Item description/product images

Description

Product description:
Support elements are used during machining to prevent vibrations and deflections on the workpiece. The screw-on support elements can be mounted horizontally or vertically. The two mounting options enable space-saving positioning in the clamping fixtures.
Hydraulic locking can be used in combination or separately with hydraulic clamping.

Material:
Housing and piston steel.

Version:
Housing black oxidised.
Piston hardened.

Note:
Form A, engaged by hydraulics:
Clamping bolt retracted in initial position. Pin hydraulically extended and engaged by spring force.
Form B, engaged by spring force:
Clamping pin extended in initial position. Engaged by spring force

Permitted loading forces must be taken into account.

Follow safety instructions.

Type of operation:
Drilled channels.

Technical data:
- Max. operating pressure: 500 bar.
- Permitted loading at 500 bar: 9 kN.
- Min. oil pressure: 100 bar.
- Max. tightening torque: 60 Nm.

Assembly:
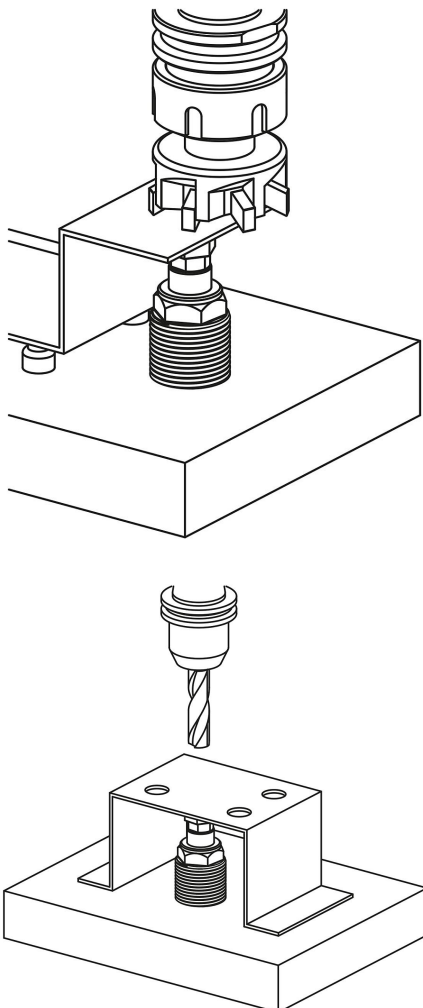See mounting contour.

Advantages:
- Integrated metal wiper.
- Always engaged by spring force.
- Low mounting dimensions.
- Horizontal/vertical mounting possible.
- Separate/combined locking and clamping process
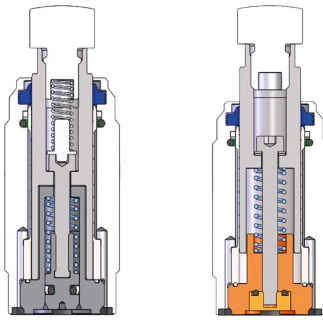- Installed Kantseal washer

