

# MAGNETS FOR THE WELDING INDUSTRY

Magnetic Welding Squares and Grounds for fast setup and strong holding power.

**MAG-MATE**®



## Magnetic Welding Squares

### Features

- Ideal for welders that need fast set-up and accurate holding of steel at multiple angles
- Hold work pieces at multiple angles
- Finger hole(s) for safer and easier use
- Mounting holes for fixturing
- Plated steel poles reduce rust
- WS420, WS810 & WS820 models feature "Breakaway Handle"\*
- Weld spatter and fuzz iron resistant covers on certain models\*\*

Max Hold - lbs (kg)	Description	Wd. (in)	Ht. (in)	Ln. (in)	Wt. (lbs)	Model No.
55 (24.95)	Multi-Angle	3/4	3	4-3/8	1.00	WS11094
110 (49.89)	Multi-Angle, Extra Power	1-9/16	3	4-3/8	2.00	WS11094X2
40 (18.14)	Inside 90°, Outside 45°/90°	9/16	2-3/4	4-3/4	0.65	WS100
60 (27.21)	Compact	3/4	3-3/4	3-3/4	1.00	WS300
120 (54.43)	Adjustable	1-3/8	3-3/4	7-5/8	2.25	WS302
75 (34.02)	Mid-Size	3/4	4-3/8	3-3/4	1.05	WS400
75 (34.02)	Mid-Size, Covered**	3/4	4-3/8	3-3/4	1.15	WS410
150 (68.04)	Mid-Size, Extra Power Covered**	1-1/2	4-3/8	3-3/4	2.30	WS420*
160 (72.58)	Large, Covered**	3/4	8	8	3.90	WS810*
325 (147.42)	Large, Extra Power Covered**	1-1/2	8	8	7.50	WS820*



## ON/OFF Magnetic Welding Squares

On/Off Permanent Rare Earth Magnetic welding squares, featuring Magswitch® technology, are ideal for welders that need fast set-up, accurate holding and precise placement of steel sheet stock, plate and tubing.

### Features

- WSS300MS is a dual purpose tool, utilizing multi-angle square and a 300 AMP welding ground all in one
- Stays clean and chips fall off easily when magnet is turned off
- 5 common angles: 45, 75, 90, 105 & 135 degrees
- Heat resistant up to 180°F (82°C)

Hold - lbs (kg)	Th. (in)	Wd. (in)	Ln. (in)	Wt. (lbs)	Model No.
80 (36.28)	1-1/4	2-7/8	2-1/2	0.40	WSS200MS
150 (68.03)	1-7/8	3-1/2	3-3/8	1.20	WSS300MS



## ON/OFF Magnetic Welding Angles

Switchable On/Off Rare Earth magnetic Welding Angles, featuring Magswitch® technology, let welders set up, weld and move on to the next job in a flash. Simply place it on a work surface, turn it on and start welding. On/Off magnets easily allows debris to fall away. Can be used on flat or round steel or cast iron. Non-marring hold.

### Features

- Pivoting Magnetic Welding Angles pivot to angles ranging from 22° to 270°, with locking handle and marked degree indicators.
- 90° Magnetic Welding Angles have Pre-drilled holes allowing for quick adjustment or addition of more magnetic bases. Reversible for inside or outside hold.
- Adjustable Magnetic Welding Angles have two magnetic bases that rotate for virtually unlimited welding angles. Reversible for inside or outside hold.

Hold - lbs (kg)	Angle Type	Ht. (in)	Wd. (in)	Ln. (in)	Wt. (lbs)	Model No.
200 (90.71)	Pivoting	9-1/4	1-5/8	9-1/4	3.00	WSP200MS
150 (68.04)	90°	8	1-3/4	8	3.00	MWA0150MS
550 (249.48)	90°	12	2-3/4	12	11.00	MWA0550MS
150 (68.04)	Adjustable	8	5-1/2	8	3.40	AWA0150MS
550 (249.48)	Adjustable	10	6-1/2	10	9.00	AWA0550MS



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## Magnetic Welding Grounds



### Features

- Powerful magnet attaches securely to steel work surfaces
- Spring loaded 1/2" dia. stud assures constant electrical ground contact
- Release handle
- Holds 35 Lbs.



