



## NEW from LM76

DEFENDER Linear Rail is a no-frills, low cost, low friction roller block running in a rolled, formed rail. DEFENDER is available in stainless for applications where anti-corrosion or anti-magnetic signatures are required.

DEFENDER is available in 1 size and is commonly employed in medical/ pharmaceutical systems, packaging machinery, OR furniture, semiconductor and vacuum equipment.



# DEFENDER Linear Rail

1-800-513-3163



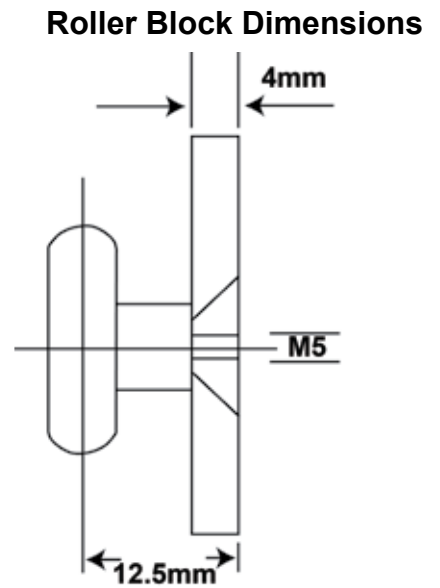
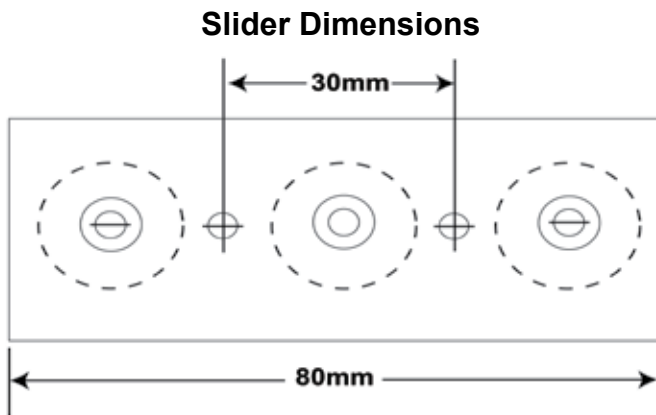
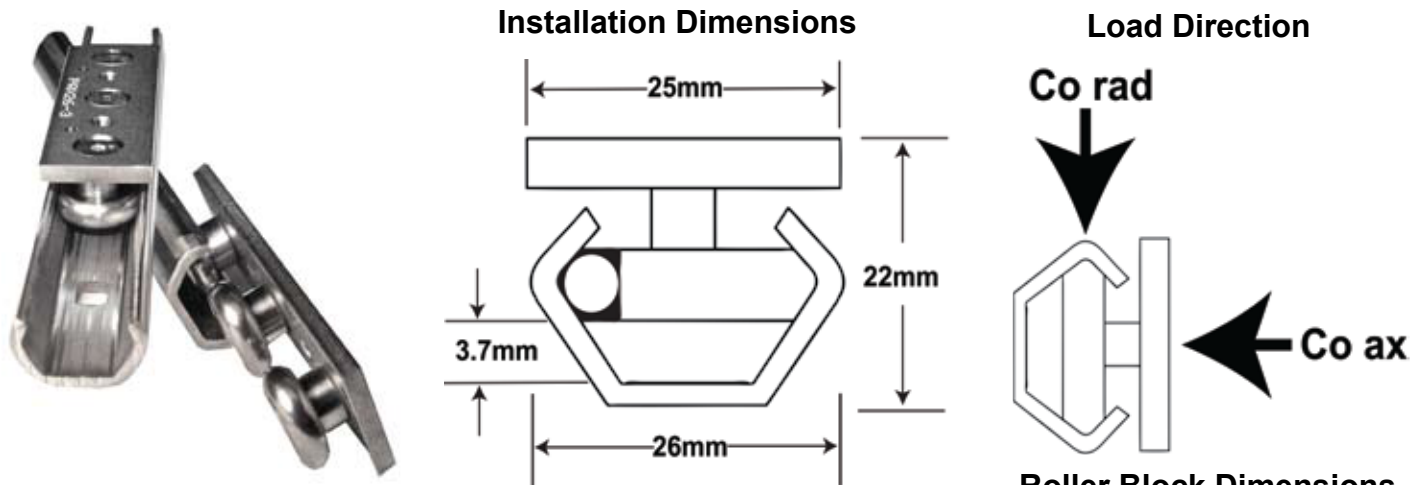
### LMX Stainless Series

