

2026

Strong HandTools

The Big Book of Efficient Workholding for Welding & Fabrication.

WELDING CLAMPS & PLIERS

MAGNETIC SQUARES

FIXTURE VISES

GROUNDING TOOLS

SHOP TOOLS & MORE

**Strong
Hand
Tools®**

StrongHandTools.com

800.989.5244



We create metalworking products that save time, increase comfort, and improved quality for our customers.



Quick Acting Welding Tools
www.StrongHandTools.com



Mobile Fixturing Station
www.Rhino-Cart.com



Modular Welding Tables
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Heavy Duty Welding Tables
www.Alpha28Tables.com



Toggle Clamps & Latches
www.GoodHandinc.com



Operating Accessories & Tooling Components
www.Valtrainc.com



The Strong Hand Tools® line of innovative products are sold in over 60 countries worldwide, through a network of Authorized Distributors delivering timely technical and customer service support for your business.

For over 40 years, we've communicated with welders and fabricators to develop innovative clamping and fixturing tools. Our dedicated team of engineers continue to study every aspect of layout, clamping, and positioning with a variety of materials so you'll be well prepared to create set-ups for any project. Having the right tools in your shop to handle each new project is the key to improving work quality and productivity, and growing your business.

You can purchased our products through an extensive global distribution network. Please go to www.stronghandtools.com/distributors or simply scan the QR code to find all of our authorized distributors near you.



Find Distributors



USA Headquarters in Los Angeles, CA.



Product development starts here with rigorous testing from our R & D Team.



European sales & distribution office located in Czechia.

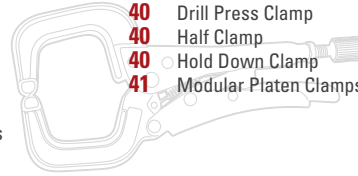
TOOL DIRECTORY

CLAMPING TOOLS

- 04** 4-IN-1™ F-Clamps
- 08** Step-Over J-Clamps
- 08** Ratchet Action Clamps
- 08** MagSpring™ Clamps
- 09** Clamps Replacements & Accessories



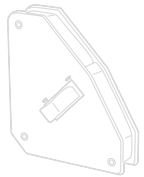
- 20** Multi-Purpose Pliers
- 20** C-Clamp Locking Pliers
- 20** Adjustable / Long Reach Pliers
- 21** Big Mouth Pliers
- 21** Expand-O™ Pliers
- 22** JointMaster™
- 23** Pliers Replacement & Accessories



- 26** Portable 3-Axis Clamp Kit
- 40** Drill Press Clamp
- 40** Half Clamp
- 40** Hold Down Clamp
- 41** Modular Platen Clamps

MAGNETIC TOOLS

- 11** Adjust-O™ Magnet Squares
- 11** A-Frame Heavy duty Magnet
- 12** Adjust-O™ 90° Dual Switch
- 12** Adjust-O™ Angle Magnet
- 13** Inside/Outside Angle Magnets



- 13** Corner Magnets
- 14** Standard Magnet Squares
- 14** Mini Magnet Squares
- 14** XYZ Mini Magnet Squares
- 15** MagTabs™

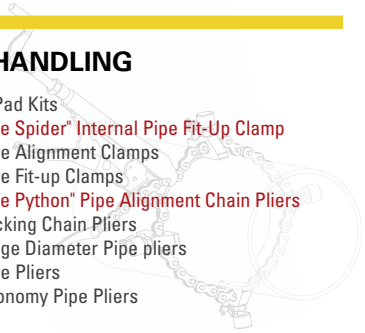
VICES

- 24** 2 & 3-Axis Vises
- 25** Aluminum 90° Tru-AngL Jig
- 25** Portable MagVise™
- 26** Welders Universal Vise



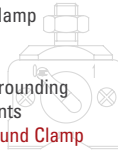
PIPE HANDLING

- 16** V-Pad Kits
- 16** "The Spider" Internal Pipe Fit-Up Clamp
- 17** Pipe Alignment Clamps
- 17** Pipe Fit-up Clamps
- 18** "The Python" Pipe Alignment Chain Pliers
- 18** Locking Chain Pliers
- 19** Large Diameter Pipe pliers
- 19** Pipe Pliers
- 21** Economy Pipe Pliers



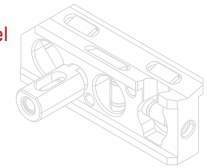
GROUNDING

- 27** Magnetic Grounding Spring Clamp
- 27** Grounding Clamp
- 27** Ground Hog™ Pliers
- 28** Big Mount Pliers w/ Copper Grounding
- 28** Ground Hog™ Unit Replacements
- 29** Hi-Temp Magnetic Spring Ground Clamp
- 29** Hi-Temp Grounding V-Pad
- 30** PowerBase™ Grounding Magnets
- 30** Magnetic Grounding Grasshopper



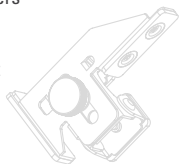
LEVELS

- 38** EZ-View 3-Axis Level
- 38** Mag-Level

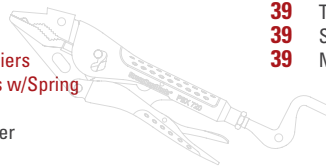


SPECIAL TOOLS

- 31** Magnetic Grasshoppers
- 31** Hole Plug Magnets
- 32** Articulated Arm Rest
- 32** Adjustable Wrist Rest
- 33** TIG Torch Rests
- 33** Universal Rests
- 34** Grinder Rests



- 34** MIG Torch Rests
- 35** MIG Pliers
- 36** Multi-purpose Pliers
- 36** Adjustable Pliers w/Spring
- 37** TIG Feeders
- 37** TIG Part Organizer



