K1745

Wedge clamps with fixed jaw

Item description/product images

Description

Product description:
The functioning principle make the wedge clamps ideal for multi-clamping.
The wedge shape creates high clamping forces.
These wedge clamps set into a T-slot for clamping.
Tightening the clamping screw moves the clamping segments outwards and presses the workpiece against the fixed jaws of the machining fixture.
The wedge has a slightly elongated hole allowing for movement to compensate for tolerances.
Displacement: M12 = ±1,0 mm.

Material:
Double wedge and clamping segments mild steel.

Version:
Double wedge and clamping segments hardened, phosphated.

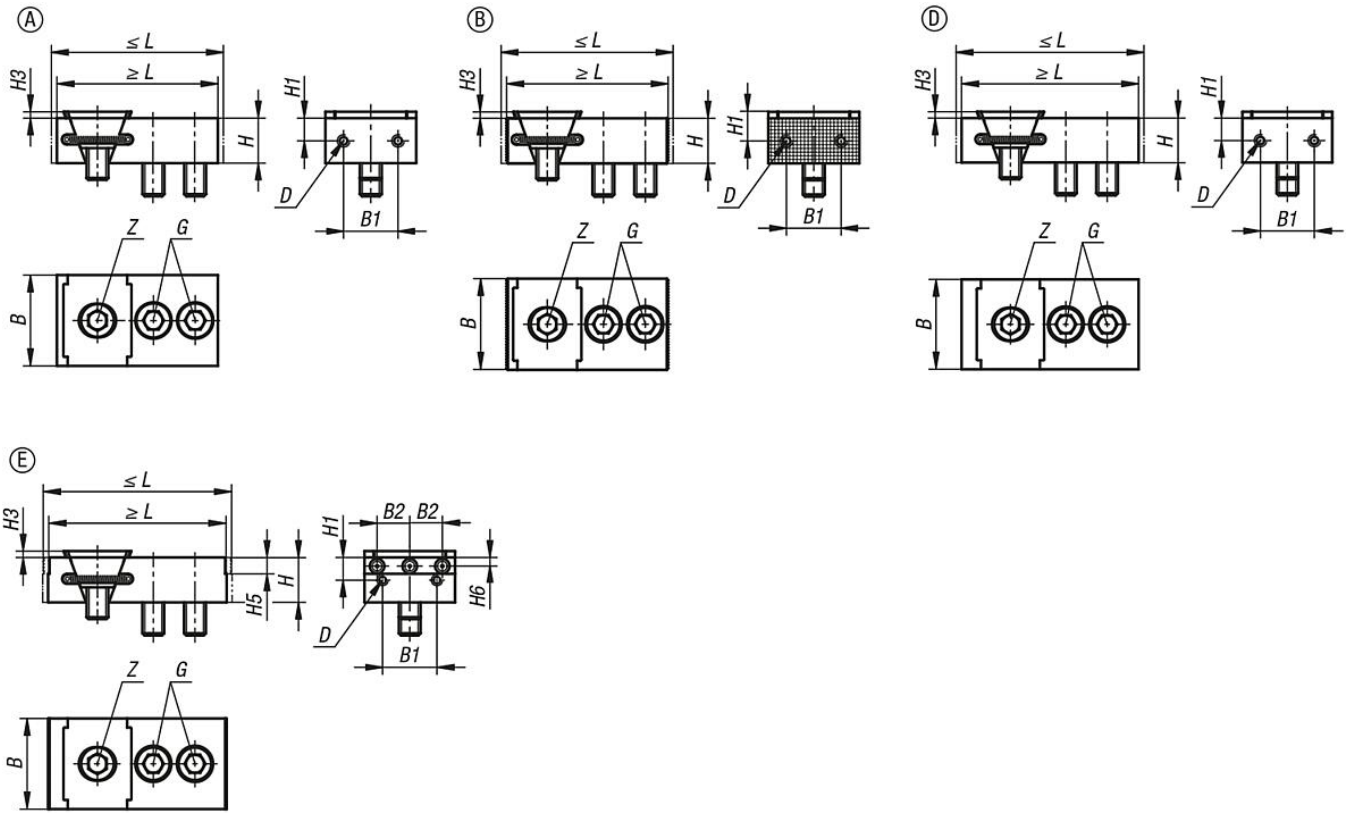
Note:
The two screw-on holes in the clamping faces also enable seating ledges to be mounted so as to optimise the clamping depth of the workpieces.
The underside is carbide-coated. This increases the coefficient of friction.

Supplied with:
Wedge clamps
Fastening screws.

Drawing reference:
Form A: Smooth jaw face
Form B: Serrated jaw face
Form D: With machining allowance
Form E: With jaw pins

Wedge clamps with fixed jaw

Drawings



Overview of items

Wedge clamps with fixed jaw

Order No.	Form	Form definition	L min.	L max.	B	H	B1	B2	H1	H3	H5	H6
K1745.0500112	A	smooth	88,5	94,5	50	25	30	-	12,5	3,5	-	-
K1745.0500212	B	serrated	88,5	94,5	50	25	30	-	12,5	3,5	-	-
K1745.0500412	D	with machining allowance	98,5	104,5	50	25	30	-	12,5	3,5	-	-
K1745.0500512	E	with pins	98	104	50	25	30	18	12,5	3,5	9	4,75

Order No.	Form	Form definition	D Internal thread	G cap screw DIN 912	Z cap screw DIN 912	Clamping force max. kN	Tightening torque max. Nm
K1745.0500112	A	smooth	M5	M12x30	M12x25	30	85
K1745.0500212	B	serrated	M5	M12x30	M12x25	30	85
K1745.0500412	D	with machining allowance	M5	M12x30	M12x25	30	85
K1745.0500512	E	with pins	M5	M12x30	M12x25	30	85