

Workpiece stabiliser



Technical information for workpiece stabiliser



The workpiece stabiliser has been developed specifically for minimising vibrations and oscillations when machining sensitive and thin-walled workpieces.

This system is extremely flexible thanks to its different methods of fixing to the workpiece and the machine table.





- 1 Fastening set for T-slots
- 2 Magnet
- 3 Fastening set for zero point interface
- 4 Workpiece stabiliser
- 5 Fine adjustment
- 6 Clamp strap
- 7 Clamping ball with cup

Workpiece stabiliser

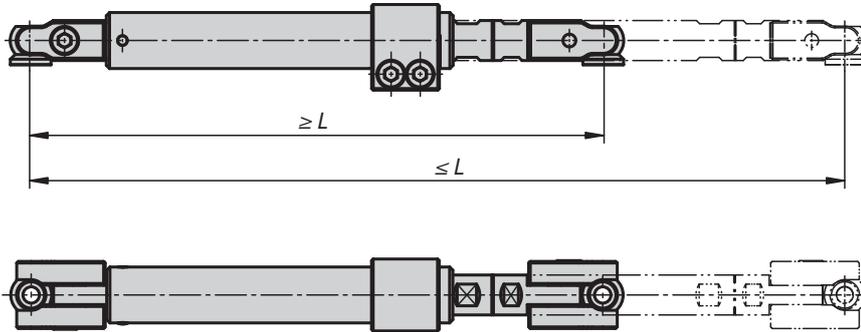


Material:
Steel.

Version:
Black oxidised.

Sample order:
K1170.255305

Note:
The length of the stabiliser is infinitely adjustable. With the locking mechanism, the shaft can be securely locked against tension and compression. Supplied with 2 fastening sets and clamping ball with seating cup.



KIPP Workpiece stabiliser

Order No.	L min.	L max.	weight kg
K1170.255305	255	305	1.9
K1170.355505	355	505	2.5

K1186

Extension shafts

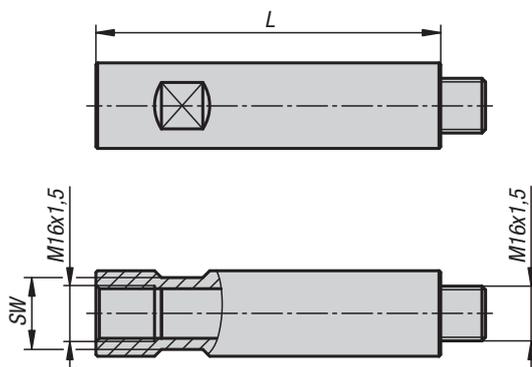
for workpiece stabiliser



Material:
Steel.

Sample order:
K1186.1625075

Note:
The extension shafts extend the adjustment range. They are mounted with the clamping ball between the workpiece stabiliser and the fastening set.



KIPP Extension shafts for workpiece stabiliser

Order No.	L	SW	weight kg
K1186.1625075	75	21	0.233
K1186.1625100	100	21	0.293
K1186.1625150	150	21	0.416
K1186.1625250	250	21	0.697
K1186.1625500	500	21	1.9

Fine adjustment

for workpiece stabiliser

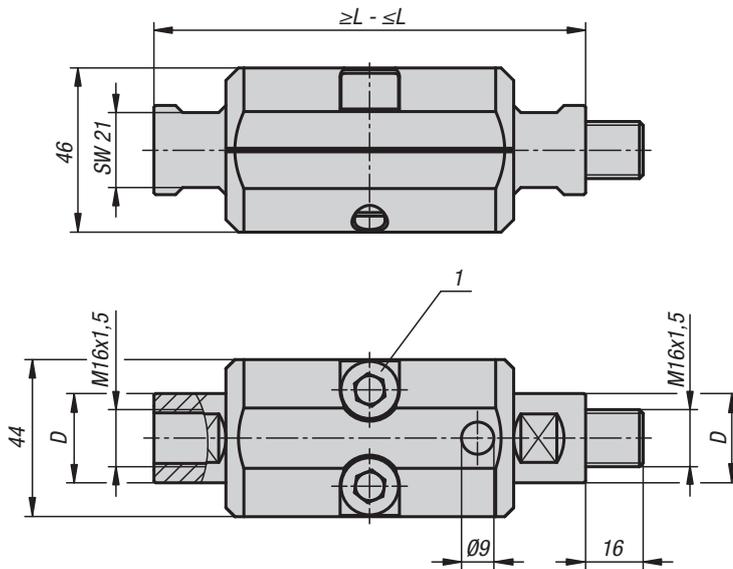


Material:
Steel.

