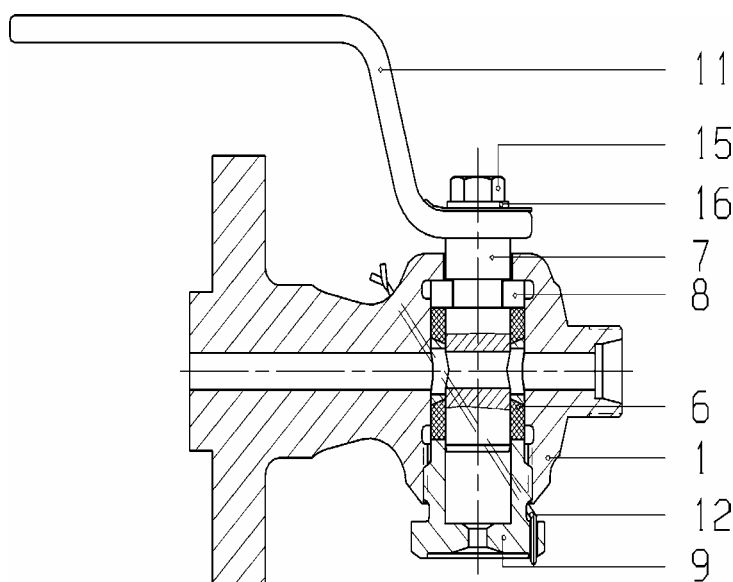

Mounting and Operating Instructions for

KLINGER

ABFZ 18 Straight-Way Cocks



Name of components:

- 1 Body
- 6 Packing sleeve
- 7 Cock plug
- 8 Split ring
- 9 Tightening nut
- 11 Cock handle
- 12 Snaked wire
- 15 Hexagon head screw
- 16 Washer

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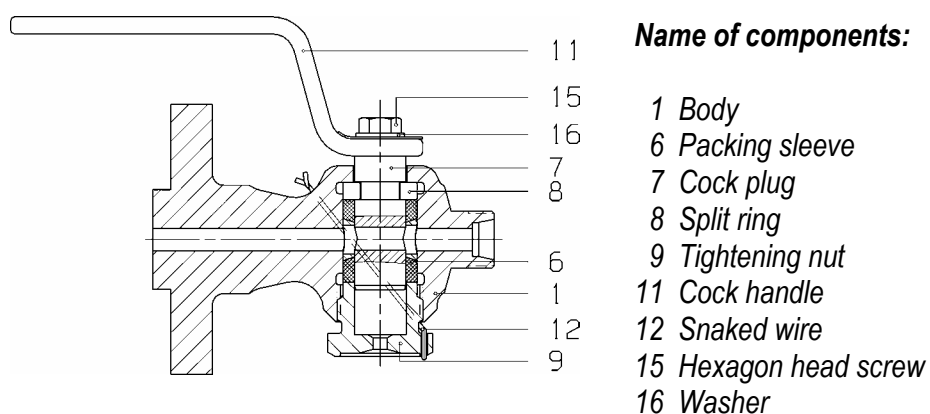
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Functional principle

Klinger series AB traverse-cocks are equipped with cylindrical cock plugs, which have an elastic and replaceable packing sleeve as a sealing element. In the event of leaks during operation, the retightening nut can be used to retighten the packing sleeve which increases the pressure to the cock plug and tightens the leak. It is necessary that this procedure is done only when the cock is in open position



The packing sleeve is secured to the body in locked position by a spring and a groove. An eyelet mounted across the ports keeps the entire cross section intact and protects the sealing material against erosion.

Position Indicator

The position of the through hole is visible at the twin edge of the plug, or at the notches of the cock plug and at the cock handle appears from the arrangement of the cock handle.

AB cocks for General Use

- as a shut-off fitting for all media encountered in practice per the media table in our catalogue and within the respectively indicated limits of application.

