Inventor of **push-to-connect technology**, we constantly strive to **design, manufacture and customise easy-to-assemble innovative fluid handling** solutions distributed anywhere across the globe.

Experts in **optimising flow, compactness, reliability** and **robustness**, we guarantee **fluid integrity** to offer the solution adapted to your product environment.
Our Capabilities in Transportation

- Air brake and auxiliary pneumatic systems specialist
- Expert in customised manifolds
- Ability to reach market standards ISO / DIN / DOT / SAE
- OEM support through our application engineers
- On-time delivery focus: Dedicated teams for each order follow-up
- Quality Management and traceability of our 100% tested products are at the very heart of our manufacturing processes
- Strong aftermarket support: Parkers worldwide distribution network
Applications

Trucks

- Prestomatic Brass
- Prestomatic Composite
- LF3400
- LF3000
- Prestofuel
- Manifolds
- PA Tubing
- Blowguns

Trailers

- Prestomatic Brass
- Prestomatic Composite
- LF3400
- LF3000
- LF3600
- Cartridge
- PA Tubing
Applications

Buses

- Prestomatic Brass
- Prestomatic Composite
- LF3000
- Prestofuel
- Cartridge
- PU Tubing
- Flow Regulator
- Silencers

Special vehicles

- Prestomatic Brass
- Prestomatic Composite
- LF3400
- LF3000
- LF3600
- PU Tubing
- Flow Control
- Non Return Valves
- Valves

Flow Curve and Pressure Drop (Kv)

Pressure drop (bar)

Working

Pilot

10 bar max.

Full flow: low pressure drop & Safety

Threads G3/8 G1/2 G3/4 G1 G1¼ G1½ G2

daN.m

3/8" Kv=6,9 1/2" Kv=8,8 3/4" Kv=11,4 1" Kv=14,5 1/4" Kv=27,9 1/2" Kv=48,8 2" Kv=68,9

46 82 04 06 0

-20°C to +120°C (suffix 30 EPDM)

Double-acting: 3 to 8 bar

Depending on type of seal

Pneumatic, electro-pneumatic or dual actuation control

Very compact: up to 50% smaller than valves with separate...

Excellent flexibility and outstanding use in a wide range of applications, allowing for up to...

Polyurethane’s should be multiplied by 3.

To calculate burst pressure, the values in this graph...

Reliable performance is dependent upon the type of fluid conveyed and fittings being used.

-20°C to +70°C

Temperature

Pressure

Fluids

94/9/EC (ATEX) - for pneumatic operation versions

1907/2006 (REACH)

DI:

2002/95/EC (RoHS)

DI:

DI:

3 Material

97/23/EC (PED)

2002/95/EC (RoHS), 2011/65/EC

1935/2004 EC

Food (PU ether food-grade “crystal”)

RG:

Food (PU ether)

DI:

3 Material

3 Material

DI:

20 CFR 177.2600, 178.3297, 176.170, 178.2010

• improved longevity

• identification of fluids and circuits

Polyurethane ester: perfect for pneumatic applications

Superior vacuum capability due to surface hardness

Good vibration absorption

Unsurpassed abrasion resistance for a single layer tubing

Optimal bend radius

Consistent tensile strength for optimum longevity

Polyurethane ether food-grade “crystal” (52 Shore D)

Polyurethane ether (52 Shore D)

Polyurethane ester (52 Shore D)

(subscript: depending on the material type)

when compared to semi-rigid PA tubing.

Pu Tubing

Materials

Mechanical Properties

Silicone-free

Unsurpassed vacuum capability due to surface hardness

Pressure drop (bar)

Working

Pilot

10 bar max.

Full flow: low pressure drop & Safety

Threads G3/8 G1/2 G3/4 G1 G1¼ G1½ G2

daN.m

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-20°C to +70°C

Temperature

Pressure

Fluids
Customised Fittings

To meet your needs, we can re-engineer the design of our fittings. To complement our wide range of fittings, we can offer customised products. Longer threads, different types of seal, special grease, specific cleaning processes, colours, packaging, etc. are all parameters which we can easily modify.

