

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

perma NOVA
max. 2 m*

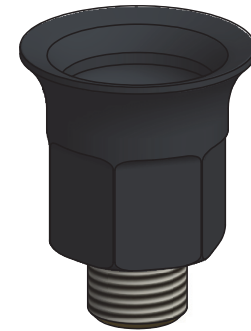
perma FLEX
max. 2 m*

perma FUTURA
max. 1 m*

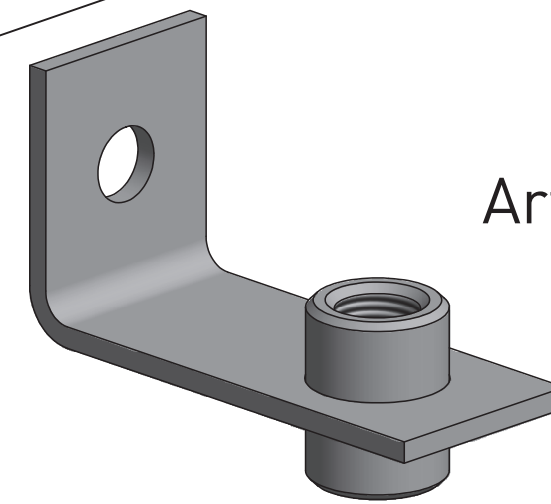
perma CLASSIC
max. 1 m*



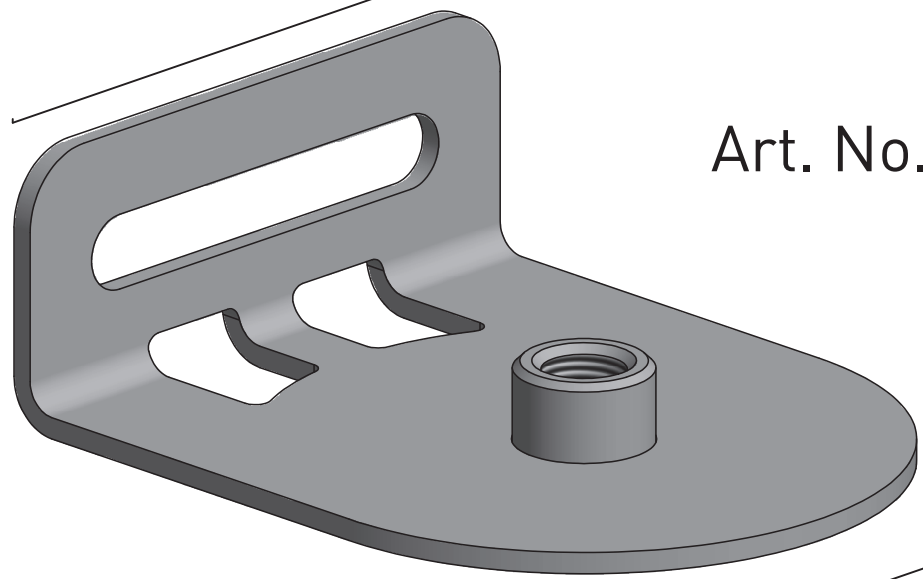
Art. No. 109420



Art. No. 101427

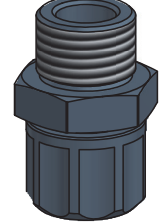


Art. No. 109685

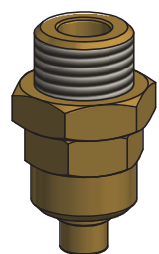


Art. No. 109663

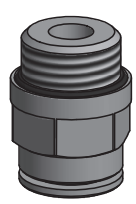
< +80 °C



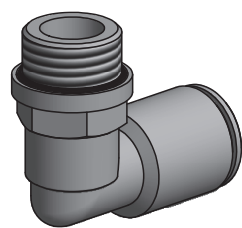
Art. No. 101391



Art. No. 104822



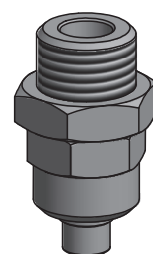
Art. No. 101496



Art. No. 101497



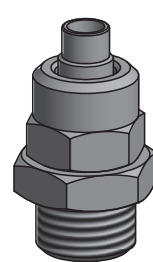
Art. No. 101393



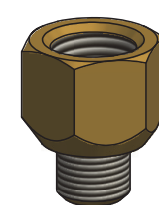
Art. No. 104867



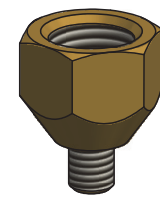
Art. No. 101394



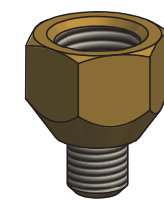
Art. No. 104867



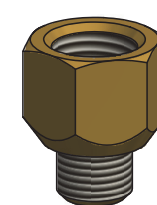
Art. No. 104833



Art. No. 104837



