

4" Travel, 6"L x 1.69"W Ball Bearing Slide



Linear Motion Ball Bearing Slides



Stock **#37-365** [CONTACT US](#)

-

1

+

€398^{.00}

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Volume Pricing	
Qty 1+	€398,00 each
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Product Downloads

General

Type:

English

Physical & Mechanical Properties

Type of Movement:

Linear (X)

Guide System:

Ball Bearing	
66.5 x 152.4	Stage Size (mm):
	Travel (inches):
4	
Construction: Aluminum Top and Base/440C Stainless Steel Bearings	
Height (inches):	
1.00	
Load Capacity, Normal (lbs):	
123	
S.H.C.S. C'bore:	
(4) 1/4-20 on Base	

Stage Size (inches):	
2.62 x 6.00	
Straight Line Accuracy (inches):	
0.00008 per inch of travel	

Weight (lbs):	
1.4	

Hardware & Interface Connectivity

Type of Drive:	
Manual	

Threading & Mounting

Mounting Threads:	
(10) 10-32 on Top	

Regulatory Compliance

RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	

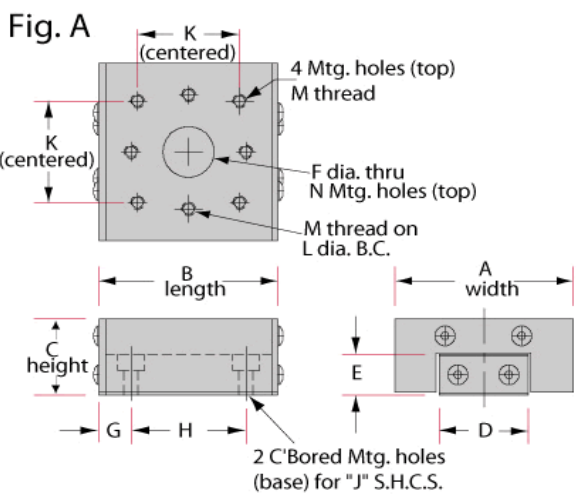
Product Details

- High Straight Line Accuracy
- Low Wear, Low Friction Sliding Motion
- Preloaded to Eliminate Wobble and Unwanted Play

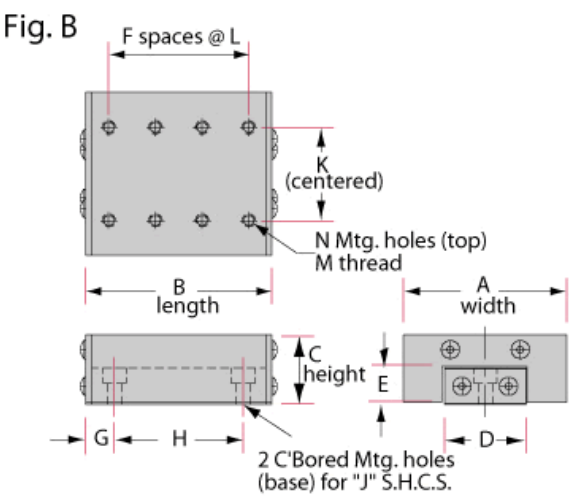
Linear Motion Ball Bearing Slides are mechanically simple linear motion devices comprised of a stationary base with a mobile carriage riding on top. One row of hardened steel balls on each side of the base provides the accurate, low-friction sliding motion between the stationary base and the top slide. Each row of bearings is contained between two hardened, precision steel rods. Linear Motion Ball Bearing Slides are preloaded to eliminate wobble and unwanted play in the system. Ball slides are functionally much more reliable than dovetail slides since there is no direct sliding contact between the top and bottom pieces. The slides also eliminate the rapid wear problems, regular lubrication requirements, and the skipping/jumping (caused by the increased force needed to initiate movement) that are characteristic of dovetail assemblies.

Technical Information

Dimensions (Inches)							Base Mounting Holes			Top Mounting Holes				Stock No.
Fig.	A	B	C	D	E	F	G	H	J	K	L	M	N	
B	0.59	1.12	0.32	0.24	0.24	1	0.19	0.75	#2	0.218	0.63	2-56	4	#53-849
B	0.59	2.12	0.32	0.24	0.24	1	0.37	1.38	#2	0.218	1.63	2-56	4	#53-850
B	1.00	1.68	0.50	0.36	0.36	1	0.22	1.25	#4	0.438	1.25	6-32	4	#53-853
A	2.62	2.62	1.00	1.48	0.61	-	0.31	2.00	#1/4	-	2.00	10-32	8	#37-356
B	1.75	3.00	0.75	0.88	0.40	5.00	0.31	2.38	#6	1.000	0.50	6-32	12	#37-361



Units: Inches



Units: Inches

Type	A	B	C	D	E	F	G	Stock No.
Figure A	4"	0.69"	0.5"	6	-	-	-	#37-363
Figure A	5"	1.19"	1"					#37-364
Figure A	6"	1.69"	0.5"	10	1			#37-365
Figure B	9"	2"	3.5"	3	3	1.5"	8	#37-366
Figure B	12"		5"		5	1"	12	#37-367
Figure B	15"	4"	3.25"	5	6	1.5"	14	#37-368
Figure B	18"		4"		8	1"	18	#37-369

