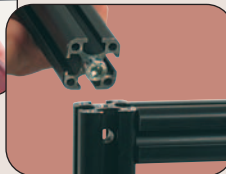
The center hole already in the rail can be tapped without the need for drilling.



STEP 3: Assemble Joint



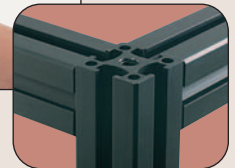
The Channel Screw threads into the end of the rail.



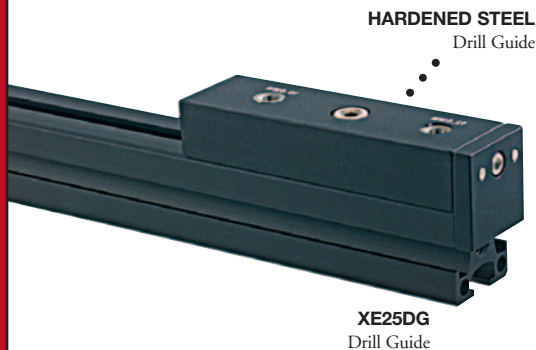
STEP 4: Lock Rail in Place



Using a hex wrench, the channel screw is tightened to secure the joint.



XE25 Structure



Build Rigid Structures with a Hand-Drill and these Tools!

T119873
Ø4.60mm Drill fast spiral for best performance

SH6M10LP/SH25LP38
Box of 100 pcs
1/4"-20 (M6) x 10mm Screws

71498
Tap: M6-1.0

TW25
Tap Wrench

Tap Guide
XE25TG

71598
Tap 1/4"-20

ITEM#	METRIC ITEM#	\$	£	€	¥	SIZE
XE25DG*	XE25DG*	\$ 78.00	£ 58.50	€ 81,90	¥ 13,260	XE25 4.60mm Drill Guide
SH25LP38	SH6M10LP	\$ 21.00	£ 15.75	€ 22,05	¥ 3,570	Low Profile 1/4"-20(M6) Channel Screws(box of 100)
T119873*	T119873*	\$ 16.00	£ 12.00	€ 16,80	¥ 2,720	Ø4.60mm Drill Bit
71598	71498	\$ 26.00	£ 19.50	€ 27,30	¥ 4,420	1/4"-20(M6) Tap
TW25*	TW25*	\$ 47.00	£ 35.25	€ 49,35	¥ 7,990	Tap Wrench
XE25TG*	XE25TG*	\$ 65.00	£ 48.75	€ 68,25	¥ 11,050	Tap Guide

*Universal design-Imperial and Metric compatible

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