Sample order:
K1187.25120150

Note:
The fine adjuster enables the distance between the workpiece and the support surface to be precisely set. If required, the adjuster can be used to set the stabiliser under tensile or compressive load.

Drawing reference:
1) DIN EN ISO 4762 M10 cap screw



KIPP Fine adjustment for workpiece stabiliser

Order No.	D	L min.	L max.
K1187.25120150	25	120	150

K1188

Magnet

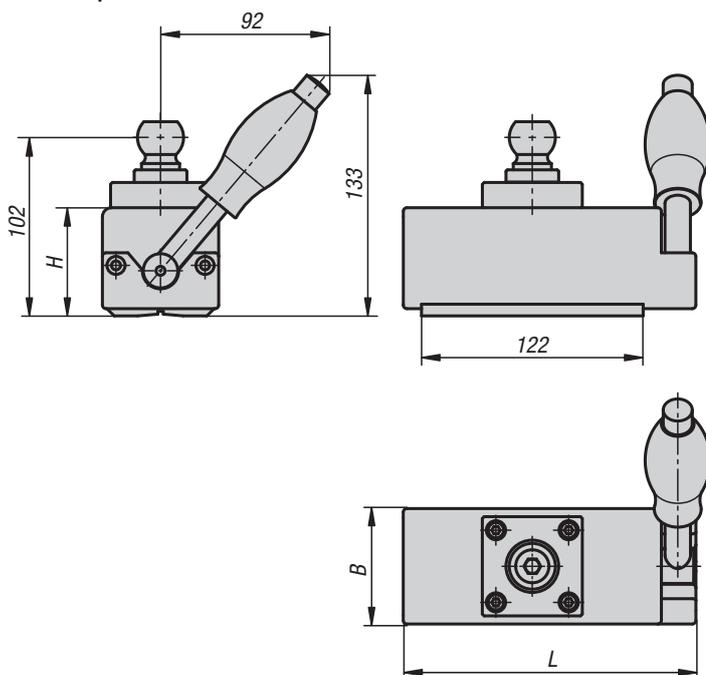
for workpiece stabiliser



Sample order:
K1188.25161064

Note:
The magnet is connected to the workpiece stabiliser. The magnet can be positioned anywhere enabling flexible placement on the machine table.

Attention:
- Retaining force 1470N.
- Max. retention from 8mm depending on material thickness.
- No lifting apparatus.

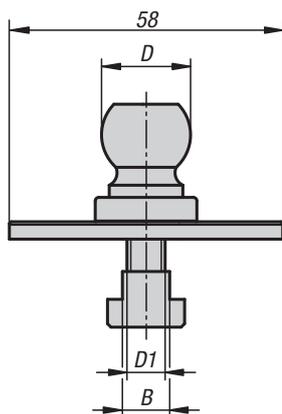


KIPP Magnet for workpiece stabiliser

Order No.	B	H	L	Magnetic force N	weight kg
K1188.25161064	64	60	161	1470	3.73

Fastening set

for T-slot tables



Material:
Steel.

Sample order:
K1189.2512

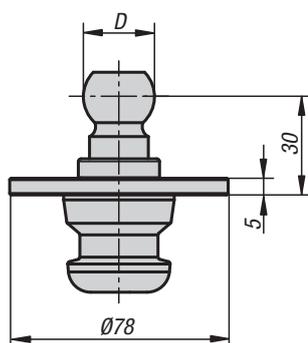
Note:
These fastening sets are for adapting to machine tables with T-slots.

KIPP Fastening set for T-slot tables

Order No.	Version	B	D1	D
K1189.2512	for T-slot	12	M10	25,4
K1189.2514	for T-slot	14	M10	25,4
K1189.2518	for T-slot	18	M10	25,4
K1189.2520	for T-slot	20	M10	25,4
K1189.2522	for T-slot	22	M10	25,4
K1189.2524	for T-slot	24	M10	25,4

Fastening set

workpiece stabiliser



Material:
Steel.