Low Temperature Carstick®

Resistant at -40°C

Fitting for the Transmission of Deionised Cooling Water in Frequency Inverters

Water-resistant materials

Stainless steel threads

Special seals

Metal Cartridges

Cartridges adapted to the client’s dimensional and environmental requirements

Combination of the patented Carstick® system (seal protection) and LF 3600 performance levels

Fitting for Life Sciences & Clean Rooms

Specific gripping feature, cleanliness, oxygen-compatible grease

Reinforced leak testing

Special packaging

Filter Fittings for Medical and Clean Room Applications

Designed specifically for the filtration of air and gas

Can be made available with cleanliness specifications meeting requirements for medical processes and clean rooms

Multi-Component Stud Cartridges

Direct installation into a cavity with no thread

Can be custom-designed: seal, release button, etc.

Built-In Cartridge

Designed to be extremely compact, this cartridge can be built right into a cavity with no thread, and can also be disassembled

Fitting with Silencer, Two-in-One

Meeting requirements for saving space, this lightweight component includes a push-in connection as well as a silencer function

Applications

Defence

Prestomatic Brass

Prestomatic Composite

LF3400

LF3000

LF3600

Cartridge

PA Tubing

Flow Control

Prestofuel

Agricultural Machinery

Prestomatic Brass

Prestomatic Composite

LF3400

LF3000

Prestofuel

PA Tubing
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**Prestomatic Composite Fittings**

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**Adaptors and Accessories for Braking Systems**

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<td>F8UHA8UB</td>
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<th>Plugs and Accessories</th>
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Fitting with Silencer, Two-in-One
Meeting requirements for saving space, this lightweight component includes a push-in connection as well as a silencer function

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Plug-In Fittings and Accessories

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Cartridges

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Fuel Fittings

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<td>C8UNDFB-V Page 19</td>
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<td>SAE Fuel Fittings</td>
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PA Tubing

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</thead>
<tbody>
<tr>
<td>PA Tubing - DIN74324 Page 20</td>
</tr>
</tbody>
</table>
Prestomatic Push-In Fittings

Based on more than 50 years of expertise in innovative fluid handling solutions, we offer Prestomatic brass and composite push-in fittings range for the installation of your pneumatic airbrake circuits.

Product Advantages

Simplification of Pneumatic Systems Installation
- Our push-to-connect technology guarantee an easy-to-assemble and a fully re-usable product.
- The excellent mechanical properties of our technical polymer offer significant weight reduction to your global system.
- Increased lifespan thanks to the temperature resistance from -40°C to +100°C.
- Compactness for space-saving.
- Our many configurations enable the system to be designed using the optimum number of fittings.

Safety of your Installation
- Positive tube retention by a flexible stainless steel grab ring.
- The special shape of the radial teeth of the grab ring prevents longitudinal scratch marks on the tube.
- The elasticity of the grab ring absorbs vibration and pulsating pressure.
- Twist-free assembly allowing free tube rotation even under pressure.
- The encapsulated O-ring is tolerant of imperfect sealing surfaces and maintains a leak free connection even under high vibration conditions.
- Even if a low assembly torque is required to obtain a leak free seal, the threads are resistant to over torquing.
- Our Prestomatic brass shaped fittings are designed to enable the fitting to be assembled to the desired position. This allows accurate alignment of the tube and reduces stress in the system.
- Integrated tube support reinforces tube alignment and tube retention for:
  - excellent resistance to vibration
  - sealing ensured over time
  - increased resistance to tube pull out

Quality and Traceability of our Products
- Products 100% leak-tested in production.
- Systematic Vision-control to guarantee robustness of the production process.
- Individual component traceability with product date coding.
- Only Premium quality raw materials used.
### Technical Characteristics

#### Prestomatic Brass

<table>
<thead>
<tr>
<th>Component Materials</th>
<th>Compressed air</th>
</tr>
</thead>
</table>

**Working Pressure**
25 bar

**Working Temperature**
-40°C to +100°C

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<thead>
<tr>
<th>Tightening Torques (daN.m)</th>
<th>Threads</th>
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<td>M10x1</td>
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<td>0.8 to 1</td>
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Metric threads are designed to fit ports conforming to ISO 9974-1, ISO 6149-1 and ISO 4039-2 standards.

---

#### Prestomatic Composite

<table>
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<th>Compressed air</th>
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**Working Pressure**
25 bar

**Working Temperature**
-40°C to +100°C

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Metric threads are designed to fit ports conforming to ISO 9974-1, ISO 6149-1 and ISO 4039-2 standards.

---

**Regulations**

- **EN 45545-2**: HL3, P22, P24, P25 classification can be attained when used with fireproof tubing
- Fully adapted to transportation braking system applications with tubing:
  - DIN 74324-1
  - DIN 73378
  - NF-R12-632-2
  - ISO 7628

---

![Prestomatic Brass Diagram](image)

![Prestomatic Composite Diagram](image)
# Prestomatic Brass Push-In Fittings

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Port design to ISO8434-1 for steel tube and hoses.

