Threaded-Body Cylinder
single acting with spring return
max. operating pressure 160 / 500 bar

Description
These threaded-body cylinders are particularly suitable for clamping of smaller workpieces in multiple clamping fixtures. The minimum cylinder pitch is only 15 mm.
Sealing is made with the supplied sealing ring in the threaded hole.
The sealing nut, delivered as accessory, allows adjustment of the cylinders 1458 002 and 1458 012 so that workpiece tolerances of more than 20 mm can be compensated.
Admissible seating torque of the sealing nut 25 Nm!
Threaded in the mounting body the cylinder can also be connected individually. Depending on wall strength and fixing method (thread or bore) a certain adjustment is possible.

Material
Piston material: casehardening steel, hardened
Cylinder body: free-cutting steel

Important notes!
Threaded-body cylinders must not be subjected to a load in retracted position.
Cylinders have to be protected against direct influences of aggressive cutting lubricants and coolants.
Operating conditions, tolerances and other data see data sheet A 0.100.

Installation possibilities and accessories
1. Screw-in thread and sealing ring
2. Screw-in thread and sealing nut
3. Connecting housing and lock nut

Part no. - with sealing ring
1458001  1458002
Part no. - with sealing ring and piston rod extension
1458011  1458012

Version with minimum leakage rate for operating pressure up to 160 bar e.g. for applications with many operating cycles
Part no. - with sealing ring
1458101  1458102
Part no. - with sealing ring and piston rod extension
1458111  1458112

Installation examples