3M89 Medium Duty Slide -Push-Open

Specifications

- **Length:** 250mm to 700mm (10" to 28")
- **Profile:** 45mm x 12.7mm
- **Travel:** Full Extension
- **Side Space:** 13.0mm (+0.5mm-0mm)
- **Height:** 45mm (1.80")
- **Max. Loading:** 45 kg (100 lb)/pair
- **Mount:** Side Mount
- **Disconnect:** Lever Disconnect
- **Finish:** Clear Zinc or Black
- **Material:** Cold Rolled Steel
- **Packing:** Unit Packed in 10 pairs/carton
  Bulk Packed in
  40 pcs/carton for cabinet member
  100 pcs/carton for drawer member

Features

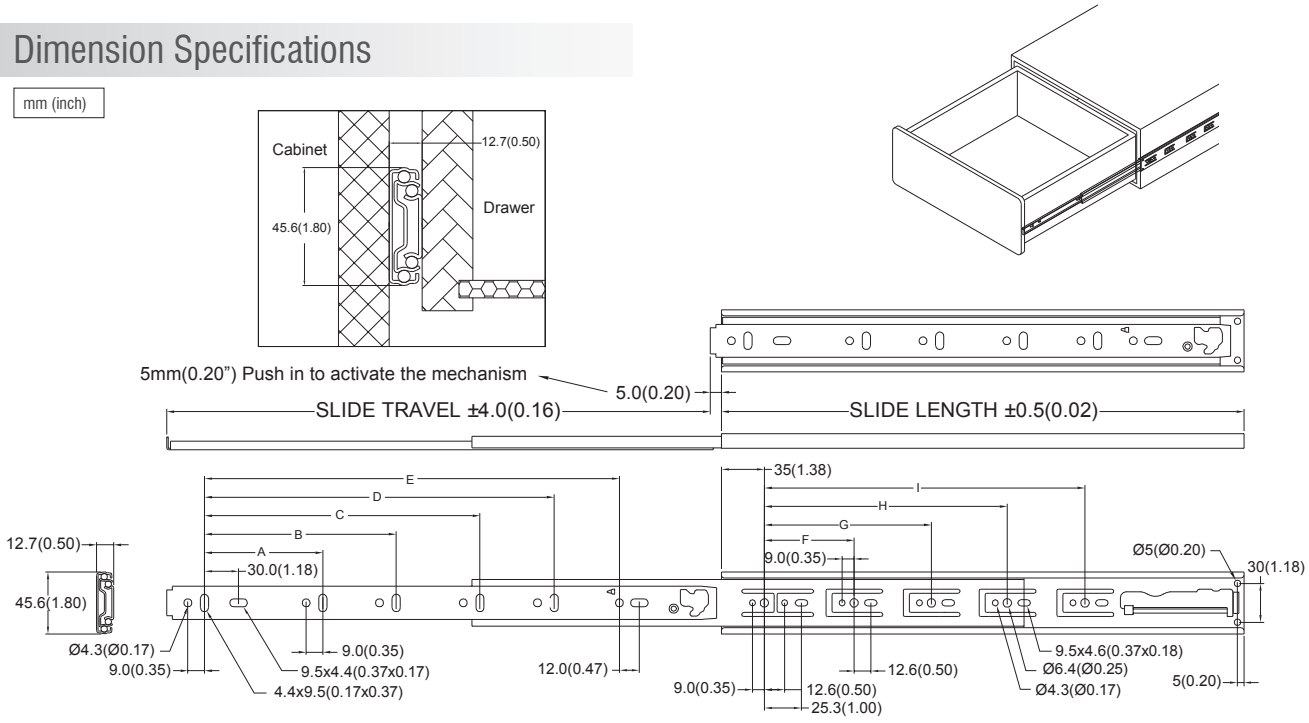
- Push-Open, Handle-Free
- Dual design allows for traditional pull-open preventing damages caused by improper installation and usage
- Ultra smooth with high rigidity and stability design
- 50,000 life cycles guaranteed under proper installation and normal usage

Applications

- Medical Equipment, Industrial Work Stations, Office Furniture, Kitchen Furniture, Home Cabinets and Box Drawers

Dimension Specifications

mm (inch)



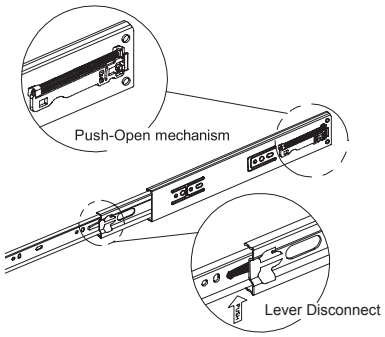
Note: Holes other than those shown may be in the slide member at King Slide's option and may change without notice.

