

Pneumatic magnetic gripper

- Double-acting pneumatic piston, 16mm bore, with reset spring in holding position [1].
- Suitable for handling small parts in ferromagnetic material.
- Various MFI series accessories for clamp-mounting on the outer diameter [2].
- Suitable for handling magnets [3].
- Holding point polarity: south.
- Magnetic field concentrated at the holding point [1].
- Easy centring of the handled part [4].
- Optional magnetic sensors [5].
- FDA-H1 food-grade grease.

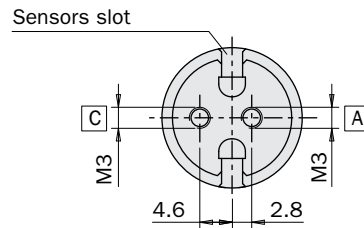
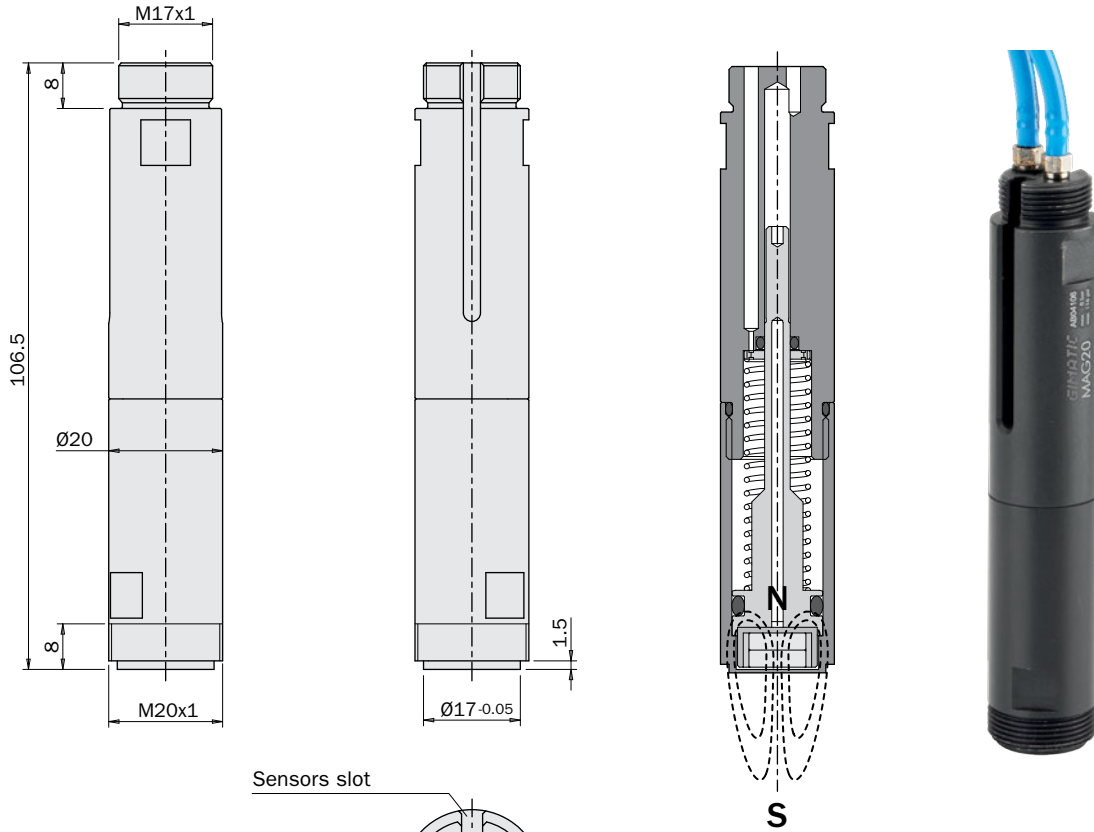


