

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



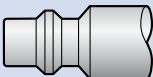
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ISI DOC 09 E



Instinctive simplicity

- Vent the pressure and disconnect pneumatic systems and tools with a single push of the button
- Effortless instantaneous coupling
- Compatible with all industrial profile **ISO 6150 B**



Safety

- prevo*S*1** Controlled, safe uncoupling
- prevo*S*1** Avoids all risk of dangerous ‘hose whip’ or accidental disconnection
- prevo*S*1** 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



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 Δ P : 0,6 bar - 833 l/min
- Ø 8 mm : for a Δ P : 0,6 bar - 1950 l/min

Pressures and temperatures

- Service pressure: 2 to 12 bar
- Operating temperature: -15°C to +70°C

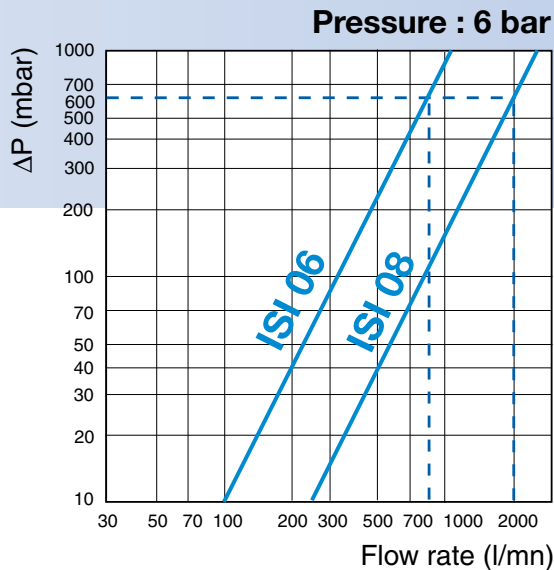
Weight

- Ultra lightweight
- For example: Coupling for 8 mm hose: 74 g

Anti-static

- prevo*S*1** Allows static electricity transfer

Easy to connect under pressure



Female thread coupler

- BSP gas
- International standard ISO 228/1



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

ID 8 mm

ISI 081 101 : **G1/4**
ISI 081 102 : **G3/8**
ISI 081 103 : **G1/2**

Parallel male thread coupler

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

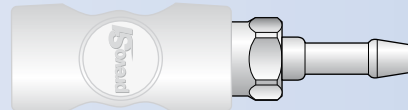


ISI 061 151 : **G1/4**
ISI 061 152 : **G3/8**
ISI 061 153 : **G1/2**

ISI 081 151 : **G1/4**
ISI 081 152 : **G3/8**
ISI 081 153 : **G1/2**

Hose stem coupler

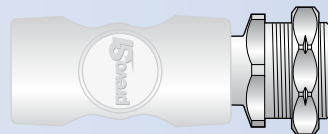
- Assembly with screw clamp or ear clamp



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

ISI 081 808 : **Ø 8 mm**
ISI 081 810 : **Ø 10 mm**
ISI 081 813 : **Ø 13 mm**
ISI 081 816 : **Ø 16 mm**

Bulkhead coupler

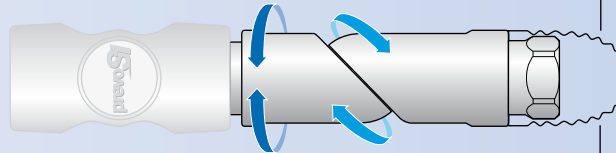


ISI 062 101 : **G1/4**

ISI 082 103 : **G1/2**

Threaded swivel coupler

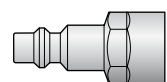
- 360° rotation on its axis
- Scratch resistant



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

ISI 081 102SW : **G3/8**

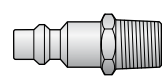
Female threaded adaptor



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

IRP 086 101 : **G1/4**
IRP 086 102 : **G3/8**
IRP 086 103 : **G1/2**

Tapered thread male adaptor



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

IRP 086 151 : **R1/4**
IRP 086 152 : **R3/8**
IRP 086 153 : **R1/2**

Hose tail adaptor



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

IRP 086 808 : **Ø 8 mm**
IRP 086 810 : **Ø 10 mm**
IRP 086 813 : **Ø 13 mm**
IRP 086 816 : **Ø 16 mm**