Self-Fastening Barb Connectors for NBR Hose

This range of fittings is designed to meet the requirements of the automotive and robotics industries, combining as it does optimum CNOMO manufacturing quality, simple installation, reliable operation and a long service life.

Product Advantages

**Perfect for Self-Fastening NBR Hose**
- Quick and simple to install
- Compatible with the Parker Legris range of brass compression fittings
- Mechanical properties proven for use in industrial robotic installations
- Spark-resistant

**Ergonomic and Time-Saving**
- Fitting does not require lubrication or clamping, reducing assembly time
- Visual stop confirms installation is correct and improves operating safety
- Removal by cutting the tube
- The fitting can be re-used if necessary

Technical Characteristics

<table>
<thead>
<tr>
<th>Compatible Fluids</th>
<th>Coolants, compressed air</th>
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</thead>
<tbody>
<tr>
<td>Working Pressure</td>
<td>0 to 16 bar</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>0°C to +100°C (water)</td>
</tr>
<tr>
<td></td>
<td>-20°C to +70°C (air)</td>
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<tr>
<td>Tightening Torque, Type 0132</td>
<td></td>
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<tr>
<td>DN 6</td>
<td>0.7</td>
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<td>daN.m</td>
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Reliable performance is dependent upon the type of fluid conveyed and hose being used.

### Component Materials

- **Body**: brass
- **Collar**: engineering polymer

Silicone-free

**Applications**

- Welding Robots
- Pneumatics
- Compressed Air Systems
- Automotive Process
- Cooling

**Regulations**

- **Industrial**
  - DI: 2002/95/EC (RoHS), 2011/65/EC
  - DI: 97/23/EC (PED)
- **RG**: 1907/2006 (REACH)
- **CNOMO**: E07.21.115N

Self-Fastening Hose Assembly Machine

Machine designed to assemble a barb connector and a self-fastening NBR hose.

**Machine part number:** 0650 00 00 05

**Tube Cutting and Positioning**
Cut the hose square and position the barb connector on the mounting tool.

**Press-Fitting the Tube**
Activate the press-fit tool; connection is complete when the tube is fully home on the barb connector. This tool has been designed for use with 5 different diameters and is easy to operate.