

# [Standard] Dovetail Slide, Rack & Pinion Long

Other Information about Stages  
 Stage Selection Table P.1639, P.1640  
 New Products P.1641  
 About Standard Stages P.1642  
 Overview, Technical Information P.1643, P.1644

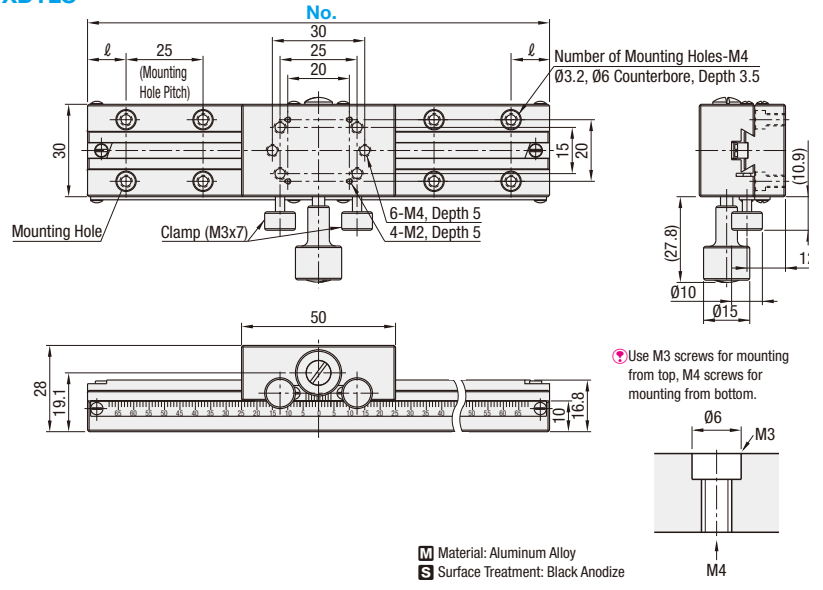
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Feature: Economically priced long stroke Rack & Pinion stages. Existing Products: XLWG, ZLWG (P.1669, 1703)

X-Axis



XDTLS



M Material: Aluminum Alloy  
 S Surface Treatment: Black Anodize

RoHS 10

X-Axis Stages High Precision Stage Existing Product: XLWG (P.1669)

Part Number Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Knob Rotation (mm)	Number of Mounting Holes (Qty.)	l	Load Capacity (N)		Travel Accuracy Straightness	Weight (kg)	Unit Price 1~4 pc(s).	
							Horizontal	Vertical				
XDTLS	80	30x50	±30	16.7	6	15	29.4	14.7	50µm	0.15		
	100		±40		8							0.18
	150		±65		12							0.23
	200		±90		16							0.30

Resolution (Vernier Scale Indication): 0.1 mm/division

Knob Cover HDCVR15 (Sold Separately): Ø15 knobs can be increased in diameter by installing the cover. P.1666

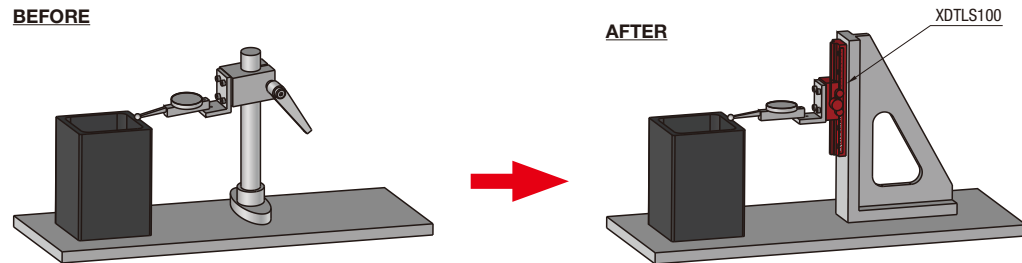
For orders larger than indicated quantity, please request a quotation.

