



Strong and slim

Our cylinders are ideal for quiet, quick and precise adjustments. Highly complex designs can be realised thanks to the simultaneous activation of up to ten cylinders.

The cylinders are designed to be integrated into existing guide rails and should only be exposed to minor lateral forces. They are used for height and tilt adjustments.

The cylinder is the basic element of all linear units and table legs and is therefore used in all our elements. It is made of brass tubing and has a piston rod made of stainless steel.

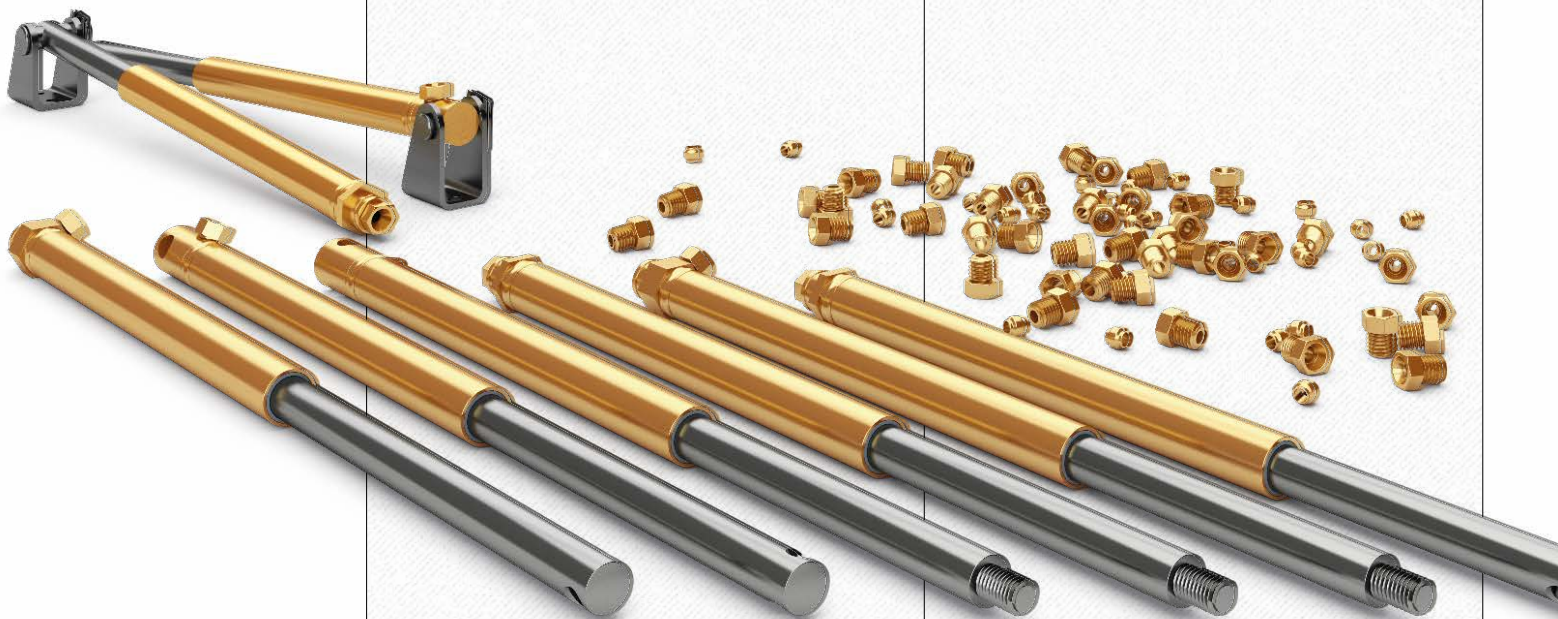
The clamping rings and screws (M8x1) are for connecting the hose to the pump and cylinders.