- Screws are 304 SS
- Slider Body is 304 SS
- Rails are rolled, 304 stainless steel
- Rollers are hardened, 440c SS
- Rollers have 2RS seals and are lubricated for life with mineral oil for food processing applications
- Operating temp: -30° to 110°C
- Slider has adjustable eccentric center roller for easy preload and smooth, low friction, zero clearance movement.

### LMZ Zinc Plated Series

- Rails are rolled steel with bright zinc plating
  - Rollers are made from hardened bearing steel
  - Slider is bright zinc-plated steel
  - Screws bright zinc-plated steel
  - Rollers have 2Z seals and are lubricated for life with high temp mineral grease
  - Operating temp: - 40° to 130°C
  - Slider has adjustable eccentric center roller for easy preload adjustment and smooth, low friction, zero clearance movement
- Low Cost Option!**



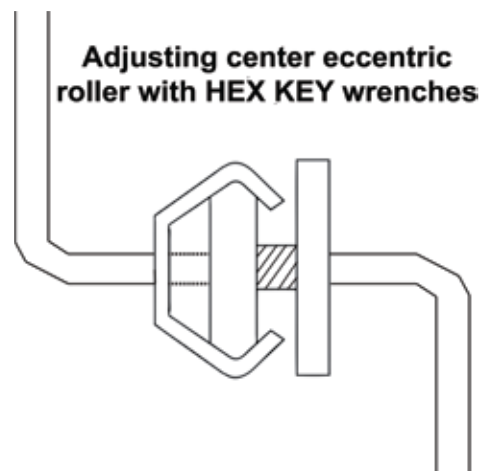


Slider Part Number	Co rad (N)	Co rad (lbs)	Co ax (N)	Co ax (lbs.)	Weight (g)
LMBX 26-3 Stainless Steel	800	179	400	89	136
LMBZ 26-3 Zinc Plated Steel	800	179	400	89	103

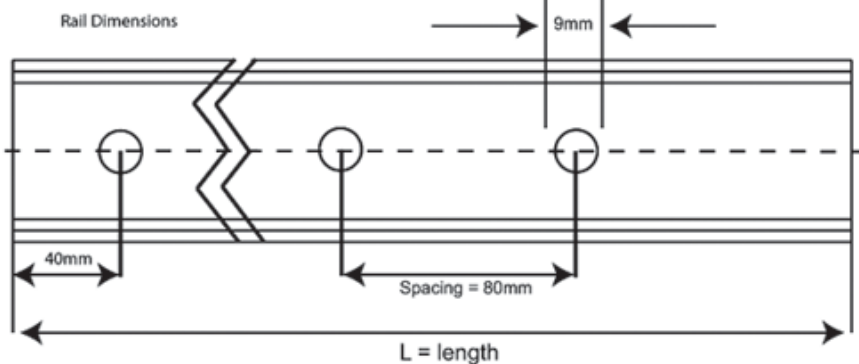
The preload adjustment is accomplished through the slider's center eccentric roller. After inserting the slider into the rail, the preload is set by adjusting the center roller against the opposite raceway using 2 Allen keys. Position 1 Allen Key through the bottom of the rail - using one of the mounting holes that are punched in the rail. Tightening Torque 7 Nm.

### Preload Instructions

Adjusting center eccentric roller with HEX KEY wrenches



### Rail Dimensions



Rail Code	Length mm			
	1040	1520	2080	3120
LMRX 26 Stainless Steel	1040	1520	2080	3120
LMRZ 26 Zinc Plated Steel	1040	1520	2080	3120

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