



- 2

Type
- EP Solid clamping arm
- 3

Coding
- M Magnetic piston

1

Size	F _H in N Holding capacity	F _S in N Clamping force at 6 bar ≈	b ₁	b ₂	b ₃	d ₁	d ₂ Compressed air connections	Inside Ø Connection tube	h ₁ ≈	h ₂
1000	10000	2500	102	90	20	10,5	G 1/4	8	145	80
2000	20000	3600	112	100	20	10,5	G 3/8	10	171,5	90

Size	h ₃	l ₁ ≈	l ₂ ≈	l ₃ ≈	m ₁	m ₂	m ₃	m ₄	r ≈	s
1000	25	410	90	155	65	12,5	65	48	140	13
2000	35	487	113	176	70	15	70	56	172	13

- Specification
- Base
 - Cast steel
 - Black lacquered
 - Other parts
 - Steel St 60
 - Zinc plated, blue passivated
 - Bearing pins
 - Case hardened
 - Double-action air cylinder with adjustable cushioning
 - Max. pressure 6 bar
 - All moving parts
 - Lubricated with special grease
 - RoHS

- Information
- Toggle clamps GN 861 have been constructed in such a way as to make them easy to unmount. The bearing pins are axially fixed with circlips. This allows the clamping arm to be modified to suit any particular application.
- To ensure an extended life of the mechanical parts as well as the air cylinders, the operating pressure should not exceed 6 bar and a compressed air maintenance unit should be installed upstream.
- Toggle clamps GN 861 have a permanent magnet integrated into the piston. In conjunction with sensors GN 3380, it is possible to detect the end position, such as for implementing machine controls.
- see also...
- More Information to Toggle Clamps (Pneumatic) → Page 790

- Accessory
- Sensor GN 3380 → Page QVX

How to order	1 Size
GN861-1000-EP-M	2 Type
	3 Coding

