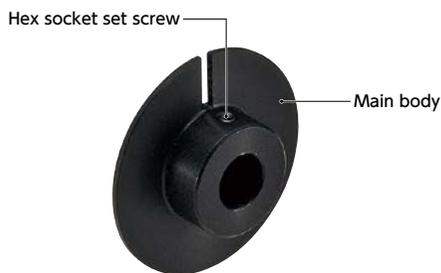


# MPF Photo Sensor Flange

## Structure

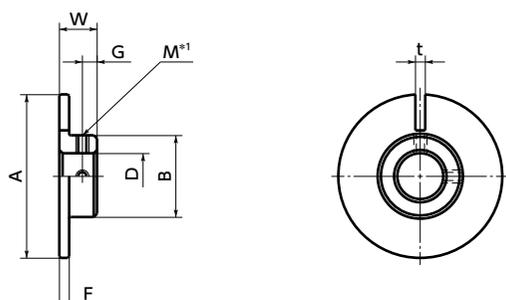


### Material/Finish

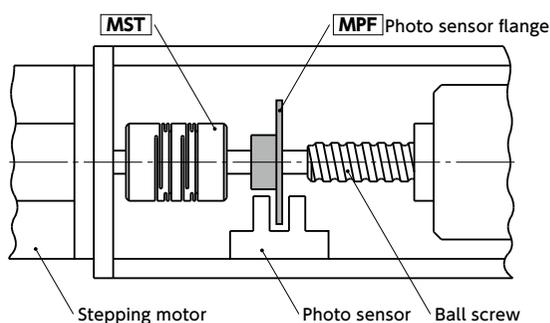


	MPF
Main Body	A2017 Anodized
Hex Socket Set Screw	SCM435 Ferrosferric Oxide Film (Black)

- Photo sensor flange for origin detection.
- Light weight and ultra small moment of inertia. High response.
- Bore - completed products. Bore diameter of  $\phi 4$  to  $\phi 15$ .



\*1: In a case where the bore diameter is  $\phi 4$  or less, the set screw is used in only one place.



- Products of special specifications including outside diameter of flange, slit width, bore diameter, material, and surface treatment can also be manufactured. Please contact our customer service.

## Dimensions

Unit : mm

Part Number	A	B	W	F	t	G	M	Moment <sup>*1</sup> of Inertia (kg·m <sup>2</sup> )	Mass <sup>*1</sup> (g)	Standard Bore Diameter (Dimensional Allowance H8)										
										D	4	5	6	6.35	8	9.525	10	12	14	15
MPF-32	32	14	8	1.5	1.5	3.5	M3	$5.1 \times 10^{-7}$	5.2	●	●	●	●	●						
MPF-40	40	20	10	1.5	2	4.5	M3	$1.4 \times 10^{-6}$	9.8	●	●	●	●	●	●	●				
MPF-50	50	25	10	1.5	2.5	4.5	M4	$3.5 \times 10^{-6}$	15			●	●	●	●	●	●	●	●	●

- \*1: These are values with max. bore diameter.
- All products are provided with hex socket set screws.
- Recommended tolerance for shaft diameters is h6 and h7.

- Part number specification

## MPF-32-8



Additional Keyway at Shaft Hole → P. xxxx
Cleanroom Wash & Packaging → P. xxxx
Change to Stainless Steel Screw → P. xxxx

Please feel free to contact us      Please feel free to contact us      Available / Add'l charge