The body can be locked in the desired orientation with the locknut.

The body can be locked in the desired orientation with the locknut.

The body can be locked in the desired orientation with the locknut.

Port design to ISO8434-1 for steel tube and hoses.
**Prestomatic Brass Push-In Fittings**

### S8UNPMB
- **Brass, NBR**
- **ØD**
- **C**
- **Test Point thread**
- **Locknut**

<table>
<thead>
<tr>
<th>Size</th>
<th>Thread</th>
<th>Parts Code</th>
<th>Size</th>
<th>Thread</th>
<th>Parts Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>M10 x 1.5</td>
<td>S8UNPMB8M16</td>
<td>Ø8</td>
<td>M10 x 1.5</td>
<td>S8UNPMB8M16</td>
</tr>
<tr>
<td>10x7.5</td>
<td>M10 x 1.5</td>
<td>S8UNPMB10M16</td>
<td>10x7.5</td>
<td>M10 x 1.5</td>
<td>S8UNPMB10M16</td>
</tr>
<tr>
<td>12x9</td>
<td>M10 x 1.5</td>
<td>S8UNPMB12M16</td>
<td>12x9</td>
<td>M10 x 1.5</td>
<td>S8UNPMB12M16</td>
</tr>
</tbody>
</table>

- The body can be locked in the desired orientation with the locknut.

### R8UNPMB
- **Brass, NBR**
- **ØD**
- **C**
- **Test Point thread**
- **Locknut**

<table>
<thead>
<tr>
<th>Size</th>
<th>Thread</th>
<th>Parts Code</th>
<th>Size</th>
<th>Thread</th>
<th>Parts Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>M10 x 1.5</td>
<td>R8UNPMB8M16</td>
<td>Ø8</td>
<td>M10 x 1.5</td>
<td>R8UNPMB8M16</td>
</tr>
<tr>
<td>10x7.5</td>
<td>M10 x 1.5</td>
<td>R8UNPMB10M16</td>
<td>10x7.5</td>
<td>M10 x 1.5</td>
<td>R8UNPMB10M16</td>
</tr>
<tr>
<td>12x9</td>
<td>M10 x 1.5</td>
<td>R8UNPMB12M16</td>
<td>12x9</td>
<td>M10 x 1.5</td>
<td>R8UNPMB12M16</td>
</tr>
</tbody>
</table>

- The body can be locked in the desired orientation with the locknut.

### S8UNPMBPPAM
- **Brass, NBR**
- **ØD**
- **C**
- **Test Point thread**
- **Locknut**

<table>
<thead>
<tr>
<th>Size</th>
<th>Thread</th>
<th>Parts Code</th>
<th>Size</th>
<th>Thread</th>
<th>Parts Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>M10 x 1.5</td>
<td>S8UNPMB10PPAM16</td>
<td>Ø8</td>
<td>M10 x 1.5</td>
<td>S8UNPMB10PPAM16</td>
</tr>
<tr>
<td>10x7.5</td>
<td>M10 x 1.5</td>
<td>S8UNPMB12PPAM16</td>
<td>10x7.5</td>
<td>M10 x 1.5</td>
<td>S8UNPMB12PPAM16</td>
</tr>
<tr>
<td>12x9</td>
<td>M10 x 1.5</td>
<td>S8UNPMB12PPAM22</td>
<td>12x9</td>
<td>M10 x 1.5</td>
<td>S8UNPMB12PPAM22</td>
</tr>
</tbody>
</table>

- Test Point thread = M10x1.5
- The body can be locked in the desired orientation with the locknut.

### R8UNPMBPPA
- **Brass, NBR**
- **ØD**
- **C**
- **Test Point thread**
- **Locknut**

<table>
<thead>
<tr>
<th>Size</th>
<th>Thread</th>
<th>Parts Code</th>
<th>Size</th>
<th>Thread</th>
<th>Parts Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>M10 x 1.5</td>
<td>R8UNPMB12M16PPA</td>
<td>Ø8</td>
<td>M10 x 1.5</td>
<td>R8UNPMB12M16PPA</td>
</tr>
<tr>
<td>10x7.5</td>
<td>M10 x 1.5</td>
<td>R8UNPMB12M22PPA</td>
<td>10x7.5</td>
<td>M10 x 1.5</td>
<td>R8UNPMB12M22PPA</td>
</tr>
</tbody>
</table>

- Test Point thread = M10x1.5
- The body can be locked in the desired orientation with the locknut.

