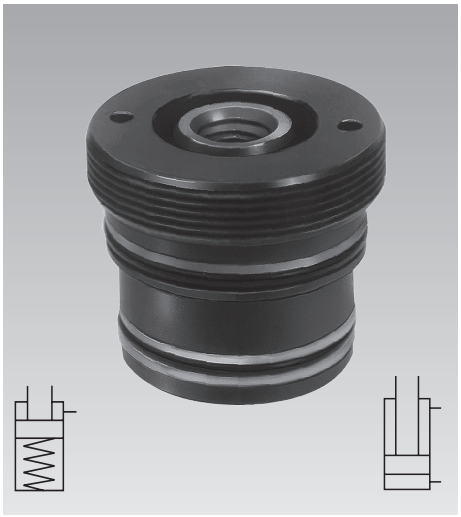
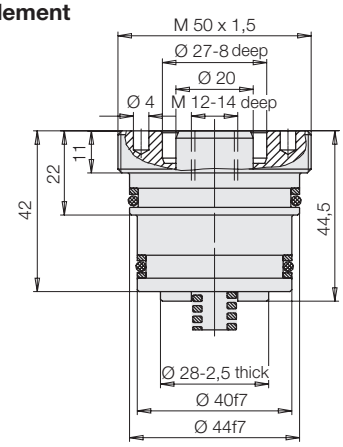
Hydraulic Threaded-body Clamping Module

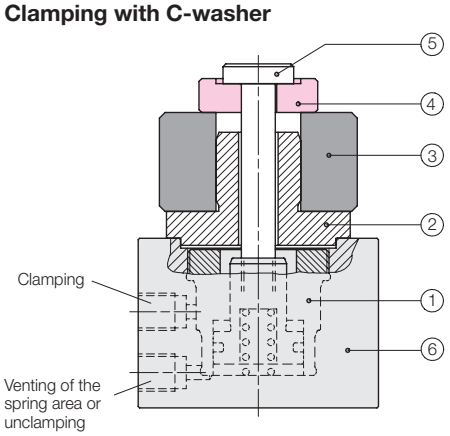
pull-type, single and double acting, with anti-rotation device
Max. operating pressure 500 bar



Element



Clamping with C-washer



① Clamping module ② Workpiece carrier
③ Workpiece ④ C-washer ⑤ Tie rod
⑥ Housing for clamping module

Application

The hydraulic threaded-body clamping module, pull-type was developed for screwing into:

- **standardized housings**
- **fixture bodies or blocks**
- **fixture base plates** or **intermediate plates for pallets** or machine tool **tables**

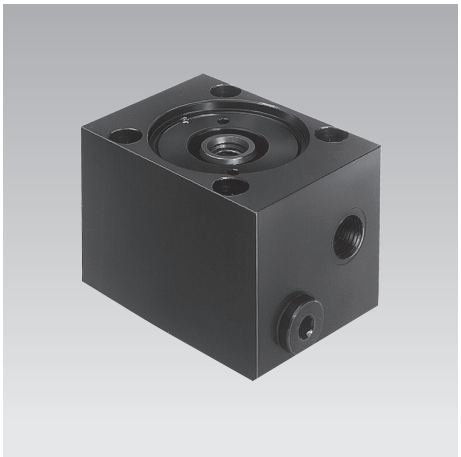
In single-acting applications, please pay attention to the instructions for bleeding of the spring area on data sheet G 0.110.

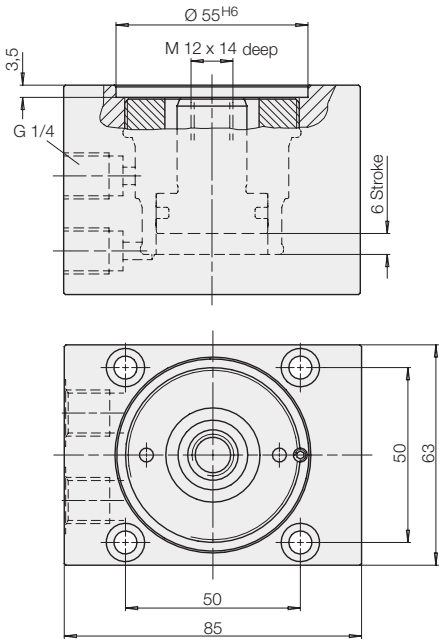
Hydraulic threaded-body clamping module		
Pulling force at 500 bar	[kN]	24.5
Clamping stroke, pulling	[mm]	6.0
Spring force	[N]	80–200
Part no.		**1574811**

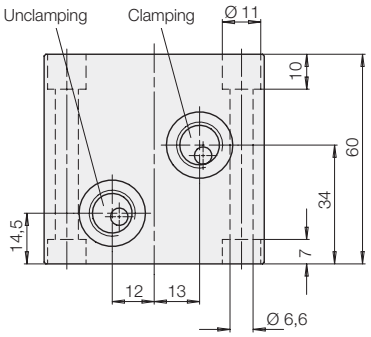
Application example

The figure above shows axial clamping of a workpiece **in connection with a C-washer** as per DIN 6371/6372.
The hydraulic threaded-body clamping module is integrated in a standardized housing (see drawing below).
The C-washer (loose part) has to be attached for each clamping process.

