

Product



No. 1 Position

The world's largest standardized gripper program for machine tools

- ✓ Greater machine performance
- ✓ Efficient, cost-effective solution
- ✓ Increase in machine capacity
- ✓ Increase in the degree of automation

Product features

Unique Selling Points:

- ✓ Universal interface with clamping diameter 20 for any toolholder desired
- ✓ With the GSW-B AGE with compensation unit, tolerances in all six degrees of freedom can be compensated

Further Features:

- ✓ Compensation element in all of the 6 DOF (3 rotatory, 3 translational)
- ✓ Drive medium coolant or compressed air
- ✓ Gripper standard program of the PGN+ and PZN+ series is suitable
- ✓ Monitoring via Reed switch or RSS radio sensor
- ✓ Low-cost solution for the fully automatic tool change

Market and Competitors

Main Competitors:

- ✓ Sommer/ Benz: UPG
- ✓ MSZ Tools

Advantages towards competition:

- ✓ Universal interface with a 20 mm shank diameter

Cost Effectiveness / Customer Benefits

Customer Benefits:

- ✓ Use of existing axes of the machine tools for an efficient and cost-efficient handling/machine self-loading/automation
- ✓ Lean automation
- ✓ The gripper is universally exchangeable in various toolholders and machines
- ✓ The gripper is suitable for I.D. and O.D. gripping
- ✓ Clever helper for machine tools

Questions about the product? Your contact person is M. Nagel (+49 - 7133 - 103 - 2561)

Technical Data / Functions

Basic technical Data:

- ✓ Gripper sizes: 50 / 64 / 80 / 100
- ✓ Gripping force: 70 .. 1200 N
- ✓ Opening stroke per finger: 4 .. 10 mm
- ✓ Recommended workpiece weight: up to 20 kg
- ✓ Operating pressure:
pneumatic: 6 bar
with coolant: 20... 60 bar

Complementary Products:

- ✓ Replacement of the products "grripper with spindle interface"
- ✓ Almost the complete program of gripper accessories, such as BSWS jaw quick-change system, UZB universal intermediate jaw, etc.

Industries and Applications

The GSW-AGE particularly convinces in the following industries

- ✓ Automotive industry
- ✓ Metal cutting

Applications

- ✓ Handling of turned parts
- ✓ Handling of milled parts
- ✓ Handling of blanks
- ✓ Handling of semi-finished products

Additional Information

- ✓ Extremely low-priced, and therefore an economic solution for implementing the workpiece handling directly in the machine.
- ✓ Why investing in expensive and additionally necessary gantries or robots, if the already existing axes of the machine can be used for handling/mounting.

Cross Section



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