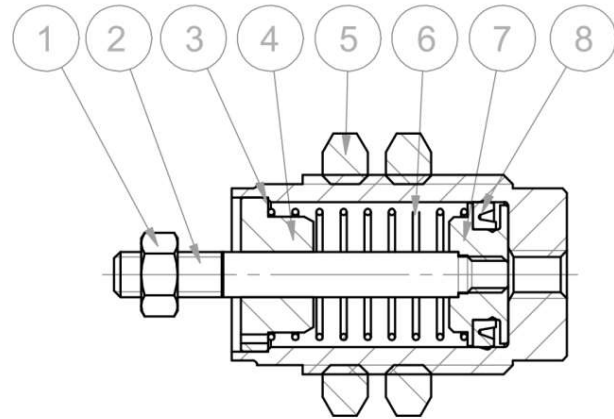




The CARTRIDGE cylinder of SEMAKMATIC has 3 different diameters . Which are Ø6 mm – Ø10 mm – Ø16 mm . All the diameters has 3 different strokes 5 mm – 10 mm – 15 mm .

All the serie supplied with 2 nuts on the body and one nut on to the rod .

The rod of material is AISI 303 stainless steel and the body is nickel coated brass.



## ORDERING CODES

|                   |                 |
|-------------------|-----------------|
| Ø 6 stroke 5 mm   | SMS0060005T00VS |
| Ø 6 stroke 10 mm  | SMS0060010T00VS |
| Ø 6 stroke 15 mm  | SMS0060015T00VS |
| Ø 10 stroke 5 mm  | SMS0100005T00VS |
| Ø 10 stroke 10 mm | SMS0100010T00VS |
| Ø 10 stroke 15 mm | SMS0100015T00VS |
| Ø 16 stroke 5 mm  | SMS0160005T00VS |
| Ø 16 stroke 10 mm | SMS0160010T00VS |
| Ø 16 stroke 15 mm | SMS0160015T00VS |

- 1 - 5     *NUT   zinc coated steel*
- 2.       *PISTON ROD ( AISI 303 )*
- 3.       *TUBE ( nickel coated steel )*
- 4.       *COVERS ( nickel coated steel )*
- 6.       *SPRING steel*
- 7.       *PISTON ( AISI 303 – BRASS )*
- 8.       *SEALS ( NBR – Poliurethane )*

**FLUID** : Compressed filtered air no lubrication

**VERSION** : SINGLE ACTING non MAGNETIC

**DIAMETERS** : Ø 6 – 10 - 16 mm

**TEMPERATURES** : - 10 °C / + 50 °C

**STROKES** : 5 mm – 10 mm – 15 mm

## Materials

**Body** : Nickel coated brass

**Piston** : AISI 303 for Ø 6 – 10 mm / brass for Ø 16 mm

**Seals** : NBR for Ø 6 mm / Poliurethane for Ø 10 mm – 16 mm

**Spring** : Steel

**Pressure port** : M5

**NUT** : Zinc coated steel

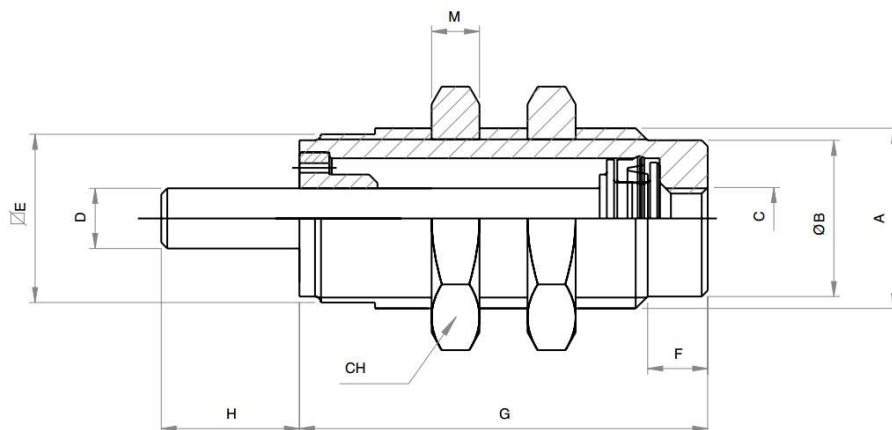
**WORKING PRESSURE** : Min. 2 bar / Max. 7 bar

**Piston Rod** : AISI 303

**Cover** : Nickel Coated Brass

# CARTRIDGE CYLINDERS

## DIMENSION of the CARTRIDGE CYLINDERS



| Ø  | A       | B   | C  | D | Ø E | F | H    | M | CH |
|----|---------|-----|----|---|-----|---|------|---|----|
| 6  | M10x1   | 8,5 | M5 | 3 | 9   | 5 | 9    | 3 | 14 |
| 10 | M15x1,5 | 13  | M5 | 5 | 14  | 5 | 11,5 | 4 | 19 |
| 16 | M22x1,5 | 19  | M5 | 5 | 20  | 6 | 14   | 5 | 27 |

| Ø  | stroke 5 ( G ) | stroke 10 ( G ) | stroke 15 ( G ) |
|----|----------------|-----------------|-----------------|
| 6  | 18,5           | 25,5            | 32,5            |
| 10 | 20,5           | 27              | 34              |
| 16 | 23,5           | 29,5            | 36              |