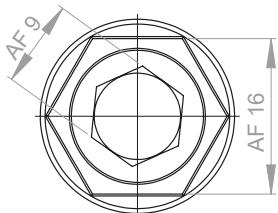
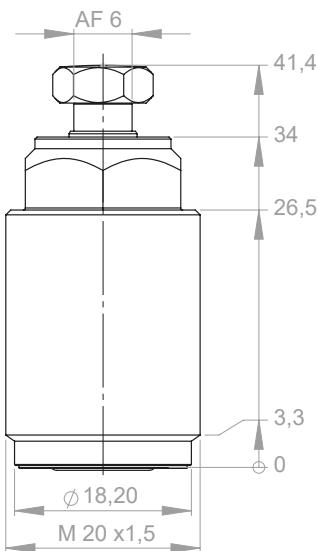
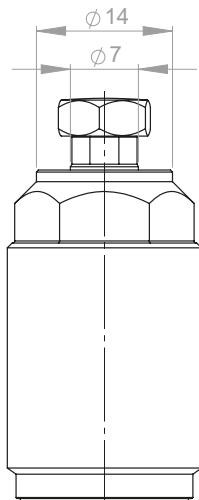


Mini work support

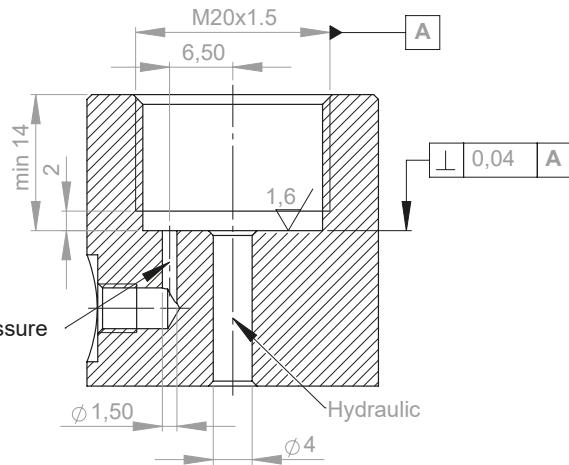
threaded body, actuation with hydraulic, contact by spring force, positive air pressure, pmax. 200 bar

280-2

Issue: 08/2025



Installation contour:



Positive air pressure:

To provide better protection for the work support against liquid ingress, it is recommended to apply a maximum overpressure of 0.5 bar. The positive air pressure should only be switched on after the plunger has been extended and switched off again before it is retracted.

Support force:

Operating pressure [bar]	Support force [N]
pmin.	380
80	380
100	500
120	600
140	700
160	800
180	900
pmax.	1000

The sealing rings for sealing against the bottom of the installation hole are included.

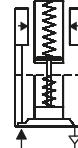
Order number for spare part:
DS-ASE-007

Technical data:

Plunger Ø:	[mm]	7
Plunger stroke	[mm]	4
Permissible load at 70 bar	[N]	1000
Tightening torque	[Nm]	20
Spring load, min.	[N]	5
Spring load, max.	[N]	10
Permissible flow rate	[cm³/s]	15
Order number		ASE-007-04-03-001



Webcode: 028002



Description:

If vibration and deflection must be avoided while machining workpieces, these work support (ASE) is the optimal solution. The mini work support is ideal suitable for clamping fixtures on which a high number of support points is needed on a small space.

Another application is in the field of processing small workpieces. The very compact threaded housing allows horizontal and vertical installation into the clamping fixture. As a result, space-saving arrangements can also be realized under combined installation conditions. Pressure oil supply if done via a drilled channel in the installation bore. The advance of the support plunger against the workpiece is done with a hydraulically preloaded spring. The basic position of the plunger is retracted. Plunger fixing can be combined with the hydraulic clamping of the workpiece or separately.

Advantages:

- ☐ Ideal for small workpieces
- ☐ Arrangements with a high number of support points are possible
- ☐ Space-saving installation horizontal/vertical possible
- ☐ Plunger fixing combined with clamping or separate possible
- ☐ positive air pressure

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