- 39** The Third Hand Modular Clamps
- 39** Snake Magnets
- 39** MagHold™ Extendable Arm

SHOP TOOLS

- 43** Magnetic Pipe & Flange Alignment Kit
- 43** Round Contour Marker
- 43** Round Hole Marker
- 48** WireBrush Scraper & Replaceable Brush Set
- 48** Plastic Welder's Tool Pouches
- 49** Height-Adjustable Work Rover Stools

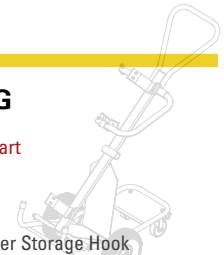


- 49** Anti-Fatigue Floor Mat
- 50** Magnetic Retrieving Tool
- 50** Portable Round Tool Tray
- 50** Magnetic Tool Holder
- 50** Welding Chipping Hammer



GAS HANDLING

- 44** Cylinder Loading Cart
- 45** Gas Cylinder Dolly
- 45** Cylinder Cart
- 46** Gas Grabbers
- 46** Adjusta Gas Cylinder Storage Hook
- 46** Gas Cylinder Tool Organizer
- 47** EZ-View Gas Cylinder Valve Indicators
- 47** Gas Flow Meter



* Throughout this catalog, all magnetic force is based on 3/8" thick flat steel surface except where indicated. Magnetic products must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 175°F / 80°C and above.

* All products, product specifications and data are subject to change without notice to improve reliability, function, design or otherwise. Please check online for updated information and details.

* WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



4 Functions in 1 Clamp



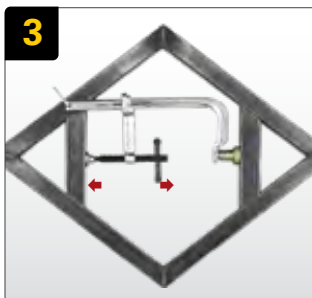
Standard

Sliding Arm Clamps are 10x faster than a C-Clamp!



Pipe

Add the exclusive V-Pad to create a Pipe Clamp!



Spreader

Reverse the clamp arm and create a Spreader Clamp.

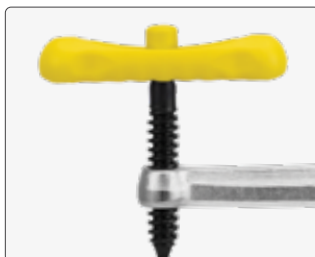


Step-Over

Add the Extender Block to create a Step-Over Clamp.



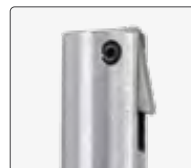
Clamp Arm
- Removable
- Reversible



Ergonomic Comfort Handle
included with G/M Rail
UG Models: Plastic Handle + Cap
UM Models: Plastic handle ONLY



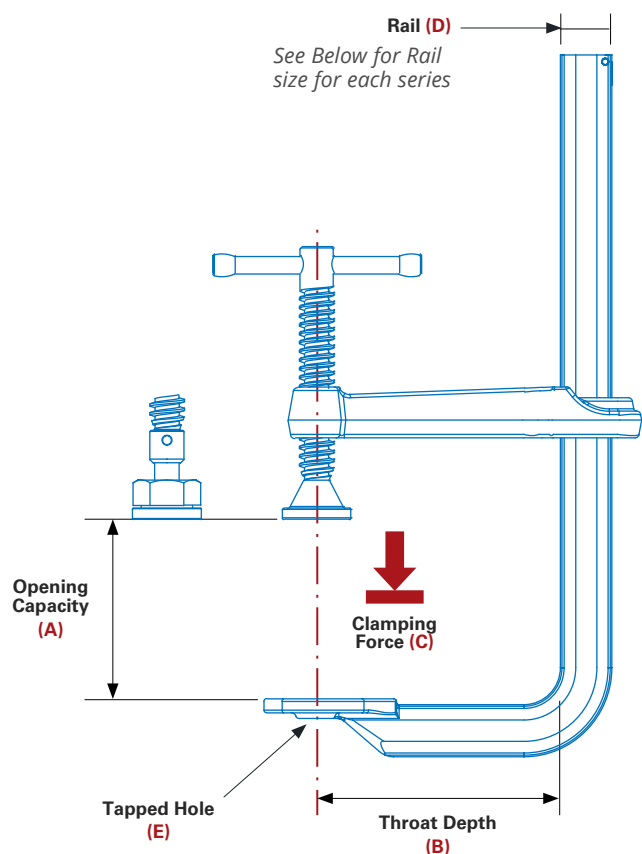
UD Models:
Remove the Key Ring.



UE, UF, UG, UM Models:
Quickest Removal: Press the Spring Stop to slide the clamp arm ON and OFF



UP Models:
Removable Fasteners



Standard Pad



Replaceable Heavy Duty Pad

CREATE YOUR OWN 4-IN-1 KIT WITH THE 4-IN-1 ACCESSORY PACK! (See page 10)



Tapped Hole (E)

For attaching accessories such as the V-Pad or Extender Block.

