

Locating cylinder with wedge clamp system



Material:

Carbon steel.

Version:

Black oxidised.

Sample order:

K1802.1625

Note:

A workpiece can be easily secured and centred in a bore using the locating cylinder.
 Due to the low surface friction on rigid contact faces generated by the integrated axial needle bearing, increased clamping forces can be achieved.
 The high load rating of the bearing guarantees a long service life.
 Clamping cylinder with pull-down effect.

Assembly:

Insert the locating cylinder through the mounting hole in the workpiece being secured.
 Tighten the screw first by hand using the knurled part of the screw and then tighten further using a suitable spanner.
 The knurled part can also be sunk into a counterbore provided for this purpose.

Advantages:

Easily adjustable clamping range
 Independent of the bores diameter and surface finish (up to H12)
 Pull-down effect
 Significant increase in clamping force for same tightening torque
 High-quality axial needle bearing with high load rating and long service life

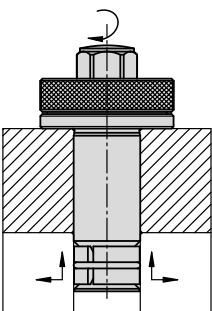
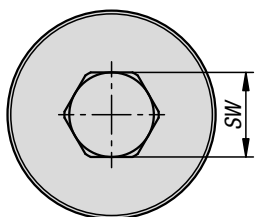
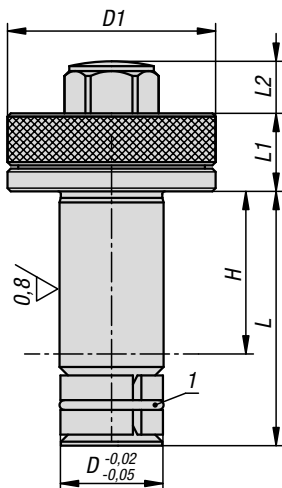
Applications:

Ideal for fastening standard elements of various thicknesses. The clamping cylinder can also be used for quick-change systems.

Drawing reference:

The dimension H refers to the clamping area.

1) O-ring



KIPP Locating cylinder with wedge clamp system

Order No.	D	D1	H clamping range	L	L1	L2	SW	Holding force F kN	Tightening torque Nm	Order No. Repair Kit
K1802.1010	10	20	0-10	20	8	5	8	5,4	4,4	K1802.91010
K1802.1215	12	26	0-15	27	10	6	10	8,8	10,5	K1802.91215
K1802.1625	16	32	0-25	39	12	8	13	16,8	22	K1802.91625
K1802.2030	20	38	0-30	49,5	15	9	17	22,6	31	K1802.92030

Repair kits for locating cylinders



Sample order:
K1802.91215

Note:
Repair set consisting of screw with countersunk head,
O-ring and 3-part jaws.



KIPP Repair kits for locating cylinders

Order No.	for D	for Art. No.
K1802.91010	10	K1802.1010
K1802.91215	12	K1802.1215
K1802.91625	16	K1802.1625
K1802.92030	20	K1802.2030