Sample order:
K1190.2540

Note:
The fastening set is suitable for adaption to UNI lock clamping systems.

KIPP Fastening set for workpiece stabiliser

Order No.	D
K1190.2540	25,4

Fastening set with clamping ball

for workpiece stabiliser

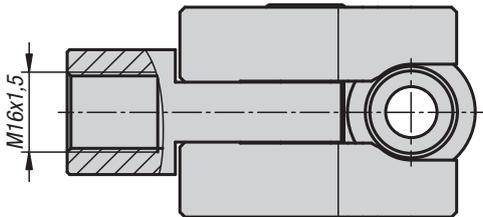
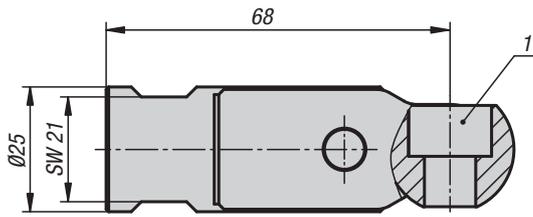


Material:
Steel.

Sample order:
K1191.2525

Note:
This fastening set is used to connect the stabiliser to the workpiece. It is supplied with ball and seating cup.

Drawing reference:
1) for DIN 912 M10 cap screw



KIPP Fastening set with clamping ball for workpiece stabiliser

Order No.	Dimensions
K1191.2525	see drawing

K1192

Claw clamp

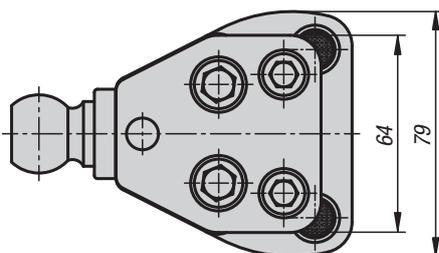
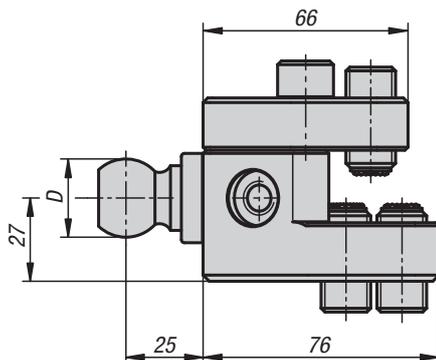
for workpiece stabiliser



Material:
Steel.

Sample order:
K1192.258076

Note:
This claw clamp is used to connect the stabiliser to the workpiece. The clamping ball can be attached to several faces of the claw clamp enabling flexible adjustment.

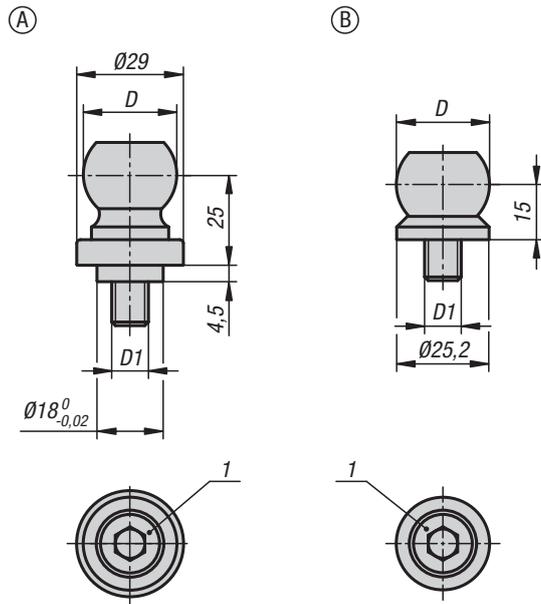


KIPP Clamp strap for workpiece stabiliser

Order No.	D
K1192.258076	25,4

Clamping balls with cup

for workpiece stabiliser



Sample order:
K1193.125

Note:

The clamping balls with cup enable flexible connections between the workpiece and the workpiece stabiliser. The clamping balls provide a high degree of freedom on the workpiece.

Drawing reference:

1) DIN EN ISO 4762 M10 cap screw

KIPP Clamping balls with cup for workpiece stabiliser

Order No.	Form	D	D1
K1193.125	A	25,4	M10
K1193.225	B	25,4	M10

Notes