* Throughout this catalog, You can identify the features of our clamping tools with the help of designated letters:

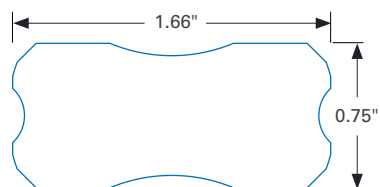
A: Opening Capacity (inch)

B: Throat Depth (inch)

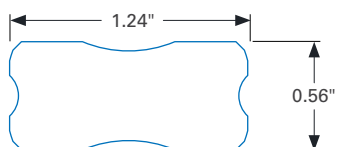
C: Clamping Force (pound)

E: Tapped Hole

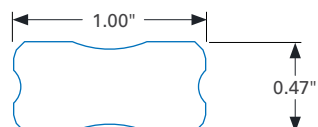
L: Overall Length (inch)



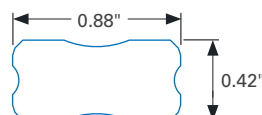
UP series
Rail size (D): 1-21/32 x 3/4



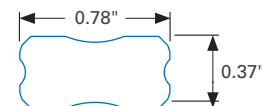
UM series
Rail size (D): 1-1/4 x 9/16



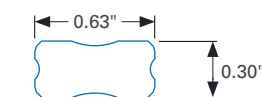
UG series
Rail size (D): 1 x 15/32



UF series
Rail size (D): 7/8 x 7/16



UE series
Rail size (D): 25/32 x 3/8



UD series
Rail size (D): 5/8 x 5/16



UB series
Rail size (D): 1/2 x 1/4

(1:1)

HEAVY DUTY

- **Clamping Force (C):**
4,800 lb
- **Throat Depth (B):** 7"
- **Rail (D):** 1-21/32 x 3/4"
- **Tapped Hole (E):** 3/8-16
- Heavy Duty Pads

PN	A (in)	Weight (lb)	4-IN-1 PN	Weight (lb)
UP125	12-1/2	12.3	-	-
UP165	16-1/2	13.6	-	-
UP205	20-1/2	15.0	UP205-C3	16.1
UP245	24-1/2	16.5	-	-
UP405	40-1/2	22.0	-	-
UP605	60-1/2	28.0	-	-

MEDIUM DUTY

- **Clamping Force (C):**
800-2,400 lb
- **Tapped Hole (E):** 3/8-16
- Comfort Handle for G rail and M rail
- Spring Stop

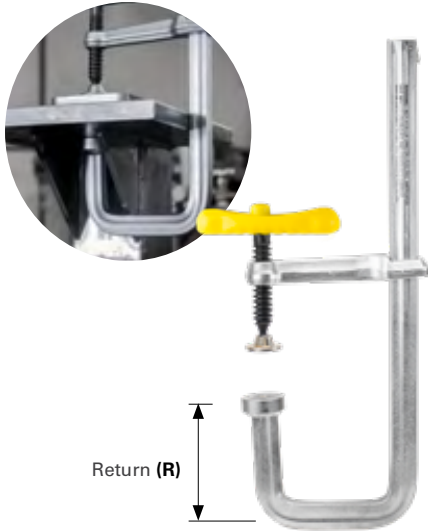
PN	A (in)	B (in)	C (lb)	Standard Pad	Weight (lb)	4-IN-1 PN	Weight (lb)
UM205	20-1/2	5-1/2	2,400	Heavy Duty	8.7	UM205-C3	9.8
UM165	16-1/2	5-1/2	2,400	Heavy Duty	7.6	UM165-C3	8.7
UM125	12-1/2	5-1/2	2,400	Heavy Duty	7.0	UM125-C3	7.6
UM125P	12-1/2	5-1/2	2,400	√	6.4	-	-
UM105	10-1/2	5-1/2	2,400	Heavy Duty	6.4	-	-
UM105P	10-1/2	5-1/2	2,400	√	6.3	UM105P-C3	7.4
UM85	8-1/2	5-1/2	2,400	Heavy Duty	5.9	UM85-C3	7.0
UM85P	8-1/2	5-1/2	2,400	√	5.7	UM85P-C3	6.6
UM65	6-1/2	5-1/2	2,400	Heavy Duty	5.4	-	-
UM1210	12-1/2	10 *	1,200	Heavy Duty	8.6	-	-
UG125	12-1/2	4-3/4	1,200	√	4.5	UG125-C3	5.1
UG85	8-1/2	4-3/4	1,200	√	3.6	UG85-C3	4.1
UM1612	16-1/2	12 *	1,000	Heavy Duty	10.2	-	-
UF65	6-1/2	4-3/4	1,000	√	2.4	UF65-C3	2.9
UE125	12-1/2	4	850	√	2.5	-	-
UE85	8-1/2	4	850	√	2.3	-	-
UG1657	16-1/2	7 *	800	√	5.3	-	-
UG1257	12-1/2	7 *	800	√	5.0	UG1257-C3	5.5

* Deep Throat

LIGHT DUTY

- **Clamping Force (C):**
500 lb
- **Throat Depth (B):**
3-1/4"
- **Rail (D):** 5/8 x 5/16"
- **Tapped Hole (E):** 5/16-18
- Standard Pad
- Key Ring Stop

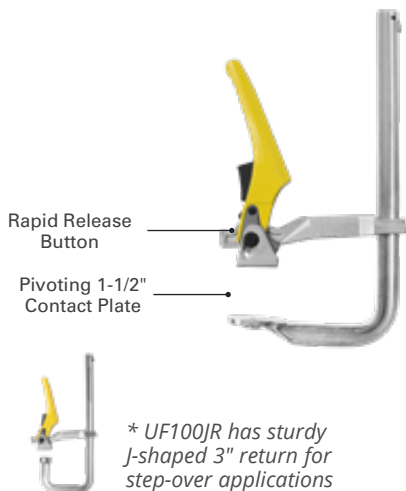
PN	A (in)	Weight (lb)	4-IN-1 PN	Weight (lb)
UD85	8-1/2	1.2	-	-
UD65	6-1/2	1.1	UD65-C3	1.6
UD45	4-1/2	1.0	UD45-C3	1.3



STEP-OVER J-CLAMPS

- J-shaped frame clears lips, flanges, and structural edges (angle iron, channel, and I-beams) without losing clamping pressure
- Reaches past raised edges and clamps flat on the work surface, no spacers or workarounds needed
- Quick arm removal and reversible
- Standard 3/8-16 tapped hole (E)

