

STAINLESS STEEL METRIC CYLINDERS



Clippard's newly-designed metric cylinders offer all of the advantages of Clippard's high quality, reliable stainless steel cylinders—now available with metric threads. Five bore sizes ranging from 8 mm to 25 mm with stroke lengths of 10 mm to 160 mm are offered.

Features

- Polished I.D. 304 stainless steel tubes for low breakaway provides smooth action
- Typical breakaway less than 1/2 bar
- Precision double rolled construction for solid, leak-proof cylinders
- Sintered bronze rod bushing reduces wear and friction
- Sintered bronze clevis bushing on all clevis mount cylinders means less wear
- Rods are threaded and bonded to pistons
- Ground, polished, and roller burnished 303 stainless steel rod saves seal wear
- Full piston area breakaway to assure full power from the beginning of each stroke
- Buna-N "U" cup piston and rod seals for reliable leak-free operation
- Temperature range: -35° to 110°C
- Maximum pressure of 17 bar

Nominal Bore Size	8 mm	12 mm	16 mm	20 mm	25 mm
Actual Bore Size	7.9 mm	12.7 mm	15.9 mm	19.1 mm	26.9 mm
Series Number*	05	08	10	12	17
Rod Diameter	3.1 mm	4.8 mm	4.8 mm	6.4 mm	7.9 mm
Rod Thread	M3 x 0.5	M4 x 0.7	M4 x 0.7	M6 x 1.0	M8 x 1.25
Mounting Thread	M10 x 1.25	M12 x 1.25	M12 x 1.25	M16 x 1.5	M16 x 1.5
Port Size	M5	M5	M5	M5	G1/8
(Optional)				(R1/8)	(R1/8)
Spring Force (SSR & USR)	4.4 N	8.9 N	17.8 N	26.7 N	31.1 N
Clevis Pin Diameter	4 mm	4 mm	4 mm	8 mm	8 mm
Clevis Width	4 mm	8 mm	8 mm	10 mm	10 mm