

Wedge clamps

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.

The wedge clamps can be used for clamping in conjunction with the clamping rail or mounted in tapped holes or T-slots.

Tightening the clamping screw moves the two clamping segments outwards and press the workpieces against the fixed jaws of the machining fixture.

The double wedge has an elongated hole allowing for movement and to compensate for tolerances.

Displacement: M12 = ± 1 mm, M16 = ± 1.5 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.

Supplied with:

Wedge clamps.

Fastening screw.

Drawing reference:

Form A: Smooth jaw face

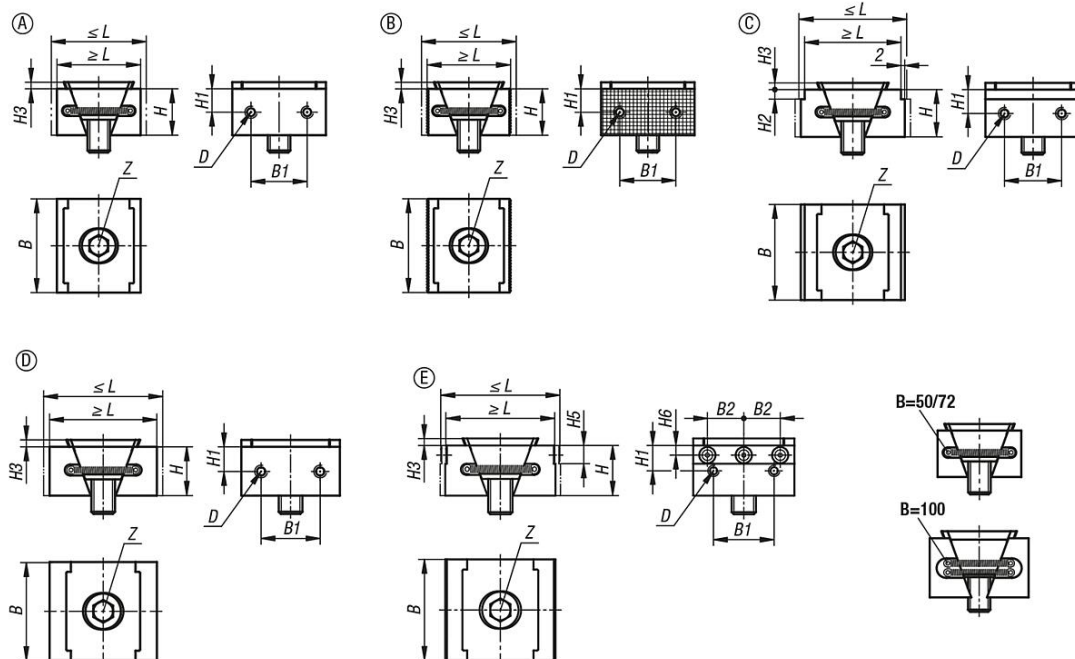
Form B: Serrated jaw facet

Form C: With step

Form D: With machining allowance

Form E: With jaw pins

Drawings



Overview of items

Wedge clamps

Order No.	Form	Form definition	L min.	L max.	B	H	B1	B2	H1	H2	H3	H5	H6
K1748.0500112	A	smooth	44,5	50,5	50	25	30	-	12,5	-	3,5	-	-
K1748.0720112	A	smooth	61	68	72	39,7	44	-	21,3	-	3,5	-	-
K1748.0720116	A	smooth	61	68	72	39,7	44	-	21,3	-	3,5	-	-
K1748.1000116	A	smooth	71,5	81,5	100	42,6	64	-	21,6	-	5	-	-
K1748.0500212	B	serrated	44,5	50,5	50	25	30	-	12,5	-	3,5	-	-
K1748.0720212	B	serrated	61	68	72	39,7	44	-	21,3	-	3,5	-	-
K1748.0720216	B	serrated	61	68	72	39,7	44	-	21,3	-	3,5	-	-
K1748.1000216	B	serrated	71,5	81,5	100	42,6	64	-	21,6	-	5	-	-
K1748.0502312	C	2 mm steps	50,5	56,5	50	25	30	-	12,5	2	3,5	-	-
K1748.0505312	C	5 mm steps	50,5	56,5	50	25	30	-	12,5	5	3,5	-	-
K1748.0722316	C	2 mm steps	67	74	72	39,7	44	-	21,3	2	3,5	-	-
K1748.0725316	C	5 mm steps	67	74	72	39,7	44	-	21,3	5	3,5	-	-
K1748.1002316	C	2 mm steps	77,5	87,5	100	42,6	64	-	21,6	2	5	-	-
K1748.1005316	C	5 mm steps	77,5	87,5	100	42,6	64	-	21,6	5	5	-	-
K1748.0500412	D	with machining allowance	54,5	60,5	50	25	30	-	12,5	-	3,5	-	-
K1748.0720412	D	with machining allowance	71	78	72	39,7	44	-	21,3	-	3,5	-	-
K1748.0720416	D	with machining allowance	71	78	72	39,7	44	-	21,3	-	3,5	-	-
K1748.1000416	D	with machining allowance	81,5	91,5	100	42,6	64	-	21,6	-	5	-	-
K1748.0500512	E	with pins	54	60	50	25	30	18	12,5	-	3,5	9	4,75
K1748.0720512	E	with pins	70,2	77,6	72	39,7	44	27	21,3	-	3,5	9	4,75
K1748.0720516	E	with pins	70,2	77,6	72	39,7	44	27	21,3	-	3,5	9	4,75
K1748.1000516	E	with pins	80,5	90,5	100	42,6	64	40	21,6	-	5	9	4,75

Order No.	Form	Form definition	D Internal thread	Z cap screw DIN 912	Clamping force max. kN	Tightening torque max. Nm
K1748.0500112	A	smooth	M5	M12x25	30	85
K1748.0720112	A	smooth	M6	M12x40	30	85
K1748.0720116	A	smooth	M6	M16x40	50	150
K1748.1000116	A	smooth	M8	M16x40	50	150
K1748.0500212	B	serrated	M5	M12x25	30	85

Overview of items

Order No.	Form	Form definition	D Internal thread	Z cap screw DIN 912	Clamping force max. kN	Tightening torque max. Nm
K1748.0720212	B	serrated	M6	M12X40	30	85
K1748.0720216	B	serrated	M6	M16X40	50	150
K1748.1000216	B	serrated	M8	M16X40	50	150
K1748.0502312	C	2 mm steps	M5	M12x25	30	85
K1748.0505312	C	5 mm steps	M5	M12x25	30	85
K1748.0722316	C	2 mm steps	M6	M16X40	50	150
K1748.0725316	C	5 mm steps	M6	M16X40	50	150
K1748.1002316	C	2 mm steps	M8	M16X40	50	150
K1748.1005316	C	5 mm steps	M8	M16X40	50	150
K1748.0500412	D	with machining allowance	M5	M12x25	30	85
K1748.0720412	D	with machining allowance	M6	M12X40	30	85
K1748.0720416	D	with machining allowance	M6	M16X40	50	150
K1748.1000416	D	with machining allowance	M8	M16X40	50	150
K1748.0500512	E	with pins	M5	M12x25	30	85
K1748.0720512	E	with pins	M6	M12X40	30	85
K1748.0720516	E	with pins	M6	M16X40	50	150
K1748.1000516	E	with pins	M8	M16X40	50	150