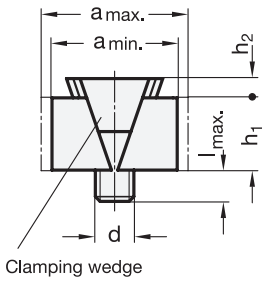
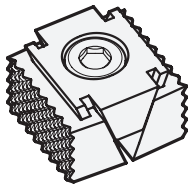
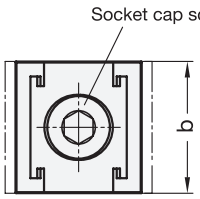
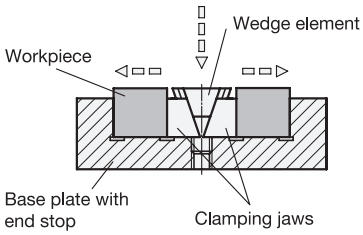
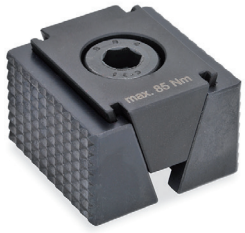








Metric



3 Type

GL Smooth clamping surfaces
GA With 2 mounting threads for attachment jaws
RF Serrated clamping surfaces

Metric table

Dimensions in: millimeters - *inches*

1 d	2 b	a Type GA / Type GL min.	a Type GA / Type GL max.	a Type RF min.	a Type RF max.	h_1	h_2	h_3 Type GA	Length l max.	m Type GA	Clamping force per clamping jaw	Max. tightening torque in Nm
M 8	21 *0.83*	39.5 *1.56*	44.5 *1.75*	34.5 *1.36*	39.5 *1.56*	15 *0.59*	4.5 *0.18*	7.5 *0.30*	15 *0.59*	10 *0.39*	15 kN *3372 lbf*	25
M 8	25 *0.98*	39.5 *1.56*	44.5 *1.75*	34.5 *1.36*	39.5 *1.56*	15 *0.59*	4.5 *0.18*	7.5 *0.30*	15 *0.59*	12 *0.47*	15 kN *3372 lbf*	25
M 8	32 *1.26*	39.5 *1.56*	44.5 *1.75*	34.5 *1.36*	39.5 *1.56*	15 *0.59*	4.5 *0.18*	7.5 *0.30*	15 *0.59*	16 *0.63*	15 kN *3372 lbf*	25
M 8	40 *1.57*	39.5 *1.56*	44.5 *1.75*	34.5 *1.36*	39.5 *1.56*	15 *0.59*	4.5 *0.18*	7.5 *0.30*	15 *0.59*	20 *0.79*	15 kN *3372 lbf*	25
M 8	50 *1.97*	39.5 *1.56*	44.5 *1.75*	34.5 *1.36*	39.5 *1.56*	15 *0.59*	4.5 *0.18*	7.5 *0.30*	15 *0.59*	30 *1.18*	15 kN *3372 lbf*	25
M 12	40 *1.57*	40 *1.57*	45.5 *1.79*	40 *1.57*	45.5 *1.79*	22 *0.87*	4.5 *0.18*	11 *0.43*	21 *0.83*	20 *.79*	30 kN *6744 lbf*	85
M 12	50 *1.97*	40 *1.57*	45.5 *1.79*	40 *1.57*	45.5 *1.79*	22 *0.87*	4.5 *0.18*	11 *0.43*	21 *0.83*	30 *1.18*	30 kN *6744 lbf*	85

Specification

- Body
  Steel
  - Wedge surfaces hardened
  - Blackened finish
- Socket cap screw DIN 7984
  Steel
- RoHS compliant

Information

Clamping with GN 920.1 wedge clamps is achieved via the socket head cap screw and the clamp wedge, which function by moving both jaws outward.

When the screw is loosened, the clamp wedge returns to its original position via an **internal** return spring, which, in turn, loosens the tension.

Wedge clamps are ideal for multiple clamping operations, but can also be used for clamping individual workpieces.

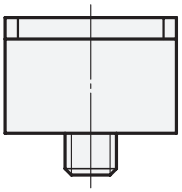
The deep space in the clamp wedge serves to compensate for tolerances in the workpiece.

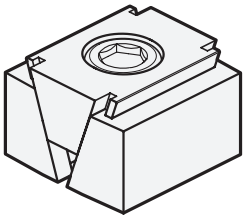
see also...
• *Pull-Down Plates GN 920.2 (for Wedge Clamps GN 920.1 with Pull-Down Effect) → page QVX*

How to order
1 2 3
GN 920.1-M8-32-RF

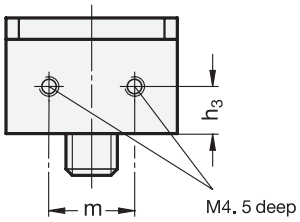
1	**Thread d**
2	**Width b**
3	**Type**

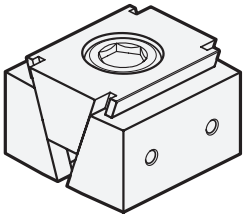
Type **GL** smooth clamping surfaces (jaw blank for workpiece-specific clamping contours)





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





Type **RF** serrated clamping surfaces