



# Magnetic welding aids



..the Ace for metal !

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## Magnetic welding aids

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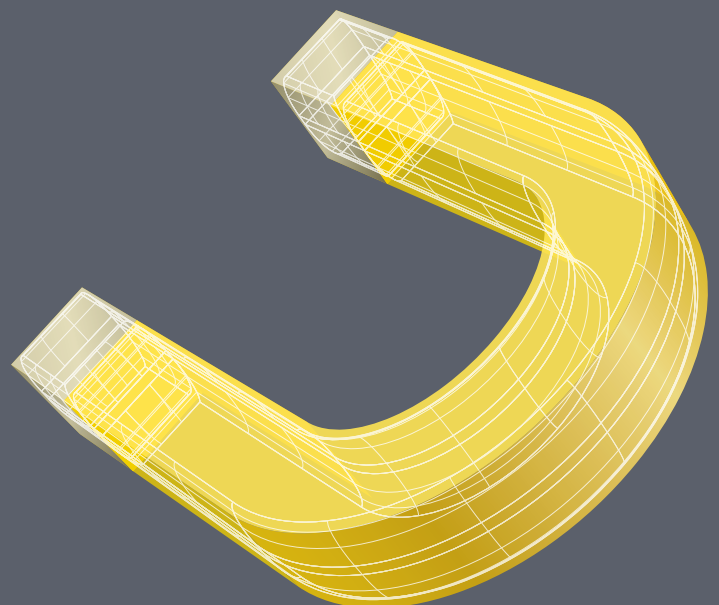
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# MS | SW | MAV | PA

## Magnet welding angles

Your universal handyman for small welding and assembly works, for round and flat materials. All magnetic angles are switchable and suitable for flat and round material, except SW.

MAV 120 and PA 200 are stepless angle adjustable.



MS



SW



MAV 120



MSA



PA 200

### Features

- Easy positioning, adjusting and fixing of workpieces
- No disruption of the arc when welding
- MS, MAV 120 and PA 200 each thigh is switchable
- MAV 120 and PA 200 have an easy and exactly angle adjustment by a quick release and scale



| Technical data | Dimensions<br>[L×W×H] | Angle      | Switchable | Use also for<br>round material | Adhesive force | Weight | No.   |
|----------------|-----------------------|------------|------------|--------------------------------|----------------|--------|-------|
|                | [mm]                  |            |            |                                | [kg]           | [kg]   |       |
| MSA I          | 110 x 30 x 95         | 45°/90°    | Yes        | Yes                            | 36             | 0,7    | 45338 |
| MSA II         | 150 x 35 x 130        | 45°/90°    | Yes        | Yes                            | 60             | 1,4    | 45339 |
| MS 2-80        | 153 x 38 x 153        | 90°        | Yes *      | Yes                            | 46             | 1,2    | 48192 |
| MS 2-90        | 195 x 59 x 195        | 90°        | Yes *      | Yes                            | 68             | 2,7    | 18736 |
| MAV 120        | 197 x 50 x 197        | 25° – 275° | Yes *      | Yes                            | 41             | 2,4    | 162   |
| PA 200         | 240 x 41 x 240        | 22° – 270° | Yes *      | Yes                            | 90             | 1,6    | 60343 |
| SW 200         | 200 x 50 x 200        | 90°        | No         | No                             | 40             | 2,5    | 46504 |
| SW 300         | 300 x 50 x 300        | 90°        | No         | No                             | 60             | 4,0    | 46503 |

\* Every thigh is separately switchable



# Magsquare

## Magnetic module

Universal welding and mounting help. The magnetic force acts on 3 sides. It can also be used as an addition to magnetic angle A 90 and Boomer. Several threaded holes already exist as fastening options.



## Features

- ✔ Magnets can be completely switched off by just turning the switch lever by 180°
- ✔ Usable for round and square workpieces
- ✔ Retention force acts on all sides
- ✔ Threaded holes on every side for individual take-up or mounting



| Technical data | Dimensions [LxWxH] | Adhesive force | Weight | No.   |
|----------------|--------------------|----------------|--------|-------|
|                | [mm]               | [kg]           | [kg]   |       |
| MSQ 165        | 48 x 31 x 65       | 68             | 0,3    | 61939 |
| MSQ 400        | 64 x 42 x 90       | 181            | 0,9    | 60971 |
| MSQ 600        | 75 x 52 x 106      | 272            | 1,4    | 60972 |
| MSQ 1000       | 72 x 108 x 147     | 454            | 3,4    | 60973 |

# A 90 | Boomer

## Magnet welding angles

Your compact helper for welding or assembly works, for round and flat materials at an angle of 90° (A 90), or at an angle of 0° - 360° (Boomer).



