

Thanks to the circular pole pitch, the electro magnetic circular chuck has a strong, low magnetic field for thin plates.



DESIGN

- Pole pitch manufactured "gap-free"
- Pole plates bolted in a narrow grid
- 8 mm wear layer on the pole plate
- Protection rating IP 65
- 100 % duty cycle
- Suitable for connecting to the SAV 876.10 control unit
- Available with flange on request (see SAV 248.90 to 248.94).

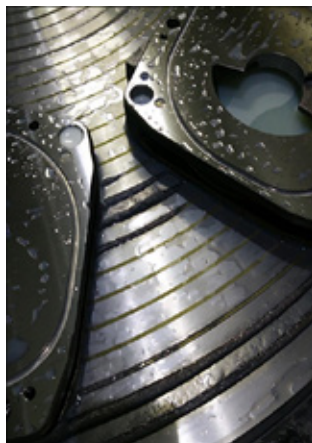
RATED HOLDING FORCE

80 N/cm², controllable with control unit using holding force coding switch

RATED VOLTAGE, RECOMMENDED

24 V DC up to and including 90 W

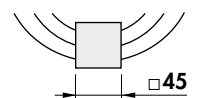
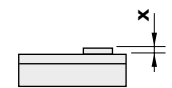
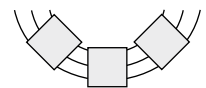
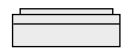
110 V DC for all sizes



APPLICATION

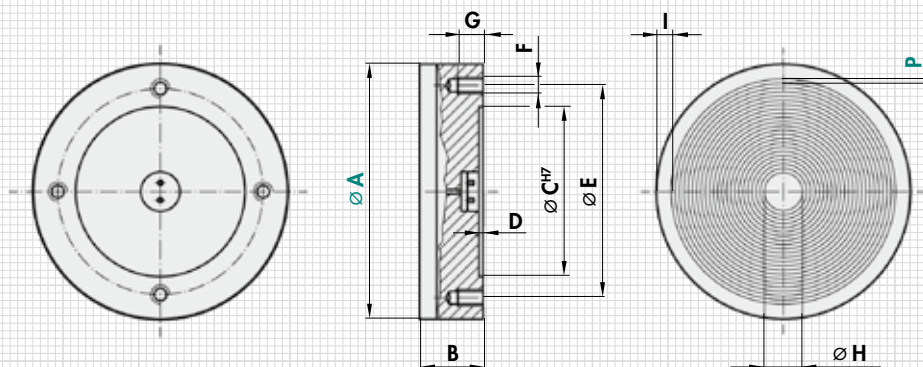
Primarily for grinding of disc-shaped workpieces on internal and external grinding machines with rotary table. Not for thin rings. The circular pole pitch also allows machining of multiple parts which are not placed centrally. Also suitable for turning with shape and position tolerances of 0.01 to 0.02 mm.

- Circular pole pitch ensures even distribution of holding force on the circumference. This makes it suitable for thin, flat parts (e.g. saw blades).
- Placement of multiple parts on pitch circle diameter possible
- For workpieces up to min. thickness:
 - 2 mm with P = 5.5 mm
 - 4 mm with P = 9 mm
 - 8 mm with P = 18 mm
- For flat workpieces:
 - Min. size = 45 mm x 45 mm
- Not suitable for thin rings



SCOPE OF DELIVERY

- Larger round magnets are provided with threads for transport
- Standard electrical connection centrally on the rear side using terminals
- Optionally available with integrated flat slip ring assembly for diameters from 1000 mm
- Control and hand remote unit not in the scope of delivery



mm										W	kg	Type
A	B, Ø	C	D	E	F	G	H	I	P	Power	Weight	Control
100	100	60	3	80	M8 (3x)	12	22	9	5,5	16	4.0	E 1
150	100	90	3	120	M10 (3x)	14	30	13,5	5,5	30	9.0	E 1
200	100	110	3	140	M10 (4x)	14	40	16	5,5	48	18.0	E 1
250	100	140	3	170	M12 (4x)	16	45	16	5,5	66	29.0	E 1
300	100	160	3	190	M12 (4x)	16	55	16	5,5	90	42.0	E 1
400	100	210	4	250	M12 (6x)	16	46	21	9	150	92.0	E 4
500	100	280	4	320	M12 (6x)	16	74	21	9	190	144.0	E 4
600	100	350	4	390	M12 (6x)	18	66	21	9	264	208.0	E 4
700	100	400	4	450	M12 (6x)	18	76	21	9	350	283.0	E 4
800	100	450	4	500	M16 (6x)	18	129	26	9	440	369.0	E 4
1000	100	550	4	620	M16 (8x)	18	131	22	9	660	577.0	E 4
400	100	210	4	250	M12 (6x)	16	46	21	18	150	92.0	E 4
500	100	280	4	320	M12 (6x)	16	74	21	18	190	144.0	E 4
600	100	350	4	390	M12 (6x)	18	66	21	18	264	208.0	E 4
700	100	400	4	450	M12 (6x)	18	76	21	18	350	283.0	E 4
800	100	450	4	500	M16 (6x)	18	138	26	18	440	369.0	E 4
1000	100	550	4	620	M16 (8x)	18	140	22	18	660	577.0	E 4
1200	110	Rear side upon agreement				22	131	23	9	960	989.0	E 5
1400	110	Rear side upon agreement				22	136	26	9	1100	1346.0	E 5
1500	120	Rear side upon agreement				22	101	26	9	1440	1545.0	E 5
1600	120	Rear side upon agreement				22	129	26	9	1630	1760.0	E 5
1200	110	Rear side upon agreement				22	140	23	18	960	989.0	E 5
1400	110	Rear side upon agreement				22	136	26	18	1100	1346.0	E 5
1500	120	Rear side upon agreement				22	128	26	18	1440	1545.0	E 5
1600	120	Rear side upon agreement				22	138	26	18	1630	1760.0	E 5

RECOMMENDED CONTROL AND CONTROL UNIT

Type	Control	Hand remote unit
E 1	SAV 876.10-S-T-24/7/230	SAV 876.02-SE3
E 4	SAV 876.10-S-O-110/6/230	SAV 876.02-SE3
E 5	SAV 876.10-S-O-110/16/230	SAV 876.02-SE3

Installation control units as per page 34.

ORDERING EXAMPLE

Designation SAV no. - A - P - rated voltage
 Electro magnetic circular chuck SAV 244.41 - 800 - 18 - 110 V