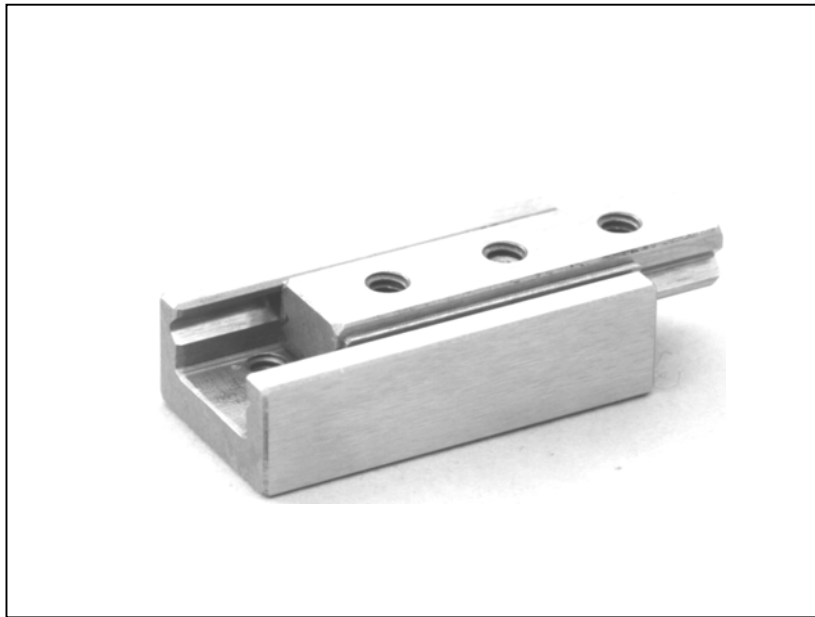


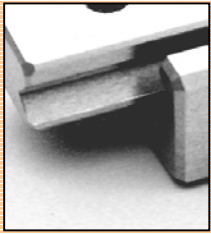


Precision Miniature Linear Slide PMM 05



Smallest in Size, Greatest in Precision

PM – BEARINGS



Precision Miniature Linear Slide PMM-05

Smallest in Size, Greatest in Precision



Bestseller in the miniature program is the stainless steel roller slide type PMM. Since the introduction, these linear slides have been successful in hundreds of applications today, where size, weight and durable precision are major concerns.

In November 2003 we introduced a new stronger cage design which enables the slide to handle higher acceleration without reducing the lifespan. Satisfied users confirmed that PMM slides are more precise and durable than any other miniature slide.

Micro dimensions

PM's innovating technology created micro slides with just 4 x7mm cross section and starting with only 2 grams in weight for size PMM 05-10.

Material

High quality stainless bearing steel No. 1.4034, through hardened 54-57HRC.

Short travel applications

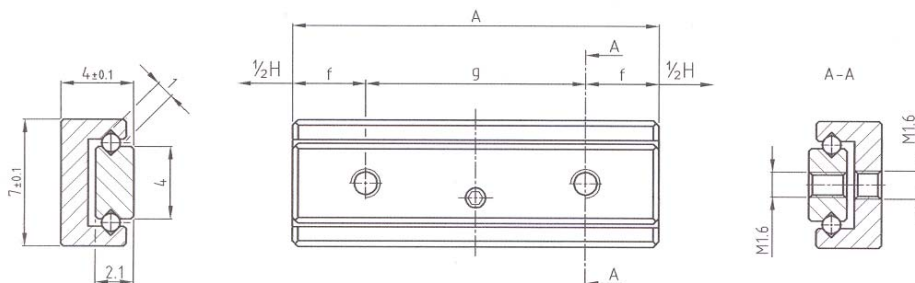
PMM 05 linear slides are factory preloaded and best suited for high speed and precise short travel applications.

For higher accelerations

Meeting the increasing demands for higher accelerations the raceways are precisely ground and special selected super finished balls are used. The new and stronger designed U-shaped cage makes the PMM-05 slides able to survive the most extreme requirements of accelerations up to 25g with an extremely smooth linear motion.

Areas of Application

- . Microassembly
- . Bio-science
- . Semiconductor (chip probing, micro-welding)
- . Automation
- . Electron microscopes
- . Photonics



CAD-data available

Dimensions (mm)	Part #			
	PMM 05-10	PMM 05-15	PMM 05-20	PMM 05-25
Travel H	5	10	15	20
A	10	15	20	25
f	2.5	3.5	4	4.5
g	1x 5	1x 8	1x 12	1x 16
Dynamic Load C	23N	27N	36N	45N
Weight (g)	2	3	4	5

Accuracy specifications are listed in the catalog Precision Slides

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