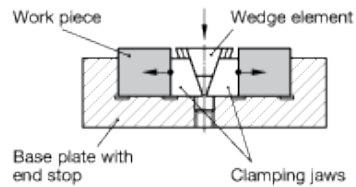
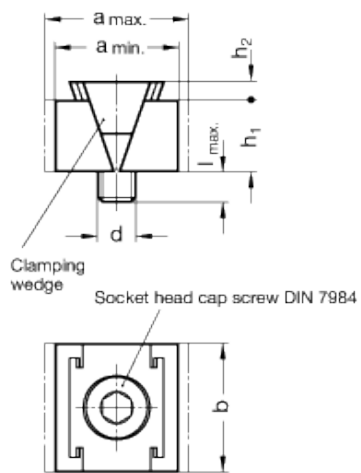
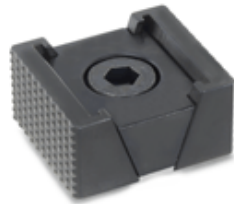
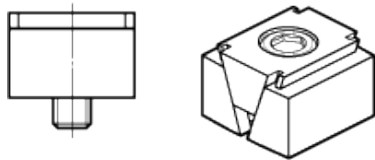


GN 920.1

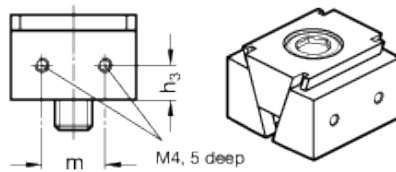
Wedge clamps



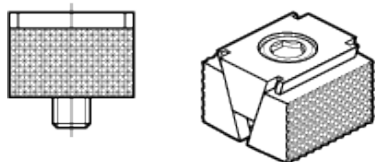
Type GL



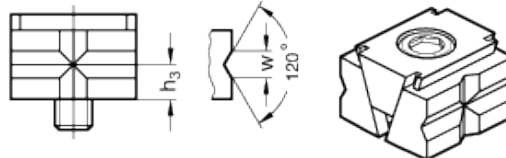
Type GA



Type RF



Type PR



Black-oxide steel.

Type GL: smooth clamping jaws (jaw blanks for clamping contours specific to the workpiece).

Type GA: with 2 fixing threads for attachment jaws.

Type RF: ribbed clamping surfaces.

Type PR: with prism jaws.

Wedge block

Black-oxide hardened steel.

Socket head cap screw DIN 7984

Black-oxide steel, class 10.9 (tensile strength 1000 N/mm²).

T-nuts

Black-oxide tempered steel.

Applications

Clamping with the wedge clamps GN 920.1 is achieved via the cylinder screw and the clamp wedge which cause both clamping jaws to move outward.

When loosening the screw, the clamp wedge is returned via an internal return spring which, in turn, loosens the tension.

Wedge clamps are ideal for multiple clamping operations, but they are also suitable for clamping individual workpieces.

The long hole in the clamp wedge serves to compensate tolerances in the workpiece.

Standard Elements	Main dimensions											Clamping force	Weight
Description	d	b	a _{min.}	a _{max.}	h ₁	h ₂	h ₃	l _{max.}	m	w	in kN per clamping jaw	g	
GN 920.1-M8-21-GL	M8	21	40	44.5	15	4	-	24	-	-	15 at 25 Nm	104	
GN 920.1-M8-25-GL	M8	25	40	44.5	15	4	-	24	-	-	15 at 25 Nm	121	
GN 920.1-M8-32-GL	M8	32	40	44.5	15	4	-	24	-	-	15 at 25 Nm	152	
GN 920.1-M8-40-GL	M8	40	40	44.5	15	4	-	24	-	-	15 at 25 Nm	185	
GN 920.1-M8-50-GL	M8	50	40	44.5	15	4	-	24	-	-	15 at 25 Nm	231	
GN 920.1-M12-40-GL	M12	40	39.5	45.5	22	5	-	24	-	-	30 at 85 Nm	276	
GN 920.1-M12-50-GL	M12	50	39.5	45.5	22	5	-	24	-	-	30 at 85 Nm	350	
GN 920.1-M8-21-GA	M8	21	40	44.5	15	4	7.5	24	10	-	15 at 25 Nm	102	
GN 920.1-M8-25-GA	M8	25	40	44.5	15	4	7.5	24	12	-	15 at 25 Nm	119	
GN 920.1-M8-32-GA	M8	32	40	44.5	15	4	7.5	24	16	-	15 at 25 Nm	150	
GN 920.1-M8-40-GA	M8	40	40	44.5	15	4	7.5	24	20	-	15 at 25 Nm	182	
GN 920.1-M8-50-GA	M8	50	40	44.5	15	4	7.5	24	30	-	15 at 25 Nm	228	
GN 920.1-M12-40-GA	M12	40	39.5	45.5	22	5	11	24	20	-	30 at 85 Nm	275	
GN 920.1-M12-50-GA	M12	50	39.5	45.5	22	5	11	24	30	-	30 at 85 Nm	341	
GN 920.1-M8-21-RF	M8	21	35	39.5	15	4	-	24	-	-	15 at 25 Nm	89	
GN 920.1-M8-25-RF	M8	25	35	39.5	15	4	-	24	-	-	15 at 25 Nm	104	
GN 920.1-M8-32-RF	M8	32	35	39.5	15	4	-	24	-	-	15 at 25 Nm	150	
GN 920.1-M8-40-RF	M8	40	35	39.5	15	4	-	24	-	-	15 at 25 Nm	159	
GN 920.1-M8-50-RF	M8	50	35	39.5	15	4	-	24	-	-	15 at 25 Nm	193	
GN 920.1-M12-40-RF	M12	40	39.5	45.5	22	5	-	24	-	-	30 at 85 Nm	268	
GN 920.1-M12-50-RF	M12	50	39.5	45.5	22	5	-	24	-	-	30 at 85 Nm	333	
GN 920.1-M8-21-PR	M8	21	35	39.5	15	4	7.5	24	-	8.5	15 at 25 Nm	87	
GN 920.1-M8-25-PR	M8	25	35	39.5	15	4	7.5	24	-	8.5	15 at 25 Nm	102	
GN 920.1-M8-32-PR	M8	32	35	39.5	15	4	7.5	24	-	8.5	15 at 25 Nm	127	
GN 920.1-M8-40-PR	M8	40	35	39.5	15	4	7.5	24	-	8.5	15 at 25 Nm	156	
GN 920.1-M8-50-PR	M8	50	35	39.5	15	4	7.5	24	-	8.5	15 at 25 Nm	190	
GN 920.1-M12-40-PR	M12	40	39.5	45.5	22	5	11	24	-	8.5	30 at 85 Nm	280	
GN 920.1-M12-50-PR	M12	50	39.5	45.5	22	5	11	24	-	8.5	30 at 85 Nm	300	



STANDARD MACHINE ELEMENTS WORLDWIDE