

- 3 Type**
- GL** Smooth clamping surfaces
 - GA** With 2 mounting threads for attachment jaws
 - RF** Serrated clamping surfaces

Metric table

Dimensions in: millimeters - inches

| d Thread | b | a Type GA / Type GL | | Type RF | | h ₁ | h ₂ | h ₃ Type GA | Length l max. | m Type GA | Clamping force per clamping jaw | Max. tightening torque in Nm |
|-------------|------------|------------------------|--------------|--------------|--------------|----------------|----------------|---------------------------|------------------|--------------|------------------------------------|------------------------------------|
| | | min. | max. | min. | max. | | | | | | | |
| 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 0.79 | 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
Property class 10.9
- Strength Values of Screws
- 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.

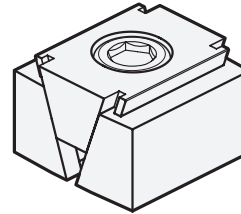
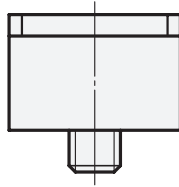
The deep space in the clamp wedge serves to compensate for tolerances in the workpiece.

see also...

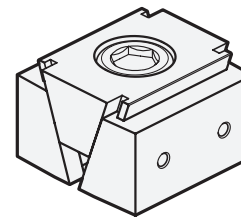
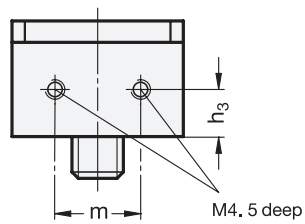
- Pull-Down Plates GN 920.2 (for Wedge Clamps GN 920.1 with Pull-Down Effect)

| | | |
|--|---|----------|
| How to order 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

