



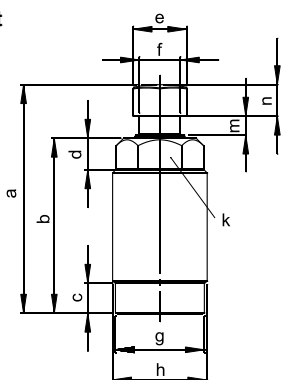
# Work supports

threaded body, actuation with hydraulic, contact by spring force, pmax. 500 bar

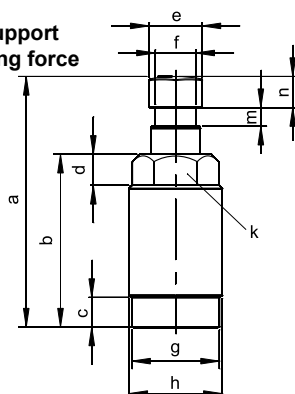
**280-1**

Issue: 10/2022

Work support  
via hydraulic



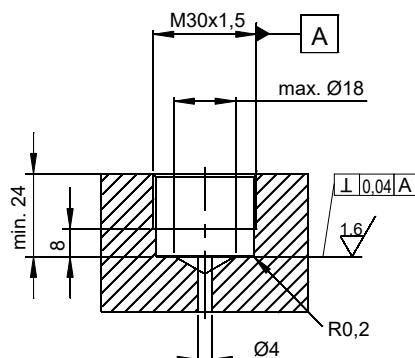
Work support  
via spring force



Work support via...		Hydraulic	Spring force
Plunger Ø	[mm]	16	16
Plunger, stroke	[mm]	8	8
Max. support force at 500 bar	[kN]	9	9
Min. oil pressure	[bar]	100	100
Tightening torque	[Nm]	60	60
Spring force, min.	[N]	12	8
Spring force, max.	[N]	28	13
Volume flow, max.	[cm³/s]	25	-
a	[mm]	72,5	80,5
b	[mm]	55,5	55,5
c	[mm]	9,5	9,5
d	[mm]	10	10
e		SW17	SW17
f		SW13	SW13
g		28,2+0,2	28,2+0,2
h		M30x1,5	M30x1,5
k		SW24	SW24
m	[mm]	6	6
n	[mm]	10	10
Weight approx.	[kg]	0,25	0,25
Order no.		ASE-016-08-03-001	ASE-016-08-01-001

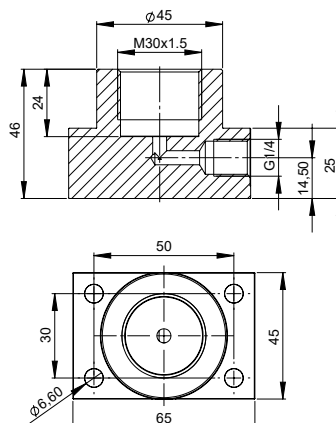
Scope of supply includes the kant seal.

## Installation contour:



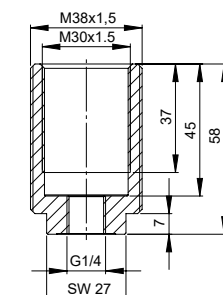
## Connection housing flange:

Order no. NTP-113

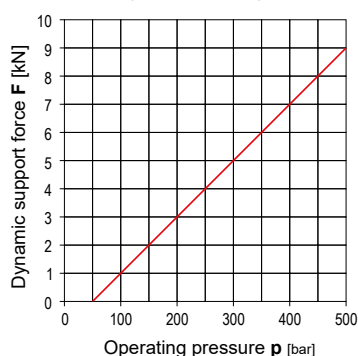


## Connection housing M38x1,5:

Order no. NTP-132

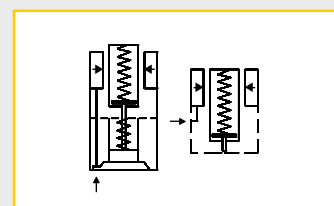


Permissible support force F  
depending from operating pressure p



Accessories: Nut Order no. 7038-010

Webcode: 028001



## Description:

When it is about increasing machining accuracy, the work supports are ideal components to avoid vibrations and deflection while machining workpieces.

The threaded body models allow horizontal as well as vertical mounting into the clamping fixture. With this flexibility, compact fixture designs can be realized also in space-critical conditions.

The hydraulic fixing of the plunger can be combined with the hydraulic clamping of the workpiece or separated. There are two work support methods to advance the plunger:

### 1. Spring advance

Basic plunger position extracted

### 2. Hydraulic advance

Basic plunger position retracted

## Advantages:

- Protecting metal wiper
- Compact fixture designs possible
- Horizontal and vertical mounting possible
- Plunger fixing combined with clamping or separate possible

We also design and manufacture customized variants!



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Technology that connects