

Product



Unique Selling Points

- ✓ **The most trusted universal gripper on the market**
- ✓ Tried and tested a thousand times in many industries and applications
- ✓ The base jaws are manually ground. This ensures the smallest possible play between base jaws and gripper housing. Efficiency and life span are many times higher than normal.
- ✓ Extensive range of accessories and complementary products
- ✓ Resistant T-slot guidance, which ensures permanently reliable functionality ("Automotive Proven")

Technical Data / Functions

Sizes

50 .. 380

Weight

0.125 kg - 28.0 kg

Gripping force

100 N - 15,100 N

Stroke per finger

mm - 45 mm

Workpiece weight, force-fit gripping

0.5 kg - 75.0 kg

Cost Effectiveness/ Customer Benefits

- ✓ Large payload, which permits longer gripper fingers.
- ✓ Round piston, which means cheaper production and lower price.
- ✓ Can be mounted on 2 sides of the gripper in 3 screwing directions, which permits flexiblesystem design.
- ✓ Air purge connection on two sides, giving optimum protection against contamination.
- ✓ Power supply via hose-free direct connection or connected with screws, which permitsflexible system design.

Price from 518 euros to 3,268 euros

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



Market and competitors

Main competitors

- ✓ Röhm series RPP-A

Competitors

- ✓ Festo HGPT
- ✓ Sommer GP

The main difference lies in the broad range of complimentary products; i.e. add-on options for the gripper as well as products it can be combined with.

Line of Argument

- ✓ The sales objective should always be to convince the customer of the quality of the **PGN-plus**.
- ✓ Whenever an argument for PGN-plus fails because of the costs, PGN can be actively put forward. In the case of cost-sensitive applications, PGN can score points against its direct competitors based on its **proven quality**. None of the competitors have so much market experience. The PGN is the original form of the universal gripper; it has been tried and tested a thousand times.

Storytelling

- ✓ The SCHUNK production facility in Mengen successfully employs the MPG for loading and unloading lathes and for handling bulky parts (supported by individual molded jaws).
- ✓ The PGN has been included on Bosch's approval list for years. Bosch production planners are therefore free to use the grippers for all applications. As a global company, Bosch trusts SCHUNK grippers!

Industries and Applications

Universal application in clean to slightly dirty environments. Special solutions in the form of the dust protection version.

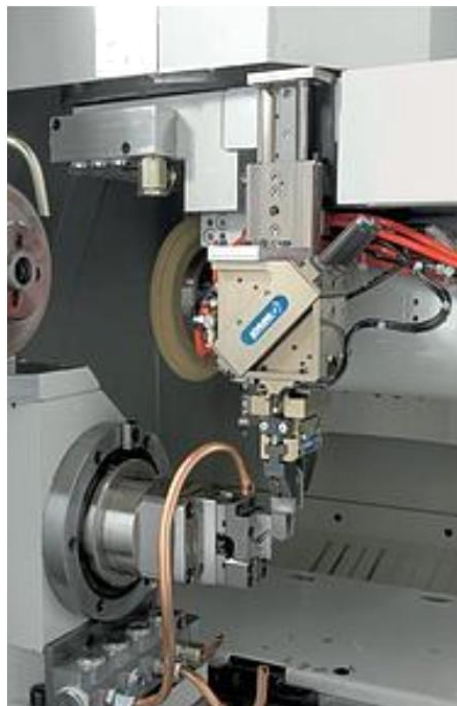
PGN performs particularly well in the following industries:

- ✓ Handling and assembly technology
- ✓ Electronics assembly
- ✓ Automotive
- ✓ Metal cutting

Applications

- ✓ Handling connecting rods
- ✓ Pick & Place for electronic components
- ✓ Assembly of plugs
- ✓ Loading of machine tools

Automatic fitting of a machine tool



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