

**perma STAR VARIO /
perma STAR CONTROL**
max. 5 m*



Art. No. 109420



Art. No. 104862



perma NOVA
max. 2 m*



perma FLEX
max. 2 m*



Art. No. 101427



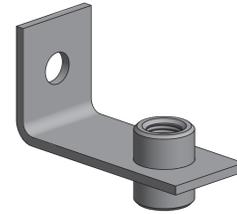
perma FUTURA
max. 1 m*



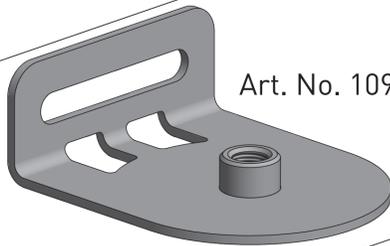
perma CLASSIC
max. 1 m*



Art. No. 104862



Art. No. 109685



Art. No. 109663

< +80 °C



Art. No. 101391



Art. No. 104822



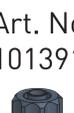
Art. No. 101496



Art. No. 101497



Art. No. 101393



Art. No. 101391



Art. No. 104822



Art. No. 101496



Art. No. 101497

< +260 °C

Art. No. 104867



Art. No. 101394

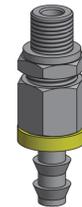


Art. No. 104867



< +100 °C

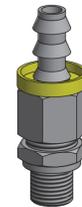
Art. No. 101554



Art. No. 101555



Art. No. 101554



< +260 °C

Art. No. 104868



500 mm
Art. No. 113864

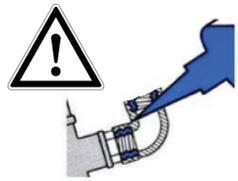
1000 mm
Art. No. 101549

1500 mm
Art. No. 101550

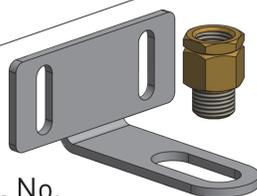
Art. No. 104868



All metal to metal connections must be glued together with Loctite® 243™ (Art. No. 110278).



Art. No. 104864



Art. No. 104862



Art. No. 104889



Art. No. 104863



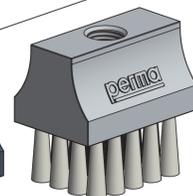
Art. No. 101396



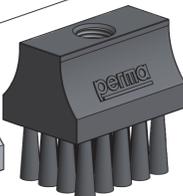
Art. No. 101397



Art. No. 101402



Art. No. 101405



* depending on lubricant and ambient temperature

Scale:	Date:	Material:	Description:
A1	27.08.2015		
Revision / drawn:	Part No.:		
B / sbr			



Support flanges

- 101427 Support flange FLEX Gen 2.0 G1/4 male x G1/4 female (brass / plastic)
- 109420 Support flange STAR Gen 2.0 G1/4 male x G1/4 female (brass / plastic)

Mounting Brackets

- 109685 Mounting Bracket CLASSIC, FUTURA, FLEX, NOVA 1-point G1/4 female (stainless steel)
- 109663 Mounting Bracket STAR Standard Duty 1-point G1/4 female (stainless steel)

Tube up +80 °C

- 101393 Tube up to +80 °C oØ 8 mm x iØ 6 mm (PA)
- 101391 Tube connector G1/4 male for tube oØ 8 mm (alu / plastic)
- 104822 Tube connector G1/4 male for tube oØ 8 mm (brass)
- 101496 Tube connector G1/4 male for tube oØ 8 mm straight (brass, nickel-plated)
- 101497 Tube connector G1/4 male for tube oØ 8 mm 90° - rotary type (brass, nickel-plated)

Tube up to +260 °C

- 101394 Tube up to +260 °C oØ 8 mm x iØ 6 mm (PTFE)
- 104867 Tube connector G1/4 male for tube oØ 8 mm (stainless steel)

Heavy Duty hose up to +100 °C

- 101555 Heavy Duty hose up to +100 °C oØ 16 mm x iØ 9.5 mm (with NBR lining and fabric insert)
- 101554 Hose connector G1/4 male for hose iØ 9.5 mm - push-lock (steel, zinc-plated)

Tube up to +260 °C

- 113864 Tube up to +260 °C oØ 12 mm x iØ 8 mm 500 mm (PTFE / stainless steel)
- 101549 Tube up to +260 °C oØ 12 mm x iØ 8 mm 1000 mm (PTFE / stainless steel)
- 101550 Tube up to +260 °C oØ 12 mm x iØ 8 mm 1500 mm (PTFE / stainless steel)
- 104868 Cutting ring coupling R1/4 male for oØ 8 mm straight (stainless steel)

Oil retaining valves

- 104862 Oil retaining valve G1/4 male x G1/4 female up to +60 °C (brass with plastic valve)
- 104889 Oil retaining valve G1/4 male x G1/4 female up to +60 °C (stainless steel with plastic valve)
- 104863 Oil retaining valve G1/4 male x G1/4 female up to +150 °C (brass with metal valve)
- 104864 Bracket (stainless steel)

Oil brushes

- 101396 Oil brush Ø20 mm G1/4 female
- 101397 Oil brush 40 x 30 mm G1/4 female thread on top (horsehair bristles for temperatures up to +80 °C)
- 101402 Oil brush 40 x 30 mm G1/4 female thread on top (PPS bristles for temperatures up to +180 °C)
- 101405 Oil brush 40 x 30 mm G1/4 female thread on top (steel bristles for temperatures up to +350 °C)

All metal to metal connections must be glued together with Loctite® 243™ (Art. No. 110278).

