

# GOK

Komponenten • Lösungen • Systeme



## **Assembly instructions – Universal connection fitting type UA**

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### Universal connection fitting type UA PS 16 bar

Compression fitting, type G according to EN 12514:2022 annex L.3.1. Metal compression fitting to connect a pipe and a GOK fitting with cylindrical female thread G 3/8-UA.

Maximum permitted pressure PS 16 bar. Only use the GOK universal connection fitting as a complete unit.

Pipe	Connection fitting type UA			
Copper pipe according to EN 1057, EN 12449, EN 13349 Material: CW024 A or other copper alloys	<b>Pressure screw</b> with cylindrical male thread G 3/8 M according to EN ISO 228-1	<b>Pressure sleeve</b> as spacer ring for OD 6 or 8 mm	<b>Clamping ring</b> with end stop for OD 6, 8 or 10 mm	<b>Reinforcement ring</b> made from brass for copper pipes according to the wall thickness of the pipe, e.g. 6 x 1

OD = Outer diameter of the pipe

	<p>Cut pipe off at a right angle. An angle tolerance of 0.5° is admissible. Do not use a pipe cutter or disc grinder. Lightly deburr the ends of the pipe inside and outside. Maximum permitted chamfer 0.2 x 45°. Clean the pipe.</p> <p><b>NOTE:</b> Deviations in the shape at the pipe end, such as pipes sawn at an angle or not deburred properly will reduce the life and seal tightness of the connection.</p>
	<p><b>For all thin-walled pipes and soft pipe materials:</b> Insert reinforcement ring into the pipe up to the knurl edge. Hammer the reinforcement ring in fully with a hammer (plastic or rubber). This presses the knurl neck into the inner wall of the pipe and stops the reinforcement ring moving around or falling out.</p>
<p>OD 6 mm</p> <p>OD 8 mm</p> <p>OD 10 mm</p>	<ul style="list-style-type: none"> <li>• Lightly oil the thread of the pressure screw;</li> <li>• Handle the sealing edge of the clamping ring with care (do not damage it).</li> <li>• Push the pressure screw, and if applicable, the pressure sleeve (6 and 8 mm pipes) and the clamping ring on to the pipe with the end stop side facing the end of the pipe;</li> <li>• Tighten the pressure screw by hand until you feel that the fitting tapped hole ①, clamping ring and pressure screw are touching;</li> <li>• Push the pipe against the end stop in the fitting tapped hole.</li> </ul>

### Final assembly:

Tighten the pressure screw by approx 1 1/2 turns with an open-end spanner, brace the fitting housing on the spanner flat with another open-end spanner.

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**Seal tightness:**

According to the applicable installation and building specifications for piping it is recommended that the seal tightness of each compression fitting is checked with a test and/or operating medium at the test and/or operation pressure after assembly has been completed, e.g. by means of a foaming medium according to EN 14291.

** WARNING**

- Fittings and parts of fittings may be dismantled and/or retightened only when the system has been fully depressurised.
- Every time the pipe connection is loosened, use a new clamping ring when reassembling it
- Compression fittings of the types A, G or O according to EN 12514:2022 are not compatible and must not be mixed.