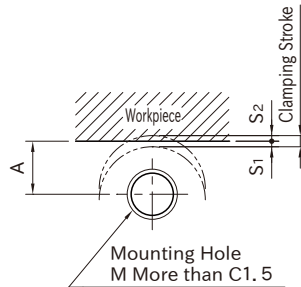
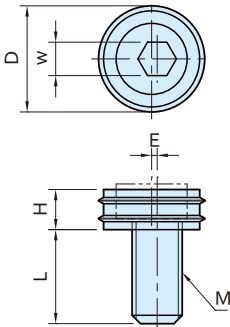


# MBRFC

# ROUND FIXTURE CLAMPS



Cam Screw	Round Washer
SCM440 steel Quenched & tempered Black oxide finished HRC38~45	SUM24L Steel Carburized-hardened Brass plated



\*) Dimension A is the recommended distance between the mounting hole and the end of the workpiece.

Part Number	A	E	S <sub>1</sub>	S <sub>2</sub>	D	H	M	L	w	Clamping Force (N)
<b>MBRFC10</b>	10.2	0.63	0.53	0.73	20.6	6.4	M10×1.5	19	7	8,800
<b>MBRFC12</b>	12.7	1	1	1	25.4	9.5	M12×1.75	23	8	17,000
<b>MBRFC16</b>	15	1.27	1.22	1.32	30.1	12.7	M16×2	28	12	26,000

Part Number	Allowable Screw Torque (N·m)	Weight (g)
<b>MBRFC10</b>	28	22
<b>MBRFC12</b>	88	40
<b>MBRFC16</b>	135	85

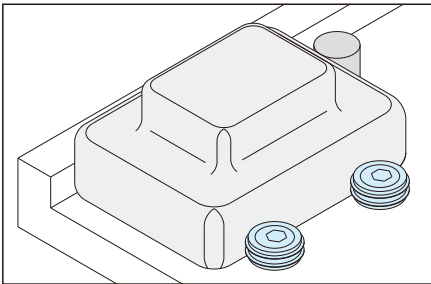
### Features:

- The eccentric cam screw provides fast and strong clamping.
- The simple design keeps cost low and the small size allows more parts per load.
- Perfect for clamping thin workpieces.
- The sharp edge of the clamping surface allows firm clamping.
- Perfect for clamping mill scale and cast workpieces.

### Notes:

- Clockwise rotation is recommended.
  - Locating pin should be on the right of workpiece.
  - The cam screw head may project from the hexagonal washer up to 3mm.
- Eusure that there are no interference with tools.

### How To Use



#### <Installation Instructions>

1. Drill and tap mounting holes as Dimension A(Recommended distance between the mounting hole and the end of the workpiece).
2. For loading workpieces, tighten the cam screw fully and then loosen it one turn.
3. Load workpieces and tighten the cam screw.

\*) Ensure that workpieces are clamped firmly before machining.