NEW

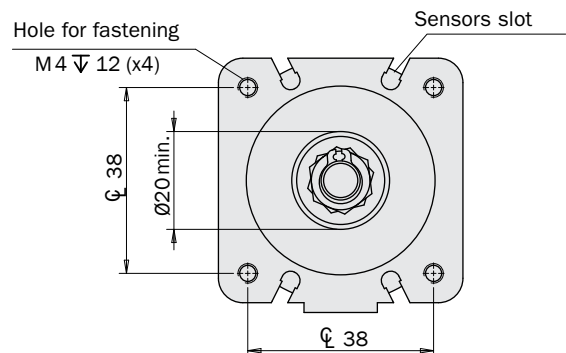
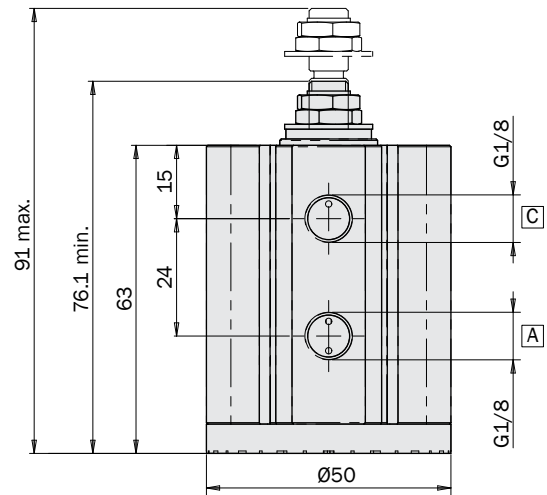
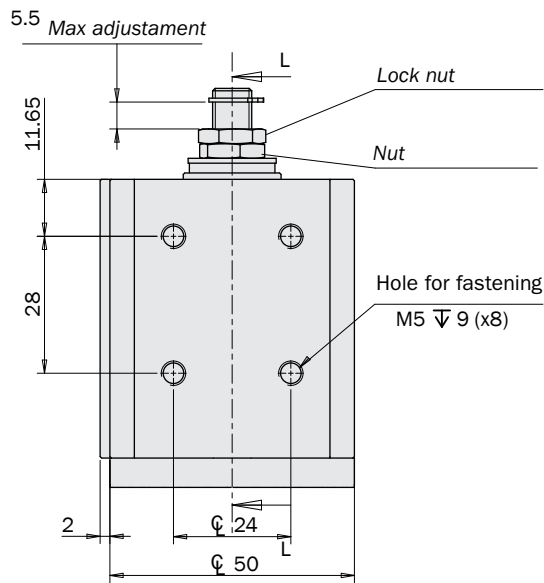
	MAG20	MAG35
Medium	Compressed air in compliance with ISO 8573-1:2010 [7:4:4]	
Pressure range	2 ÷ 8 bar	2 ÷ 6 bar
Temperature range	5 ÷ 60 °C.	
Stroke	23 mm	15 mm
Piston bore	Ø16 mm	Ø35 mm
Magnetic strength	7 N	120 N
Maximum working frequency	1.5 Hz	1 Hz
Cycle air consumption	11 cm ³	40 cm ³
Weight	72 g	400 g
Minimum actuating time	0.05 s	0.04 s

Dimensions (mm)