Hydraulic threaded-body clamping module with housing (optional)







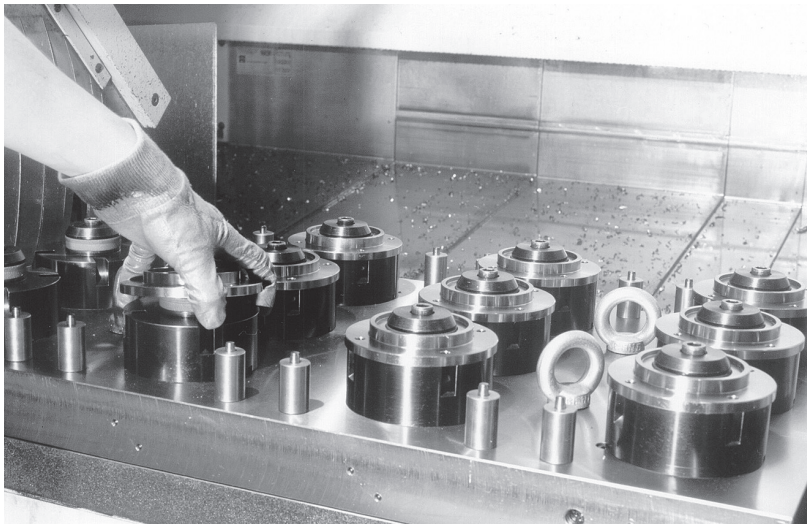
Articles and prices **on request**

Hydraulic threaded-body clamping module with housing	
Part no.	**1574812**

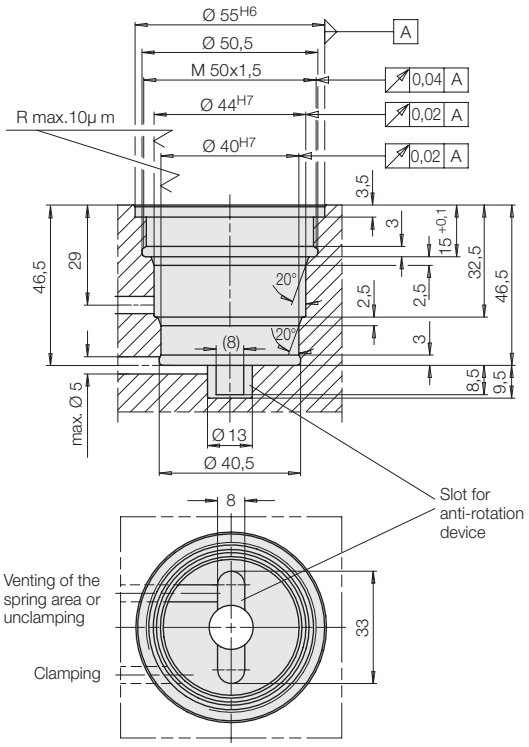
Operating conditions, tolerances and other data, see data sheet A 0.100

Application example

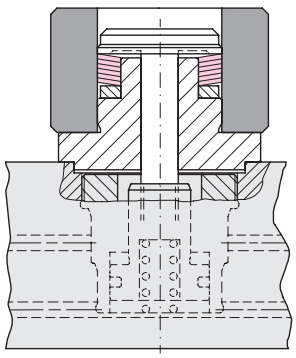
Installation of hydraulic clamping modules in the base plate of a multiple clamping fixture



Installation dimensions

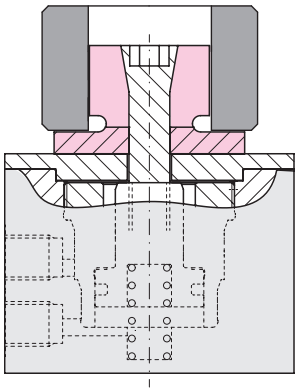


Further application examples



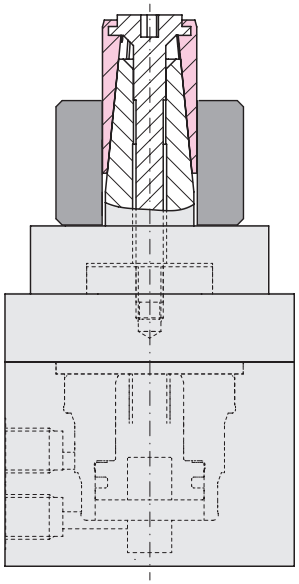
Clamping with clamping disks

When using **clamping disks** , the operating actuating force is converted into radial alignment forces and axial nominal tightening forces, and the workpiece is then clamped.



Clamping with taper sleeves

When using a **taper sleeve**, the workpiece is centred and clamped by applying the axial operating force.



Clamping with collets

When using a **collet**, the workpiece is centred by applying the axial operating force, and aligned with nominal tightening, and clamped.

Operating conditions, tolerances and other data, see data sheet A 0.100