



Special Documentation

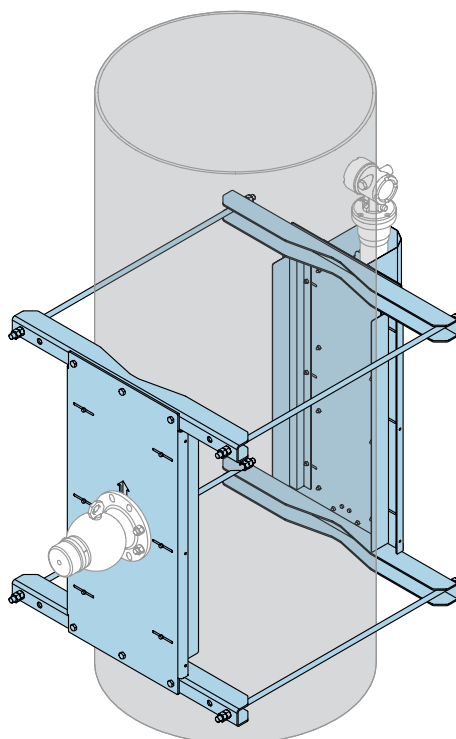
Clamping device for FQG61, FQG62 and FMG50 - PVT800

For pipes with an external diameter of 620 to 1030 mm (24.4 to 40.6 in)

Intended use

The clamping device is used to secure a radiometric measuring system on pipes with an external diameter of 620 to 1030 mm (24.4 to 40.6 in).

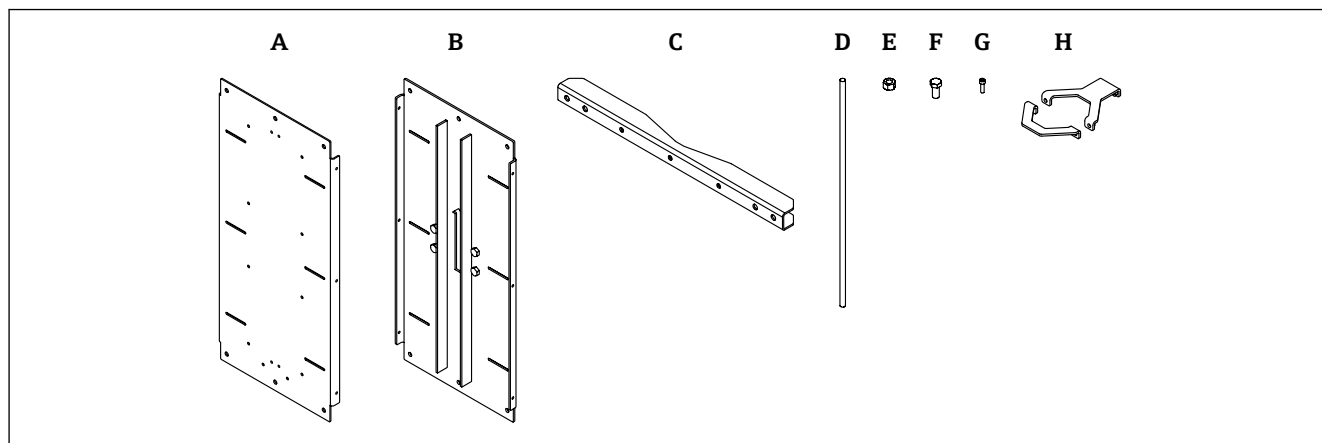
The radiometric measuring system comprises an FQG61 or FQG62 source housing and the Gammapiot FMG50 - PVT800 compact transmitter.



A0045872

Overview

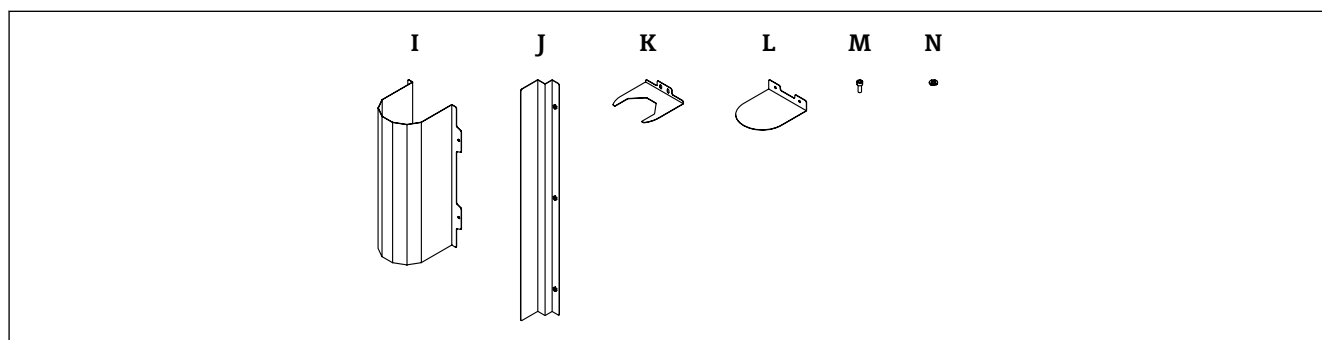
Clamping device



A0045820

- A 1 × retaining plate FMG50 - PVT800; 316L (1.4404)
- B 1 × retaining plate FQG61, FQG62; 316L (1.4404)
- C 4 × clamp; 316L (1.4404)
- D 4 × threaded rod DIN976-1 M16, A4
- E 20 × nut DIN EN ISO4032 M16, A4
- F 12 × screw DIN EN ISO4762 M12×25, A4
- G 8 × screw DIN EN ISO4762 M6×20, A4
- H 2 × pipe bracket Ø80 mm (3.15 in), 316L (1.4404)

