

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 = $\pm 1,0$ 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:

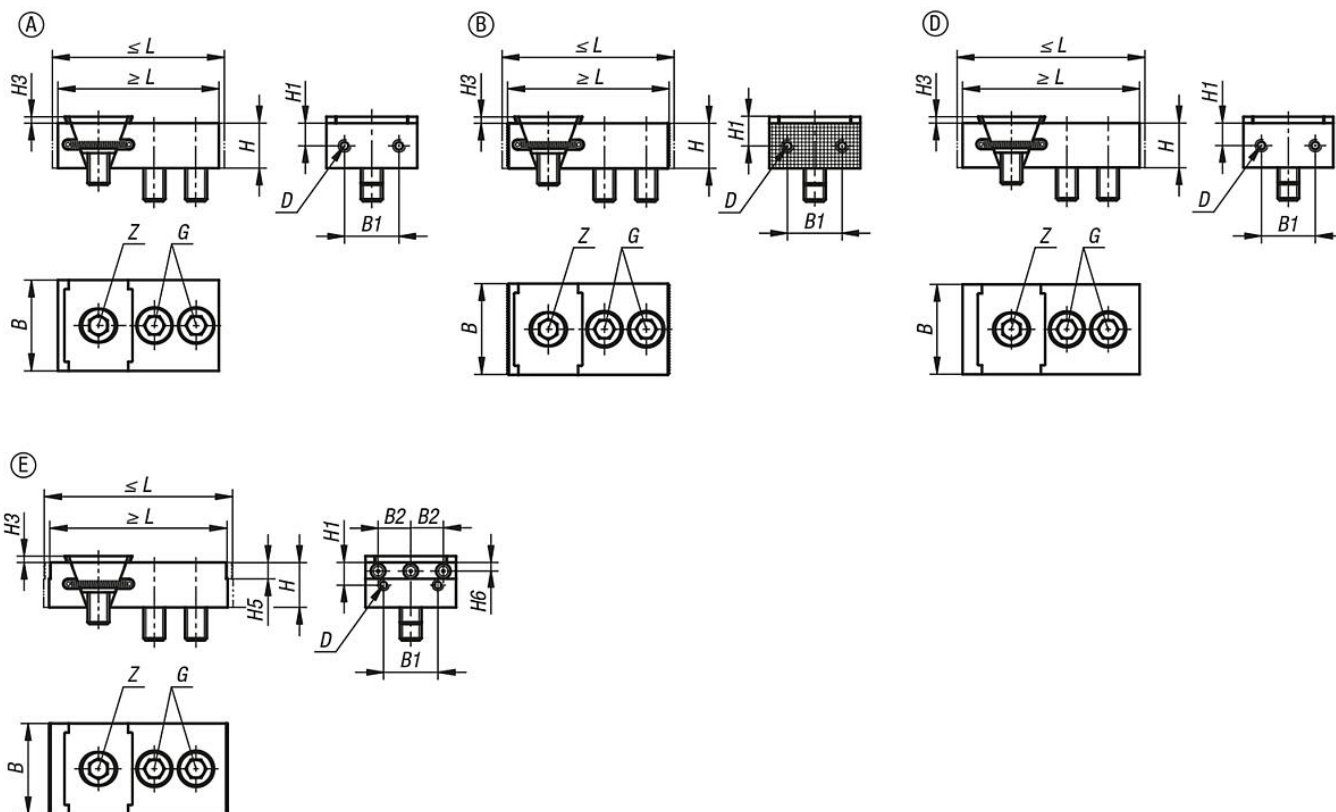
Form A: Smooth jaw face

Form B: Serrated jaw face

Form D: With machining allowance

Form E: With jaw pins

Drawings



Overview of items

Order No.	Form	Form definition	L min.	L max.	B	H	B1	B2	H1	H3	H5	H6
04451-0500112	A	smooth	88,5	94,5	50	25	30	-	12,5	3,5	-	-
04451-0500212	B	serrated	88,5	94,5	50	25	30	-	12,5	3,5	-	-
04451-0500412	D	with machining allowance	98,5	104,5	50	25	30	-	12,5	3,5	-	-
04451-0500512	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
04451-0500112	A	smooth	M5	M12x30	M12x25	30	85
04451-0500212	B	serrated	M5	M12x30	M12x25	30	85
04451-0500412	D	with machining allowance	M5	M12x30	M12x25	30	85
04451-0500512	E	with pins	M5	M12x30	M12x25	30	85