PN	A (in)	B (in)	R (in)	C (lb)	D (in)	Pad	Weight (lb)
UM205J	20-1/2	5-1/2	4	2,400	1-1/4 x 9/16	Heavy Duty	9.2
UM125J	12-1/2	5-1/2	4	2,400	1-1/4 x 9/16	Heavy Duty	8.1
UG105J	10-1/2	4-3/4	3	1,200	1 x 15/32	Standard	5.0
UF100J	10	4-3/4	3	1,000	7/8 x 7/16	Standard	3.2
UD45J	4-1/2	3-1/4	2	500	5/8 x 5/16	Standard	1.2

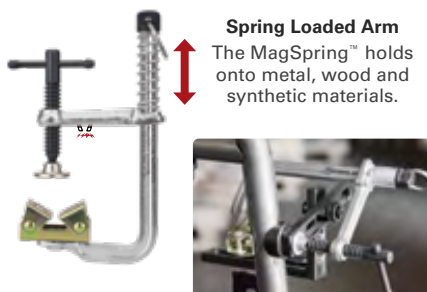


RATCHET ACTION CLAMPS

Ratchet mechanism ensures rapid, vibration and torsion resistant clamping.

- Quick to setup, unlock, and remove in high volume clamping applications.
- Even clamping force. Ideal for repetitive clamping setups.
- 3/8-16 threaded hole for adding accessories.

PN	A (in)	C (lb)	D (in)	Weight (lb)
UG205R	20-1/2	1,200	1 x 15/32	5.8
UG125R	12-1/2	1,200	1 x 15/32	4.8
UG85R	8-1/2	1,200	1 x 15/32	3.6
UF100R	10	1,000	7/8 x 7/16	3.0
UF100JR *	10	1,000	7/8 x 7/16	3.1
UF65R	7	1,000	7/8 x 7/16	2.6



MAGSPRING™ CLAMPS

One-handed clamping enabled by the spring-loaded + magnetic V-pad

The spring-loaded arm + magnetic V-pad lets the clamp hold itself in place while you position the workpiece

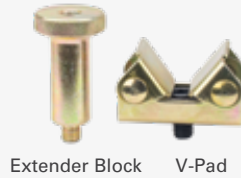
Frees up your other hand to adjust, align, and tack. No third hand required.

PN	A (in)	B (in)	C (lb)	E (in)	Weight (lb)
UBV65	4-1/2	2-1/2	300	1/4-20	0.9
UDV45	3	3-1/4	500	5/16-18	1.0
UDV65	4-1/2	3-1/4	500	5/16-18	1.1



4-IN-1 PACKAGES (FOR F-CLAMPS)

Convert all F-Clamps into 4-IN-1 Clamps. Includes a V-pad, an Extender Block, and a screw.



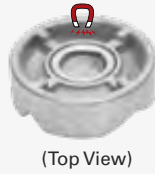
Extender Block V-Pad

PN	V-Pad	Extender Block	For Clamps	Weight (lb)
XDVB	XDV	XDB1	UD Series	0.3
XFVB	XFV	XFB	UE, UF, UG Series	0.6
XMVB	XMV	XMB2	UM, UP Series	1.1
XPVB	XPV	XPB3	UP Series	1.9

* Please visit our website for detailed information on individual parts.

MAGNETIC TOP V-PADS

Add the aluminum magnetic top V-Pad onto the swivel pad to hold round, square, flat, and angled stock.



(Top View)

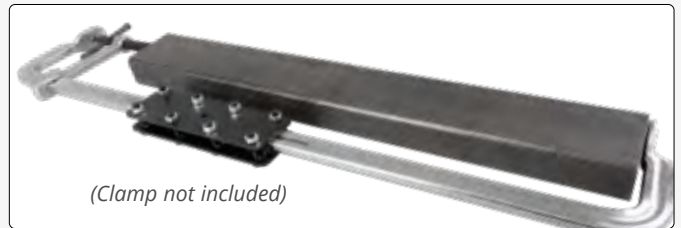


(Bottom View)

PN	For Clamps	For Pliers	Weight (lb)
T54217	UB, UD Series	PTT522K	0.05
T54219	UE, UF, UG Series	PTT634K, PTT934K, PTT956K	0.05

CLAMP EXTENDER

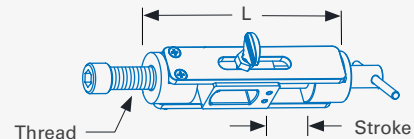
- **Extended Reach:** Links two "M" rail clamps for longer clamping range.
- **Adjustable Rail Stops:** "M" rail stops lock the sliding arm at precise positions.
- **Sturdy Mounting Bracket:** Mounts to your workbench for stable operation.



PN	Dimensions (in)	For Clamps	Weight (lb)
UME20	9.8 x 5.6 x 2.1	UM Series (1-3/16" x 9/16" Rail Size)	7.4

SLIDE-ON SIDEKICKS

Mount onto sliding arm clamps to gain side clamping abilities. Stroke and reach of clamp can be modified by changing the pad with a longer or shorter fastener.



PN	L (in)	Stroke (in)	Thread (in)	For Clamps	Weight (lb)
XDS	3-1/8	1	3/8-16	UD Series	0.6
XFS	4-3/8	1-3/8	1/2-13	UF Series	1.2
XGS	4-3/8	1-3/8	1/2-13	UG Series	1.2
XMS	4-3/8	1-3/8	1/2-13	UM Series	1.2

F-CLAMPS REPLACEABLE PARTS

Replaceable Arm & Spindle Kits

** Please check our website for individual clamp arms and spindles information*



XMR2

PN	Replaceable Arm & Spindle Kits	Weight (lb)
XDR	for UD Series	0.5
XER	for UE Series	0.9
XFR	for UF Series	1.2
XGR	for UG Series	1.5
XMR2	for UM (Equipped w/ HD Pad)	2.5
XMRP2	for UM (Equipped w/ Std Pad)	2.3
XPR	for UP Series	4.5

REPLACEMENT ARM FOR RATCHET CLAMPS

Tempered-forged steel replacement ratchet arm. Fits F and G rail sizes.



