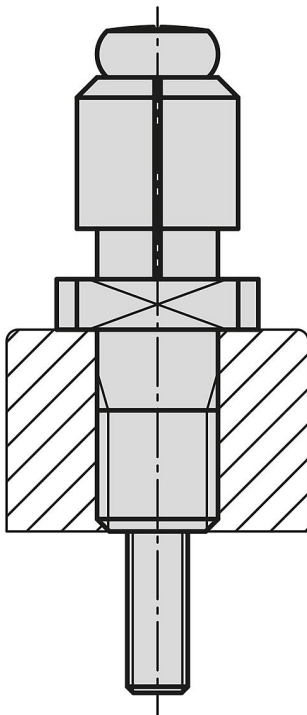
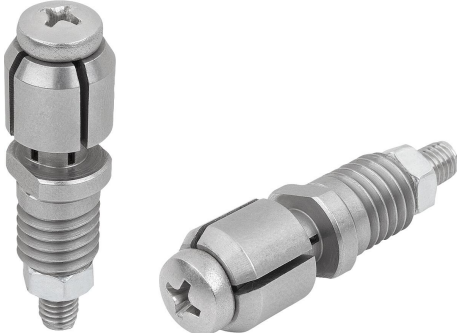


Mandrel collet for small bores for automated clamping

Item description/product images



Description

Material:

Stainless steel 1.4305 (AISI 303 equivalent).

Version:

Bright.

Note:

The mandrel collet is used in small bores (through holes or blind holes) to position and clamp workpieces. The clamping movement is controlled from below, manually or automated via pneumatics or hydraulics

The mandrel OD can be ground to the desired size. The locating hole in the workpiece should have an H7 tolerance.

D min. = smallest permissible diameter to which "D" may be ground.

- applicable for holes from $\varnothing 5$ to $\varnothing 12.5$ mm
- compact design, small installation space
- simple handling
- mounting in any position
- different installation types possible
- large area pressure protects the workpiece surface
- individually adaptable to the diameter

Technical data:

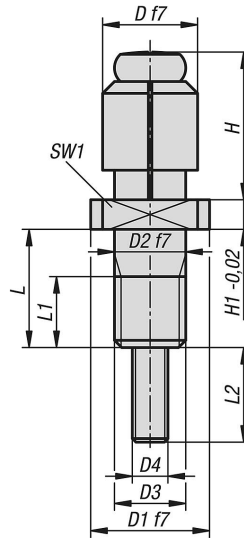
The max. tensile force kN given in the table refers to the D4 tie rod.

Assembly:

If required, diameter D can be adapted to suit the diameter being held. In this case, expand the mandrel ca. 0.2 mm (clamping travel) over the required diameter by fastening the tie rod (cross-headed pan-head screw) with the hex nut provided. Grind the OD of the mandrel collet to suit the ID of the workpiece bore.

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Drawings



Mandrel collet for small bores for automated clamping

Order No.	style	D	D min.	D1	D2	D3	D4	H	H1	L	L1	L2	SW1	Clamping force max. kN	Tractive force max. kN
K2098.06080	A	8	6	10	6	M6	M3	12,5	2,5	10	6	8	6	2,6	-
K2098.08100	A	10	8	12	8	M8	M4	15	3	12	8	13	8	3,9	-
K2098.10125	A	12,5	10	12,5	10	M10	M5	19	3	12	8	15	10	8,5	-