

Grippers UGE



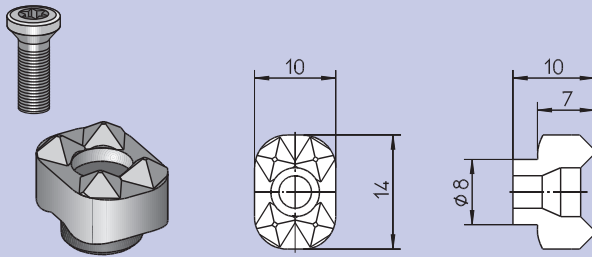
The economical solution: Roughing jaws with exchangeable grippers

- Made from standard SMW-AUTOBLOK jaws.
- Economical, because only the worn out gripper is changed in seconds.
- Extended life compared to standard roughing jaws.

Features:

- Safe gripping of raw material/forgings/castings made from standard or high tensile strength material.
- Increased gripping allows heavier cuts.
- Fast change of worn out grippers.

UGE 10 Id. No. 081845F Hardened Steel



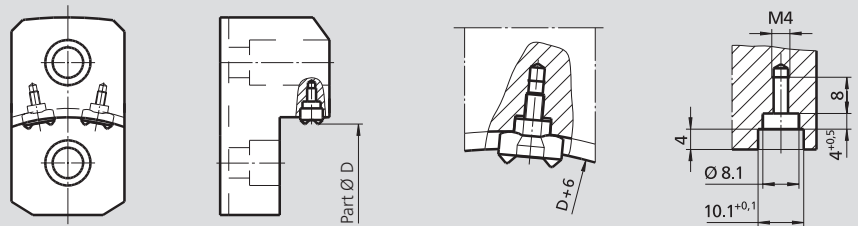
Parts included: Gripper with Torx screw

The universal gripper with unique features (patented):

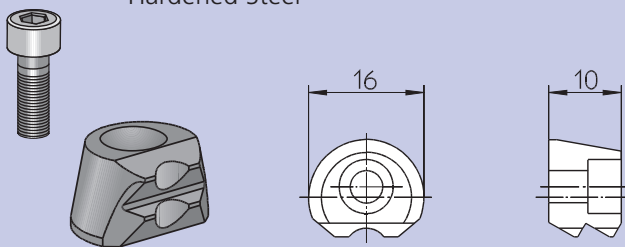
- For flat and round clamping surfaces
- For external and internal gripping
- Front mounting of bolts
- Gripper seat, round or flat, and thread is easy to produce
- Hardening of gripper seat necessary
- Torx screw driver Id. No. 085961
- Torx screw M4 x 13.5 Id. No. 033010

Mounting instruction

1. Part $\varnothing D + 6$ mm (0.23 inch) + location + slot has to be turned or milled. Please note corrected dimensions according to sketch.
2. Drill and tap
3. Harden jaw



UGE 20 Id. No. 087414 Hardened Steel



Parts included: Gripper with head socket screw M4 x 12 ISO 4762

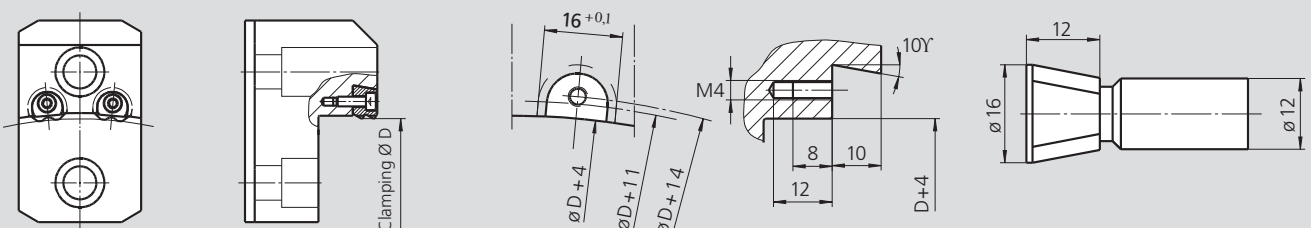
The gripper with the unique shape for external gripping (patented):

- Top mounting of bolt
- Pull-down effect by wedge shape design
- Can be used for self-centering or swivelling
- Gripper seat: Milling, drilling and tapping can easily be machined with the inclined milling tool (033611)
- No hardening of jaws necessary
- For external or internal clamping
- Head socket screw M4 x 12 ISO 4762, Id. No. 010145

Mounting instruction:

1. Part $\varnothing D + 4$ mm (0.16 inch) + location turning or milling
2. Milling of pocket + drilling and tapping

Inclined milling tool
Id. No. 033611



Grippers UGE + FGH

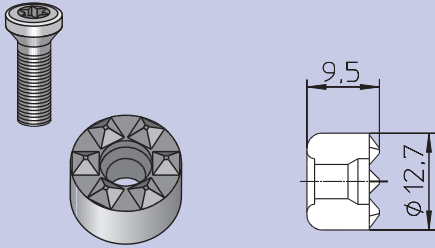
Clamping points MGH



For additional jaw options & accessories please request our 150 page special catalogue!