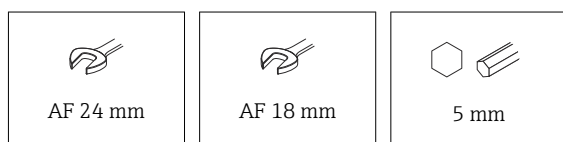
Protective guard



A0045821

- I 2 × protective guard cover FMG50 - PVT800; 316L (1.4404)
- J 4 × adjustable protective guard pipe
- K 1 × protective guard top; 316L (1.4404)
- L 1 × protective guard bottom; 316L (1.4404)
- M 20 × screw DIN EN ISO4762 M6×16, A4
- N 12 × washer DIN EN ISO7089-6, A4

Tools list



Safety instructions

⚠ CAUTION

Heavy components and devices

Risk of injury, damage to equipment

- Use hoists

⚠ CAUTION

Protruding threaded rods

Risk of injury

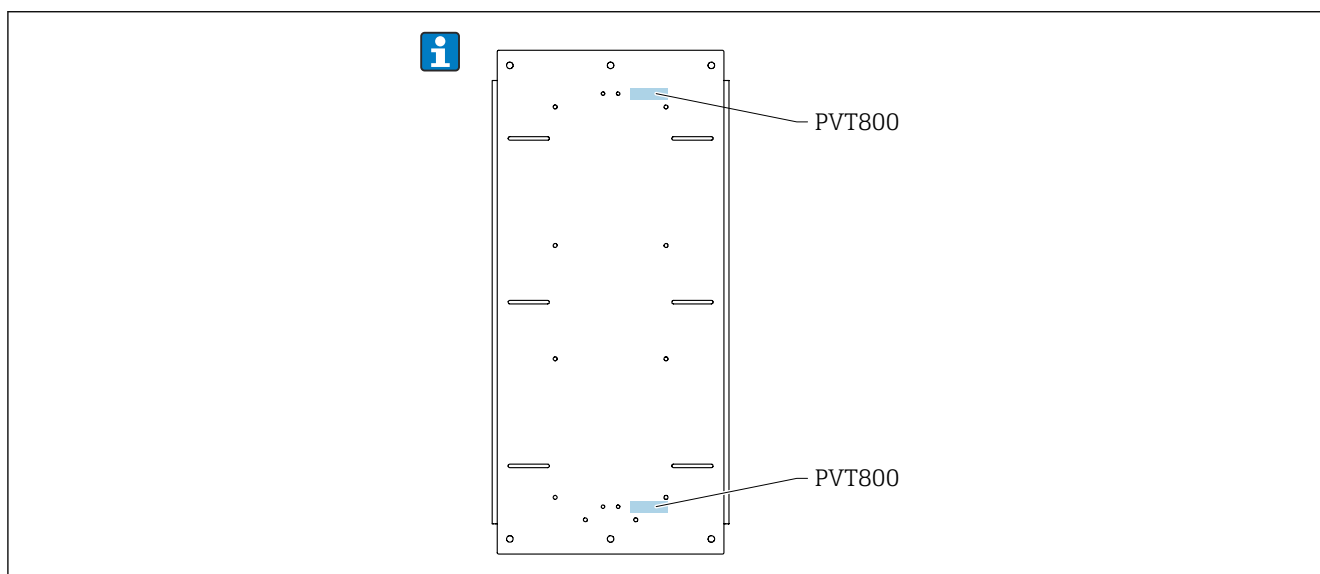
- After installation, shorten any protruding threaded rods

Mounting



- At least two people are required for the installation
- Mount the clamping device first and then mount the devices.
- Pay attention to the mounting position of the Gammapiilot FMG50.
- In the case of the FQG61 and FQG62, ensure that the lifting eye bolt is aligned.

