

Pneumatic O-Ring Grippers

PM 4-Finger

PM are innovative multi-finger grippers for handling and assembling external O-rings

Advantages

- Specifically designed with an independent device which expands the gasket and another which subsequently ejects it for assembling.
- Ability to assemble particularly thick gaskets and to position them in seats which are located at a distance from the ends of the housing.
- Adjustable stroke suitable for different O-ring sizes.
- Robust lightweight housing made of hard-coated aluminum alloy.



SPECIFICATIONS

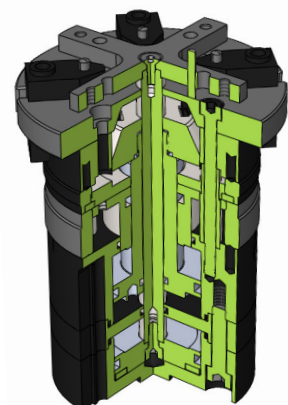
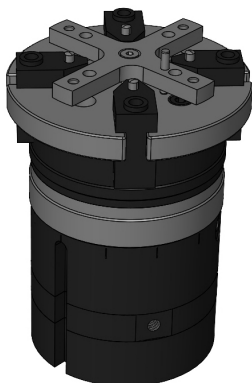
| Model | Nr. of Jaws | Stroke Per Jaw | Ejector Stroke | Theoretical opening force per jaw @ 6 bar | Ejector force @ 6 bar | Weight | Repeatability |
|-------------|-------------|----------------|----------------|---|-----------------------|---------|---------------|
| PM04 | 4 | 1.85 - 5 mm | 5 mm | 158 N | 570 N | 1.00 kg | ± 0.05 mm |
| | | 0.07 - 0.20 in | 0.2 in | 35.52 lb | 128 lb | 2.20 lb | ±0.0020 in |

Operating Pressure **4 - 8 bar (58 - 116 psi)**

Working Temperature **5 - 60 °C (41 - 140 °F)**

Noise Emission (Sound Pressure) **<= 70 db(A) in any direction**

SECTIONAL DIAGRAM



PM 4-Finger