The flexible pressure hose has the following properties:

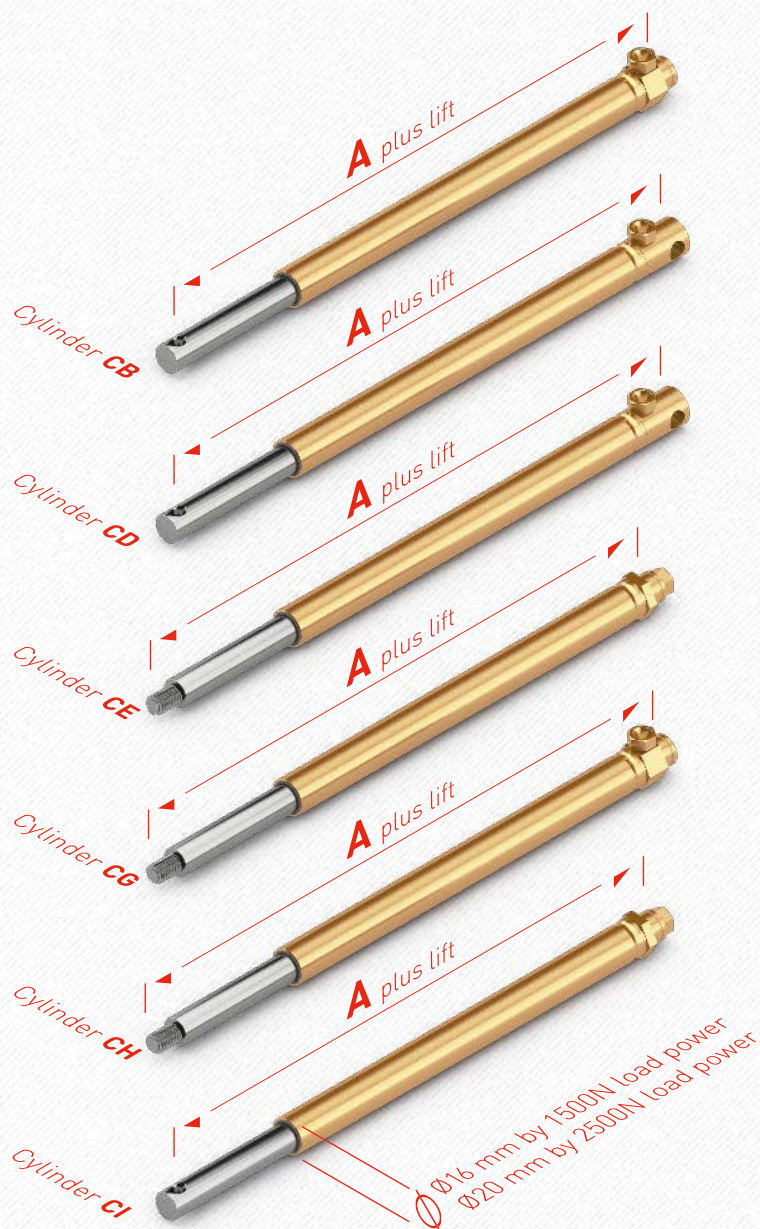
- exterior diameter: 4 mm
- minimum permissible bending radius is 25 mm
- maximum operating pressure: 100 bar

The following accessories are available:

- Y, L or straight-through fittings
- hose couplings
- hose blanking plugs
- brackets D6 and D8 to mount the cylinders
- hose rupture protection «V» (check valve)



Type **CB|CD|CE|CH|CI**



Options



Technical data

- Max. load power per cylinder:
1500 N (**CX 14**)
2500 N (**CX 18**)
- The system power depends on the pump
- Lifting distance up to max. 700 mm
- The cylinders should not be exposed to tensile forces
- Minimum restoring force of 70 N required
- The cylinders must be installed within an existing guide rail
- Food-grade fluids can also be used
- The cylinder is supplied with a 3-m hydraulic hose pre-fitted as standard

Cylinder **CX**

	A with Ø 16	A with Ø 20
CB	55 mm	62 mm
CD	61.5 mm	67.5 mm
CE	56.5 mm	62.5 mm
CG	44 mm	49 mm
CH	50 mm	57 mm
CI	49 mm	54 mm

Standard lifting distance (mm):

Ø 16: 150, 200, 300, 400, 500, 600, 700
Ø 20: 150, 200, 300, 400

Detailed CAD drawings in various formats can be found at www.ergoswiss.com