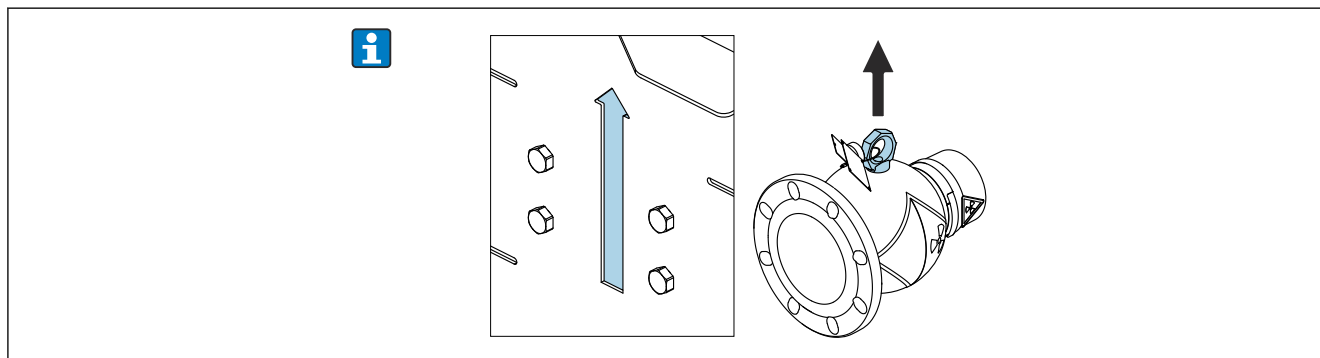
Mounting position of Gammapiilot FMG50 - PVT800



