

Pneumatic gripper

With counterbalance unit for workpiece handling in the machine tool



Application:

The gripper performs fully automatic workpiece replacement during the machining process on a machine tool. The change is performed from the machine tool of the milling machine and facilitates workpiece handling between the parts storage and clamping device.

It is actuated by compressed air that is routed through the machine spindle. The gripper closes pneumatically and is opened using spring force. The integrated, spring-loaded CX counterbalance function protects the tool, machine spindle and workpiece and compensates for different tolerances and unevenness.

Execution:

- Max. permissible rotation speed: 20 [rpm].
- Suitable for Weldon mounting and hydraulic expansion chucks.
- Designed for ambient temperatures between 0°C and 60°C.
- Transport of workpieces up to max. 8 kg.
- The scope of delivery includes three replacement seals
- Available in two versions for workpiece sizes up to max. 50 mm or max. 70 mm.

Advantage:

- The counterbalance function (Z: 5 mm, C: +/- 3°) optimally protects all components and balances out tolerances and unevenness.
- The gripping force can easily be adjusted via a pressure regulating valve and thus adapted to the respective requirements of the workpiece.
- Easily exchangeable gripper inserts for handling different workpiece geometries.
- Easy implementation of unmanned shifts, ensuring greater machine utilisation and increased flexibility.
- Considerably reduced setup times for small to medium-sized batches.

Delivery:

1x pneumatic gripper with counterbalance unit.



Art. no.	27000 006
Brand	AMF
Manufacturer Part Number	557743
Min./max. operating pressure	2-8 bar
Stroke length	23 mm
Force range	200-700 N
Type	+/- 3°
Diameter	80 mm
Diameter 2	25 mm
Interference circle	97.5 mm
Length	60.5 mm
Length 2	55 mm
Expansion length	100 mm
Depth	5 mm
Weight	2.257 kg
Gross Weight	2.160 kg
Product Group	2AW

EAN

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