

Surface Grinder Magnetic Pneumatic Collet Vacuum Chuck

This surface grinder chuck combines magnetic and pneumatic principles to securely hold workpieces during grinding. The vacuum chuck feature provides additional holding force, especially for non-ferrous materials.



ADDITIONAL IMAGES



Product Overview

Precision Workholding Solution

This surface grinder chuck utilizes a hybrid magnetic and pneumatic system to securely hold workpieces without the need for an external vacuum pump, relying instead on a standard air compressor. It offers strong magnetic attraction and automatic pressure maintenance, ensuring consistent holding force for 4 to 6 seconds even without active power. Designed for versatility, it effectively clamps both magnetic and non-magnetic materials, including plastic, stainless steel, copper, aluminum, and glass.

Technical Specifications

| | |
|------------------------|-----------------|
| Minimum Workpiece Size | 60mm x 60mm |
| Groove Size | 16.2mm x 16.2mm |

Model Comparison

Model Specifications

| Model | Dimensions (mm) | Weight (kg) |
|-------|-----------------|-------------|
| 3030 | 300 x 300 x 45 | 10 |
| 3040 | 300 x 400 x 45 | 14 |
| 4040 | 400 x 400 x 45 | 18 |
| 4060 | 400 x 600 x 45 | 28 |

Applications

Primary Applications

- Metal cutting processing
- Grinding machines
- CNC carving
- CNC milling machines

Compatible Materials

Plastic, Stainless Steel, Copper, Aluminum, Acrylic, Glass

Certification

Certifications

CE • ISO 9001