A0045862

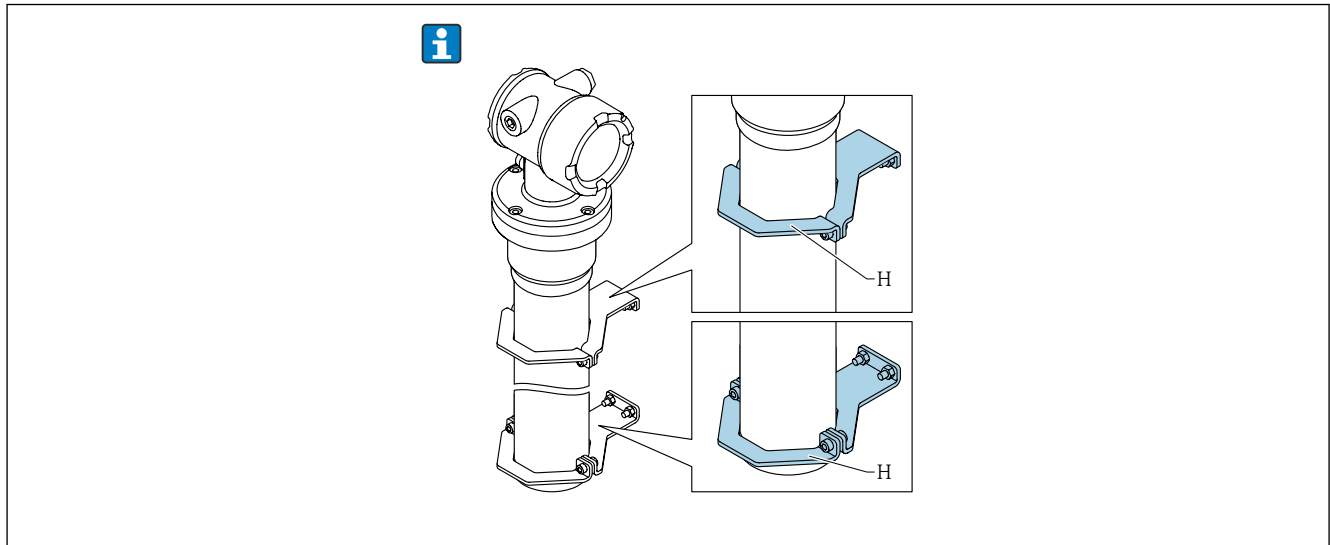
1 Mounting position of Gammapiilot

Alignment of source housing



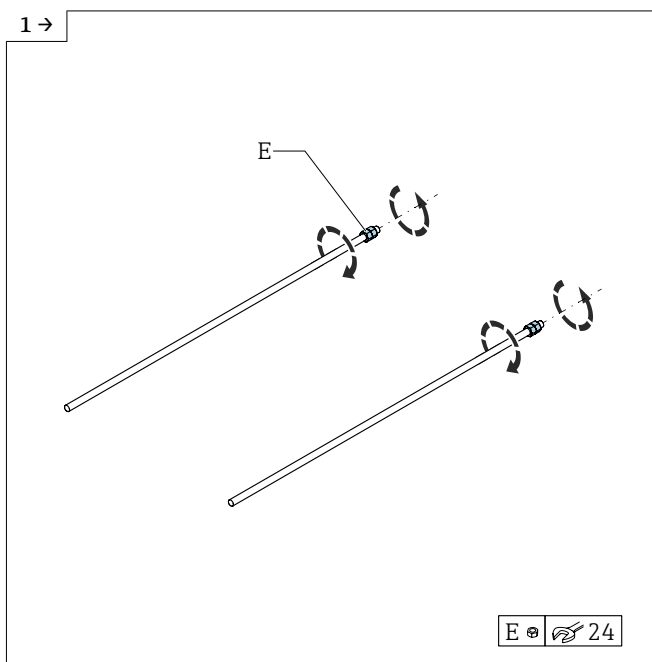
A0042096

2 Alignment of source housing

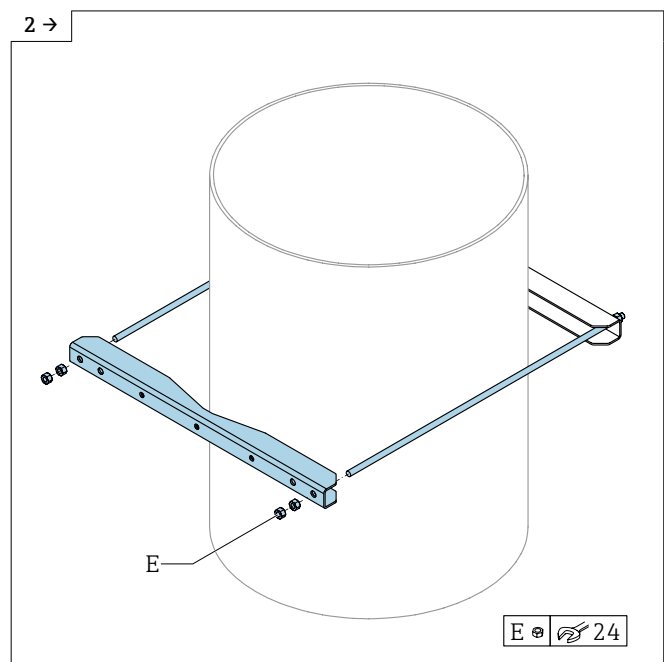
Mounting position of pipe bracket

A0045822

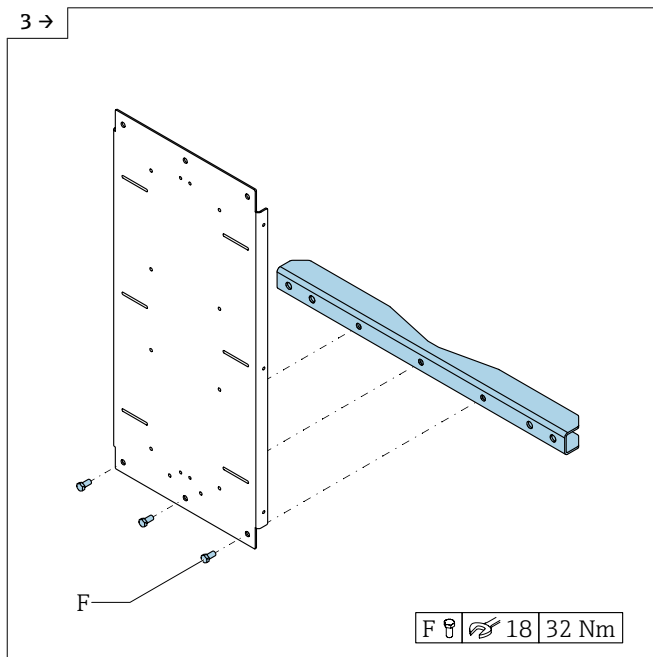
3 Mounting position of pipe bracket: FMG50 sensor - PVT800

