

Item description/product images



Description

Material:

Carbon steel.

Version:

Hardened (33–39 HRC) and black oxidised.

Note:

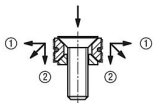
The centring clamp enables a workpiece to be centred and clamped in the bore. The wedges generate higher clamping forces. Centring clamp with pull-down effect.

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

1) O-ring

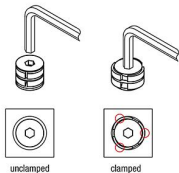
Technical Information:

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



- (Laws exert positive down force)
- ① Horizontal thrust against workpiece
 - ② Vertical thrust prevents the workpiece lifting

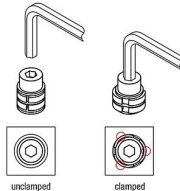
Form A:



unclamped

clamped

Form B:

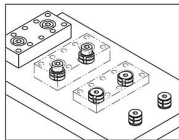


unclamped

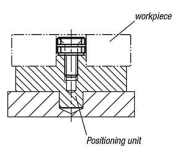
clamped

Note:

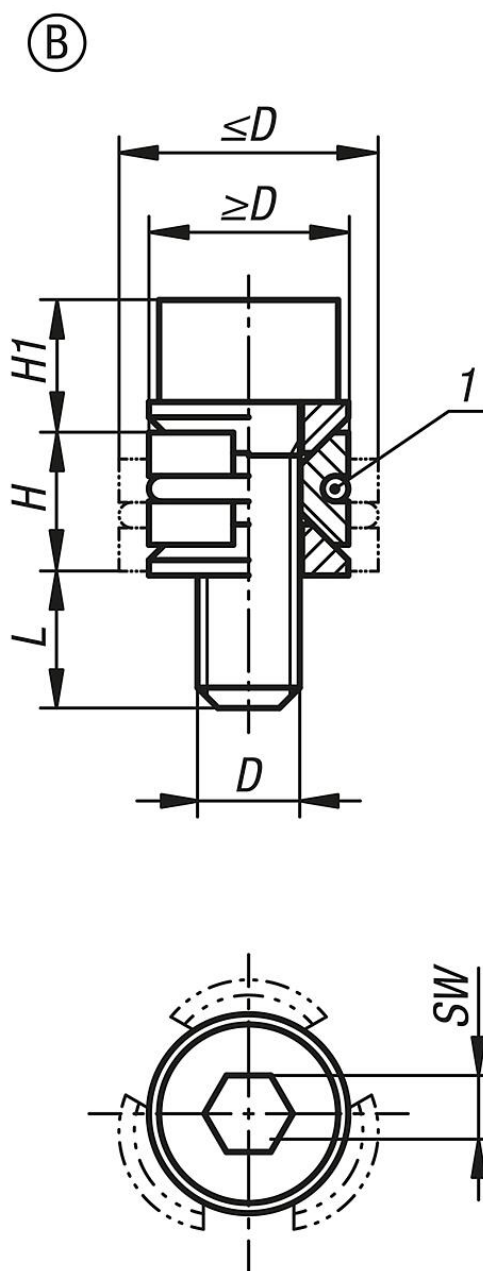
The clamp makes point contact with the bore wall when clamped.



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



Drawings



Overview of items

Order No.	Form	D=Thread	D min.	D max.	H	H1	L	SW	Clamping force max. kN	Tightening torque Nm
03164-20804	B	M4x12	8	10,3	5,5	5,1	7,1	3	1,5	2,7
03164-21005	B	M5X15	10	12,3	6,4	6,2	9	4	2,5	5,4
03164-21206	B	M6X18	12	16,3	8,6	7,9	10,6	5	5	9,1
03164-21608	B	M8X25	16	22	11,5	10,4	15,4	6	9	25