Item No.	Slide Length mm (inch)	Slide Travel mm (inch)	Loading Capacity kg (lb) / pair	HOLES POSITION mm (inch)								
				A	B	C	D	E	F	G	H	I
3M89-250	250.0 (9.84)	225.7 (8.88)	22.7 (50.0)	—	—	—	—	161.0 (6.34)	—	—	—	96.0 (3.78)
3M89-300	300.0 (11.81)	300.7 (11.84)	27.3 (60.0)	128.0 (5.04)	—	—	—	211.0 (8.31)	—	—	—	128.0 (5.04)
3M89-350	350.0 (13.78)	350.7 (13.81)	34.1 (75.0)	128.0 (5.04)	—	—	—	261.0 (10.28)	128.0 (5.04)	—	—	192.0 (7.56)
3M89-400	400.0 (15.75)	400.7 (15.78)	40.9 (90.0)	128.0 (5.04)	—	—	—	311.0 (12.24)	128.0 (5.04)	—	—	224.0 (8.82)
3M89-450	450.0 (17.72)	450.7 (17.74)	45.4 (100.0)	128.0 (5.04)	320.0 (12.60)	—	—	361.0 (14.21)	128.0 (5.04)	—	—	288.0 (11.34)
3M89-500	500.0 (19.69)	500.7 (19.71)	45.4 (100.0)	128.0 (5.04)	224.0 (8.82)	320.0 (12.60)	—	411.0 (16.18)	128.0 (5.04)	224.0 (8.82)	—	320.0 (12.60)
3M89-550	550.0 (21.65)	550.7 (21.68)	45.4 (100.0)	128.0 (5.04)	224.0 (8.82)	416.0 (16.38)	—	461.0 (18.14)	128.0 (5.04)	224.0 (8.82)	—	384.0 (15.12)
3M89-600	600.0 (23.62)	600.7 (23.65)	38.6 (85.0)	128.0 (5.04)	224.0 (8.82)	416.0 (16.38)	—	511.0 (20.12)	128.0 (5.04)	224.0 (8.82)	352.0 (13.86)	448.0 (17.64)
3M89-650	650.0 (25.59)	650.7 (25.62)	31.8 (70.0)	128.0 (5.04)	224.0 (8.82)	416.0 (16.38)	544.0 (21.42)	561.0 (22.09)	128.0 (5.04)	224.0 (8.82)	352.0 (13.86)	480.0 (18.90)
3M89-700	700.0 (27.56)	700.7 (27.59)	27.2 (60.0)	128.0 (5.04)	224.0 (8.82)	416.0 (16.38)	544.0 (21.42)	611.0 (24.06)	128.0 (5.04)	224.0 (8.82)	352.0 (13.86)	544.0 (21.42)

King Slide reserves the right to alter specifications of all the products without notice. If the entity is different from the illustration, please refer to the entity.

Features

- Push-Open, Handle-Free
- Dual design allows for traditional pull open preventing damages caused by improper installation and usage
- Ultra smooth with high rigidity and stability design



Installation Instruction

1.Press the lever disconnect to separate slide members.(Fig.1)

2.Install the cabinet members as indicated in Fig2. Make sure both cabinet members are vertically and horizontally parallel.

3.Install the drawer members as indicated in Fig3. Make sure both drawer members are vertically and horizontally parallel.

4.Insert drawer members into cabinet members as indicated in Fig4. and push the drawer untill it is closed.

*If sound damper is to be used, a distance of 5mm must be reserved for push-open actuation.

