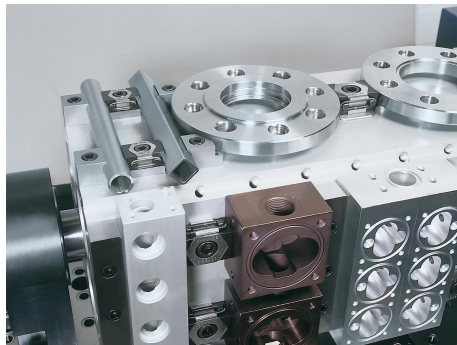
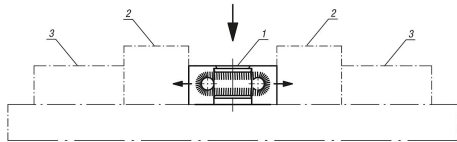


Item description/product images



Description

Material:

Body and clamping segments tool steel.

Version:

Body hardened.

Jaw segments hardened (49-51 HRC) black oxidised.

Wedge faces ground.

Note:

The compact design makes these wedge clamps ideal for horizontal and vertical series clamping. The hardened and ground wedge faces can exert high clamping forces. These wedge clamps can be mounted in grid holes or T-slots. Tightening the DIN 912 socket screw moves the wedge down and the jaws out pressing the workpieces against the fixtures fixed stops.

The jaws of version 04525-08 and 04525-0810 are not serrated.

The wedge has a slightly elongated hole allowing for movement.

Spread width:

04525-08 = ± 0.5 mm

04525-12 = ± 1.0 mm

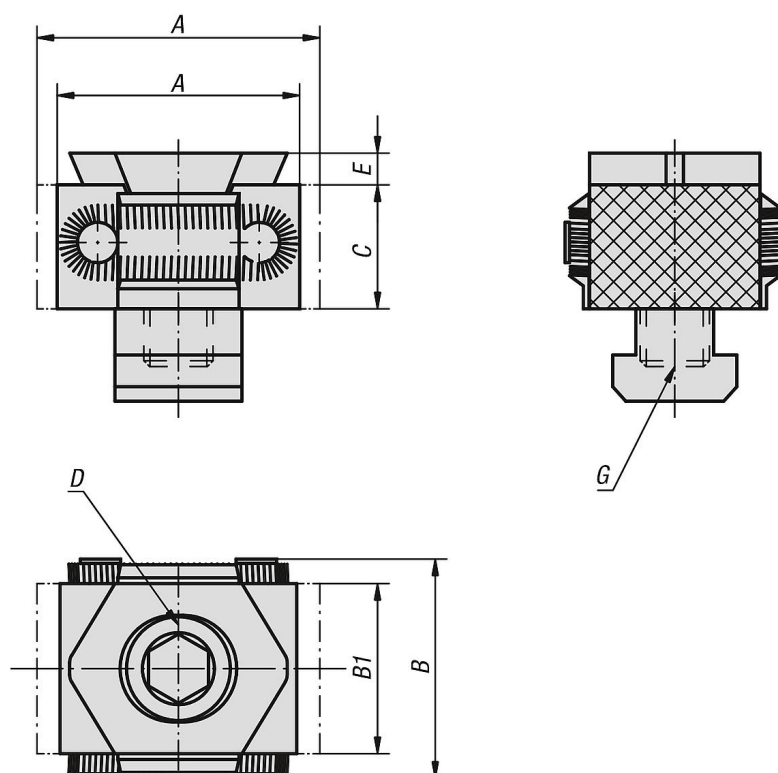
04525-16 = ± 1.5 mm

Drawing reference:

D) DIN 912 cap screw

- 1) Wedge clamps
- 2) Workpiece
- 3) Fixed stop

Drawings



Overview of items

Order No.	Version 1	A min.	A max.	B	B1	C	D	E	Version 2	G	Clamping force max. kN	Tightening torque max. Nm
04525-08	0	27	31	29	21	15	M8X25	2,5	Micro adjustment backlash-free; strongly dimensioned; preload adjustable	M8	15	25
04525-0810	0	27	31	29	21	15	M8X25	2,5	blue	10	15	25
04525-12	Ball Holder	42	49	41	30	22	M12X40	4	Micro adjustment backlash-free; strongly dimensioned; preload adjustable	M12	30	85
04525-1214	Ball Holder	42	49	41	30	22	M12X30	4	blue	14	30	85
04525-16	Ball Holder	57	66	56	42	29	M16X60	5	Micro adjustment backlash-free; strongly dimensioned; preload adjustable	M16	50	210
04525-1618	Ball Holder	57	66	56	42	29	M16X50	5	blue	18	50	210