PN	For Rail Size (in)	Weight (lb)
XFRRF	7/8 x 7/16	1.7
XGRRG	1 x 15/32	2.9

REPLACEABLE PADS

Heavy Duty Replacement joints and pads for UG, UM & UP clamps.



XMJ
(Roll pin included)

XMA1

Spring-loaded standard pads for light & medium duty clamps.



PN	Description	Weight (lb)
XGJ	Joint & Pad Kit for UG Clamps	0.2
XMJ	Joint & Pad Kit for UM & UP Clamps	0.4
XGA1	Replacement Pad only for XGJ	0.1
XMA1	Replacement Pad only for XMJ	0.2
XDP	Standard Pads for UB, UD Series	0.05
XFP	Standard Pads for UE, UF, UG Series	0.09
XGP	Standard Pads for UG Series	0.12
XMP	Standard Pads for UM Series	0.22

SCREW-ON TOP V-PADS

Attach to the top of F-Clamps equipped with Heavy Duty Pads.



PN	Material	For F-Clamps	Weight (lb)
XMA	Steel	UM, UP Series	0.6
XMAS	Stainless Steel	UM, UP Series	0.6

CLIP-ON TOP V-PADS

Attach to the top of F-Clamps equipped with Standard Pads.



PN	Material	For F-Clamps	Weight (lb)
XDA2	Steel	UD Series	0.2
XFA2	Steel	UE, UF, UG Series	0.3
XMA2	Steel	UM, UP Series	0.6
XDA2S	Stainless Steel	UD Series	0.2
XFA2S	Stainless Steel	UE, UF, UG Series	0.3
XMA2S	Stainless Steel	UM, UP Series	0.6

ADJUST-O™ MAGNET SQUARES



DOUBLE Plate
Optimize magnetic force(-HD models)

On/Off Switch for fast and easy setup

Mid point switch position: for alignment / easy part placement.



Easy ON/OFF Switch



Hold 30°/ 60°, 45°, and 90°

The fast & easy way to hold metal workpieces at 30°/ 60°, 45°, and 90°.

Made with strong rare earth magnets. Ideal for round and square tubing, angle, and flat stock. Easy to clean. Fully enclosed for easier cleaning. Simply turn Off and wipe.

Turn the magnet off or at the mid-point position when setting up, turn on when you're ready to work. Fast and safe set-up!

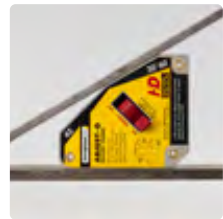
PN	Max. Pull Force (lb)	Dimension (in)	Weight (lb)
MSA45	65	4.4 x 3.8 x 1	1.0
MSA46-HD	90	4.4 x 3.8 x 1.1	1.5
MSA47	75	6 x 5.1 x 1.3	2.2
MSA48-HD	160	6 x 5.1 x 1.4	3.0
MSA53-HD	140	6 x 5.1 x 1.4	3.0



Round pipe fabrication



Joining square tubes



Sheet metal application

TAB FOR MSA MAGNETS

XMT30 are 3 tabs for MSA Magnets to position and align your stock materials properly.

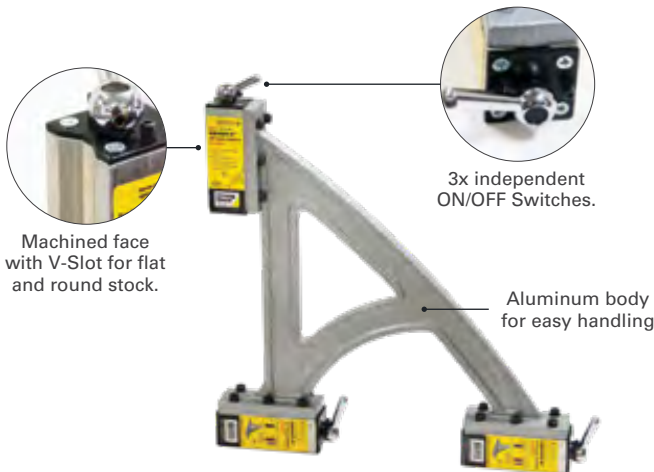
PN	Weight (lb)
XMT30	0.3



XMT30



A-FRAME HEAVY DUTY MAGNET

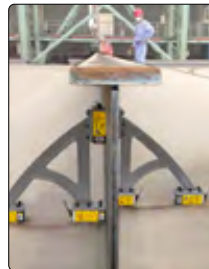


3x independent ON/OFF Switches.

Aluminum body for easy handling

Designed for secure holding of large, heavy stock.

Features large, robust magnets for maximum surface contact and holding power. Three On/Off switches with adjustable mid-position allow controlled, lighter magnetic force for easy part positioning before locking in place.



PN	Max. Pull Force (lb)	Dimension (in)	Weight (lb)
MS2-300	Total 265	13 x 13 x 1.3	8.8

ADJUST-O™ 90° DUAL SWITCH



**Sold individually*

For jobs that demand strong hold down forces.

Holds flat and round metal work pieces.

- Two On/Off switches for independent operation. Easy and safe set-up!
- Machined flat and V-surfaces are ideal for round and square tubing, angle and flat stock.



