A Member of NSK Group
NSK Micro Precision

最适于低扭矩·轻量搬运机器用

高精度微型
凸轮从动件导承



提供使用本公司制高精度微型滚珠轴承 2 颗的极小径凸轮从动件导承

用途
◎小型搬运装置

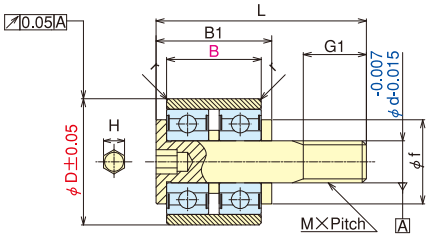
部件材质
◎轴 : SUS420
◎滚子 : SUS420
◎垫片 : SUS303
◎轴承 : SUJ2
※滚子经过淬火　参考值：硬度　HRC51

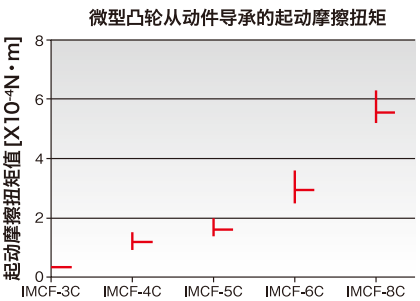
附属零件
◎不锈钢制六角螺母

特　　长

■ **摩擦扭距低**
由于使用微型滚珠轴承，所以摩擦较小。

■ **稳定性能好**
使用预先加上予压力的培林组装的滚子，比较稳定不会晃动。





应　用　例

■ **静音凸轮从动件导承**
滚子外径装有树脂，或者固定有聚氨酯橡胶。

■ **轴向凸轮丛动件导承**
在滚子上装有法兰，支持轴向荷重。

■ **高耐腐蚀凸轮丛动件导承**
滚子，轴承使用 TBN-6H 材料。

单位 : mm

型　号	φd	φD	L	B	B1	M×Pitch	G1	H	r	φf	基本额定负荷 (N)		极限转数 (rpm)
											Cr	Cor	
IMCF-3C	3	10	17	8.5	9.5	M3×0.5	5	1.5	C0.2	7	572	173	52,000
IMCF-4C	4	12	20	9	11	M4×0.7	6	2	C0.4	8	957	431	38,000
IMCF-5C	5	13	23	10	12	M5×0.8	7.5	2.5	C0.2	9	733	270	36,000
IMCF-6C	6	16	28	12	14	M6×1.0	9	3	C0.2	11	1518	742	30,000
IMCF-8C	8	19	32	12	16	M8×1.25	11	4	C0.2	14	1682	708	24,000

※如需上表以外的尺寸以及形状，请咨询。

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※鉴于内容改良的原因，可能未经通告作出变更，敬请理解。

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Best choice for low torque/weight carrier devices.

High Precision Miniature Guide Follower



ISC provides extra small size guide follower mounted with two pieces of in-house made high precision miniature ball bearing.

Recommended applications

◎Small carrier device

Parts Material

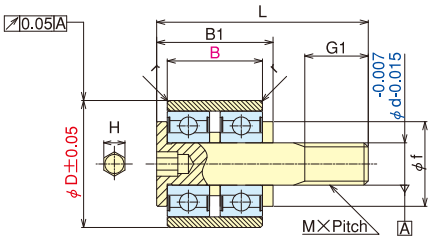
◎Shaft : SUS420　◎Spacer : SUS303
◎Roller : SUS420　◎Bearing : SUJ2
＊Heat treated on roller part　Reference Value: Hardness HRC51

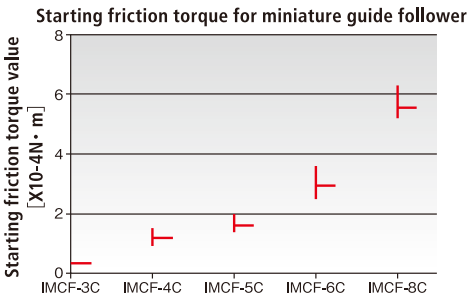
Accessory

◎Stainless steel hexagon nut

Features

- **Low friction torque**
  Extra low friction torque is achieved by using high precision miniature ball bearings.
- **No looseness**
  No looseness on roller due to the pre-loaded bearing mounting





Variations

- **Low noise guide follower**
  Either plastic or urethane rubber is attached /heat-attached.
- **Axial guide follower**
  Axial load is supported by flanged roller.
- **Anti-corrosive guide follower**
  Super high anti-corrosive material, TBN-6H is used for roller and bearings.

Unit : mm

Part Number	φd	φD	L	B	B1	M×Pitch	G1	H	r	φf	Basic load ratings (N) Cr	Basic load ratings (N) Cor	Limiting speed (rpm)
IMCF-3C	3	10	17	8.5	9.5	M3×0.5	5	1.5	C0.2	7	572	173	52,000
IMCF-4C	4	12	20	9	11	M4×0.7	6	2	C0.4	8	957	431	38,000
IMCF-5C	5	13	23	10	12	M5×0.8	7.5	2.5	C0.2	9	733	270	36,000
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IMCF-8C	8	19	32	12	16	M8×1.25	11	4	C0.2	14	1682	708	24,000

※Please consult ISC for special dimensions and form.

NSK Micro Precision Co., Ltd.

http://www.nskmicro.co.jp/english (Please visit our English site for details)

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※Contents may be revised without prior notice.

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