

Centring clamp round with countersunk screw, Form A

Item description/product images



Description

Material:
Carbon steel.

Version:
Hardened (33–39 HRC) and black oxidised.

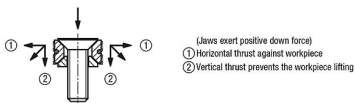
Note:
The centring clamp enables a workpiece to be centred and clamped in the bore. The wedges generate higher clamping forces. Centring clamp with pull-down effect.

Drawing reference:
Dimension H refers to the height at $\geq D$.

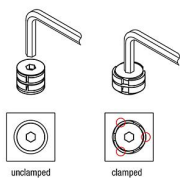
1) O-ring

Technical Information:

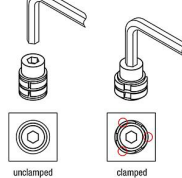
- These clamps grip the inside diameter of a workpiece.
- The wedge shape enables high clamping forces on the workpiece.



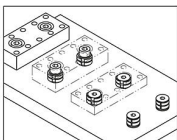
Form A:



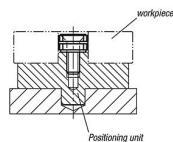
Form B:



Note:
The clamp makes point contact with the bore wall when clamped.

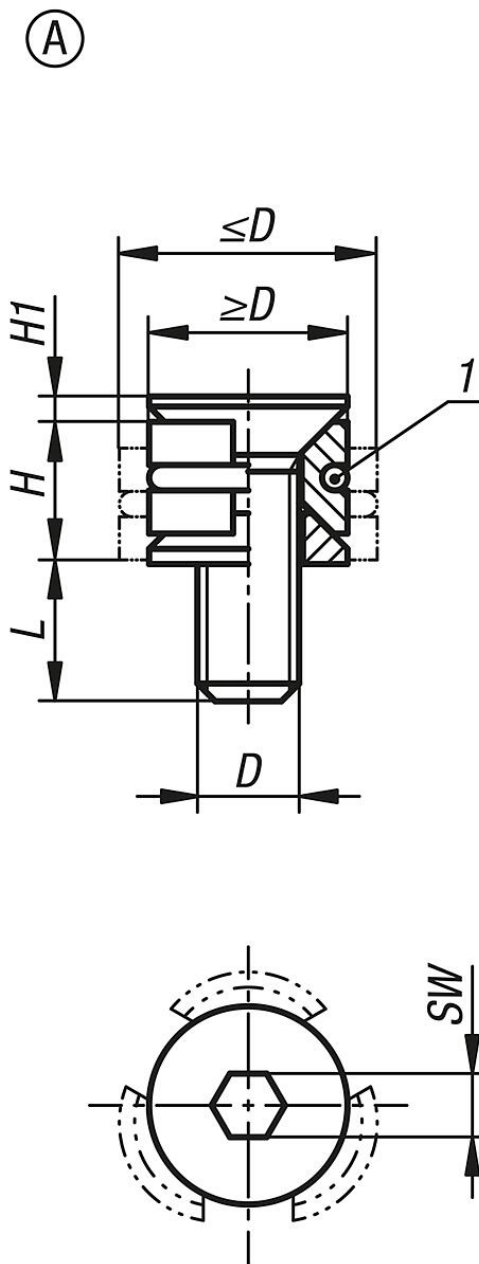


For accurate repeat positioning use these clamps together with a positioning unit. Clamping is carried out with the centring clamp.



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Drawings



Overview of items

| Order No. | Form | D=Thread | D min. | D max. | H | H1 | L | SW | Clamping force max. kN | Tightening torque Nm |
|-------------|------|----------|--------|--------|------|-----|------|-----|------------------------|----------------------|
| K1166.10804 | A | M4x12 | 8 | 10,3 | 5,5 | 0,9 | 7,3 | 2,5 | 0,9 | 2,1 |
| K1166.11005 | A | M5X15 | 10 | 12,3 | 6,4 | 1,1 | 9,1 | 3 | 1,5 | 4,3 |
| K1166.11206 | A | M6X18 | 12 | 16,3 | 8,6 | 1,3 | 11,2 | 4 | 2,1 | 7,3 |
| K1166.11608 | A | M8X25 | 16 | 22 | 11,5 | 1,6 | 16,2 | 5 | 4 | 18 |