*The center of front panel is suggested as the best push-open point

Fig. 1

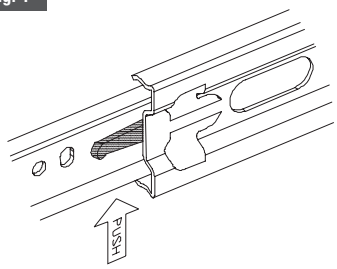
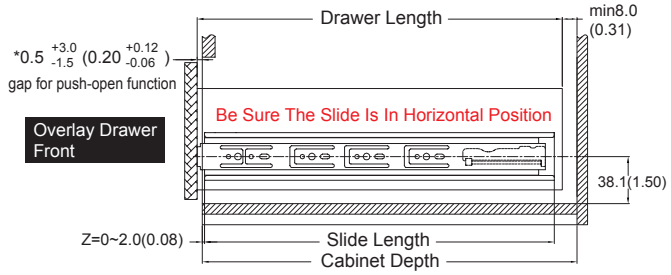
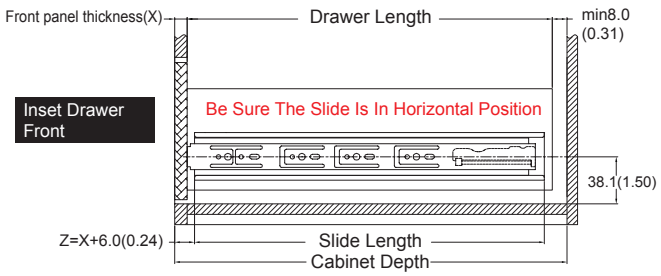


Fig. 2

Lateral Side



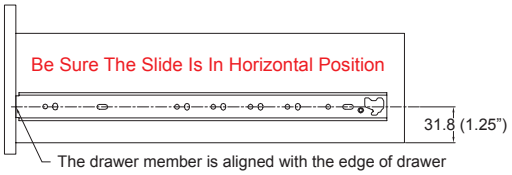
The cabinet member can be either aligned with the edge of cabinet or moved backwards 1-2mm, and the gap(Z)on both sides must be equal



Please make sure the gap(Z) on both sides must be equal

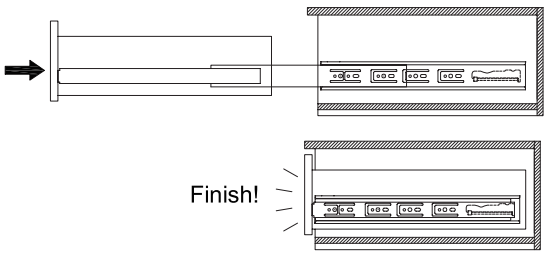
Fig. 3

Drawer member working drawing



*After using the slotted holes to align the drawer slide member vertically to the drawer, please screw any 2 round holes to keep the drawer slide member fixed with the drawer box.

Fig. 4



WARNING

When install the drawer into the cabinet, please make sure the drawer member insert to the ball retainer completely. (Fig.5)

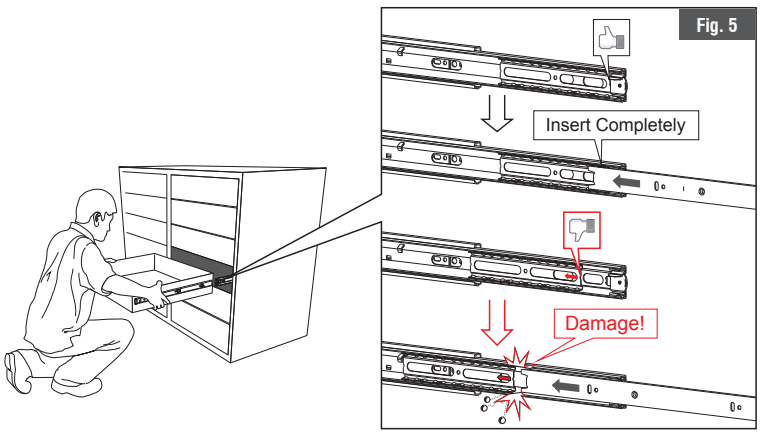


Fig. 5