### HNPMB
- **Brass, NBR**
- **ØD**
- **C**

<table>
<thead>
<tr>
<th>Size</th>
<th>Parts Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>HNPMB8</td>
</tr>
<tr>
<td>8x6</td>
<td>HNPMB8</td>
</tr>
<tr>
<td>10x7.5</td>
<td>HNPMB10</td>
</tr>
<tr>
<td>12x9</td>
<td>HNPMB12</td>
</tr>
<tr>
<td>16x12</td>
<td>HNPMB16</td>
</tr>
</tbody>
</table>

### WNPMB
- **Brass, NBR**
- **ØD**
- **C**

<table>
<thead>
<tr>
<th>Size</th>
<th>Parts Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>WNPMB8</td>
</tr>
<tr>
<td>8x6</td>
<td>WNPMB8</td>
</tr>
<tr>
<td>10x7.5</td>
<td>WNPMB10</td>
</tr>
<tr>
<td>12x9</td>
<td>WNPMB12</td>
</tr>
<tr>
<td>16x12</td>
<td>WNPMB16</td>
</tr>
</tbody>
</table>

### T2ENPMB
- **Brass, NBR**
- **ØD**
- **D1**

<table>
<thead>
<tr>
<th>Size</th>
<th>Parts Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>T2ENPMB8</td>
</tr>
<tr>
<td>8x6</td>
<td>T2ENPMB8</td>
</tr>
<tr>
<td>10x7.5</td>
<td>T2ENPMB10</td>
</tr>
<tr>
<td>12x9</td>
<td>T2ENPMB12</td>
</tr>
</tbody>
</table>

### JNPMB
- **Brass, NBR**
- **ØD**

<table>
<thead>
<tr>
<th>Size</th>
<th>Parts Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>JNPMB8</td>
</tr>
<tr>
<td>8x6</td>
<td>JNPMB8</td>
</tr>
<tr>
<td>10x7.5</td>
<td>JNPMB10</td>
</tr>
<tr>
<td>12x9</td>
<td>JNPMB12</td>
</tr>
<tr>
<td>16x12</td>
<td>JNPMB16</td>
</tr>
</tbody>
</table>
Prestomatic Composite Push-In Fittings

**SWEONPMK**
Technical polymer, brass, NBR

<table>
<thead>
<tr>
<th>ØD</th>
<th>DIN</th>
<th>C</th>
<th>Port design to ISO4344-1 for steel tube and hoses. The body swivels for positioning purposes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10x7.5</td>
<td>12L</td>
<td>M18x1.5</td>
<td>SWEONPMK10-12L</td>
</tr>
<tr>
<td>15L</td>
<td>M22x1.5</td>
<td>SWEONPMK10-15L</td>
<td></td>
</tr>
<tr>
<td>12x9</td>
<td>12L</td>
<td>M18x1.5</td>
<td>SWEONPMK12-12L</td>
</tr>
<tr>
<td>15L</td>
<td>M22x1.5</td>
<td>SWEONPMK12-15L</td>
<td></td>
</tr>
</tbody>
</table>

**R68KPPA**
Technical polymer, brass, NBR

<table>
<thead>
<tr>
<th>ØD</th>
<th>C</th>
<th>The body swivels for positioning purposes. Test Point thread = M16x1.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>10x7.5</td>
<td>M18x1.5</td>
<td>R68K10M18PPA</td>
</tr>
<tr>
<td>15L</td>
<td>M22x1.5</td>
<td>R68K10M22PPA</td>
</tr>
<tr>
<td>12x9</td>
<td>M18x1.5</td>
<td>R68K12M18PPA</td>
</tr>
<tr>
<td>15L</td>
<td>M22x1.5</td>
<td>R68K12M22PPA</td>
</tr>
</tbody>
</table>

**S68KPPAM**
Technical polymer, brass, NBR

<table>
<thead>
<tr>
<th>ØD</th>
<th>C</th>
<th>The body swivels for positioning purposes. Test Point thread = M16x1.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>10x7.5</td>
<td>M18x1.5</td>
<td>S68K10PPAM16</td>
</tr>
<tr>
<td>15L</td>
<td>M22x1.5</td>
<td>S68K10PPAM22</td>
</tr>
<tr>
<td>12x9</td>
<td>M18x1.5</td>
<td>S68K12PPAM16</td>
</tr>
<tr>
<td>15L</td>
<td>M22x1.5</td>
<td>S68K12PPAM22</td>
</tr>
</tbody>
</table>