2 x On/Off Switch
For independent operation

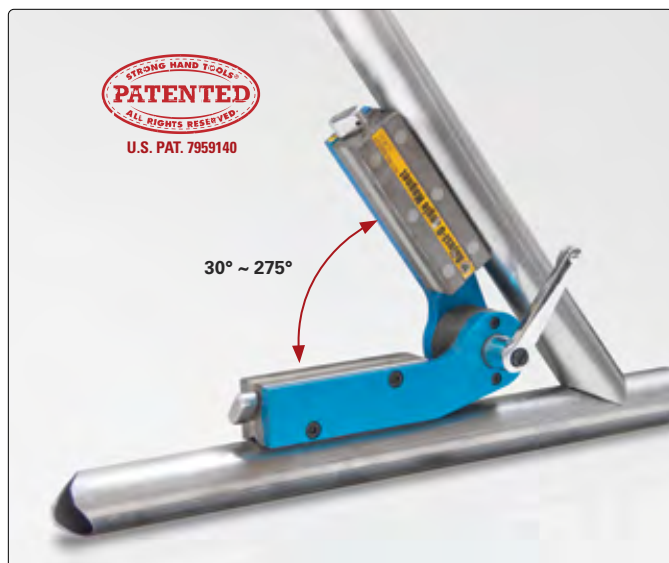


V-Groove
For holding round & flat stock.

PN	Max. Pull Force (lb)	Dimension (in)	Weight (lb)
MS2-80	120	6 x 6 x 1-1/2	2.7
MS2-90	265	7-3/4 x 7-3/4 x 1-7/8	6.0

ADJUST-O™ ANGLE MAGNET

- Adjustable from 30° - 275° with two On/Off switches.
- Machined flat surfaces and nickel/chrome body.
- V-Groove surfaces securely hold round and square tubing, angle, and flat stock.



Machined V-Groove
For holding round & flat stock.



Calibration w/ Vernier



Adjustable Handle
For setting & locking the desired angle.



2 x On/Off Switch

PN	Max. Pull Force (lb)	Dimension (in)	Weight (lb)
MAV120	110	7-3/4 x 7-3/4 x 3-3/4	5.3

INSIDE/OUTSIDE ANGLE MAGNETS

- Two magnets inside + double plates for maximum pull
- Narrow profile for use in tight spots.
- **MLD series features fixed angles:** 90°, 30°/60°.
- MLA series can be adjusted from 30° to 270°
- Angles Setting Pin, included in MLA series, sets the angle from 30°, 45° and 90°



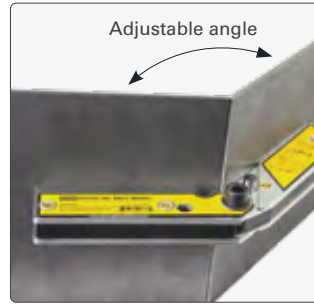
MLA
Angle Adjustable



MLD
Fixed Angle



Demo Video



Adjustable angle



Pin to set 45°



Breakaway force



Lock angle

PN	Description	Height (in)	Width (in)	Thickness (in)	Mag. Pull Force (lb)	Weight (lb)
MLDT350	Combo Pack, 1x MLD300 + 1x MLD500 (MLD300 and MLD500 not to be sold separately)					1
(MLD300)	Fixed Angle, 90°, 30°/60°	3	2	0.55	20	
(MLD500)		5	3.35	0.7	33	
MLD600	Fixed Angle, 90°, 30°/60°	6	4.33	0.79	40	1.7
MLA450	Adjustable Angle, 30 ~ 270°	4.7	4.7	0.72	26	1.2
MLA600	Adjustable Angle, 30 ~ 270°	6	6	0.79	33	2

CORNER MAGNETS, TWIN PACK

- Create 90° corners by holding from the outside, providing you with an unobstructed area for inside tack welds.
- One side corner "relief" provides clearance for tall lips.
- Use the outer edges of the Corner Magnet for setting up materials at 60°.



The compact and low profile Corner Magnet is ideal for light duty holding of stock at 90°.



Use the outer edges of the Corner Magnet to hold stock at 120°.

PN	Description	Dimension (in)	Max. Pull Force (lb)	Weight (lb)
MST327	Twin Pack 90° & 60°	3-1/4 x 3-3/4 x 5/8	30	0.9

STANDARD MAGNET SQUARES

Holding at multiple angles while soldering, brazing, and welding.

- Center hole for easy handling.
- Aluminum enclosed for easier cleaning.



PN	Max. Pull Force (lb)	Dimension (in)	Weight (lb)
MS346B	65	3-5/32 x 3 x 13/16	0.9
MS346C	85	4-3/8 x 3-3/4 x 7/8	1.8
MS45	65	4-3/8 x 3-3/4 x 3/4	1.0
MS60	55	4-3/8 x 3-3/4 x 3/4	1.0

MINI MAGNET SQUARES

Just 2-5/16" height low profile magnet squares hold stock at 30°/60°, 45°, 90°. Use as many as needed for light duty holding of stock in tight, hard to reach areas. Full aluminum rim enclosure for easy cleaning.

- **Angles:** 30°, 60°, 45°, 90°
- **Dimension (each):** 2-5/16 x 2 x 5/8"
- **Maximum Pull Force (each):** 25 lb



PN	Package	Weight (lb)
MS346AK	6-Pack	1.7

XYZ MINI MAGNET SQUARES

Unique Magnetic Face Plate features two rare earth disc magnets for 3rd axis holding.

Rotate and **slide** Magnetic Face Plate into position as needed for each unique applications.

Use the face plate as an edge guide when joining square tubes and sheet metal.