Installation steps

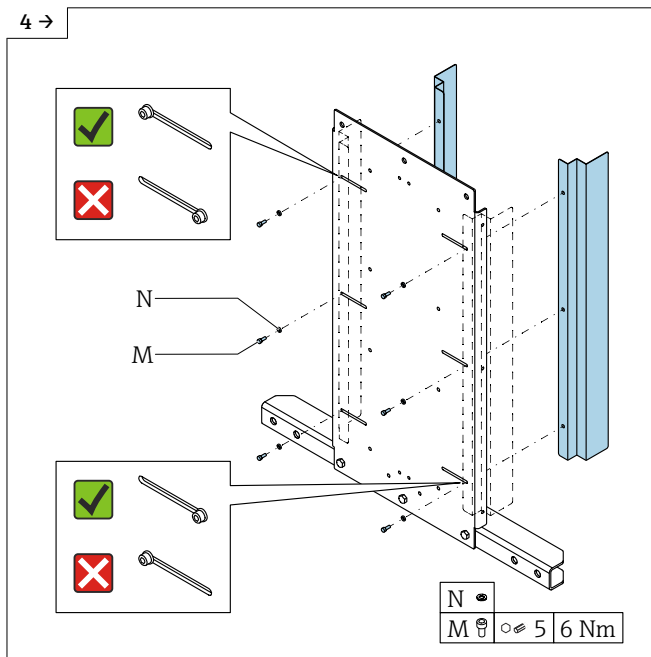
A0045848



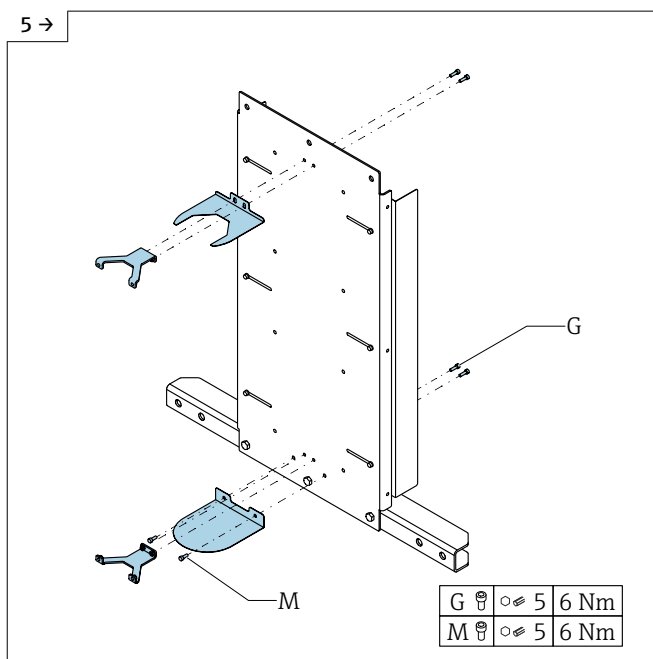
A0045849



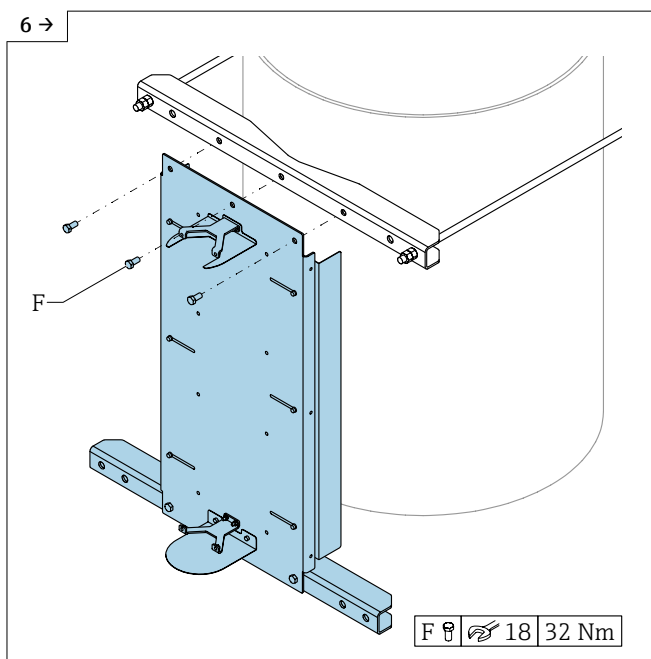
A0045850