**RE68KPPA**
Technical polymer, brass, NBR

<table>
<thead>
<tr>
<th>ØD</th>
<th>C</th>
<th>The body swivels for positioning purposes. Test Point thread = M16x1.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>10x7.5</td>
<td>M18x1.5</td>
<td>RE68K10M18PPA</td>
</tr>
<tr>
<td>15L</td>
<td>M22x1.5</td>
<td>RE68K10M22PPA</td>
</tr>
</tbody>
</table>
The body can be locked in the desired orientation with the locknut.
Air Brake Adaptors and Accessories

### WGG88B
- Brass, NBR
- C1 C2
- M16x1.5 M22x1.5
- M22x1.5 M26x1.5

### WG8F8UB
- Brass, NBR
- C1 C2
- M16x1.5 M22x1.5
- M22x1.5 M26x1.5

### PPRF8UM
- Brass, NBR
- C1 C2
- M16x1.5 M22x1.5
- M22x1.5 M26x1.5

### VDPF8UM
- Brass, NBR
- C1 C2
- M22x1.5

### P8UNBL
- Brass, NBR
- C
- M18x1.5 M16P8UNBL
- M16x1.5 M16P8UNBL
- M22x1.5 M22P8UNBL13

### 3126
- Technical polymer
- ØD
- 6 3128 06 00
- 8 3128 08 00
- 10 3128 10 00
- 12 3128 12 00

### WLN8B
- Brass
- C
- M18x1.5 WLN8BM18X1.5
- M20x1.5 WLN8BM20X1.5
- M22x1.5 WLN8BM22X1.5
- M24x1.5 WLN8BM24X1.5


**LF 3400 Push-In Fittings**

Designed for auxiliary pneumatic circuits but fulfilling the performance requirements of DIN74324, our LF3400 range is an excellent technical and economic solution.

**Product Advantages**

**Security and Productivity**

- Excellent sealing thanks to captive, creep-resistant seal's position in the fitting.
- Design specification for severe environment (mechanical strength, high and low temperature, chemical attacks, paint).
- Easy to assemble products thanks to our push-to-connect technology: rapid manual connection and disconnection without the need for tools.
- Tube sizes marked on the push button for easy identification.

**Quality and Traceability of our Products**

- Products 100% leak-tested in production.
- Systematic Vision-control to guarantee robustness of the production process.
- Individual component traceability with product date coding.
- Only Premium quality raw materials used.

**Technical Characteristics**

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body</td>
<td>Polyamide</td>
</tr>
<tr>
<td>Adaptor</td>
<td>Brass</td>
</tr>
<tr>
<td>Push button</td>
<td>Polyamide</td>
</tr>
<tr>
<td>Seals</td>
<td>NBR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Compatibile Fluids</th>
<th>Compressed Air</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure</td>
<td>16 bar</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>-40°C to +100°C</td>
</tr>
<tr>
<td>Higher peak temperatures are possible, please consult us!</td>
<td></td>
</tr>
</tbody>
</table>

**Regulations**

Tube support and use with polyamide tubing conforming to the following standards:
- DIN 74324-1
- DIN 73378
- ISO 7628
- NF-R12-632-2
- NF E49-100

Silicone-free
### Stud Fittings

**3471**
- **Brass, NBR**
- **ØD C**
  - 6x4 M10x1.5 3471 06 60
  - 6x4 M12x1.5 3471 06 67
  - 8x6 M16x1.5 3471 08 75

**3479**
- **Polyamide, NBR**
- **ØD C**
  - 6x4 M10x1.5 3479 06 60
  - 6x4 M12x1.5 3479 06 67
  - 8x6 M16x1.5 3479 08 75