Ordering Example Part Number XDTLS100

Days to Ship

Configure Online

Example Parallelism Inspection Unit

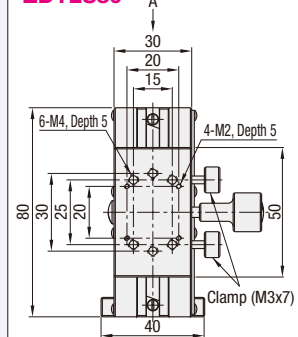


Increased Adjustment Accuracy: Fine adjustment of the dial indicator tip can be achieved quantitatively, not with experience.  
 Improved Safety: Installing a dial indicator onto the stage prevents from falling.

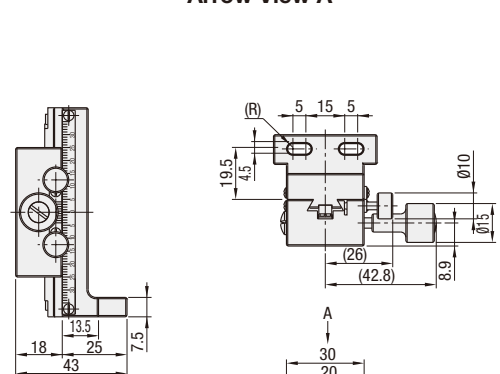
Z-Axis



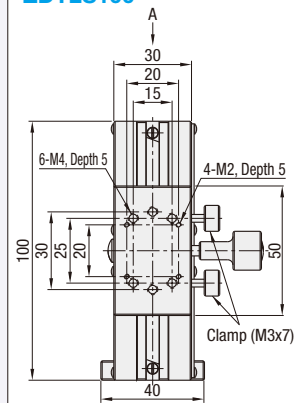
ZDTLS80



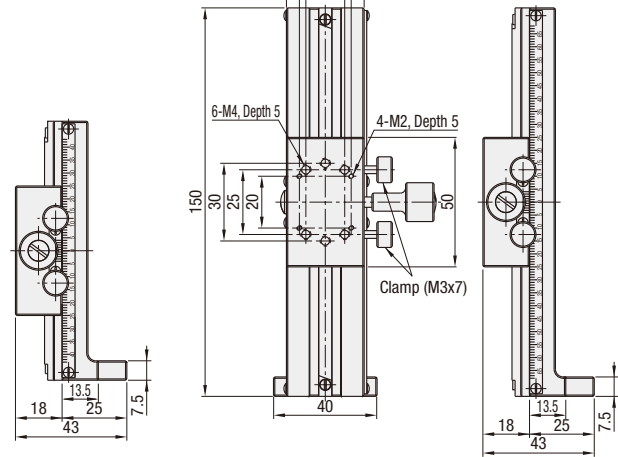
Arrow View A



ZDTLS100



ZDTLS150



M Material: Aluminum Alloy  
 S Surface Treatment: Black Anodize

RoHS 10

Z-Axis Stages High Precision Stage Existing Product: ZLWG (P.1703)

Part Number Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Knob Rotation (mm)	Load Capacity (N)	Travel Accuracy Straightness	Weight (kg)	Unit Price 1~4 pc(s).
	100	±35	0.19					
	150	±65	0.24					

Resolution (Vernier Scale Indication): 0.1 mm/division

Knob Cover HDCVR15 (Sold Separately): Ø15 knobs can be increased in diameter by installing the cover. P.1666

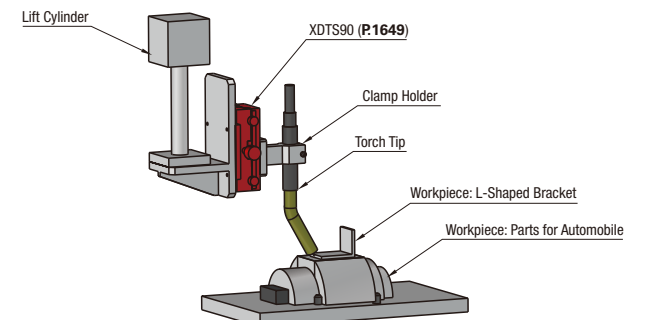
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Ordering Example Part Number ZDTLS100

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Example Welding Head Tip Adjustment Unit



Secure Repeatability: Adjustment by a stage not by a clamp holder secures repeatability preventing misalignment of the torch.