AB Cocks as Instrument Lead Cocks

- as pressure gauge cocks for connecting manometers and test manometers.
- as indicator cocks for connecting indicators
- as special instrument lead cocks for instrumentation and control engineering as a whole

AB Cocks as Drain Cocks

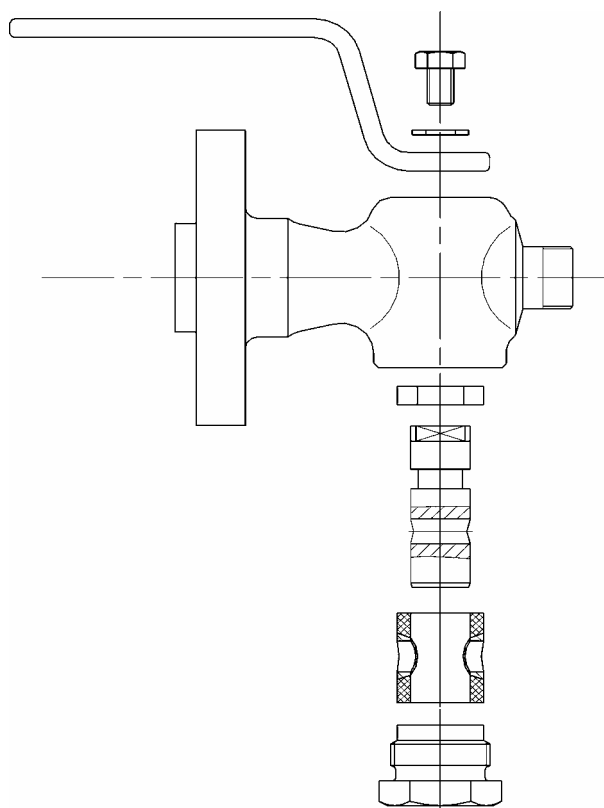
A special application involving our liquid-level gauges.

Installation Instructions

If an AB cock has developed a leakage and retightening no longer seals the leak, the packing sleeve must be replaced. If the cock plug is found to be damaged after disassembly, it must also be replaced. The tightening nut (Pos.9) is thightened with 35 Nm by the manufacturer, also 35 Nm \pm 10 % are necessary to rethigten the nut.

Disassembly

- Unscrew tightening nut.
 - Loosen hexagon head screw, remove washer and cock handle from the cock plug
 - Knock cock plug along with split ring and packing sleeve out of the body
 - Remove split ring and press cock plug through packing sleeve
-



Assembly

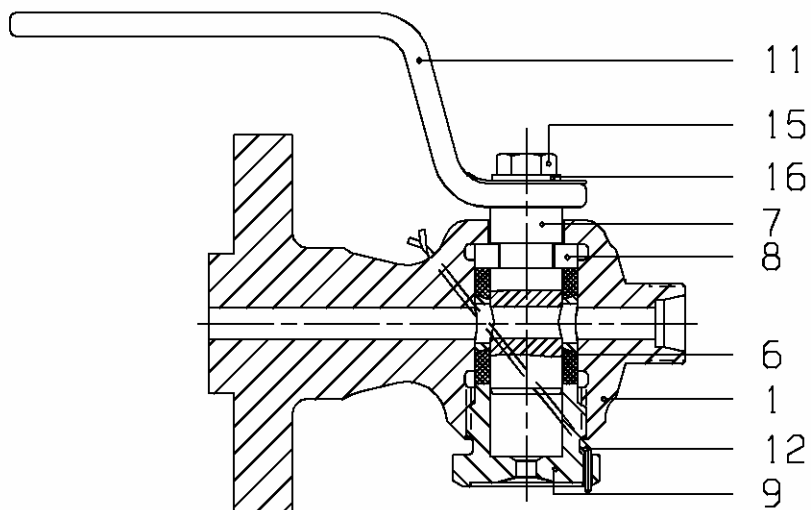
- Slide packing sleeve onto cock plug up to split ring
- Press the entire unit into the body hole

ATTENTION: The packing sleeve spring must rest in the groove of the body hole.
The packing sleeve eyelets may not protrude or lie tilted in the packing sleeve through hole.

- Screw in tightening nut with $35 \text{ Nm} \pm 10 \%$
- Place cock handle and washer on the cock plug and fasten with hexagon head screw

Storage instructions

The fittings must be stored in accordance with DIN 3230, sheet 1 in closed rooms, in a non-corrosive atmosphere, and protected against moisture and dirt. Replacement parts especially packing sleeves must be stored in dry, cool rooms.



Part	Name	Material		Spare part
		VIII	X	
1	Body	1.0619	1.4408	
6	Packing sleeve	KAF	KAF	*
7	Cock plug	1.4401	1.4401	*
8	Split ring	1.4401	1.4401	
9	Tightening ring	1.4401	1.4305	
11	Cock handle	0.8135	0.8135	
12	Snaked wire	1.4300	1.4300	
15	Hexagon head screw	8.8	8.8	
16	Washer	ST	ST	