UGE 30 Id. No. 089822

Solid Carbide



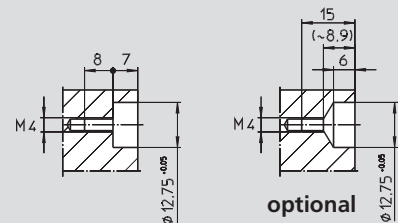
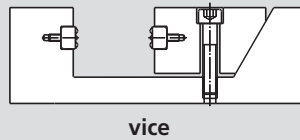
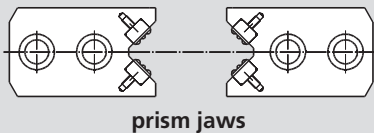
Gripper for prism jaws and fixtures (patented):

- For external and internal gripping of rectangular parts
- For chuck jaws, fixture jaws and fixtures
- Front mounting of bolt
- Gripper seat: drilling and tapping can easily be done. Bottom of seat can be either 120° (standard drill tool) or flat
- For high production hardening of gripper pocket is recommended
- **Torx screw driver Id. No. 085961**

Parts included: Gripper with Torx screw

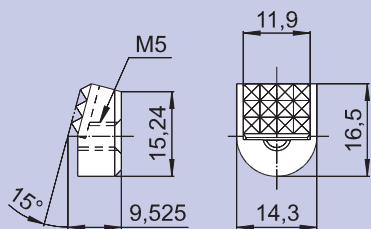
Mounting instruction

1. Drilling 12.7 Ø bottom of seat 120° or flat
2. Tapping of thread



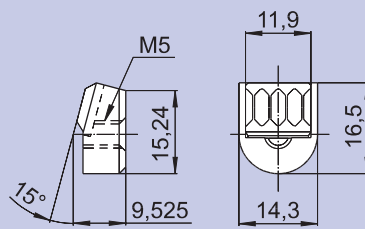
FGH 33 Id. No. 71400133

Carbide Tipped with 12 points



FGH 34 Id. No. 71400134

Carbide Tipped with 4 blades



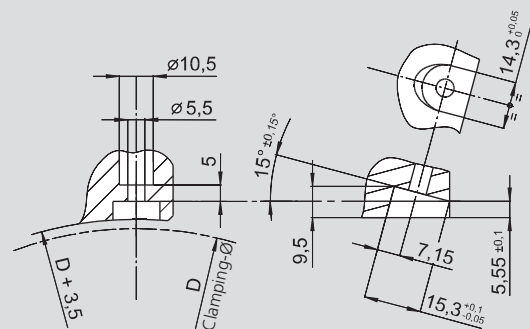
Inclined grippers with pull-down effect:

- For external clamping
- Very short and forward-positioned clamping area
- Rear mounting of bolts
- Inclined gripper seat are easy to be machined
- For high production hardening of gripper seat is recommended

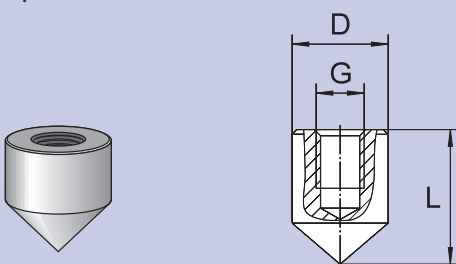
Parts included: Gripper without screw

Mounting instruction for FGH grippers:

1. With 15° inclined top-jaw, mill the Ø 14.3 gripper seat.
2. Drill Ø 5.5 as shown on the drawing.
3. Drill Ø 10.5 for the screw's head.



MGH, Hardened Steel



Parts included: Hardened point without screw

Clamping points for jaws

- For external and internal gripping
- Increasing gripping allows for heavier cuts
- Rear mounting of bolts
- Point seat can easily be machined: drilling only

Type	MGH 6	MGH 10	MGH 12
Id. No.	081851	081852	081853
D mm	6	10	12
L mm	10	14	16
G	M3	M5	M6