

# GN 920.1

## Wedge clamps



- **Clamping jaws**  
Black-oxide steel.
- **Standard versions available**
  - Version **GL**: smooth clamping jaws (jaw blanks for clamping contours specific to the workpiece).
  - Version **GA**: with 2 fixing threads for attachment jaws.
  - Version **RF**: ribbed clamping surfaces.
  - Version **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/mm<sup>2</sup>).
- **T-nuts**  
Black-oxide tempered steel.



### Features and applications

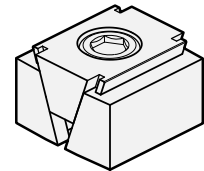
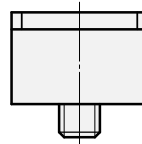
Clamping with the wedge clamps GN 920.1 is achieved via the cylinder screw and the clamp wedge which cause both clamping jaws to move outward.

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

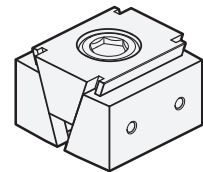
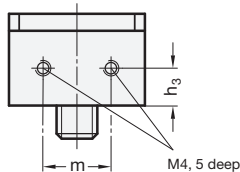
Wedge clamps are ideal for multiple clamping operations, but they are also suitable for clamping individual workpieces.

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

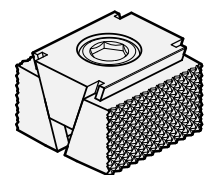
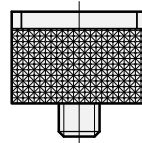
Version **GL**:  
smooth clamping jaws (jaw blanks for clamping contours specific to the workpiece).



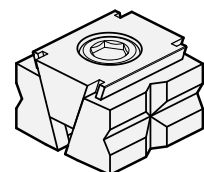
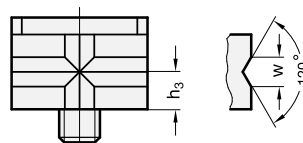
Version **GA**:  
with 2 fixing threads for attachment jaws.

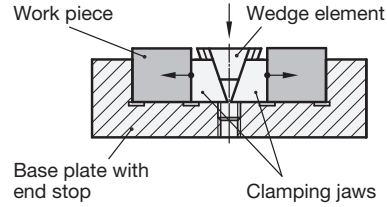
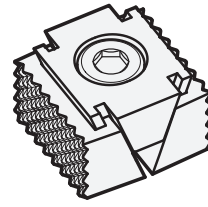
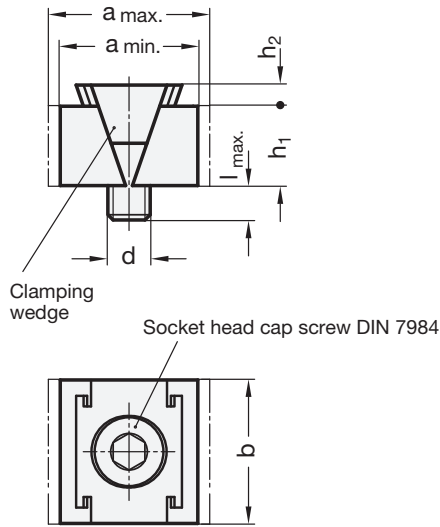


Version **RF**:  
ribbed clamping surfaces.



Version **PR**:  
with prism jaws.





Standard Elements	Main dimensions										Clamping force in kN $\approx$	$\triangle$ g
Description	d	b	a min.	a max.	h1	h2	h3	l max.	m	w		
GN 920.1-M8-21-GL	M8	21	39.5	44.5	15	4.5	-	15	-	-	15 at 25 Nm	104
GN 920.1-M8-25-GL	M8	25	39.5	44.5	15	4.5	-	15	-	-	15 at 25 Nm	121
GN 920.1-M8-32-GL	M8	32	39.5	44.5	15	4.5	-	15	-	-	15 at 25 Nm	152
GN 920.1-M8-40-GL	M8	40	39.5	44.5	15	4.5	-	15	-	-	15 at 25 Nm	185
GN 920.1-M8-50-GL	M8	50	39.5	44.5	15	4.5	-	15	-	-	15 at 25 Nm	231
GN 920.1-M12-40-GL	M12	40	40	45.5	22	4.5	-	21	-	-	30 at 85 Nm	276
GN 920.1-M12-50-GL	M12	50	40	45.5	22	4.5	-	21	-	-	30 at 85 Nm	350
GN 920.1-M8-21-GA	M8	21	39.5	44.5	15	4.5	7.5	15	10	-	15 at 25 Nm	102
GN 920.1-M8-25-GA	M8	25	39.5	44.5	15	4.5	7.5	15	12	-	15 at 25 Nm	119
GN 920.1-M8-32-GA	M8	32	39.5	44.5	15	4.5	7.5	15	16	-	15 at 25 Nm	150
GN 920.1-M8-40-GA	M8	40	39.5	44.5	15	4.5	7.5	15	20	-	15 at 25 Nm	182
GN 920.1-M8-50-GA	M8	50	39.5	44.5	15	4.5	7.5	15	30	-	15 at 25 Nm	228
GN 920.1-M12-40-GA	M12	40	40	45.5	22	4.5	11	21	20	-	30 at 85 Nm	275
GN 920.1-M12-50-GA	M12	50	40	45.5	22	4.5	11	21	30	-	30 at 85 Nm	341
GN 920.1-M8-21-RF	M8	21	34.5	39.5	15	4.5	-	15	-	-	15 at 25 Nm	89
GN 920.1-M8-25-RF	M8	25	34.5	39.5	15	4.5	-	15	-	-	15 at 25 Nm	104
GN 920.1-M8-32-RF	M8	32	34.5	39.5	15	4.5	-	15	-	-	15 at 25 Nm	150
GN 920.1-M8-40-RF	M8	40	34.5	39.5	15	4.5	-	15	-	-	15 at 25 Nm	159
GN 920.1-M8-50-RF	M8	50	34.5	39.5	15	4.5	-	15	-	-	15 at 25 Nm	193
GN 920.1-M12-40-RF	M12	40	40	45.5	22	4.5	-	21	-	-	30 at 85 Nm	268
GN 920.1-M12-50-RF	M12	50	40	45.5	22	4.5	-	21	-	-	30 at 85 Nm	333
GN 920.1-M8-21-PR	M8	21	34.5	39.5	15	4.5	7.5	15	-	9	15 at 25 Nm	87
GN 920.1-M8-25-PR	M8	25	34.5	39.5	15	4.5	7.5	15	-	9	15 at 25 Nm	102
GN 920.1-M8-32-PR	M8	32	34.5	39.5	15	4.5	7.5	15	-	9	15 at 25 Nm	127
GN 920.1-M8-40-PR	M8	40	34.5	39.5	15	4.5	7.5	15	-	9	15 at 25 Nm	156
GN 920.1-M8-50-PR	M8	50	34.5	39.5	15	4.5	7.5	15	-	9	15 at 25 Nm	190
GN 920.1-M12-40-PR	M12	40	40	45.5	22	4.5	11	21	-	9	30 at 85 Nm	280
GN 920.1-M12-50-PR	M12	50	40	45.5	22	4.5	11	21	-	9	30 at 85 Nm	300