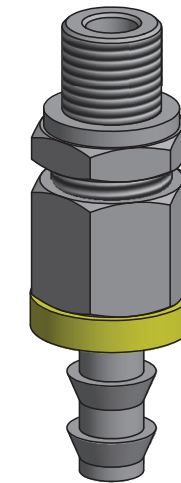
Art. No. 104838



Art. No. 104840

< +100 °C

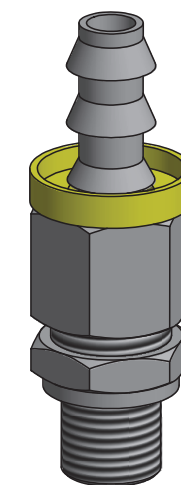
Art. No. 101554



Art. No. 101555

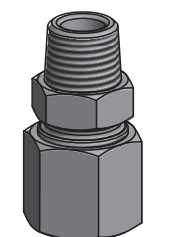


Art. No. 101554



< +260 °C

Art. No. 104868

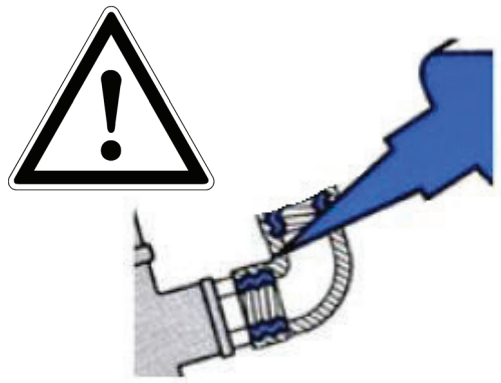
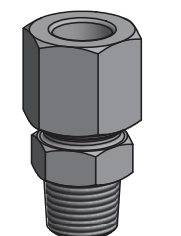


1000 mm
Art. No. 101549

1500 mm
Art. No. 101550



Art. No. 104868



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

* depending on lubricant and ambient temperature

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



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 to +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

- 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)

Reducers

- 104833 Reducer G1/8 male x G1/4 female (brass)
- 104837 Reducer M6 male x G1/4 female (brass)
- 104838 Reducer M8x1 male x G1/4 female (brass)
- 104840 Reducer M10x1 male x G1/4 female (brass)