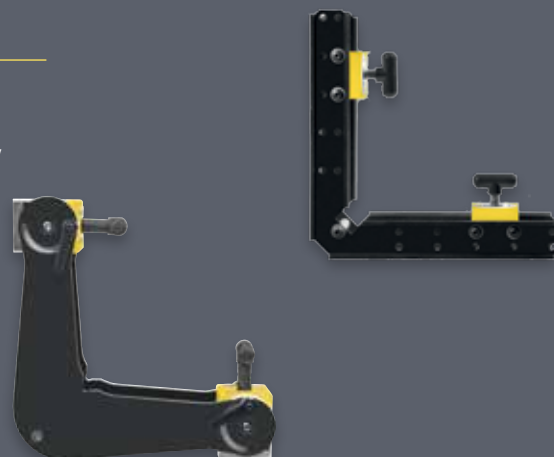
A 90



Boomer

### Features

- ☑ Magnets can be completely switched off by just turning the switch lever by 180°
- ☑ Usable as inside and outside angle
- ☑ Usable for round and square workpieces
- ☑ Retention force acts on all sides
- ☑ Even more magnetic force with optional extensible magnetic modules (A 90)
- ☑ Sturdy steel construction of the angle (A 90)
- ☑ Engraved scales for exact angle adjustment, 0 - 360° (Boomer)
- ☑ Fast and easy angle adjustment by means of quick release (Boomer)



### Technical data

|        | Dimensions [L×W×H] | Adhesive force | Weight | No.   |
|--------|--------------------|----------------|--------|-------|
|        | [mm]               | [kg]           | [kg]   |       |
| A 165  | 205 x 47 x 205     | 68             | 0,8    | 61945 |
| A 400  | 288 x 104 x 288    | 181            | 2,8    | 60340 |
| A 600  | 288 x 134 x 288    | 272            | 3,7    | 60341 |
| A 1000 | 287 x 145 x 474    | 454            | 4,6    | 60342 |
| BA 150 | 196 x 80 x 196     | 68             | 1,3    | 60344 |
| BA 400 | 257 x 109 x 257    | 181            | 3,0    | 60345 |
| BA 600 | 257 x 169 x 257    | 272            | 4,4    | 60346 |

# HL 60-CE

## Manual magnet transporter

Magnetized and demagnetized at the push of a button, but holds like a permanent magnet sharp-edged, greasy work pieces or hot flame-cut parts can be moved quickly.



### Application

- ▶ Usable in mechanical engineering, tool manufacturing, plant engineering, steel construction, shipbuilding, steel mill, transport company or materials store
- ▶ For flat and round material
- ▶ Fast handling of sharp-edged or hot metal parts

### Features

- ⌚ Electric clamping and loosening at the push of a button
- ⌚ Max. operation temperature 80°C
- ⌚ Keeps being absolutely clean after switching-off - no dirt, no particles or chips are sticking!
- ⌚ Up to 1,000 switches are possible with only one battery charge

### Options

- ⌚ Services: test according to German accident prevention regulations and repair

### Delivery contents

- ⌚ HL 60-CE
- ⌚ Two batteries
- ⌚ Battery charger

### Technical data

|          | Adhesive surface | Lifting force | Sheet thickness | Weight | No.   |
|----------|------------------|---------------|-----------------|--------|-------|
|          | [mm]             | [kg]          | [mm]            | [kg]   |       |
| HL 60-CE | 56 x 42          | 30            | > 5             | 1,1    | 60347 |

# Ground magnets

## Magnetic ground clamps

Magnetic ground clamps are extremely useful tools to produce quickly and flexibly the grounding to the welding machine with a switch rotation, without searching suitable clamping locations for the welding clamp.



