

## Data Sheet

# 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 16892/16893.

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

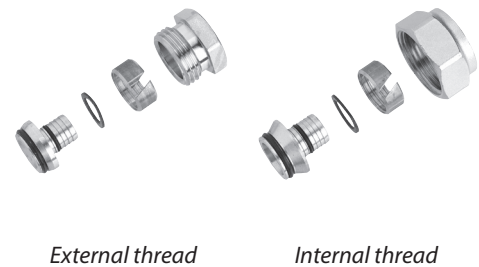
Connection	For:	Tube dimension	Code no.
G 1/2" A, external thread	RA-N 15, RA-FN 15, RA-U/UN 15, RLV 15, single entry valves	12x1.1 mm	<b>013G4143</b>
		12x2 mm	<b>013G4142</b>
		14x2 mm	<b>013G4144</b>
		15x2.5 mm	<b>013G4147</b>
		16x2 mm	<b>013G4146</b>
G 3/4", internal thread	Couplings, single entry valves, manifold CFD, RLV-K	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.

**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, 10 bar and 95° C must not be exceeded. One set consists of one olive, one supporting bush, one insulation washer and one union nut.



**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, 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, RLV-K	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.

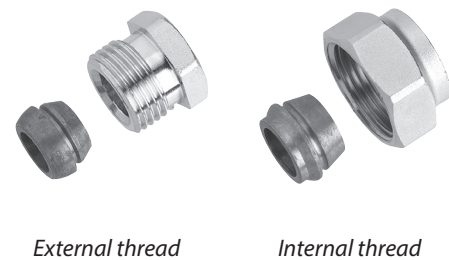
**Application**

**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 DIN 1786/2391.

Always observe the maximum operating pressure and temperature which are given by the tubing manufacturer. However, 10 bar and 120°C must not be exceeded.

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



**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	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, RLV 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>	

Ordering (cont.)

Connection	For:	Tube dimension	Code no.
G 3/4" A, internal thread	Couplings, single entry valves, manifold CFD, RLV-K, RA-C	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.

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