Hold - lbs (kg)	Dia. (in)	Ht. (in)	Amps	Stud	Wt. (lbs)	Model No.
35 (15.88)	3-1/2	2-1/4	250	Brass	1.50	WG250
35 (15.88)	3-1/2	2-1/4	800	Copper	1.50	WG800

## ON/OFF MagSquares

Switchable On/Off Rare Earth MagSquares, featuring Magswitch® technology, are extremely powerful.

Fast work-holding on multiple sides of the MagSquare. Eliminates the need for tedious clamping.

MagSquares can be used on flat or round steel or iron surfaces. Pre-Tapped holes on all sides for mounting. Locking On/Off handle.



Hold - lbs (kg)	Magnet Ht. (in)	Overall Ht. (in)	Wd. (in)	Ln. (in)	Tap (mm)	Wt. (lbs)	Model No.
150 (68.04)	1-1/2	2-1/2	1-1/2	1-1/2	5	0.85	MS0150MS
400 (181.43)	2-1/4	3-1/2	1-1/2	2-1/2	5	2.25	MS0400MS
550 (249.48)	2-1/2	4-1/4	2	3	6	3.75	MS0550MS
1000 (453.60)	3	5-3/4	2-3/4	4	10	10.50	MS1000MS

## ON/OFF Magnetic Welding Grounds

The switchable On/Off Rare Earth Magnetic Grounds, featuring Magswitch® technology, let welders set up, weld and move on to the next job in a flash, thanks to this new magnetic technology. Simply place it on a work surface, turn it on and start welding. Makes welding quicker and easier than ever before.

Will work on flat or pipe.



Hold - lbs (kg)	Ht. (in)	Wd. (in)	Ln. (in)	Amps	Wt. (lbs)	Model No.
30 (13.61)	2-1/2	1-1/8	2-1/4	200	0.50	WG200MS
56 (25.41)	2-1/2	1-1/2	2-3/4	300	0.85	WG300MS
104 (47.18)	2-1/2	2-3/4	4	600	2.85	WG600MS

## ON/OFF Magnetic Hanging Hooks

The switchable On/Off Rare Earth Magnetic hanging hooks, featuring Magswitch® technology, are perfect for temporary holding of lines, hoses, lights, tools and more. For use around the job site or shop. Quickly secure and hold just about anything, anywhere.

### Features

- Can hold nuts, bolts, screws etc. to sides when turned on.
- Attaches to flat or round surfaces with ease.
- Locking On/Off Handle



Hold - lbs (kg)	Ht. (in.)	Dia. (in.)	Wt. (lbs)	Model No.
25 (11.34)	3-1/2	1-1/2	0.70	MHH025MS
40 (18.15)	4	2-3/4	1.95	MHH040MS

## ON/OFF Magnetic Mag-Pry™ by Fit Up Gear™

Strong, easy to use, On/Off magnetic pry bar for material leveling and alignment also known as mismatch or high / low allowing for rapid and easy plate matching for seamless welds. Perfect for all plate and seam work, under foot, on vertical surfaces, even overhead. The Mag-Pry™ eliminates need for welded tabs by incorporating a non-marring, On/Off Rare Earth Magnet with 1,100 lbs breakaway force and locking T-handle for safety. Up to 100 times faster than traditional methods saving you time and money, pays for itself in days. No electricity needed.



Ht. (in)	Wd. (in)	Ln. (in)	Wt. (lbs)	Model No.
3-1/2	5-7/8	19	10.0	PB1000MS



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MGWeld (11/13)

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