

Piab Magnetic Gripper - PMG20

Item number: 02.48.520

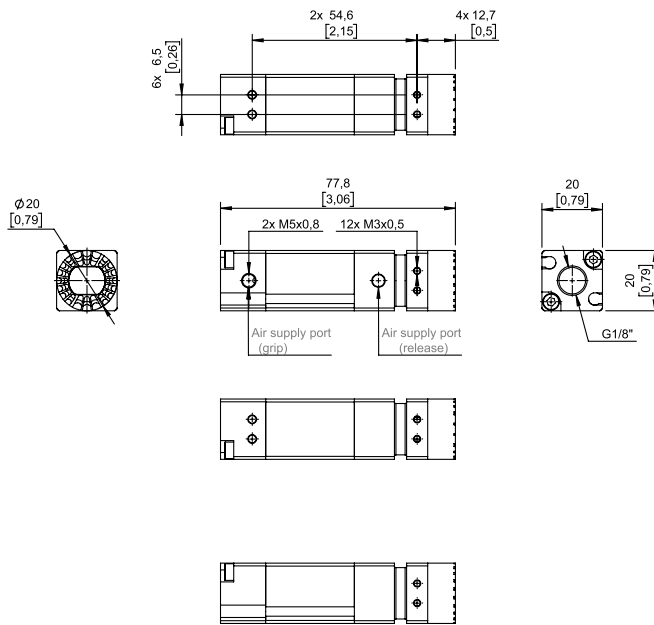


- Gripping by magnetic force.
- Suitable for handling perforated sheet metal and complex laser-cut workpieces.
- Permanent magnet for safe gripping.
- Operated pneumatically.

Technical data

Description	Unit	Value
Material	-	Al, Neodymium, POM, Steel, TPE-U
Holding force, sheet metal thickness 0.5 mm, with friction ring	lbf	3.15
Holding force, sheet metal thickness 0.7 mm, with friction ring	lbf	3.37
Holding force, sheet metal thickness 1 mm, with friction ring	lbf	4.047
Holding force, sheet metal thickness 1.5 mm, with friction ring	lbf	4.72
Holding force, sheet metal thickness 2 mm, with friction ring	lbf	4.72
Holding force, max, with friction ring	lbf	4.72
Parallel force, dry sheet	lbf	1.80
Parallel force, oily sheet	lbf	1.80
Air supply pressure, min	psi	0.051
Air supply pressure, max	psi	0.087
Working temperature, min	°F	41.0
Working temperature, max	°F	158.0
Contact temperature, max	°F	158.0
Weight	oz	3.17

Dimensional drawings



Accessories

0248524 | ZPDM-N

0248525 | Magnet switch ZPDM-P

0248526 | Magnet switch ZPDM-N-M8

0248527 | Magnet switch ZPDM-P-M8

0248528 | Bracket Lock pin 19 for PMG20

0248529 | Bracket Ball joint 28.5 for PMG20

Spare parts

0248838 | Spare part kit Friction ring PMG20