

## Datasheet

# Accessories - Compression Fittings

### Application

#### Compression fittings for PEX plastic tubing

Compression fittings are for connecting Danfoss valves to circuits in heating systems only. Compression fittings are used for connecting PEX plastic tubings in accordance with DIN 16893 and DIN 4726.

Maximum operating pressure and temperature are given by the tubing manufacturer. However, 6 bar and 95° C must not be exceeded.

One set consists of one olive, one supporting bush and one union nut.



*External thread*

*Internal thread*

### Ordering

Connection	For:	Tube dimension	Code no.
G 1/2" A, external thread	RA-N 15, RA-FN 15, RA-U/UN 15, RLV 15, RA 15/6T, FJVR 15, RA-URX, RA-DV, RLV-S Single entry valves	12x1.1 mm	<b>013G4143</b>
		12x2 mm	<b>013G4142</b>
		14x2 mm	<b>013G4144</b>
		15x2.5 mm	<b>013G4147</b>
		16x2 mm	<b>013G4146</b>
G 3/4", internal thread	RA-K, RA-KE, RA 15/6T, RA-C 15, FHV-R, Manifold CFD, FHF, AVDO 15, VMT 15, RLV-K 15, RLV-KDV Couplings, single entry valves	12x2 mm	<b>013G4152</b>
		13x2 mm	<b>013G4153</b>
		14x2 mm	<b>013G4154</b>
		15x2.5 mm	<b>013G4155</b>
		16x1.5 mm	<b>013G4157</b>
		16x2 mm	<b>013G4156</b>
		16x2.2 mm	<b>013G4163</b>
		17x2 mm	<b>013G4162</b>
		18x2 mm	<b>013G4158</b>
		18x2.5 mm	<b>013G4159</b>
		20x2 mm	<b>013G4160</b>
		20x2.5 mm	<b>013G4161</b>

*Max. flow temperature: 95° C.*

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## Accessories - Compression Fittings

### Application

#### Compression fittings for Alupex tubing

Compression fittings are for connecting Danfoss valves to circuits in heating systems only. When connecting circuits with compression fittings for Alupex tubing, always observe the maximum operating pressure and temperature which are given by the tubing manufacturer. However, 6 bar and 95° C must not be exceeded. One set consists of one olive, one supporting bush, one insulation washer and one union nut.



External thread

Internal thread

### Ordering

Connection	For:	Tube dimension	Code no.
G 1/2" A, external thread	RA-N 15, RA-FN 15, RA-U/UN 15, RA-15/6T, RLV 15, RA-URX, FJVR 15, RA-DV 15, RLV-S 15 Single entry valves	12x2 mm	<b>013G4172</b>
		14x2 mm	<b>013G4174</b>
		16x2 mm	<b>013G4176</b>
G 3/4", internal thread	RA-K, RA-KE, RA-15/6T, RA-C 15, FHV-R, Manifold CFD, VMT 15, AVDO 15, RLV-KS 15, RLV-KDV	12x2 mm	<b>013G4182</b>
		14x2 mm	<b>013G4184</b>
		15x2.5 mm	<b>013G4185</b>
		16x2 mm	<b>013G4186</b>
		16x2.25 mm	<b>013G4187</b>
		18x2 mm	<b>013G4188</b>
		20x2 mm	<b>013G4190</b>
		20x2.5 mm	<b>013G4191</b>

Max. flow temperature: 95° C.

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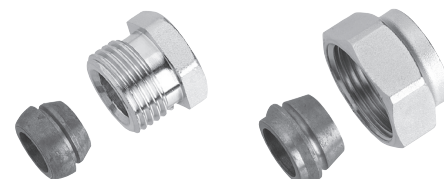
### Application

#### Compression fittings for steel and copper tubing

Compression fittings are for connecting Danfoss valves to circuits in heating systems only. Compression fittings are used for connecting steel and copper pipes in accordance with EN10305-1 and EN1057.

Always observe the maximum operating pressure and temperature which are given by the tubing manufacturer: **10 bar** and **120°C**

One set consists of one olive and one union nut. It is recommended to use supporting bushes with soft pipes.



External thread

Internal thread

### Ordering

Connection	For:	Tube dimension	Code no.
G 3/8" A, external thread	RA-N 10, RA-FN 10, RA-U/UN 10, RLV 10, FJVR 10, RA-DV 10	10 mm	<b>013G4100</b>
		12 mm	<b>013G4102</b>
G 1/2" A, external thread	RA-N 15, RA-FN 15, RA-U/UN 15, FJVR 15, RA 15/6T, RLV 15, RA-URX, KOVN, RA-DV 15, RLV-S 15 Single entry valves	8 mm	<b>013G4108</b>
		10 mm	<b>013G4110</b>
		12 mm	<b>013G4112</b>
		14 mm	<b>013G4114</b>
		15 mm	<b>013G4115</b>
		16 mm	<b>013G4116</b>
G 3/4" A, internal thread	RA 15/6T, RA-K, RA-KE, Manifold CFD, RA-C 15, VMT 15, FHV-R, AVDO 15, RLV-KD, RLV-KDV	10 mm	<b>013G4120</b>
		12 mm	<b>013G4122</b>
		14 mm	<b>013G4124</b>
		15 mm	<b>013G4125</b>
		16 mm	<b>013G4126</b>
		18 mm	<b>013G4128</b>

Max. flow temperature: 120° C.

**Danfoss A/S**

Heating Segment • [heating.danfoss.com](http://heating.danfoss.com) • +45 7488 2222 • E-Mail: [heating@danfoss.com](mailto:heating@danfoss.com)

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