- **Angles:** 30°, 60°, 45°, 90°
- **Max. Pull Force (each):** 25 lb
- **Dimension (each):** 2-5/16 x 2 x 7/8"



The face plate can be slid out of the boundary edges as edge guide.



PN	Package	Weight (lb)
MST348	Twin Pack	0.6

- **2.0 (MET11 and MNT15):** Available with more magnets that are now fully replaceable and provide 3X more magnetic holding force than the original design. Allow you to quickly and easily change out weak or damaged magnets.
- **Magnetic Holding:** Hold tabs and small metal pieces, parallel or perpendicular to your substructure.
- **V-Pads:** MagTabs feature an integrated V-Pad that allows you to magnetically attach to various types of surface shapes; flat, curved, or with varying angles.

* Remove the MagTab bracket to use the Adjustable Magnetic V-Pad for light duty holding of steel plates. See page 16 for details.

3X STRONGER, Better Accuracy



MET11

Knurled knob that offers better grip and comfort when tightening to lock in the tab location.



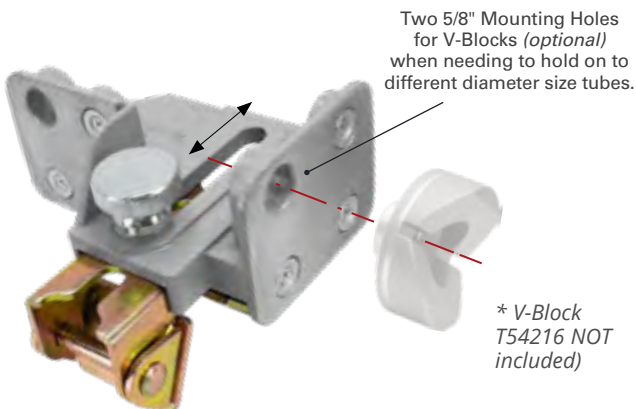
Slot on the MagTab bracket for workpiece alignment.



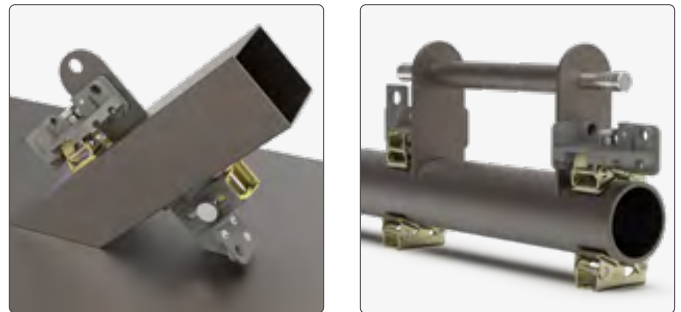
PN	Dimension (in)	Max. Pull Force (lb)	Weight (lb)
MNT15	5.2 x 4.5 x 2.8	80	1.0
MET11	4.5 x 2.6 x 2	44	0.6

*Magnetic force is based on 0.08" flat steel surface.

Designed and build from a single piece of cast aluminum, the MagTab PRO provides solid and sturdy magnetic holding of tabs in larger applications.



* V-Block T54216 NOT included)



PN	Dimension (in)	Max. Pull Force (lb)	Weight (lb)
MNT17	5.2 x 3.9 x 3.4	35	1.8
MPT18	6.4 x 5.3 x 3.5	66	2.1

*Magnetic force is based on 0.4" flat steel surface.

REPLACEMENT MAGNETS

Replaceable Magnets with Flush Mount Screws. Compatible with MagTab 2.0 featuring replaceable magnets.



PN	Descriptions	Weight (lb)
MRP6	Replaceable Magnets for AGK320 and AGK450, 6 pc.	0.1
MRP8	Replacement Magnets for MET11, 4 + 2 pc.	0.1
MRP9	Replacement Magnets for MNT17, 4 + 6 pc.	0.1
MRP13	Replacement Magnets for MPT18, 8 + 6 pc.	0.2
MET16	1x MET11 + 1x MRP8	0.7

V-PAD KITS

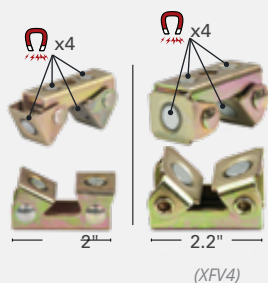
Light duty & tight spot holding! Build, Hold, and Position steel.

Strong rare earth magnets to hold and position round, flat, and square parts in light duty sub-assembly applications!



Magnets on both pad face and the bottom

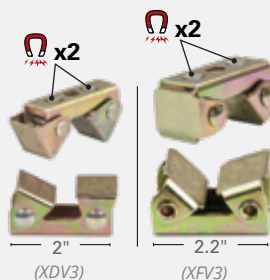
BEST SELLER



(XDV4)
Width: 2"
Max. Pull Force: 12 lb

(XFV4)
Width: 2.2"
Max. Pull Force: 18 lb

Magnets on the flat side (bottom) only



(XDV3)
Max. Pull Force: 6 lb
Comfortably holds Ø1/2" ~ 6" round tubings.

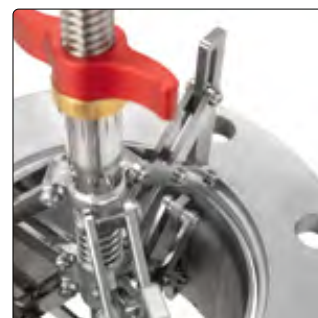
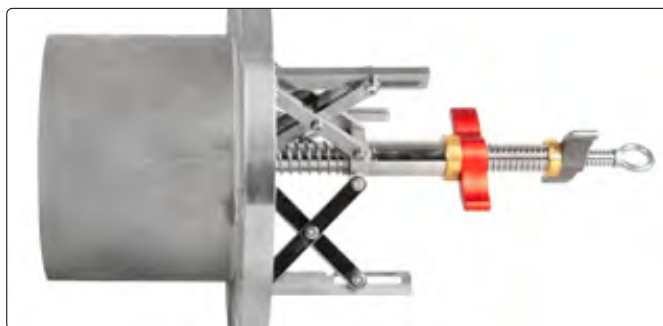
(XFV3)
Max. Pull Force: 9 lb
Comfortably holds Ø1" ~ 8" round tubings.