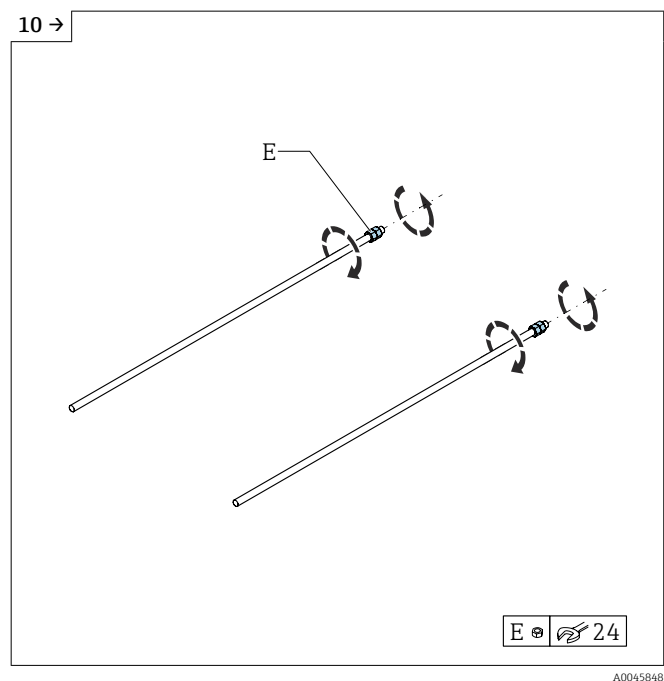
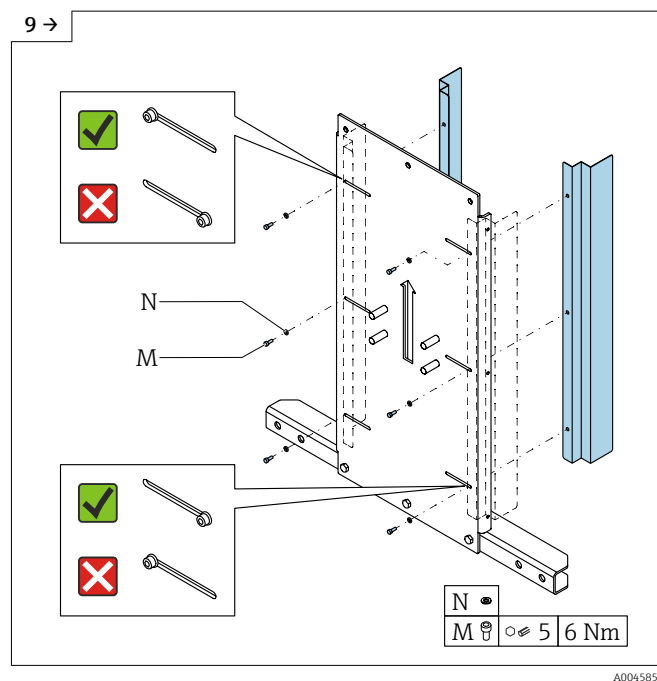
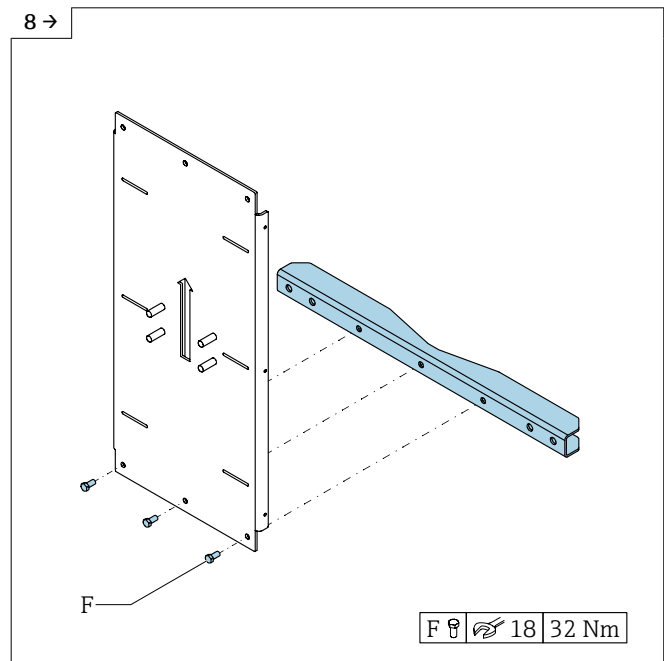
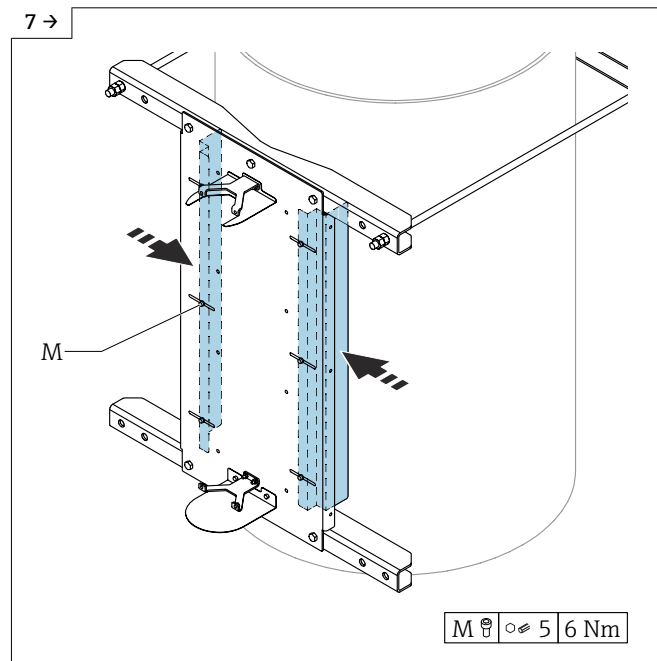
A0045851

