

## SAV 245.10

## PRECISION SINE TABLES

Swivelling around longitudinal axis, permanently installed on machine table



### DESIGN

With sine table base plate made of steel.  
 Annealed without stress.  
 All structural elements made of steel. Hardened and precision-ground. Sturdy design with high precision. With mechanical adjustment gear or hydraulic swivelling aid, depending on size. Maximum precision with flat design.  
 4-point contact for optimum safety.  
 Standard version with electro permanent magnetic chuck as per SAV 243.70. Pole pitch 13, 18 or 25 mm.  
 Delivered with sine table with degrees/minutes in mm, precision longitudinal stop with transverse stop bar, 3 m connecting cable, painted magnet housing, ratchet and socket.

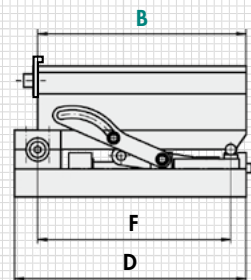
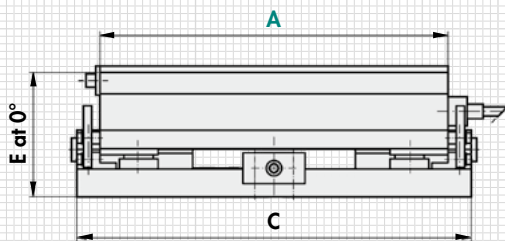


### APPLICATION

The angles are determined using the gauge blocks using the sinusoidal principle.

### TECHNICAL DATA

- Gauge block at 0°: 5 mm
- Swivelling range: 0° to 45°
- Angle accuracy: ±5 arc sec
- Plane parallelism: ±0.005/100 mm
- Pole pitch: 13/18/25 mm
- Rated holding force: 90/110/115 N/cm<sup>2</sup>
- Magnet voltage: 360 V



mm						kg	A
A	B	C	D	E 0°	F	Weight	Magnet current
400	200	460	280	165	175	90.0	30
500	200	560	280	176	175	120.0	30
500	250	560	315	146	225	138.0	30
600	200	660	280	165	175	170.0	30
600	300	660	370	146	275	200.0	30
800	300	860	370	186	275	250.0	30
800	400	860	455	186	375	320.0	30

\* Depending on magnet type.  
 The stated heights refer to the electro permanent magnetic chucks SAV 243.70.

Other designs and dimensions on request. Also available with electromagnet or other magnet systems. Please state the required magnet when ordering (see chapters 1.2.1, 1.2.2 and 1.2.3).

### ORDERING EXAMPLE

Designation SAV no. - A x B - pole pitch - voltage  
 Precision sine table SAV 245.10 - 800 x 300 - 18 - 360 V