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*

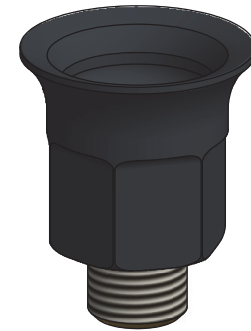


Art. No. 109420

perma NOVA
max. 2 m*



perma FLEX
max. 2 m*

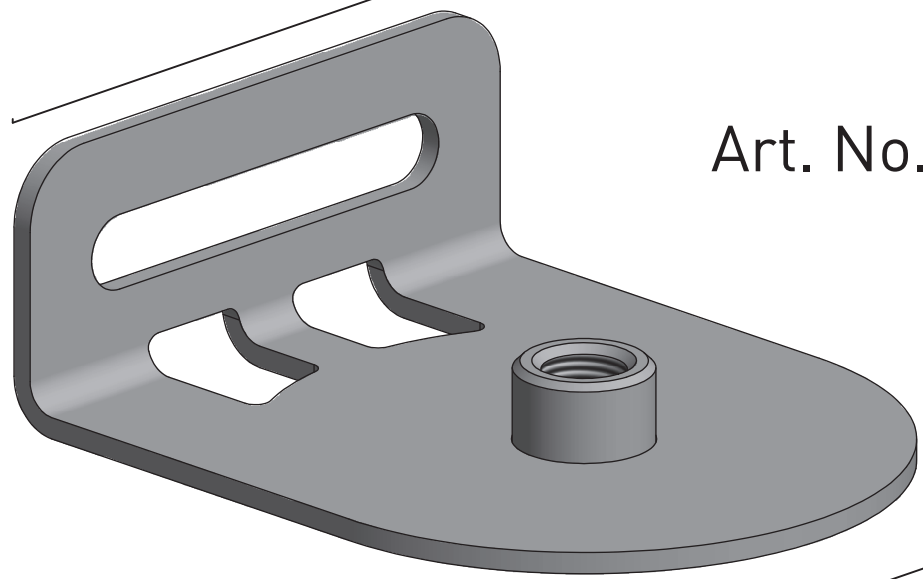


Art. No. 101427

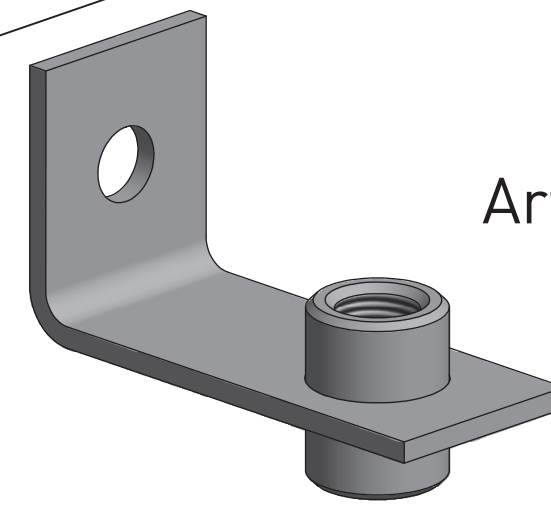
perma FUTURA
max. 1 m*



perma CLASSIC
max. 1 m*

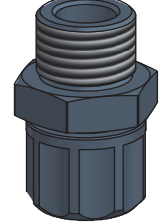


Art. No. 109663

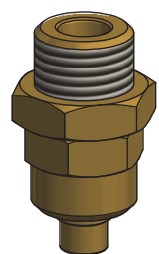


Art. No. 109685

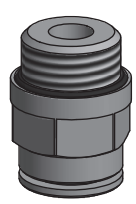
< +80 °C



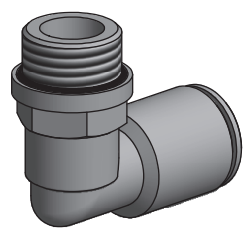
Art. No. 101391



Art. No. 104822



Art. No. 101496

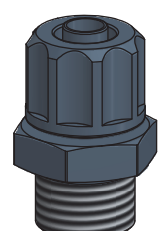


Art. No. 101497

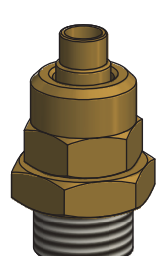


Art. No. 101393

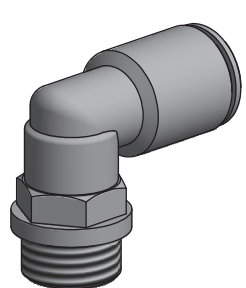
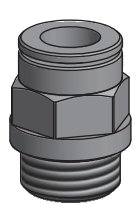
Art. No. 101391



