

FENG
Guide unit

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8216947
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Assembly instructions

8216947
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[8216949]

Original instructions

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1 Applicable documents

All available documents for the product -> www.festo.com/sp.

2 Safety

2.1 Safety instructions

- Only mount the product on components that are in a condition to be safely operated.
- Keep applying fresh lubricant film to the guide rods. Lubricate the guide rods with approved lubricating grease, where necessary.
- Avoid touching the guide rods. Traces of hand perspiration will result in surface corrosion.

2.2 Intended use

- Protection against torsion of cylinders in accordance with ISO 15552, e.g. DNC, DSBC and DSBG
- Increasing the permissible payload of the cylinders.

3 Additional information

- Contact the regional Festo contact if you have technical problems -> www.festo.com.
- Accessories and spare parts -> www.festo.com/catalogue.

4 Product Range Overview

4.1 Scope of delivery

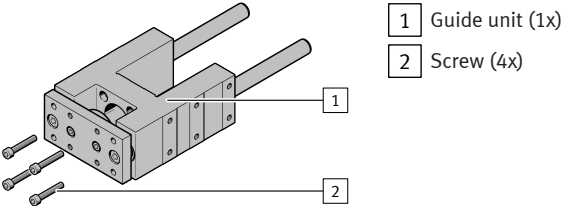


Fig.1

4.2 Not in scope of delivery

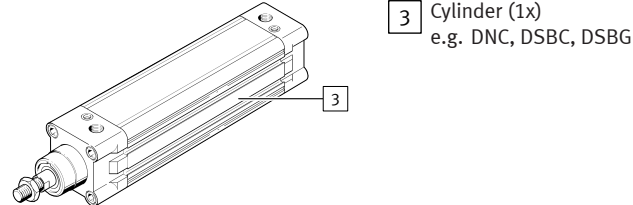


Fig.2

5 Mounting

5.1 Removing transportation lock

The product is fitted with a cable binder as a transportation lock.

- Remove the cable binder before mounting.

5.2 Mounting guide unit

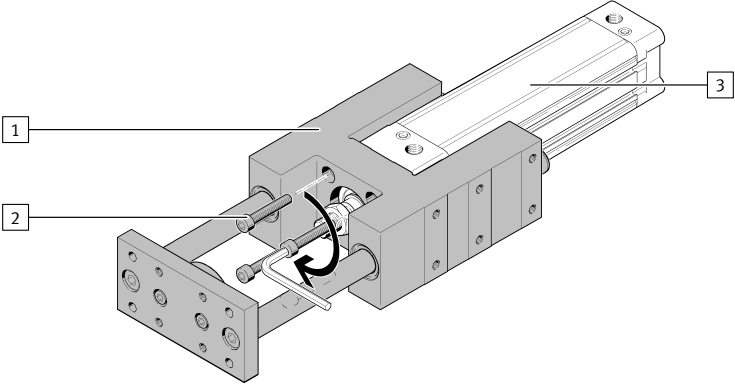


Fig.3

- 1. Position the cylinder [3] on the guide unit [1].
- 2. Tighten the screws [2].

FENG	-32	-40	-50/-63	-80/-100
[2] Screw	M6 x 30	M6 x 35	M8 x 40	M10 x 50
[Nm]	5 ± 20%	5 ± 20%	8 ± 20%	17 ± 20%
⚙	5	5	6	8

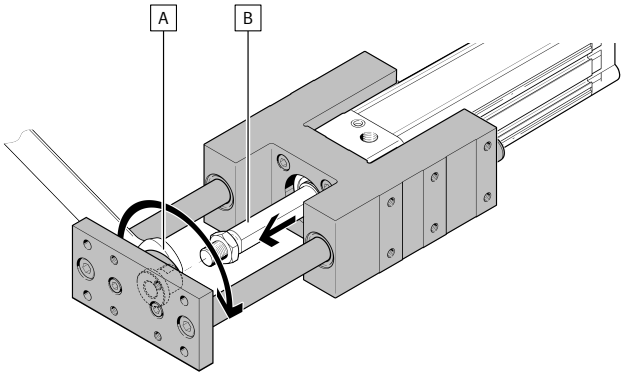


Fig.4

- Screw the threaded coupling [A] to the piston rod [B].

FENG	-32	-40	-50/-63	-80/-100
[A] Threaded coupling	15	15	19	27

Desired dimension X is reached.

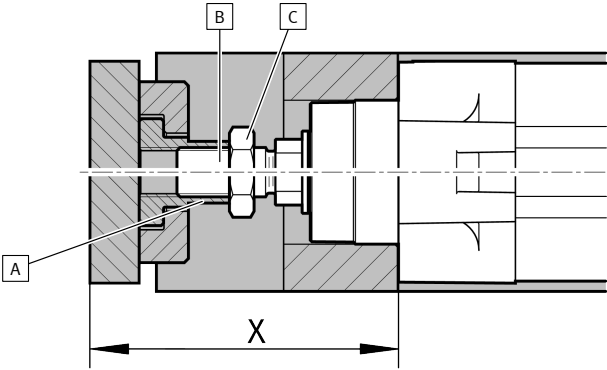


Fig.5

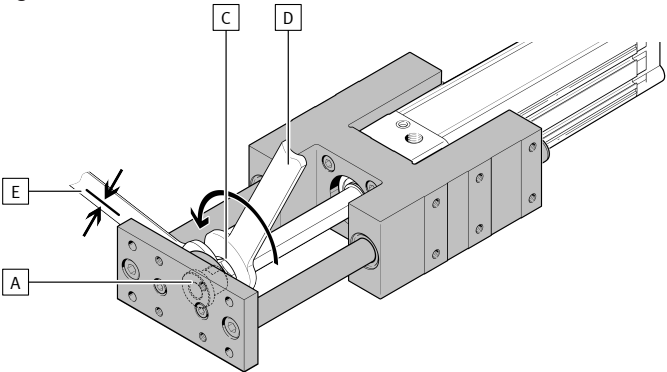


Fig.6

1. Tighten the lock nut [C] with the open-ended spanner [D]. Counter hold the threaded coupling [A] with the open-ended spanner [E].

FENG		-32	-40	-50/-63	-80/-100
[C] Lock nut		M10x1.25	M12x1.25	M16x1.5	M20x1.5
	≡	16	18	24	30
	[Nm]	16.7 ± 20%	29.2 ± 20%	64 ± 20%	110 ± 20%

2. Check dimension X and adjust it if necessary.