**3478**
- **Polyamide, NBR**
- **ØD C**
  - 6x4 M10x1.5 3478 06 60
  - 8x6 M12x1.5 3478 08 67

**3476**
- **Polyamide, NBR**
- **ØD**
  - 6x4 3476 06 00
  - 8x6 3476 06 00

**3474**
- **Polyamide, NBR**
- **ØD**
  - 6x4 3474 06 00
  - 8x6 3474 06 00

**3467**
- **Polyamide, NBR**
- **ØD Ø D1**
  - 8x6 6x4 3467 08 00

---

### Plug-In Fittings and Accessories

**3462**
- **Polyamide, NBR**
- **Ø D1 Ø D2**
  - 6x4 6 3462 06 00
  - 8x6 8 3462 08 00

**3463**
- **Polyamide, NBR**
- **Ø D1 Ø D2**
  - 6x4 6 3463 06 00

**3464**
- **Polyamide, NBR**
- **Ø D1 Ø D2**
  - 6x4 8 3464 08 00

**3150**
- **Polyamide**
- **ØD**
  - 6 3150 06 59
  - 8 3150 06 60

**3470**
- **Polyamide, NBR**
- **ØD**
  - 6x4 3470 06 00
Cartridges

Designed for tubing insertion in non-threaded cavities, our cartridges guarantee the integrity of the sealing system on auxiliary systems of on-board vehicles.

Product Advantages

**Time Saving during Installation**
No thread to be machined for inserting the cartridge in the housing. Seal pre-assembled, greased and protected. Connection fully integrated in the cavity. Excellent alignment of the cartridge thanks to the protection sleeve.

**Reinforced Security of Equipment with our High Performance Cartridge**
Increased lifespan thanks to the temperature resistance from -40°C to +100°C. Gripping ring technology allowing a better mechanical resistance. High chemical resistance.

**Quality and Traceability of our Products**
Systematic Vision-control to guarantee all components present and correctly assembled. Only Premium quality raw materials used.

Technical Characteristics

<table>
<thead>
<tr>
<th>Compatible Fluids</th>
<th>Compressed Air</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure</td>
<td>Vacuum to 16 bar</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>Standard cartridge: -40°C to +80°C High performance cartridges: -40°C to +100°C</td>
</tr>
</tbody>
</table>

Please, consult us for drawings of cavity dimensions and tolerances.

Products

**3100**
Brass, Technical polymer, NBR

<table>
<thead>
<tr>
<th>ØD</th>
<th>3100 00 00 54</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>3100 00 00 55</td>
</tr>
<tr>
<td>6</td>
<td>3100 00 00 56</td>
</tr>
<tr>
<td>8</td>
<td>3100 00 00 57</td>
</tr>
</tbody>
</table>

**3400xx00**
Technical polymer, NBR

| 6  | 3400 06 00 |
| 8  | 3400 08 00 |

Retaining sleeve in PPS suitable for plastic cavity with groove.

**3400xx01**
Technical polymer, NBR

| 6  | 3400 06 01 |
| 8  | 3400 08 01 |

Retaining sleeve in PA suitable for metal cavity with groove.

**3400xx02**
Brass, Technical polymer, NBR

| 6  | 3400 06 02 |
| 8  | 3400 08 02 |

Retaining sleeve in brass suitable for plastic and metal cavity without groove.
Prestofuel-Fittings

For fuel line between the fuel tank and the engine, we developed Prestomatic Fuel fittings.

Product Advantages

**Reliability**
All our Fuel fittings are supplied with seals that are compatible with air, diesel and bio diesel 20%.
We offer straight connectors, 90° elbows and SAEJ2044 adaptors.

**Quality and Traceability of our Products**
100% leak-tested products in production.
Systematic Vision-control to guarantee the production process robustness.
Individual component traceability and products date code.
Premium and pure raw material required from our suppliers.

Technical Characteristics

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Washer</td>
<td>POM</td>
<td>ØD 8mm - 5/16&quot;</td>
</tr>
<tr>
<td>Seal</td>
<td>FKM</td>
<td>ØD 8mm - 5/16&quot;</td>
</tr>
<tr>
<td>Body</td>
<td>brass</td>
<td>ØD 8mm - 5/16&quot;</td>
</tr>
<tr>
<td>Locking nut</td>
<td>brass</td>
<td>ØD 8mm - 5/16&quot;</td>
</tr>
<tr>
<td>Sleeve</td>
<td>polyamide</td>
<td>ØD 8mm - 5/16&quot;</td>
</tr>
<tr>
<td>Tube support</td>
<td>stainless steel</td>
<td>ØD 8mm - 5/16&quot;</td>
</tr>
<tr>
<td>Grab ring</td>
<td>stainless steel</td>
<td>ØD 8mm - 5/16&quot;</td>
</tr>
<tr>
<td>Release button</td>
<td>polyamide</td>
<td>ØD 8mm - 5/16&quot;</td>
</tr>
</tbody>
</table>

