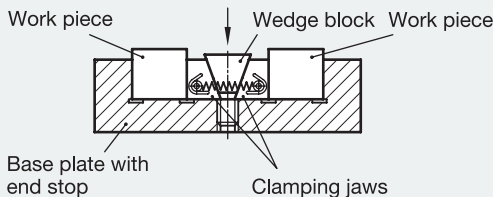
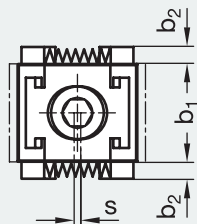


Socket head cap screw DIN 912

Example of application



Type **RF** grooves clamping jaws (1 mm apart)

Type **GL** smooth clamping jaws

Type **GA** smooth clamping jaws with oversize dimensions and tapped mounting holes

Identification **1** without T-nut

Identification **2** with T-nut

d ₁	b ₁	a ≈ min.		a ≈ max.	b ₂	b ₃	d ₂	h ₁	h ₂	l	s	Clamping force ≈ [kN] (See information)
		Type RF	Type GA									
M 8	22 32 42	25,5	33	33	4	10	M 4	15	4	9	0,8	15
M 12	30 40 50	37,5	47,5	47	5	14	M 5	22	7	8	1	30
M 16	42 57 72	52	61,5	65	6	18	M 6	29	11	6	1	50

Specification

Steel
hardened HRC 52 ± 2
Wedge block blank
Clamping jaws blackened
Socket head cap screw
DIN 912
Tensile strength 800 N/mm²
T-Nuts
Tempered steel
Tensile strength 1000 N/mm²
blackened

Information

Clamping with wedge clamps GN 920 is achieved via the socket head cap screw and the wedge block which forces the clamping jaws outwards to hold the workpiece firmly against the end stops.
Wedge clamps offer the following advantages:
Compact construction
High clamping forces
Simple to manipulate
Long retention of clamping force
Wedge block and clamping jaws are linked together by a flat guide. This method of construction also enables the use of wider clamping jaws thereby avoiding the supply of additional loose components with this type of wedge clamp.

Wedge clamps are preferably used for multiple clamping point applications, but they can also be used for single point clamping applications. Furthermore they lend themselves to hydraulic or pneumatic operation.

Clamping jaws of oversize dimensions (type GA) have two mounting holes to accept contoured jaws. For carbide applications the forms can be directly integrated. Special jaws on request.

The approximate clamping forces indicated above are reached at a torque inferior to the torque admissible for bolts with a tensile strength 800 N/mm².

How to order

**Wedge clamp
GN 920-M12-40-RF-2**

Code No.	d ₁	b ₁	Type	Identification

The socket head cap screw DIN 912 is part of the order.