



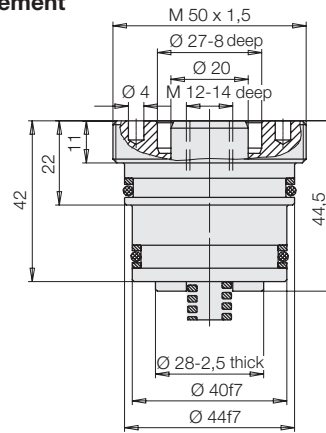
Hydraulic Threaded-body Clamping Module

pull-type, single and double acting, with anti-rotation device

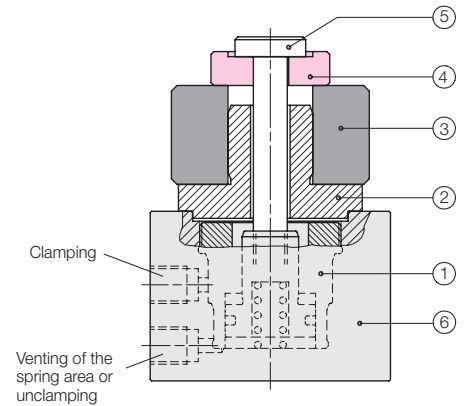
Max. operating pressure 500 bar



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

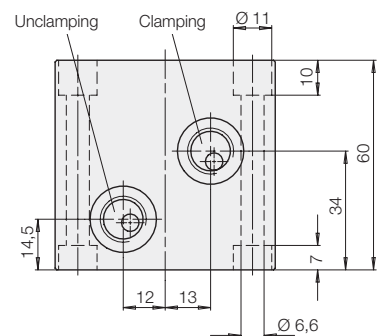
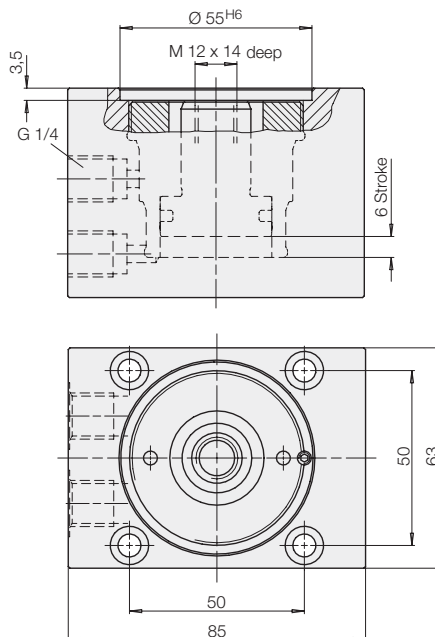
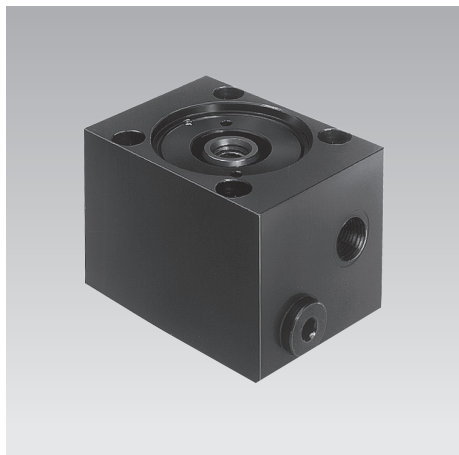
Application example

