

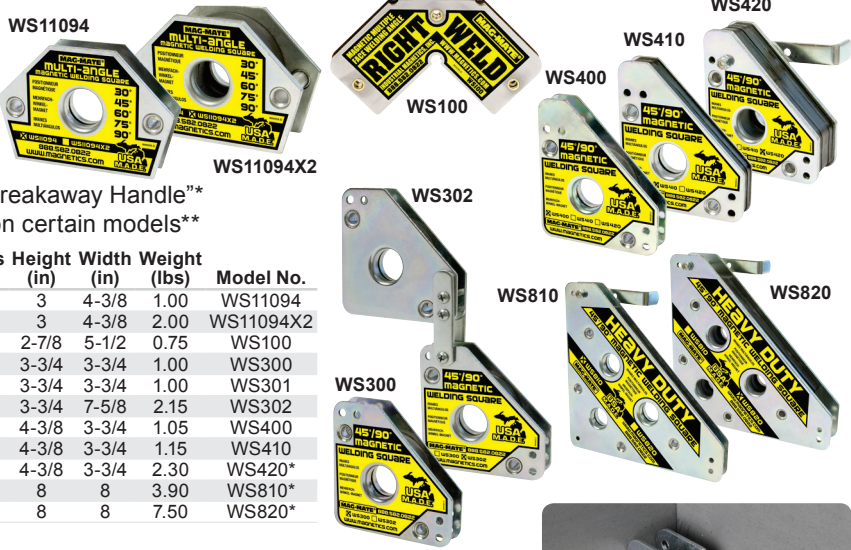
WELDING ANGLES & CLAMPING DEVICES



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
- 5/16" 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**



Hold - lbs (kg)	Description	Thickness (in)	Height (in)	Width (in)	Weight (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°	5/8	2-7/8	5-1/2	0.75	WS100
60 (27.21)	Compact	3/4	3-3/4	3-3/4	1.00	WS300
60 (20.21)	Compact Multi-Angle	3/4	3-3/4	3-3/4	1.00	WS301
120 (54.43)	Adjustable	1-3/8	3-3/4	7-5/8	2.15	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*

Magnetic Welding 3-Axis Holding

- Permanent Welding Square holds 3 pieces of metal at once
- Ideal for holding support brackets, gussets, etc.
- Third side has 42lb max hold
- WS410AX3 has weld spatter, fuzz iron resistant cover

Hold - lbs (kg)	Description	Thickness (in)	Height (in)	Width (in)	Weight (lbs)	Model No.
55 (24.95)	Multi-Angle	1-1/8	3	4-3/8	1.00	WS11094AX3
60 (27.21)	Compact	1-1/8	3-3/4	3-3/4	1.00	WS300AX3
60 (20.21)	Compact Multi-Angle	1-1/8	3-3/4	3-3/4	1.00	WS301AX3
75 (34.02)	Mid-Size	1-1/8	4-3/8	3-3/4	1.05	WS400AX3
75 (34.02)	Mid-size Covered	1-1/8	4-3/8	3-3/4	1.20	WS410AX3



Mag90™ ON/OFF Magnetic Squares

On/Off Switchable Permanent Rare Earth Magnetic Squares are extremely powerful and eliminate the need for tedious clamping. The Mag90™ squares offer fast work-holding on multiple sides for flat or round steel. Features pre-tapped holes on all sides for mounting and a locking On/Off handle for safety.



Max Hold - lbs (kg)			Overall								
Flat Steel	Round Steel	Min. Diameter (in)	Height (in)	Height (in)	Width (in)	Length (in)	Tap	Tap Depth (in)	Weight (lbs)	Model No.	
150 (68.04)	75 (34.02)	1-1/2	2-3/4	1-1/8	1-1/2	1-1/2	#8-32	0.330	0.80	WS0150R	
450 (204.12)	225 (102.06)	2	4-5/8	2-3/4	2-1/2	3	1/4-20	0.500	4.30	WS0450R	
1000 (453.60)	500 (226.79)	4	4-3/4	3	4	4-1/4	3/8-16	0.625	10.45	WS1000R	

ON/OFF Magnetic Welding Angles

On/Off Switchable, Permanent Rare Earth Magnetic Welding Angles. Welders set up, weld and quickly move on to the next project. Simply place on work surface, turn 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. Stainless steel construction.

Features

- WSP0150R pivots to angles ranging from 22° to 270°, with locking handle and detents. Hold on 3 sides.
- WSP0150R & WSP0450R have slots allowing for quick-slide adjustment or addition of more magnetic bases. Reversible for inside or outside hold.
- WSF275X3 ON/OFF holds 3 sides.

Hold - lbs (kg)	Angle Type	Height (in)	Width (in)	Length (in)	Weight (lbs)	Model No.
150 (68.04)	Pivoting	9-5/8	2-1/8	9-5/8	4.30	WSP0150R
150 (68.04)	90°	8-1/4	2-7/8	8-1/4	3.60	WSF0150R
450 (204.12)	90°	12-1/4	3-7/8	12-1/4	6.80	WSF0450R
275 (124.74)	90°	7-1/4	1-5/8	7-1/4	5.00	WSF275X3

