

## SAV 244.07

## NEODYMIUM MAGNETIC CIRCULAR CHUCKS

With parallel pole pitch  $P = 6$  mm, neodymium magnets with extremely high holding force



### APPLICATION

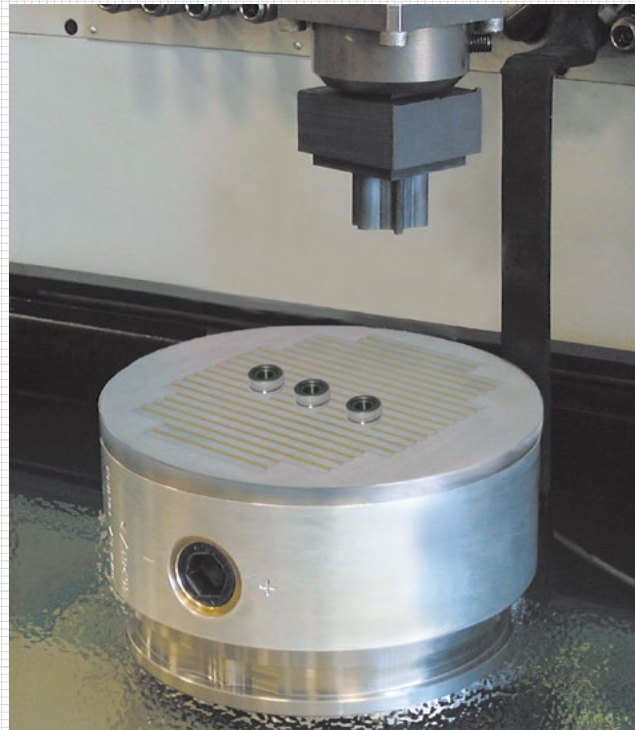
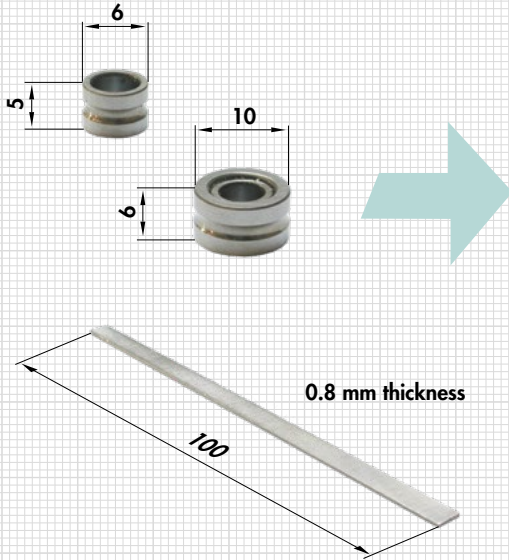
For workpieces which are difficult to chuck, e.g. Ferro-Tic and tungsten carbide with cobalt content. For small and very small workpieces.

### DESIGN

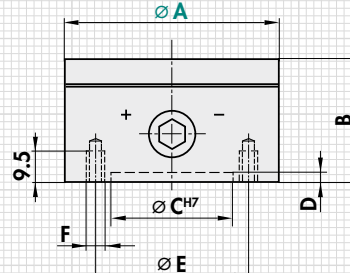
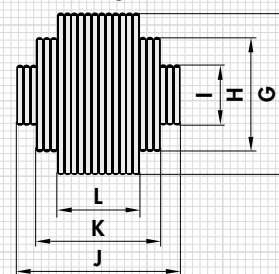
Aluminium housing, stainless steel pole plate. Extremely high holding force through use of neodymium iron boron magnet materials and a specially developed process. Available with flange on request (see SAV 248.90 to 248.94). Pole gap with brass pigment. Available with adaptation for zero-point workholding system.

### TECHNICAL DATA

- Rated holding force: 120 N/cm<sup>2</sup>  
(On inducible steel surface: 180 N/cm<sup>2</sup>)
- Magnetic field height: 4 mm
- Wear layer of the pole plate: 3 mm



Pole diagram



mm												kg
A	B <sup>+0.5/-2</sup>	C	D	E	F	G	H	I	J	K	L	Weight
100	65	70	4	90	M 6 (4x)	-	-	48	-	-	74	2.0
125	65	95	4	110	M 8 (4x)	-	88	54	-	98	67	3.0
160	65	125	4	140	M 10 (4x)	-	104	54	-	134	61	4.5
200	65	125	4	180	M 10 (4x)	134	104	74	158	110	73	8.5

### ORDERING EXAMPLE

Designation	SAV no. - A
Neodymium magnetic circular chuck	SAV 244.07 - 160