

## Pole Raisers fixed and flexible

SAV 248.70

To accommodate workpiece geometry and allow 5-side machining

### Use:

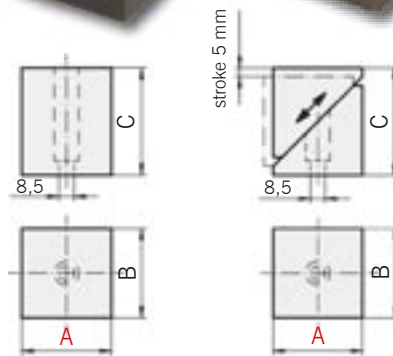
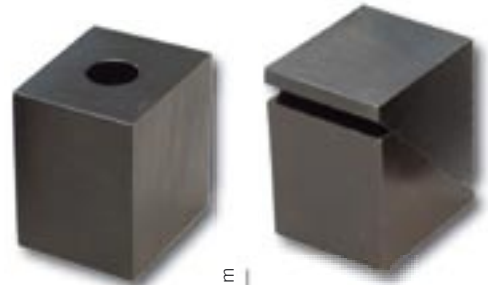
As a raised support for workpieces on a magnetic chuck. Only useable on magnetic chucks SAV 243.77-55 and SAV 243.77-85.

### Features:

Made of cold-drawn steel, the pole raisers can be machined to any shape. The table shows an extract from our standard range.

Can be supplied with specific machined dimensions, prepared for customer's workpiece dimension.

Restoring force per pole raiser about 10 N. Custom designs available on request.



Type	Dimensions in mm			Weight in kg
	A	B	C	
PVS 3	48	40	53.5	0.8
PVS 4	70	70	86.5	3.3
PVF 3	48	40	56.0	0.8
PVF 4	70	70	89.0	3.5

Type PVS 3 and PVS 4: Rigid, for fixed support.

Type PVF 3 and PVF 4: Mechanically flexible, for light components.

Ordering example: Pole Raisers SAV 248.70 - 70 - PVS 3  
 Ordering key: Name SAV - No. - A - Type

## Application of Pole Raisers

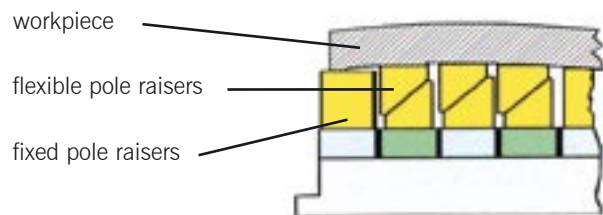
### Advantages for use:

- 5-side-access possible
- free space for tools and through holes
- reduction of air-gaps
- even manufacturing of bended blanks
- mechanical stopper or negative pattern of workpiece for increased shearing forces and easy set up



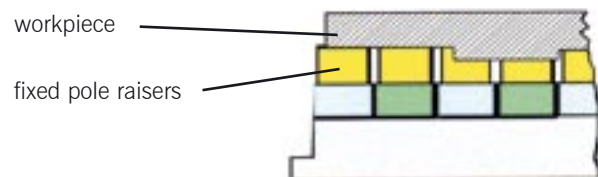
### Directions for use:

- magnetic short cuts between N- and S-pole are to be avoided.
- pole raisers shall not cross the pole gaps (brass)
- holding force increases with the number of pole raisers (contact surface)
- to select the number of pole raisers, the restoring force of flexible pole raisers shall be less than the weight of workpiece.



### Flexible Pole Raisers

Spring loaded in axial direction. For clamping of rugged workpieces with bended shapes. Suitable for reaching evenness in a first set up.



### Fixed Pole Raisers

Profiled shapes possible. Workpiece is pulled down by magnetic forces. Suitable for reaching high parallelity.