Art. No. 104822

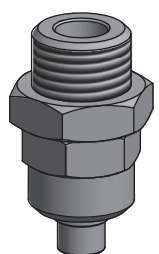


Art. No. 101496



Art. No. 101497

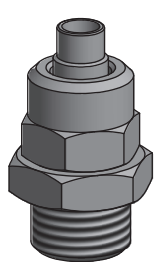
< +260 °C



Art. No. 104867



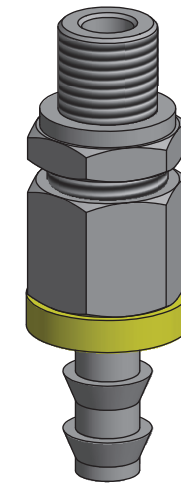
Art. No. 101394



Art. No. 104867

< +100 °C

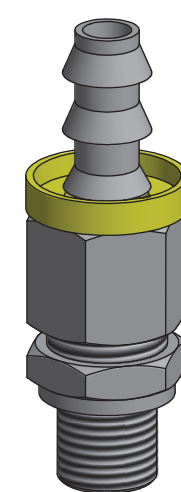
Art. No. 101554



Art. No. 101555



Art. No. 101554



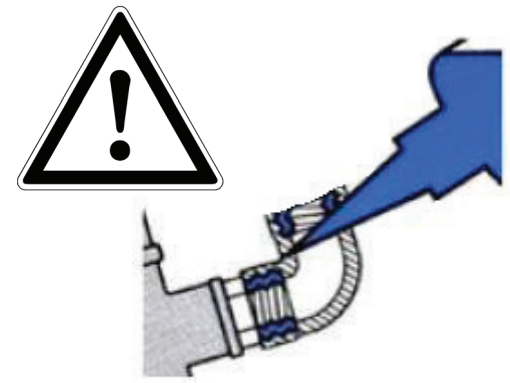
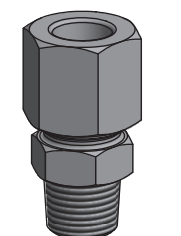
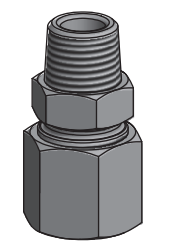
< +260 °C

Art. No. 104868

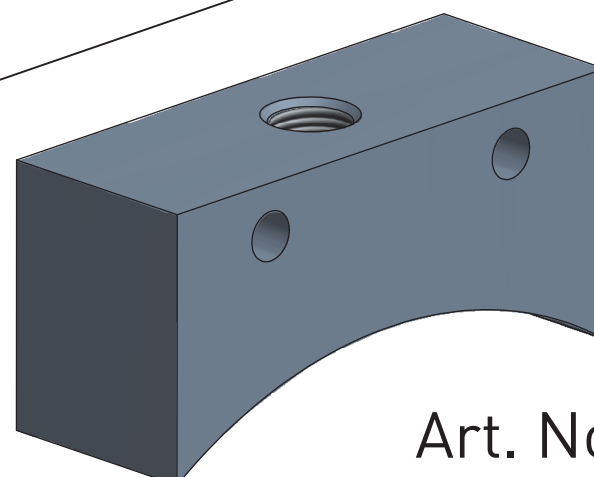
1000 mm
Art. No. 101549

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. 101444

* depending on lubricant and ambient temperature

Scale:	Date:	Material:	Description:
Size:	Revision / drawn:	Part No.	
A1	A / sbr		

perma
perma GmbH & Co. KG
42799 Solingen, Germany
Tel.: +49 204 890-0
Fax: +49 204 890-100

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 to +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

- 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)

Lubrication pocket

- 101444 Lubrication pocket for gear lubrication

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