MAG20

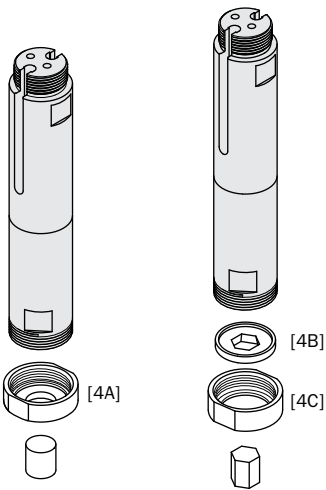
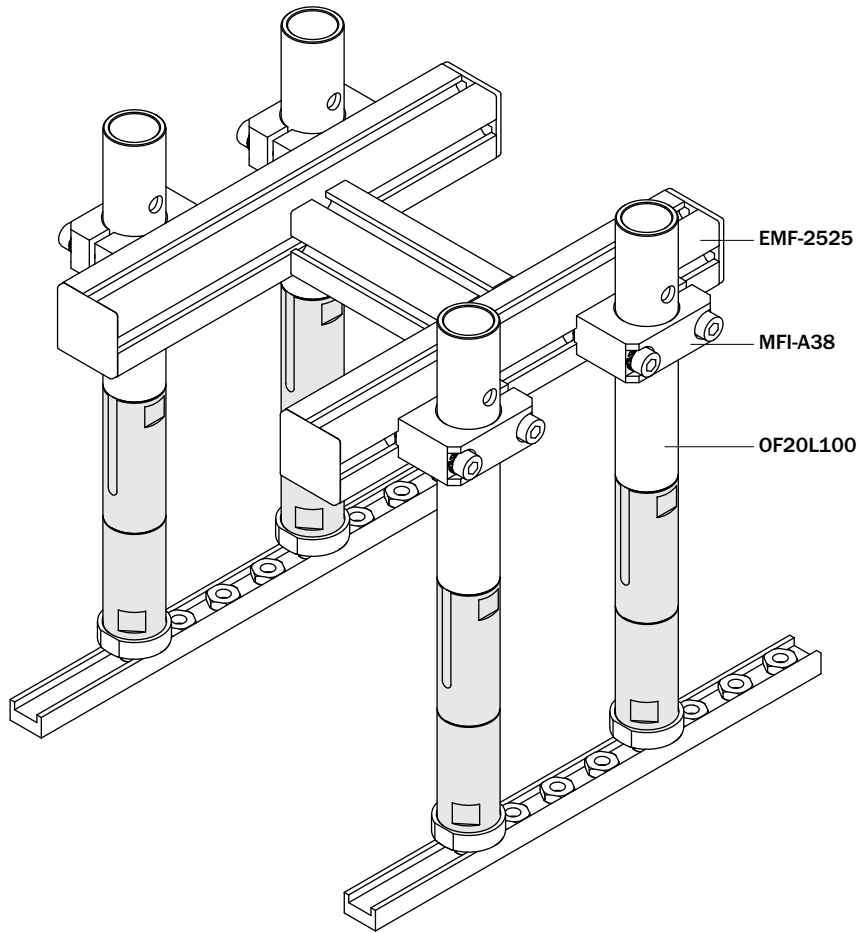


