



## CSM safety quick couplings



## INNOVATION

### Simple to use

- Easy of **connection and disconnection**
- Effortless and **instant connection**

### Sealing

- Profiled valve and nitrile seal
- Unitary control of the tightness of the connection

### Resistant

- To abrasion
- To shock
- To crushing
- To vibrations
- To corrosion

### Economical

- **Productivity gain**  
(long life of the fittings)
- **Reduced energy costs**  
(long sealing life)
- **Maximum efficiency**  
of pneumatic systems and tools

FLEXIBLE, AUTOMATED  
MECHANISM FOR  
**GREATER RELIABILITY**



### Anti-whiplash safety device - 2 stages:

- **Stage 1:**  
**automatic decompression**  
of the downstream hose
- **Stage 2:**  
**safe disconnection**  
of the coupling

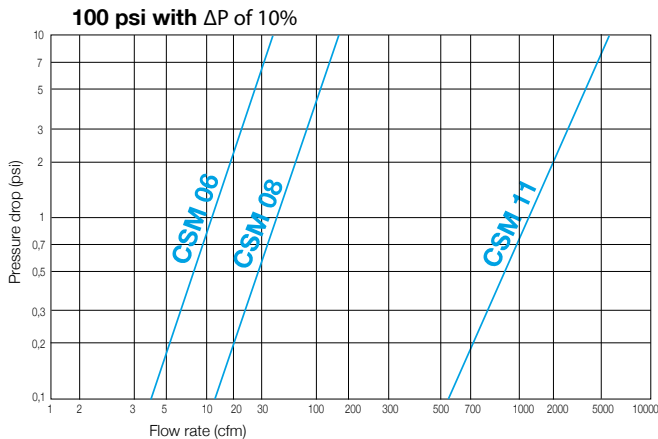


# PERFORMANCE

## Excellent flow rate contributes to the efficiency of pneumatic systems

### Flow rate at 6 bar

- **Ø 6 mm passage:** for a  $\Delta P$ : 0.6 bar - 833 l/min
- **Ø 8 mm passage:** for a  $\Delta P$  : 0,6 bar - 2 120 l/min
- **Ø 11 mm passage:** for a  $\Delta P$ : 0,6 bar - 4 120 l/min



## Materials used

- **Body:** 17% chrome stainless steel
- **One-piece lock:** 13% chrome stainless steel

## Temperature

- From -15°C to +70°C

## Weight

- **From 70g only:**  
Ø 6 mm coupling for a Ø 10 mm hose

## Low coupling force under pressure

## Anti-static

# THE CONFIGURATIONS

## Cylindrical female thread

- Gas BSP
- Steel obturator
- International standard ISO 228/1



## Cylindrical male thread

- Gas BSP
- Steel obturator
- International standard ISO 228/1



## Hose connection

- Mounting with screw or ear clamp



## Cylindrical threaded rotary connection

- 360° rotation on axis



## Parallel female thread adaptor



## Tapered male thread adaptor



## Hose tail adaptor