**Products**

**F8UNDFB-V**
Brass, NBR

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10x7.5 M16x1.5</td>
<td>F8UNDFB10M16V</td>
</tr>
<tr>
<td>12x9 M16x1.5</td>
<td>F8UNDFB12M16V</td>
</tr>
<tr>
<td>16x12 M16x1.5</td>
<td>F8UNDFB16M16V</td>
</tr>
</tbody>
</table>

**C8UNDFB-V**
Brass, NBR

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10x7.5 M22x1.5</td>
<td>C8UNDFB10M22V</td>
</tr>
<tr>
<td>12x9 M22x1.5</td>
<td>C8UNDFB12M22V</td>
</tr>
<tr>
<td>16x12 M22x1.5</td>
<td>C8UNDFB16M22V</td>
</tr>
</tbody>
</table>

**F8USAEBV**
Brass, NBR

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8mm - 5/16&quot; M12x1.5</td>
<td>M12-8FUSAEBV</td>
</tr>
<tr>
<td>9.5mm - 3/8&quot; M12x1.5</td>
<td>M12-9.5FUSAEBV</td>
</tr>
<tr>
<td>10mm - 7/16&quot; M12x1.5</td>
<td>M12-10FUSAEBV</td>
</tr>
<tr>
<td>16mm - 5/8&quot; M12x1.5</td>
<td>M12-16FUSAEBV</td>
</tr>
<tr>
<td>12mm</td>
<td>M16-12FUSAEBV</td>
</tr>
</tbody>
</table>

*SAE J2044 nominal coupling size*
PA Tubing DIN74324

In addition to our range of fittings, we have a tubing offer which meets the performance requirements of DIN 74324-1 and DIN 73378 standards.

Product Advantages

**Time Saving in Assembly**
- Packaging according to customer requirements.
- Tube cutting to the required length upon special request.
- All length tube marking for immediate identification and easy handling.
- Customised tube marking on demand (fluid identification, customer part number etc...).

**Options of Material Supply**
- Validated alternative materials meeting the performance requirements of DIN 74324-1 and ISO 7628, available on-request.

**Quality and Traceability of our Products**
- Premium and pure raw material required from our suppliers.
- Continuous calibration during production for excellent reliability.
- Traceability with marking of manufacturing batch.
- Coloured tubing on-request for easy circuit identification.

Technical Characteristics

<table>
<thead>
<tr>
<th>Tubing</th>
<th>Semi-Rigid PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible Fluids</td>
<td>Compressed air, other fluids</td>
</tr>
<tr>
<td>Working Pressure</td>
<td>Vacuum to 50 bar, Subject to temperature</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>-40°C to +100°C</td>
</tr>
</tbody>
</table>

**Regulations**

Chemical performance and resistance tested according to DIN 74324-1 / DIN 73378 / ISO 7628

**Packaging**
- Reels
- Drum up to 1000m
- 25m tubepack

Reliable performance is dependent upon the type of fluid conveyed and fittings being used. Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

All our systems are in-house lab-tested to guarantee you the perfect sealing between our tubes and connectors.

As we are experts in Fluid Handling Solutions, we also support you in selecting the optimum tubing solution for your application.
Guaranteed for use with a vacuum of 740 mm Hg (97% vacuum).

Product Advantages

Silencers are designed for installation on exhaust circuits.

Variety Offer

With pneumatic or electro-pneumatic control, it avoids many of the restrictions.

Threads: G3/8, G1/2, G3/4, G1, G1¼, G1½, G2

Technical Characteristics

<table>
<thead>
<tr>
<th>Pressure</th>
<th>Working</th>
<th>Compressed air</th>
<th>Fluids</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25</td>
<td>0.35</td>
<td>550 bar</td>
<td></td>
</tr>
</tbody>
</table>
Design & Engineering:
- Co-creation & validation loop with the user (Design thinking approach)
- Customer product validation with our prototyping department (3D printing, plastic injection, machining components)
- Integration of our product data into your information systems
- 2D and 3D Drawings available in your format

Special Products:
- Ability to modify or adapt our products on demand: shape modification, temperature range, chemical compatibility… Longer threads, different types of seal, special additives and materials, custom colours, customised marking, specific packaging, pre-formed tubing, packaged solutions… are all parameters which we can easily modify
- Design of your unique product: manifolds, fittings with silencer Two-in-one, wheel valves for tyre pressure management…

Quality Management:
- Technical support all the product lifetime
- PPAP
- Certificates of conformity for our products

Supply Chain Support:
- On time delivery guarantee
- Improved Stock: management, packaging, bar codes and customized labels

Customer Support
As partners in your plans, we offer you support and guidance in your projects. FSCE has implemented a platform organization dedicated to OEM customers. As we know your application, as we carry all required in-house capabilities, we can deliver fully adapted solutions.

