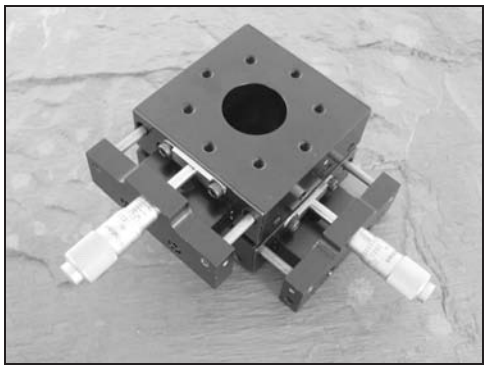
MACR SERIES

SMI heavy duty cross roller stages are made from the same stringent, state-of-the-art manufacturing process as our ball slide positioning stages (MAC series). Ideal for applications that require higher load capacity and accuracy. Spring loaded micrometer drive allows precise repeatable positioning with low friction and zero backlash. Positioning stages can be stacked for multi-axis applications. Interchangeable with many popular sizes including metric. Custom-made cross roller positioning stages available.



MACR SERIES SPECIFICATIONS

Straight Line Accuracy:
0.0001" / inch of travel

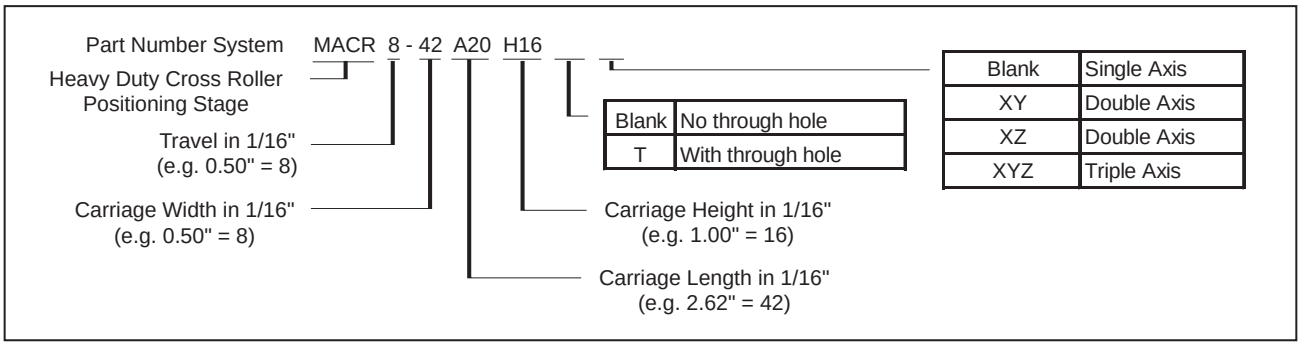
Positional Repeatability:
0.0001"

Coefficient of Friction:
0.003 typical

Drive:
Micrometer 0.001" graduations, 0.01mm graduations optional.

Construction:
Aluminum carriage and base, hardened steel rods and rollers, mild steel end caps.

Finish:
Black anodized



MOTION COMPONENTS