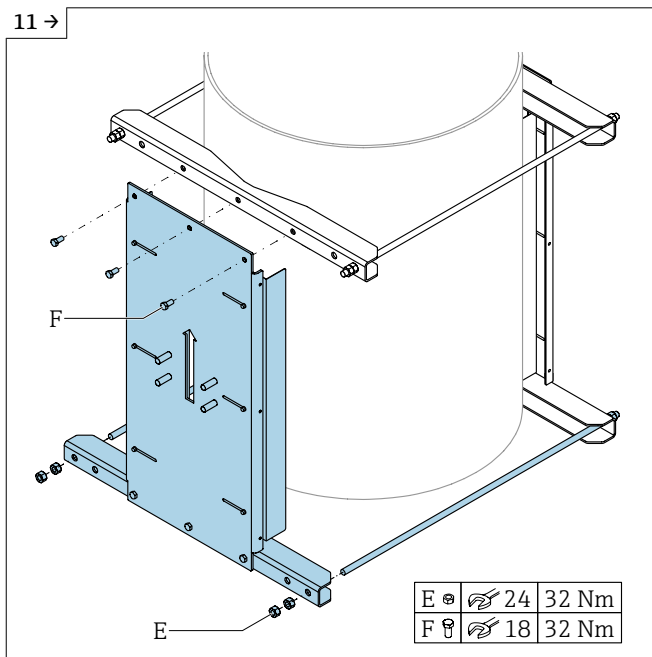


A0045852

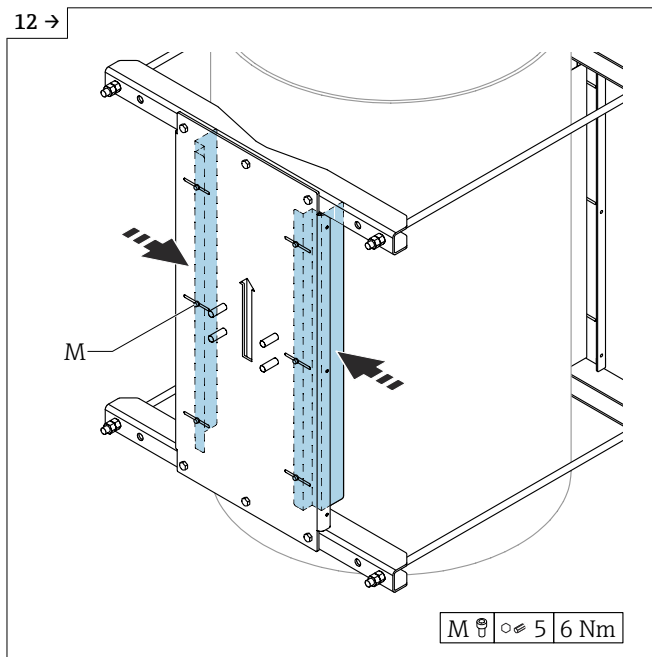


A0045853

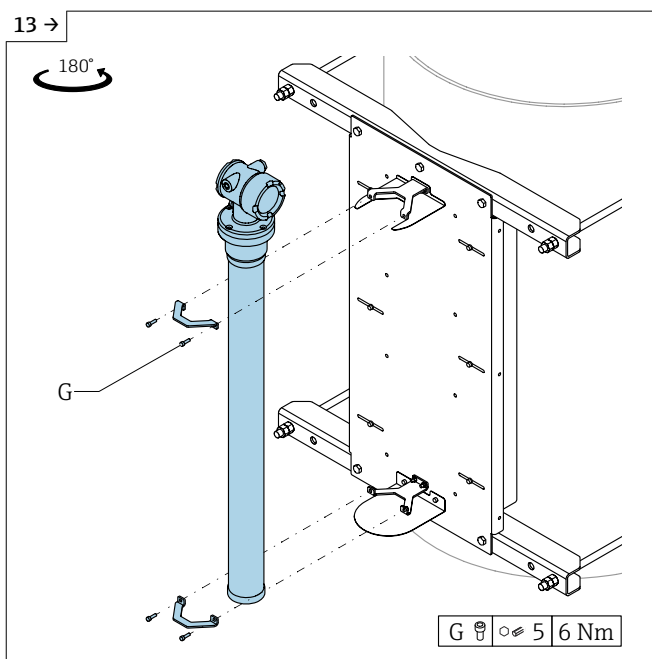




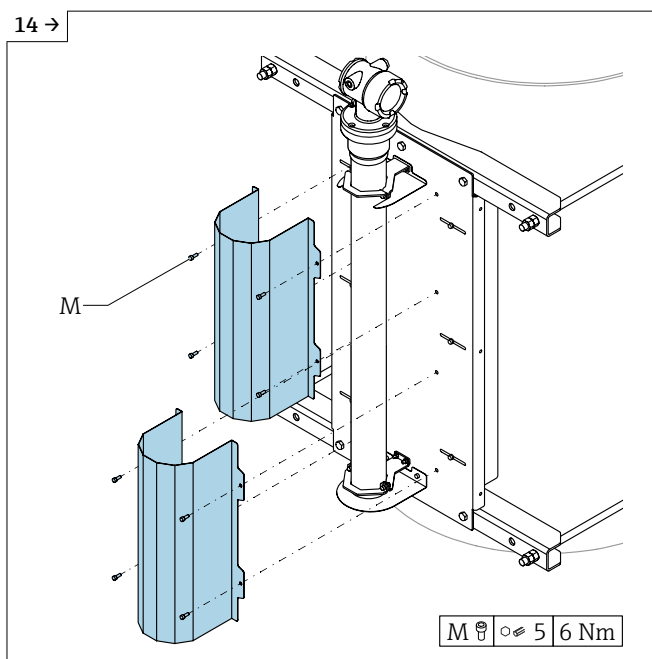
A0045857



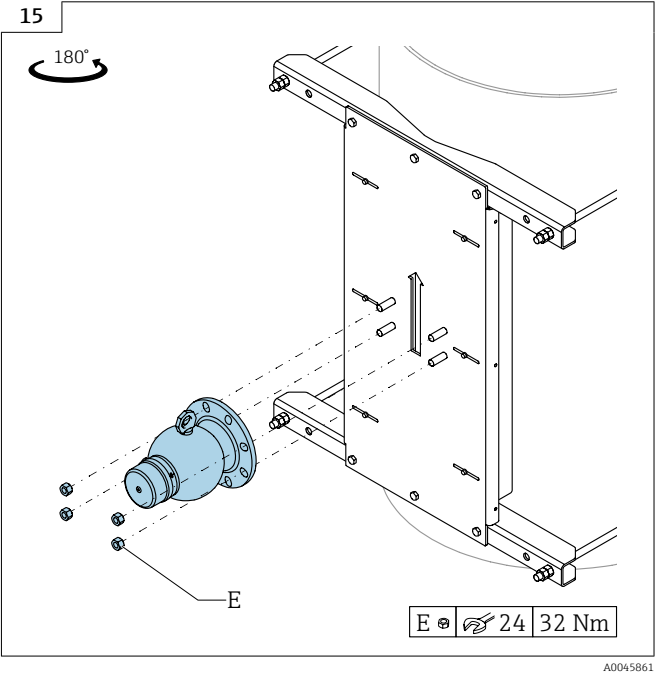
A0045858



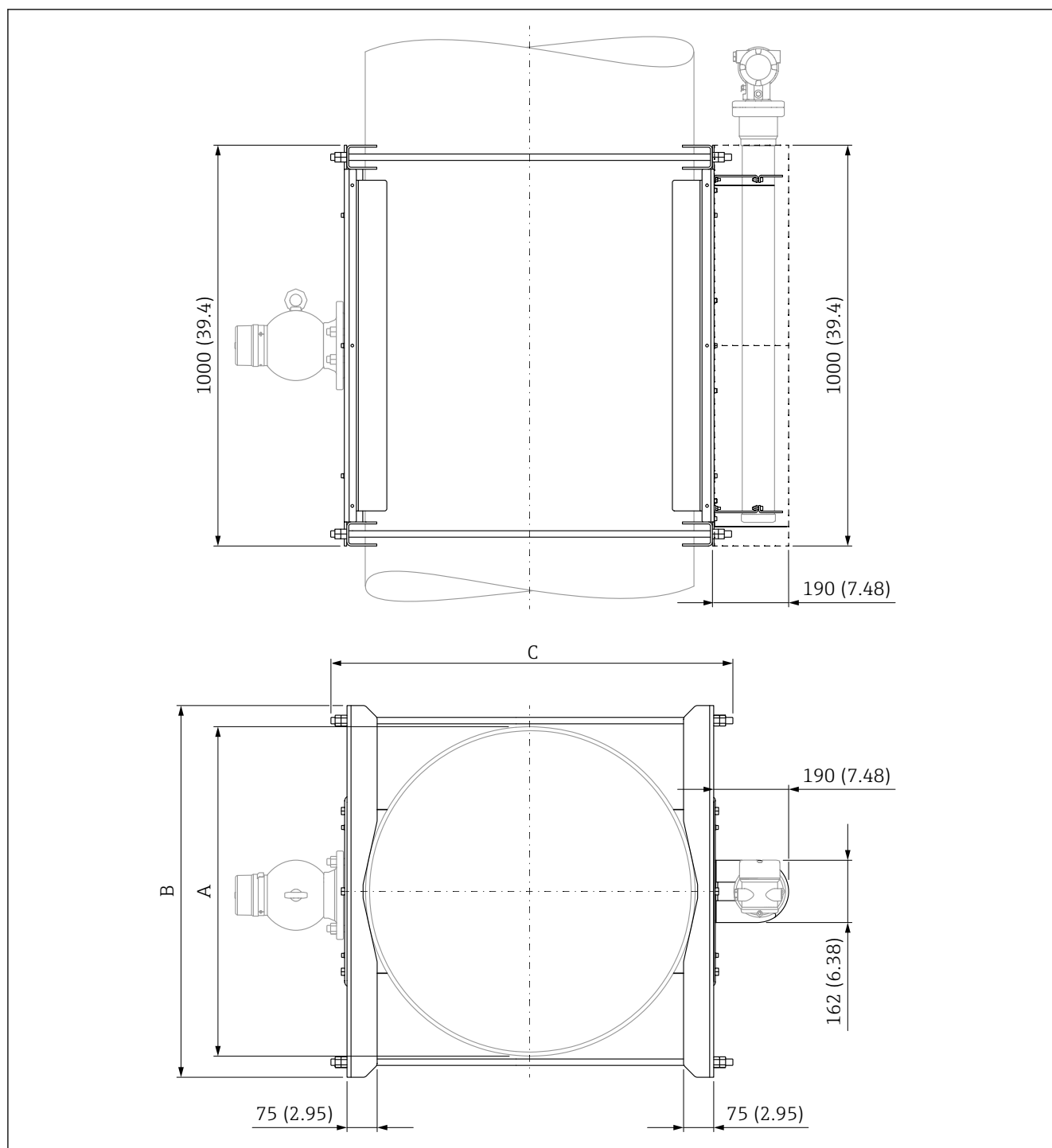
A0045859



A0045860



Dimensions and weight



A0045879

Unit of measurement mm (in)

A	B	C
620 to 820 mm (24.4 to 32.3 in)	925 mm (36.4 in)	1000 mm (39.4 in)
820 to 1030 mm (32.3 to 40.6 in)	1060 mm (41.7 in)	1250 mm (49.2 in)

Weight: approx. 75 kg (without Gammapiot FMG50 - PVT800 and source housing)

Supplementary documentation

The following supplementary documentation is available in the Downloads section of the Endress+Hauser website (www.endress.com/downloads):

Gammapilot FMG50



BA01966F

Source container FQG61, FQG62



TI00435F