

SAV 244.74

**ELECTRO PERMANENT MAGNETIC CIRCULAR CHUCKS**

With parallel pole pitch 28 mm, extremely high holding force



Extremely high holding forces through high-energy systems with low field heights. Magnetising and deactivation are achieved with short current pulses.



**DESIGN**

- Even, extremely strong magnetic field through dual high-energy system
- Solid pole plate
- Pole gap with full brass
- Electro permanent magnetic system for absolute safety in case of power failure
- Also for thinner, disc-shaped workpieces
- Centre fully magnetically active
- 8 mm wear layer on the pole plate
- Protection rating IP 65
- Available with flange on request (see SAV 248.90 to 248.94, chapter 1.2.1).

**RATED HOLDING FORCE**

- 150 N/cm<sup>2</sup>, controllable with control unit

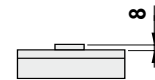
**RATED VOLTAGE, RECOMMENDED**  
360 V IMP

**APPLICATION**

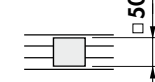
Turning of thinner plates with high level of material removal

- Also suitable for flat workpieces thanks to parallel pole pitch; note magnetically active length H

- For workpieces with:  
min. thickness = 8 mm



- For flat workpieces:  
Min. size = 50 x 50 mm



**SCOPE OF DELIVERY**

- Larger circular magnets are provided with threads for transport
- Standard electrical connection centrally on the rear side using terminals
- Available with water-tight connector on the outer circumference on request
- Control and hand remote unit not in the scope of delivery

mm								kg	A
A	B <sub>-1</sub> <sup>0</sup>	C	D	E	F	G	H	Weight	Control max. pul. Current
400	108	210	4	250	M12 (6x)	16	336	104.0	60
500	108	280	4	320	M12 (6x)	16	392	162.0	60
600	108	350	4	390	M12 (6x)	18	448	232.0	60
700	108	400	4	450	M12 (6x)	18	560	318.0	60x2
800	108	450	4	500	M16 (6x)	18	672	415.0	60x2
1000	108	550	4	620	M16 (8x)	18	896	648.0	60x2

**ORDERING EXAMPLE**

Designation SAV no. - A - rated voltage  
Electro permanent magnetic circular chuck SAV 244.74 - 500 - 360 V