### Features:

- ⌚ Extremely fast connection of the welding ground
- ⌚ Attachment to flat and rounded surfaces, like tubes
- ⌚ Safe connection of the welding ground with one switch rotation
- ⌚ Stay clean. Turn off ground clamp and wipe away debris
- ⌚ Stable attachment of the welding ground
- ⌚ No deformation of the surface



300 A - 800 A

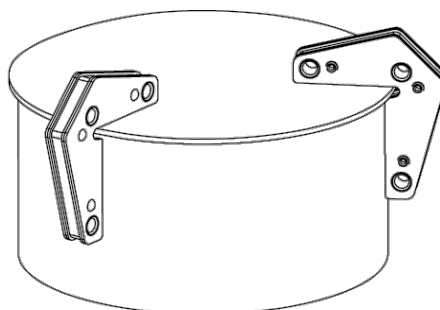
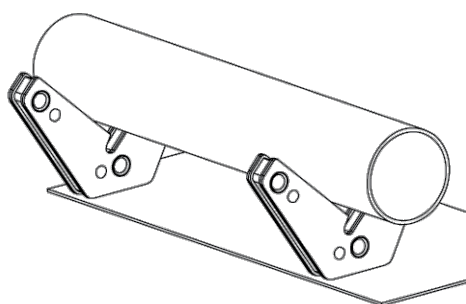
| Technical data | Dimensions [LxWxH] | Use also for round material | Adhesive force | Weight | No.   |
|----------------|--------------------|-----------------------------|----------------|--------|-------|
|                | [mm]               |                             | [kg]           | [kg]   |       |
| 300 A          | 73 x 49 x 57       | Yes                         | 36             | 0,4    | 62088 |
| 600 A          | 69 x 100,8 x 66    | Yes                         | 60             | 0,8    | 61985 |
| 800 A          | 98,6 x 119,9 x 74  | Yes                         | 46             | 1,6    | 64698 |



# MST

## Corner magnetic welding angles

Easy magnetic angle for tack welding, especially for the inside.



### Features

- ☑ Inside and outside magnetic
- ☑ For welding angles from 60° - 90° - 120°

### Delivery contents

- ☑ 1 x package: 2 corner magnetic angles

### Technical data

|         | Dimensions   | Lifting force | Weight | No.   |
|---------|--------------|---------------|--------|-------|
|         | [mm]         | [kg]          | [kg]   |       |
| MST 327 | 95 x 83 x 16 | 14            | 0,4    | 30324 |

# V-PAD | MAG-TAB

## Magnetic welding aids

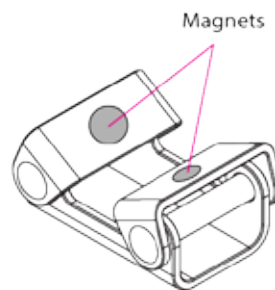
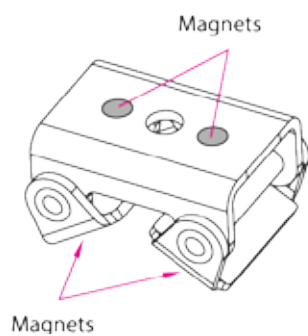
For holding and positioning lightweight, magnetic metal parts.



V-PAD



MAG-TAB



### Features

- ☑ 4 magnets clamp safely the V-PAD on the workpiece and on the welding table
- ☑ For round and flat parts
- ☑ Aid for metal parts, parallel or vertical to the substructure

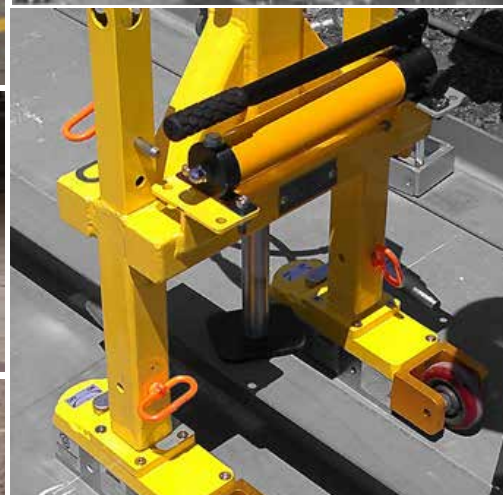
### Delivery contents

- ☑ V-PAD 1 x set: 2 Magnetic angles
- ☑ MAG-TAB – 1 piece

### Technical data

|         | Lifting force | Weight | No.   |
|---------|---------------|--------|-------|
|         | [kg]          | [kg]   |       |
| V-PAD   | 8             | 0,4    | 55019 |
| MAG-TAB | 8             | 0,2    | 53093 |

# Other products in the overview



WANT TO KNOW MORE?

**We are happy to advise you by telephone or with a personal appointment.**

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