UGE

Grippers

The economical solution:
Roughing jaws with exchangeable grippers

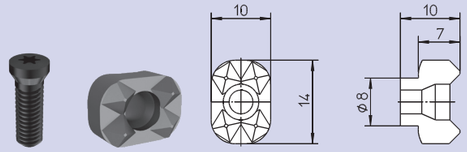
- Made from standard SMW-AUTOBLOK jaws.
- Economical, because only the worn out gripper is changed in seconds.
- Extended life compared to standard roughing jaws.

Features:

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

UGE 10

Id. No. 081845F, hardened steel



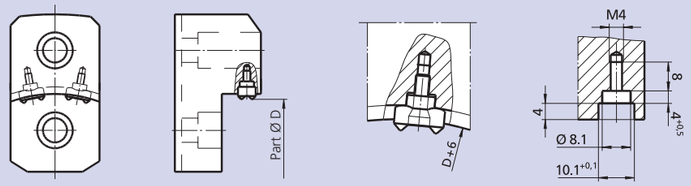
The universal gripper with unique feature:

- 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**

Parts included: Gripper with Torx screw

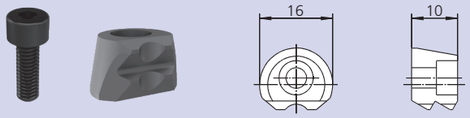
Mounting instruction:

1. Part Ø 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. Insert and harden jaws.



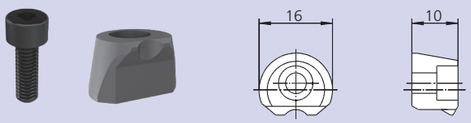
UGE 20

Id. No. 087414, Hardened Steel



UGE 21

Id. No. 233348 (Gripper with 1 tooth row)



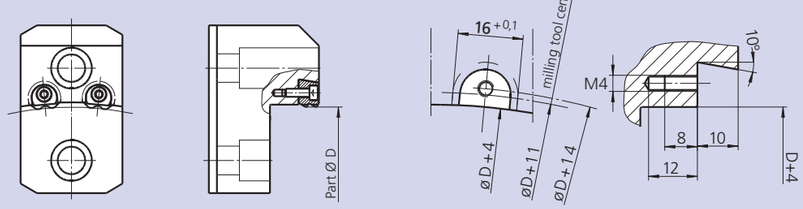
The gripper with the unique shape:

- Top mounting of bolt.
- Pull-down effect by wedge shape design.
- Can be used fixed 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.

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

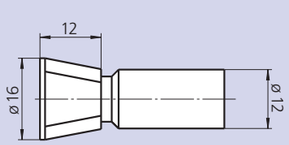
Mounting instruction:

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



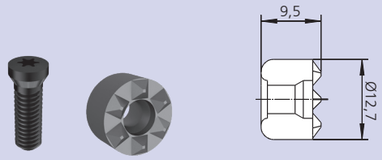
Inclined milling tool HSS
Id. No. 033611

Inclined milling tool Hardend steel
Id. No. 138711



UGE 30

Id. No. 089822, solid carbide



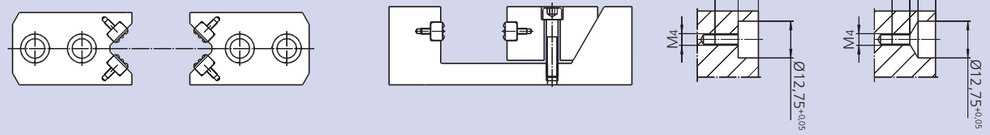
Gripper for prism jaws and fixtures:

- 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



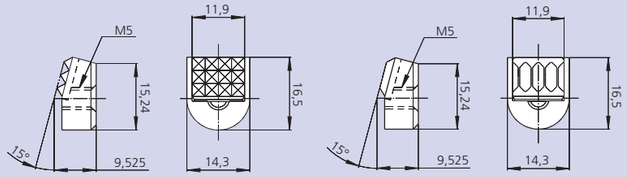
prism jaws **vise** **optional**

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.