

## SAV 244.10

## PERMANENT MAGNETIC CIRCULAR CHUCKS

Controllable



### APPLICATION

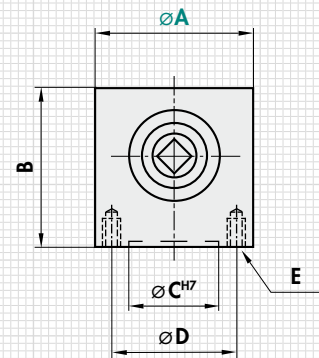
For manual collet chucks as an auxiliary magnet for chucking small, delicate workpieces. Also suitable for fixtures and as a holding magnet.

### DESIGN

Controllable permanent magnet, chucking areas at the top.



| mm |                      |    |    |        | N           | rpm        | kg     |
|----|----------------------|----|----|--------|-------------|------------|--------|
| A  | B <sup>+0.5/-2</sup> | C  | D  | E      | Rated force | Max. speed | Weight |
| 50 | 50                   | 25 | 35 | 4 x M5 | 85          | 450        | 0.7    |
| 80 | 65                   | 50 | 60 | 4 x M6 | 500         | 400        | 2.2    |



### ORDERING EXAMPLE

|                                   |                 |
|-----------------------------------|-----------------|
| Designation                       | SAV no. - A     |
| Permanent magnetic circular chuck | SAV 244.10 - 80 |

## SAV 244.11

## PERMANENT MAGNETIC CIRCULAR CHUCKS

With parallel pole pitch, reinforced magnet system



### APPLICATION

For chucking small to large workpieces for grinding and turning.

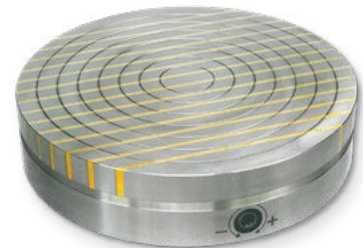
### DESIGN

Powerful magnet system with neodymium magnets and low magnetic field height. All sizes with 1 control point. Magnetic force continuously adjustable. Option for integrating a central hole "H". Available with flange on request (see SAV 248.90 to 248.94).

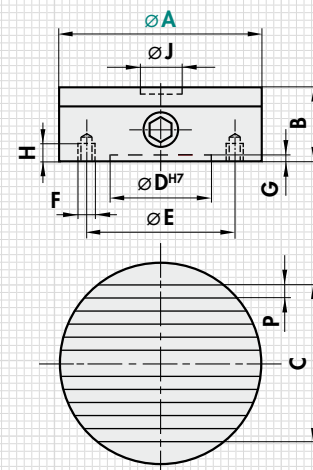
Concentric rings facilitate visual alignment of the workpieces. Pole gap with solid brass.

### TECHNICAL DATA

- Rated holding force:
  - Diameter A = 160 and 200 mm: 100 N/cm<sup>2</sup>
  - Diameter A = 250 to 500 mm: 150 N/cm<sup>2</sup>
- Magnetic field height: 10 mm
- Wear layer of the pole plate: 6 mm
- Geometrically balanced: G 6.3



| mm  |                      |     |     |     |         |   |    |        |      | kg     |
|-----|----------------------|-----|-----|-----|---------|---|----|--------|------|--------|
| A   | B <sup>+0.5/-2</sup> | C   | D   | E   | F       | G | H  | J      | P    | Weight |
| 160 | 57                   | 102 | 125 | 142 | 4 x M8  | 4 | 12 | D15x6  | 8+3  | 8.0    |
| 200 | 57                   | 146 | 150 | 180 | 4 x M8  | 4 | 12 | D20x6  | 8+3  | 13.0   |
| 250 | 57                   | 198 | 200 | 232 | 4 x M8  | 4 | 12 | D25x20 | 12+3 | 20.0   |
| 300 | 62                   | 228 | 250 | 285 | 4 x M8  | 4 | 12 | D25x20 | 12+3 | 31.0   |
| 350 | 62                   | 288 | 300 | 334 | 4 x M8  | 5 | 12 | D25x20 | 12+3 | 43.0   |
| 400 | 67                   | 318 | 300 | 350 | 6 x M10 | 5 | 20 | D25x20 | 12+3 | 60.0   |
| 450 | 67                   | 378 | 350 | 400 | 6 x M10 | 5 | 20 | D25x20 | 12+3 | 76.0   |



### ORDERING EXAMPLE

|                                   |                  |
|-----------------------------------|------------------|
| Designation                       | SAV no. - A      |
| Permanent magnetic circular chuck | SAV 244.11 - 250 |