

SAV 246.61

PERMANENT MAGNETIC WELDING BRACKETS

Magnetic aid for welding and assembly with different angles

APPLICATION

For efficient holding of welding parts with different angles. With scale for angles from 45° to 225°. Used for small, lightweight parts to heavy sheets, depending in size.

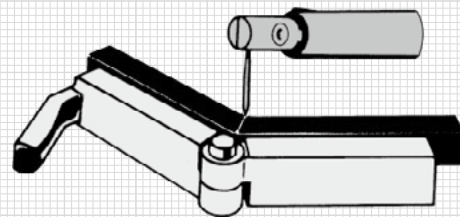
To avoid overloading the welding brackets thermally, we recommend using the magnetic aids only for the tack welds and then removing it.

DESIGN

Sturdy design, both faces are magnetic, easily released by applying pressure from the side. The normal version (N) is intended for workpieces with bright surfaces.

The amplified version (V) is also suitable for workpieces with scaled or dirty surfaces.

The tube version (R) welding brackets are equipped with prism-shaped pole shoes and are therefore particularly suitable for processing round materials and tubes.



Design	Dimensions				
N (normal)	Side length	in mm	130/130	180/180	260/180
	Width	in mm	38	45	45
	Rated holding force*	in daN	32	58	95/88
	Displacement force*	in daN	14	38	44/42
	Weight	in kg	0.75	1.5	2.0
V (reinforced)	Side length	in mm	130/130	180/180	260/180
	Width	in mm	38	45	45
	Rated holding force*	in daN	48	87	142/132
	Displacement force*	in daN	21	57	65
	Weight	in kg	0.8	1.55	2.1
R (tube)	Side length	in mm	130/130	180/180	260/180
	Width	in mm	38	45	45
	Rated holding force*	in daN	-	48	-
	Displacement force*	in daN	-	22	-
	Weight	in kg	0.9	1.7	2.2

* The rated holding force and displacement force stated refer to a sheet metal thickness of 4 mm. More detailed influencing parameters can be found in the technical information (chapter 1.4).

ORDERING EXAMPLE

Designation SAV no. - max. side length - version
 Permanent magnet welding bracket SAV 246.61 - 260 - V

PERM
 1.2.1
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 1.2.2
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