

Wedge clamps

SPECIFICATION

Types

- Type **GL**: smooth clamping surfaces
- Type **GA**: with 2 fixing threads for attachment jaws
- Type **RF**: ribbed clamping surfaces

Steel

- Wedge surfaces hardened
- blackened

Socket head cap screw DIN 7984

Tensile strength class 10.9 (1000 N/mm²)

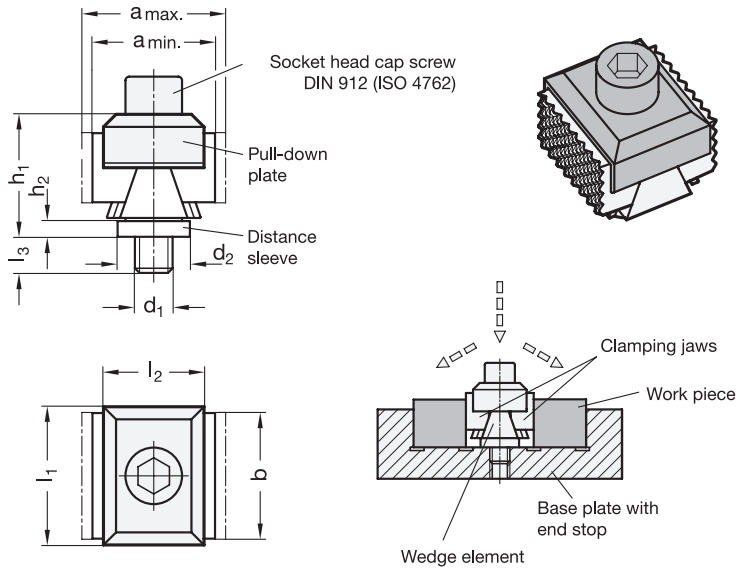
INFORMATION

Clamping with the wedge clamps GN 920.1 is achieved via the socket head cap 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.



Type **GL** smooth clamping surfaces (jaw blank for workpiece-specific clamping contours)



Type **GA** with 2 fixing threads for attachment jaws



Type **RF** ribbed clamping surfaces



GN 920.1

Description	d	b	a min.	a max.	h1	h2	h3	l max.	m	Clamping force per clamping jaw in kN	Max. tightening torque in Nm	⚖️
GN 920.1-M8-21-GA	M 8	21	39.5	44.5	15	4.5	7.5	15	10	15	25	102
GN 920.1-M8-25-GA	M 8	25	39.5	44.5	15	4.5	7.5	15	12	15	25	119
GN 920.1-M8-32-GA	M 8	32	39.5	44.5	15	4.5	7.5	15	16	15	25	150
GN 920.1-M8-40-GA	M 8	40	39.5	44.5	15	4.5	7.5	15	20	15	25	182
GN 920.1-M8-50-GA	M 8	50	39.5	44.5	15	4.5	7.5	15	30	15	25	228
GN 920.1-M12-40-GA	M 12	40	40	45.5	22	4.5	11	21	20	30	85	275
GN 920.1-M12-50-GA	M 12	50	40	45.5	22	4.5	11	21	30	30	85	341
GN 920.1-M8-21-GL	M 8	21	39.5	44.5	15	4.5	-	15	-	15	25	100
GN 920.1-M8-25-GL	M 8	25	39.5	44.5	15	4.5	-	15	-	15	25	114
GN 920.1-M8-32-GL	M 8	32	39.5	44.5	15	4.5	-	15	-	15	25	152
GN 920.1-M8-40-GL	M 8	40	39.5	44.5	15	4.5	-	15	-	15	25	185
GN 920.1-M8-50-GL	M 8	50	39.5	44.5	15	4.5	-	15	-	15	25	231
GN 920.1-M12-40-GL	M 12	40	40	45.5	22	4.5	-	21	-	30	85	276
GN 920.1-M12-50-GL	M 12	50	40	45.5	22	4.5	-	21	-	30	85	350
GN 920.1-M8-21-RF	M 8	21	34.5	39.5	15	4.5	-	15	-	15	25	89
GN 920.1-M8-25-RF	M 8	25	34.5	39.5	15	4.5	-	15	-	15	25	104
GN 920.1-M8-32-RF	M 8	32	34.5	39.5	15	4.5	-	15	-	15	25	150
GN 920.1-M8-40-RF	M 8	40	34.5	39.5	15	4.5	-	15	-	15	25	159
GN 920.1-M8-50-RF	M 8	50	34.5	39.5	15	4.5	-	15	-	15	25	193
GN 920.1-M12-40-RF	M 12	40	40	45.5	22	4.5	-	21	-	30	85	268
GN 920.1-M12-50-RF	M 12	50	40	45.5	22	4.5	-	21	-	30	85	333