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

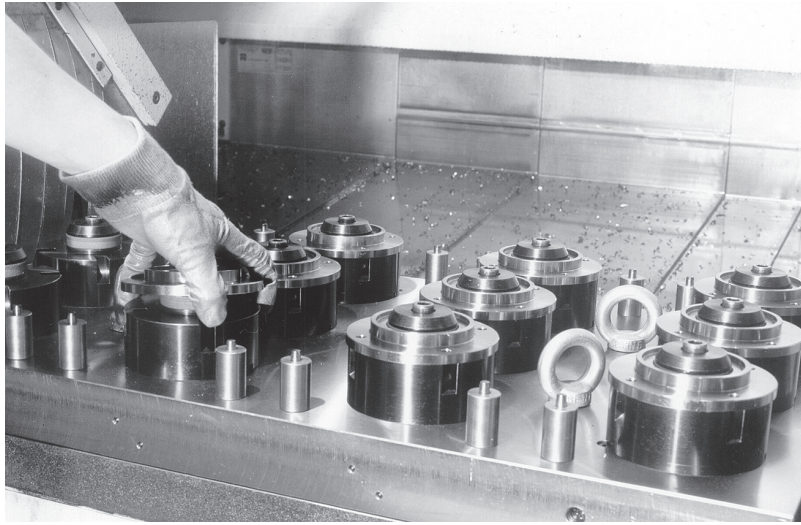
Part no.

1574812

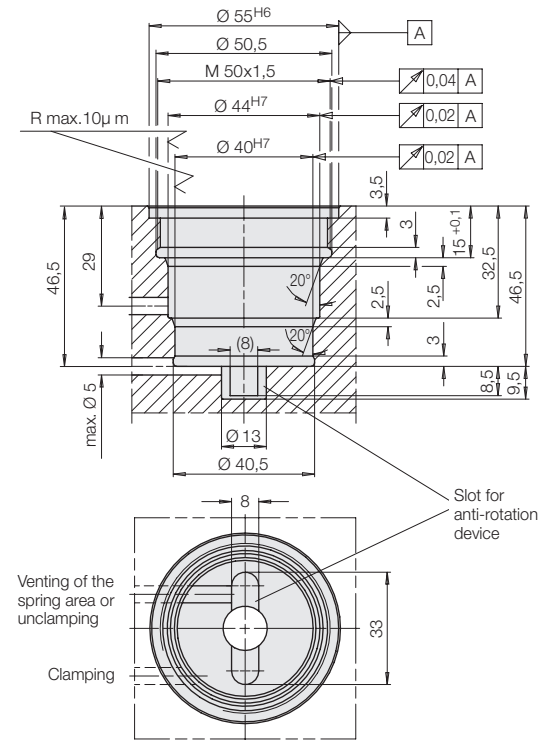
Installation Dimensions Application Examples

Application example

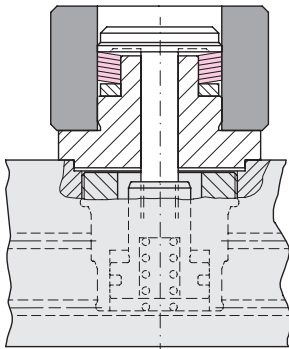
Installation of hydraulic clamping modules in the base plate of a multiple clamping fixture



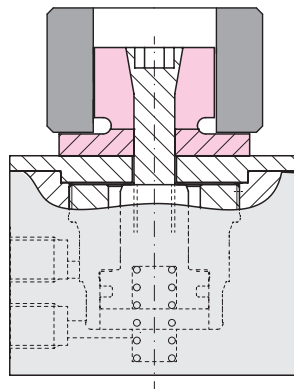
Installation dimensions



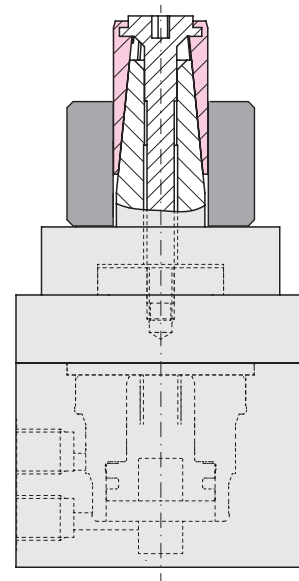
Further application examples



Clamping with clamping disks



Clamping with taper sleeves



Clamping with collets

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.

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

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