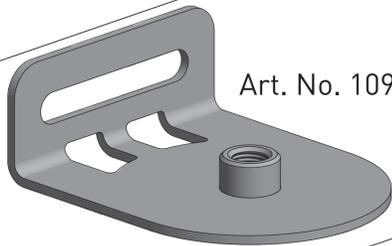
For more connecting parts please see our perma catalog at www.perma-tec.com

**perma STAR VARIO /
perma STAR CONTROL**
max. 5 m*



Art. No. 109420

Art. No. 104862



Art. No. 109663

perma NOVA
max. 2 m*



< +80 °C



Art. No. 101391



Art. No. 104822



Art. No. 101496



Art. No. 101497



Art. No. 101393

Art. No. 101391



Art. No. 104822



Art. No. 101496



Art. No. 101497

perma FLEX
max. 2 m*



Art. No. 101427

< +260 °C

Art. No. 104867



Art. No. 101394



Art. No. 104867



perma FUTURA
max. 1 m*



< +100 °C

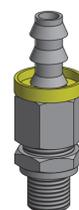
Art. No. 101554



Art. No. 101555



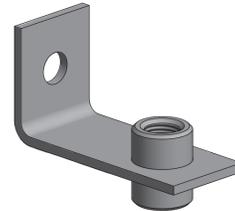
Art. No. 101554



perma CLASSIC
max. 1 m*

Art. No. 104862

Art. No. 109685



< +260 °C

Art. No. 104868

500 mm
Art. No. 113864

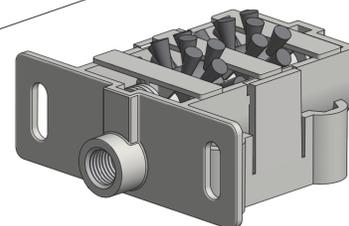
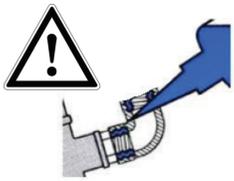
1000 mm
Art. No. 101549

1500 mm
Art. No. 101550

Art. No. 104868



All metal to metal connections must be glued together with Loctite® 243™ (Art. No. 110278).



Art. No. 101445

* depending on lubricant and ambient temperature

Scale:	Date:	Material:	Description:
A1	27.08.2015		
	Revision / drawn:	Part No.:	
	B / sbr		



Support flanges

- 101427 Support flange FLEX Gen 2.0 G1/4 male x G1/4 female (brass / plastic)
- 109420 Support flange STAR Gen 2.0 G1/4 male x G1/4 female (brass / plastic)

Mounting Brackets

- 109685 Mounting Bracket CLASSIC, FUTURA, FLEX, NOVA 1-point G1/4 female (stainless steel)
- 109663 Mounting Bracket STAR Standard Duty 1-point G1/4 female (stainless steel)

Tube up +80 °C

- 101393 Tube up to +80 °C oØ 8 mm x iØ 6 mm (PA)
- 101391 Tube connector G1/4 male for tube oØ 8 mm (alu / plastic)
- 104822 Tube connector G1/4 male for tube oØ 8 mm (brass)
- 101496 Tube connector G1/4 male for tube oØ 8 mm straight (brass, nickel-plated)
- 101497 Tube connector G1/4 male for tube oØ 8 mm 90° - rotary type (brass, nickel-plated)

Tube up to +260 °C

- 101394 Tube up to +260 °C oØ 8 mm x iØ 6 mm (PTFE)
- 104867 Tube connector G1/4 male for tube oØ 8 mm (stainless steel)

Heavy Duty hose up to +100 °C

- 101555 Heavy Duty hose up to +100 °C oØ 16 mm x iØ 9.5 mm (with NBR lining and fabric insert)
- 101554 Hose connector G1/4 male for hose iØ 9.5 mm - push-lock (steel, zinc-plated)

Tube up to +260 °C

- 113864 Tube up to +260 °C oØ 12 mm x iØ 8 mm 500 mm (PTFE / stainless steel)
- 101549 Tube up to +260 °C oØ 12 mm x iØ 8 mm 1000 mm (PTFE / stainless steel)
- 101550 Tube up to +260 °C oØ 12 mm x iØ 8 mm 1500 mm (PTFE / stainless steel)
- 104868 Cutting ring coupling R1/4 male for oØ 8 mm straight (stainless steel)

Oil retaining valves

- 104862 Oil retaining valve G1/4 male x G1/4 female up to +60 °C (brass with plastic valve)
- 104889 Oil retaining valve G1/4 male x G1/4 female up to +60 °C (stainless steel with plastic valve)
- 104863 Oil retaining valve G1/4 male x G1/4 female up to +150 °C (brass with metal valve)

Chain lubrication box

- 101445 Multipurpose chain lubrication box (plastic)

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For more connecting parts please see our perma catalog at www.perma-tec.com