



FLUID DISTRIBUTION

**NEW
GENERATION**

**So much
in one touch !**

prevoS1



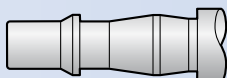
THE SAFETY QUICK COUPLING

prevoS INNOVATION

1 *push*

Instinctive simplicity

- Vents the pressure and disconnects pneumatic systems and tools with a single push of the button
- Effortless instantaneous coupling
- Compatible with all **British profiles**



Safety

prevoS Controlled, safe disconnection

prevoS Avoids all risk of dangerous 'hose whip' or accidental disconnection

prevoS Automatic pressure venting and disconnection

Performance

- Ergonomic and compact shape for intuitive and natural handling
- Compact design
- Optimised flow rate
- Limited pressure drop
- Coupling sealing guaranteed
- Thread sealing



prevoS1 PERFORMANCE 1 technology

Quality materials

- Body: heavy-duty composite
- Seal: in nitrile
- Connection: metal parts treated to withstand use

Flow rate at 6 bar - 87 psi

- Ø 6 mm : for a ΔP : 0,6 bar - 833 l/min

Pressures and temperatures

- Service pressure: 2 to 12 bar
- Operating temperature: -10°C to +70°C

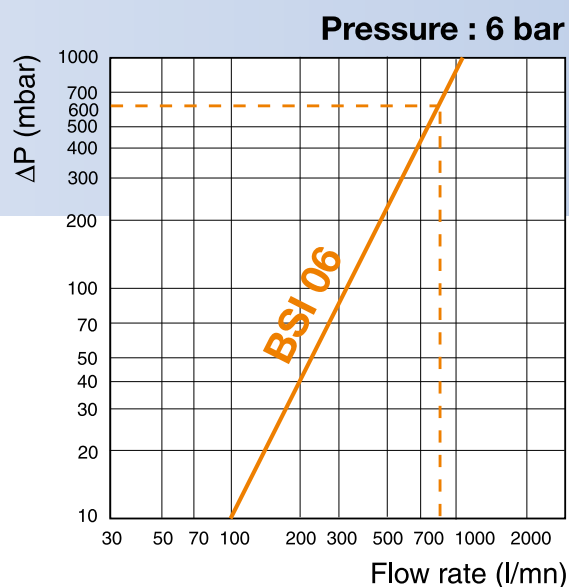
Weight

- Ultra lightweight
- For example: Coupling for 6 mm hose: 86 g

Anti-static

prevoS1 Allows static electricity transfer
 $R < 10^5 \text{ Ohm}$

Easy to connect under pressure



prevoS1 CONFIGURATIONS

1 range

Female thread coupler

- BSP gas
- International standard ISO 228/1



BSI 061 101 : **G1/4**
BSI 061 102 : **G3/8**
BSI 061 103 : **G1/2**

Parallel male thread coupler

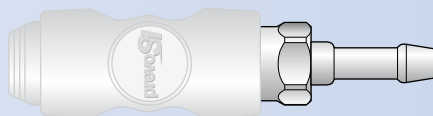
- BSP gas
- Built-in gasket
- International standard ISO 228/1



BSI 061 151 : **G1/4**
BSI 061 152 : **G3/8**
BSI 061 153 : **G1/2**

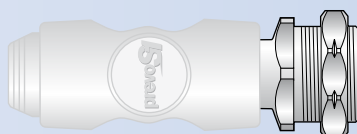
Hose stem coupler

- Assembly with screw clamp or ear clamp



BSI 061 806 : **Ø 6 mm**
BSI 061 808 : **Ø 8 mm**
BSI 061 810 : **Ø 10 mm**
BSI 061 813 : **Ø 13 mm**

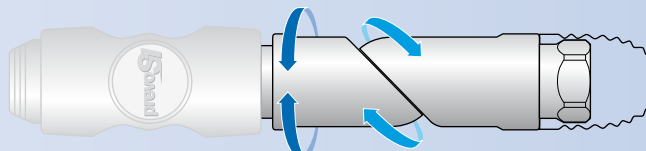
Bulkhead coupler



BSI 062 101 : **G1/4**

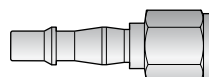
Threaded swivel coupler

- 360° rotation on its axis
- Scratch resistant



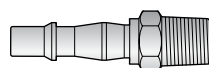
BSI 061 102SW : **G3/8**

Female threaded adaptor



BRP 066 101 : **G1/4**
BRP 066 102 : **G3/8**

Tapered thread male adaptor



BRP 066 151 : **R1/4**
BRP 066 152 : **R3/8**

Hose tail adaptor



BRP 066 806 : **Ø 6 mm**
BRP 066 808 : **Ø 8 mm**
BRP 066 810 : **Ø 10 mm**
BRP 066 813 : **Ø 13 mm**

prevoS1 CHARACTERISTICS

ROBUST

Composite body material with tough mechanical characteristics.

- Resists:
- abrasion
 - impacts
 - crushing
 - vibrations
 - corrosion

Anti-static, lightweight, scratch-resistant material

RELIABILITY

Flexible and instantaneous-action mechanism

Optimal sealing

COST EFFECTIVE

- Productivity savings (ease of use, long life seal)
- Energy cost savings (long-life seal)
- Maximum efficiency of pneumatic systems and tools





Europe

Head office: PREVOST SAS

Parc d'activités des Glaisins - B.P. 208

74942 ANNECY-LE-VIEUX CEDEX - FRANCE

Tel. +33 (0)4 50 64 04 45 - Fax +33 (0)4 50 64 00 10

E-mail: sales@prevost.eu - Web: www.prevost-ltd.co.uk



BSI DOC 10 E