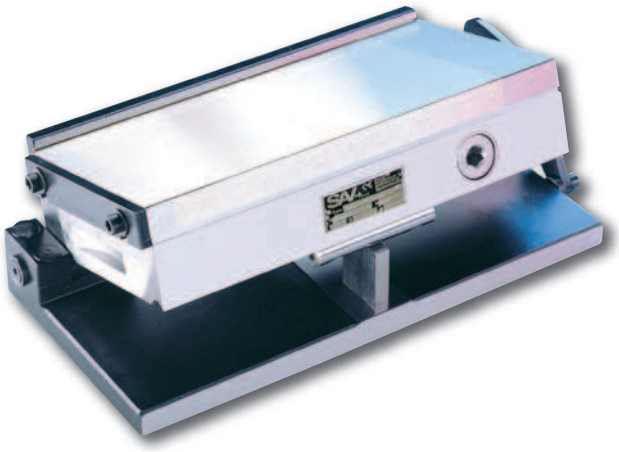
Precision Sine Table SAV 245.01

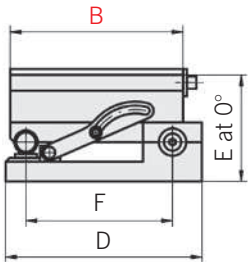
Swivel on longitudinal axis, with fine pole chuck

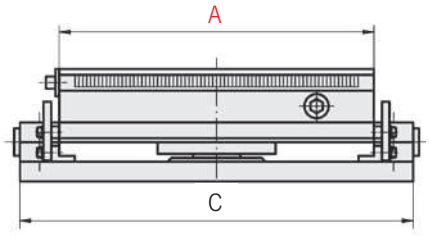
Design:
Swivel on the longitudinal axis. The base plate of the sine table is made of hardened steel (HRC 60), black-finished and precision ground.
High accuracy due to extreme flat construction.
Standard execution with permanent magnetic chuck. The sine tables are supplied in wooden storage cases up to and including size 450 x 150.
With sine chart degrees / minutes in mm, precision long side stop and short side stop.
Sine table and magnetic chuck also available in stainless steel execution (RF) in sizes 150 x 100 / 200 x 100 / 250 x 150 / 300 x 150.



Angle precision:	± 5 sec.
Planar parallelism:	± 0.005 / 100 mm
Shimming measure at 0°:	3 mm
Angle range:	0° to 45°
Nominal holding force:	80 N/cm²
Pole pitch:	1.9 mm
Magnetic field height:	6 mm
Pole plate wearing limit:	8 mm

Application:
The angle is set according the sine principle, using an end-gauge.
Fixation is achieved by side mounted pincers and by tightening the upper bearing clamps.





Dimensions in mm						Weight in kg
A	B	C	D	E ± 0.2	F	
140	70	170	100	68	55	5.5
150	150	190	165	79	135	12.0
175	100	215	115	77	85	10.0
250	100	290	115	77	85	16.0
255	130	295	145	77	115	19.0
250	150	290	165	79	135	20.5
300	150	340	165	79	135	26.5
300	200	340	215	79	185	35.0
350	150	390	165	87	135	35.0
400	200	440	215	87	185	52.0
450	150	490	165	87	135	44.0
500	250	560	270	94	235	84.0
600	300	660	320	94	275	121.0

Execution with flushing holes available against price adder.

Other dimensions and executions – also with electro magnetic or other magnetic system – and all sizes of permanent magnetic chucks SAV 243.01 are available as sine table.

With mechanical adjustment SAV 245.10 the overall height is increased by approx. 40 mm at 0° setting.

Ordering example: Precision Sine Table SAV 245.01 - 300 x 150 - RF
Ordering key: Name SAV - No. - A x B - Execution