Our team is at your service, please do not hesitate to consult us.
Inventor of push-to-connect technology
We constantly strive to design, manufacture & customize
Innovative fluid handling solutions

Solving the World’s Greatest Transportation Challenges
Our goal is to develop innovative products that serve the needs of humanity, meet emission legislation requirements, and reduce fuel consumption.

www.parkerlegris.com
At Parker, we’re guided by a relentless drive to help our customers become more productive and achieve higher levels of profitability by engineering the best systems for their requirements. It means looking at customer applications from many angles to find new ways to create value. Whatever the motion and control technology need, Parker has the experience, breadth of product and global reach to consistently deliver. No company knows more about motion and control technology than Parker. For further info call 00800 27 27 5374.

### Aerospace
**Key Markets**
- Aircraft services
- Commercial transports
- Engines
- General & business aviation
- Helicopters
- Launch vehicles
- Military aircraft
- Missiles
- Power generation
- Regional transports
- Unmanned aerial vehicles

### Climate Control
**Key Markets**
- Agriculture
- Air conditioning
- Construction Machinery
- Food & beverage
- Industrial machinery
- Life sciences
- Oil & gas
- Procedural cooling
- Process
- Refrigeration
- Transportation

### Electromechanical
**Key Markets**
- Aerospace
- Factory automation
- Life science & medical
- Machine tools
- Packaging machinery
- Paper machinery
- Plastic machinery & converting
- Primary metals
- Semiconductors & electronics
- Textile
- Wire & cable

### Filtration
**Key Markets**
- Aerospace
- Food & beverage
- Industrial plant & equipment
- Life sciences
- Marine
- Mobile equipment
- Oil & gas
- Power generation & renewable energy
- Process
- Transportation
- Water Purification

### Sealing & Shielding
**Key Markets**
- Aerospace
- Chemical processing
- Consumer
- Fluid power
- General industrial
- Information technology
- Life sciences
- Microelectronics
- Military
- Oil & gas
- Power generation
- Renewable energy
- Telecommunications
- Transportation

### Fluid & Gas Handling
**Key Markets**
- Aerial lift
- Agriculture
- Bulk chemical handling
- Construction machinery
- Food & beverage
- Fuel & gas delivery
- Industrial machinery
- Life sciences
- Marine
- Mining
- Mobile
- Oil & gas
- Renewable energy
- Transportation

### Process Control
**Key Markets**
- Alternative fuels
- Biopharmaceuticals
- Chemical & refining
- Food & beverage
- Materials & buildings
- Medical & dental
- Microelectronics
- Nuclear Power
- Offshore oil exploration
- Oil & gas
- Pharmaceuticals
- Power generation
- Pulp & paper
- Steel
- Water/wastewater

### Hydraulics
**Key Markets**
- Aerial lift
- Agriculture
- Alternative energy
- Construction machinery
- Flexibility
- Industrial machinery
- Machine tools
- Marine
- Material handling
- Mining
- Oil & gas
- Power generation
- Refuse vehicles
- Renewable energy
- Truck hydraulics
- Turbine equipment

### Pneumatics
**Key Markets**
- Aerospace
- Conveyer & material handling
- Factory automation
- Life sciences & medical
- Machine tools
- Packaging machinery
- Transportation & automobile

### Key Products
- Agriculture: Conveyors & material handling, factory automation, life sciences & medical, machine tools, packaging machinery, transportation & automobile.
- Fluid & gas handling: Aerial lift, agriculture, bulk chemical handling, construction machinery, food & beverage, fuel & gas delivery, industrial machinery, life sciences, marine, mining, mobile, oil & gas, renewable energy, transportation.
- Hydraulics: Aerial lift, agriculture, alternative energy, construction machinery, flexibility, industrial machinery, machine tools, marine, material handling, mining, oil & gas, power generation, refuse vehicles, renewable energy, truck hydraulics, turbine equipment.
- Pneumatics: Aerospace, conveyer & material handling, factory automation, life sciences & medical, machine tools, packaging machinery, transportation & automobile.
- Key markets include: Aerospace, chemical processing, consumer, fluid power, general industrial, information technology, life sciences, microelectronics, military, oil & gas, power generation, renewable energy, telecommunications, transportation.