MAG35

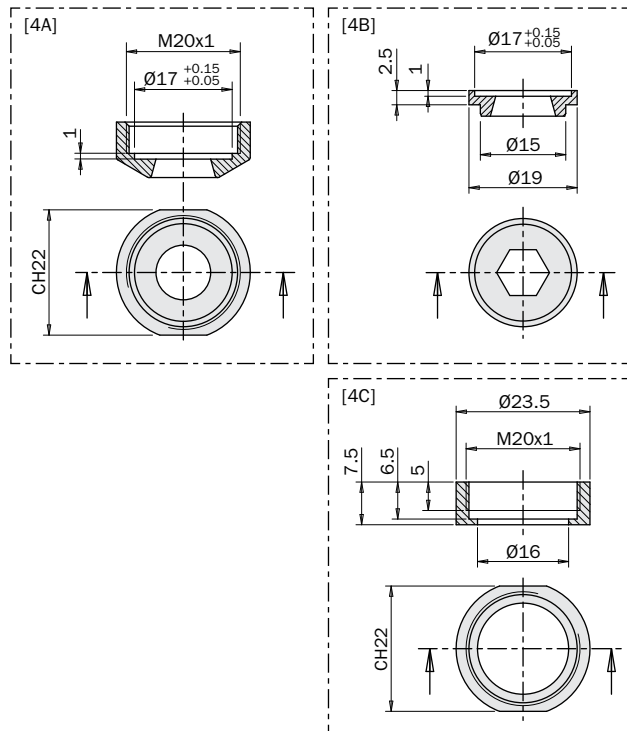


Application examples

MAG20

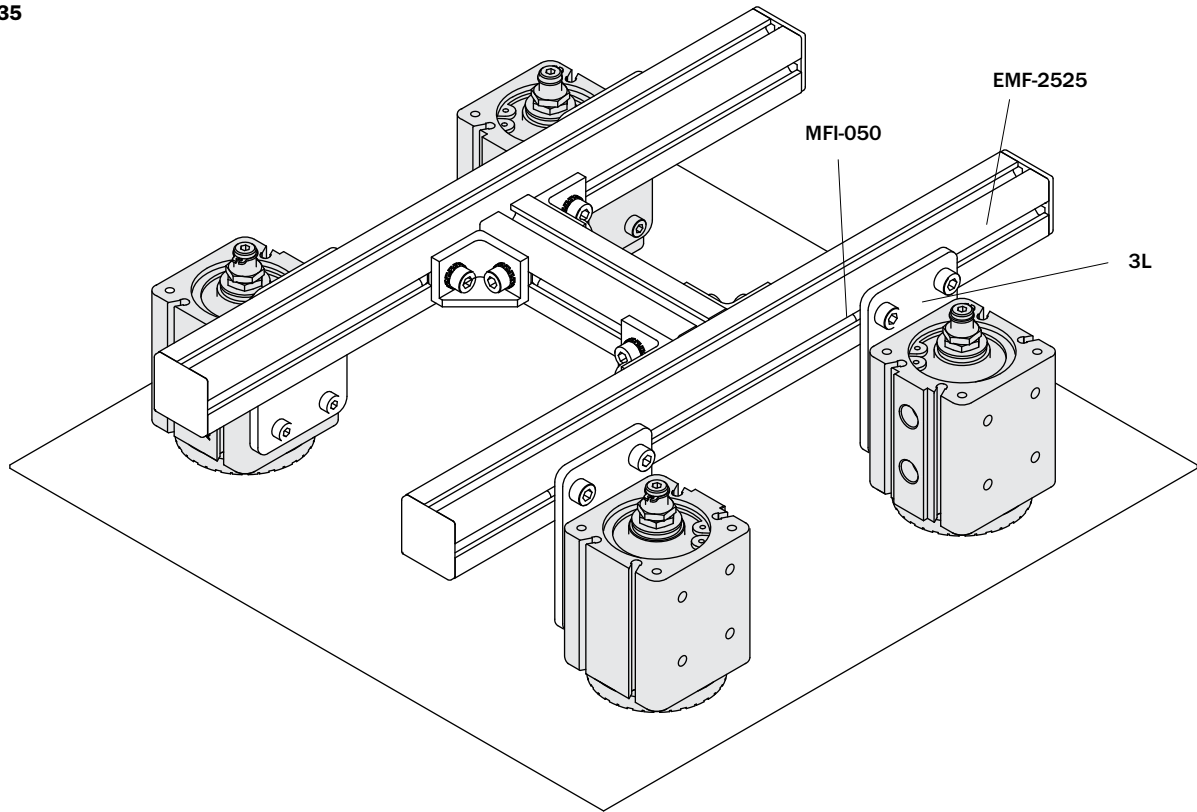


(*) Accessories not supplied



Application examples

MAG35



Holding force adjustment

The holding force can be adjusted by modifying the distance between the magnet and the workpiece.

- 1- Hold nut „A” in place and unscrew nut „B” to loosen it.
- 2- Hold the adjusting screw in place, turn nut „A” until the desired adjustment is achieved.
- 3- Hold nut "A" in place and tighten nut "B" to 5.2 Nm.