Supplied with:
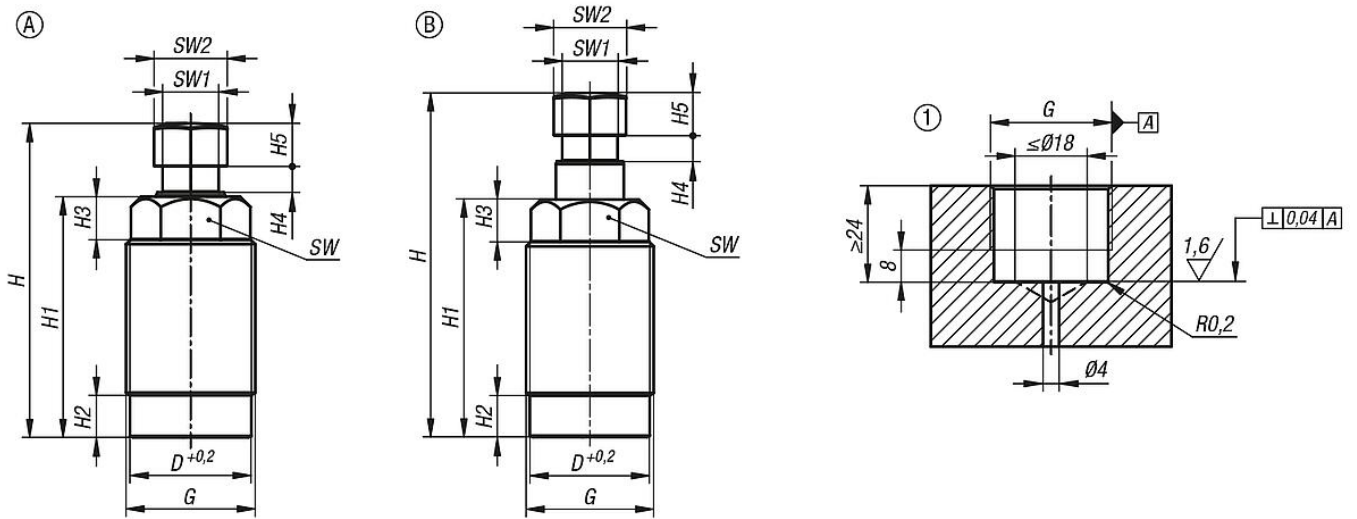1 Kantseal square washer supplied.

Drawing reference:
1) Mounting contour

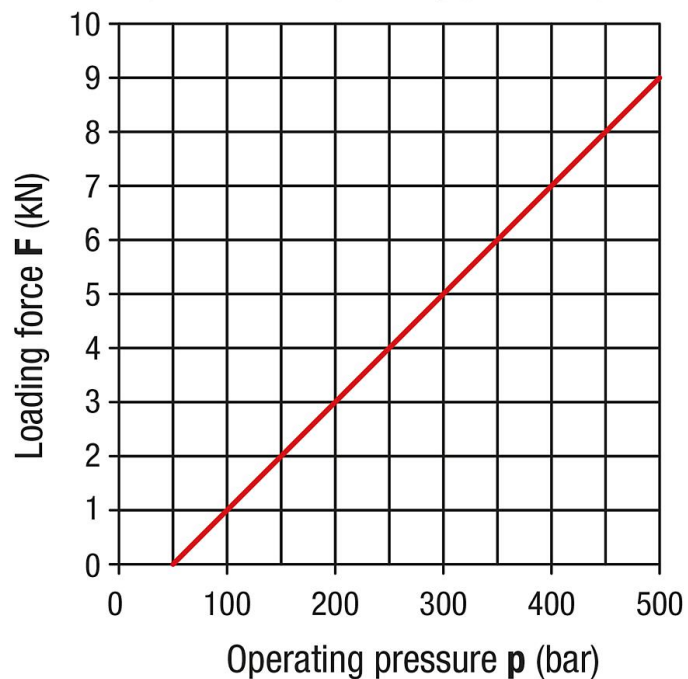## Item description/product images

Engaged by hydraulics   Engaged by spring force

Drawings

Ⓐ

SW2
SW1
H5
H3
H4
SW
H
H1
H2
D +0,2
G

Ⓑ

SW2
SW1
H5
H4
H3
SW
H
H1
H2
D +0,2
G

①

G
≤Ø18
≥24
8
1,6
⊥ 0,04 A
R0,2
Ø4
A

Drawings

Clamping force diagram

Permitted loading force **F** dependent on operating pressure **p**

Loading force **F** (kN) vs Operating pressure **p** (bar)

Overview of items

Order No.	Form	Piston Ø	travel	Connection type	D	G	H	H1	H2	H3	H4	H5	SW	SW1	SW2	Spring force min. (N)	Spring force F approx. (N)	Flow rate max. (cm³/s)
02341-160823061	A	16	8	drilled channels	28,2	M30x1,5	72,5	55,5	9,5	10	6	10	24	13	17	10	23	25
02341-160823062	B	16	8	drilled channels	28,2	M30x1,5	80,5	55,5	9,5	10	6	10	24	13	17	8	13	-