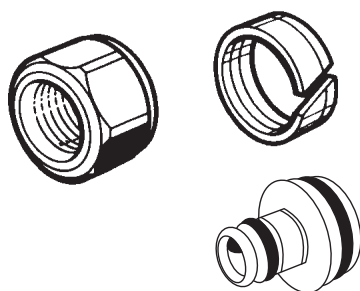


PRODUCT SUBMITTAL 973

Product: **R-20 Brass Manifold Connections**

Date: **30 April 2013**



Article No.	Nominal Connection Size
200546-001	10.1 mm RAUPEX x R-20 Brass Manifold Outlet

TECHNICAL DESCRIPTION

Specification	For use with pipe in acc. DIN 16892 and ISO 15875
Material	Brass according to DIN EN 12164 to 12168 and EPDM O-ring

FUNCTIONAL DESCRIPTION

R-20 connections are for use with RAUPEX[®] (PEXa) pipes and PRO-BALANCE[®] brass heating manifolds. These compression nut-type connections install without special tools.

Fittings include barbed insert with installed O-ring, split brass ring and compression nut.

Follow the detailed installation instructions that are included with the manifolds and summarized here:

1. After cutting the pipe square and clean, slide the nut over the end of the pipe. Push the split ring over the pipe and align it at the end.
2. Insert the barbed insert into the pipe, being sure to insert the fitting completely.
3. Align the fitting with the manifold outlet and push the fitting into the manifold.
4. Hand-tighten the compression nut onto the manifold outlet until it stops turning.
5. Finish tightening with a wrench, turning the nut no more than 1/2 turn after hand-tight.
6. Do not over tighten, as this may destroy the O-ring or distort the split ring. Be sure to check tightness after the first heat cycle(s).

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