PN	Kit Contents	Weight (lb)
MVDF44	2 pcs. V-Pads (XDV4) + 2 pcs. V-Pads (XFV4)	0.9

PN	Kit Contents	Weight (lb)
MVDF42	2 pcs. V-Pads (XDV3) + 2 pcs. V-Pads (XFV3)	0.7

"THE SPIDER" INTERNAL PIPE FIT-UP CLAMP

"The Spider" Pipe Fit-Up Clamp: Durable stainless steel construction and precise CNC machining allow for easy and accurate alignment of pipes and flanges. Dual locating legs provide secure anchoring and versatility for various pipe diameters.



PN	Flange (in)	Internal Dia. (in)	Flange Weight Capacity (lb)	OAL (in)	Weight (lb)
CSA480	4 ~ 8	Ø3.26 ~ 8.15	Less than 20	15.6	5.5
CSA812	8 ~ 14	Ø6.7 ~ 12.7	Less than 55	20.2	18

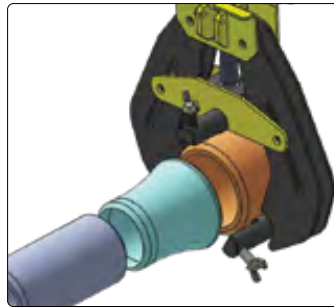
PIPE ALIGNMENT CLAMPS WITH QUICK-ACTING LEVER

The New Pipe Alignment Clamp with Quick-Acting Lever is a fast, accurate fit-up clamp with a rugged frame.

Get a well-balanced hold on the clamp with the two wide Grip Plates while pressing the Quick-Acting Lever. The screw smoothly glides up and down for fast insertion and removal after welding.

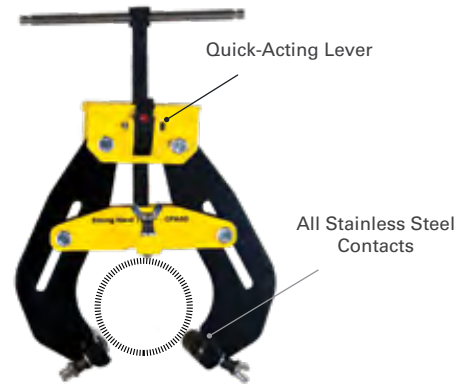


Pipe to Elbow



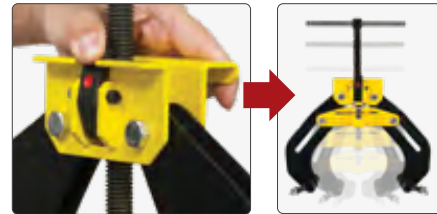
Pipe to Reducer

PN	Pipe Diameter Capacity (in)	Weight (lb)
CPA60	2 ~ 6	11
CPA120	4.5 ~ 12	17



PRESS - SLIDE - SET

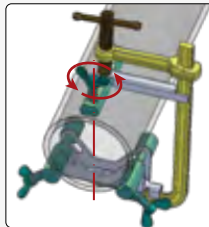
Wide Grip Plates make this Pipe Alignment Clamp easier to handle, with less user fatigue.



PIPE FIT-UP CLAMPS

A compact, light weight, portable clamp for the quick fit-up of round pipes and flanges for butt welding. 50 - 75% lighter than traditional alignment clamp. Easy-to-Use design for the rapid, repeated loading and unloading of workpieces.

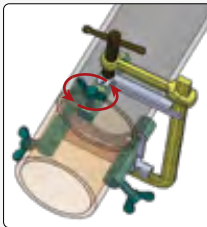
Pre-set clamp opening for fast setup:



Turn three adjustment screws to preset.



Loosen the main clamp arm.



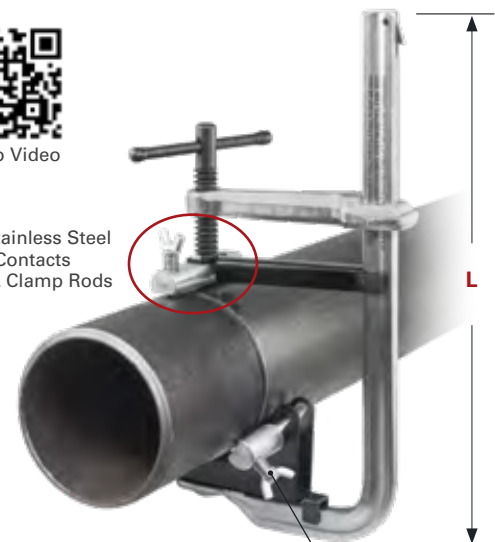
Tighten the main clamp arm.

PN	Pipe Diameter Capacity (in)	L (in)	Weight (lb)
CPL45	2 ~ 4	9.5	2.8
CPL75	4 ~ 5.5	12	4.7



Demo Video

All Stainless Steel Contacts
3.5" L Clamp Rods



Fine Adjustment Screws

"THE PYTHON" PIPE ALIGNMENT CHAIN PLIERS

- **Stainless Steel Contact:** Nickel-plated pliers, chain, and stainless steel screws offer durability and corrosion resistance.
- **Precision Alignment:** Ensures accurate pipe alignment for better welding results.
- **Locking Chain Clamps:** Wraps around irregular or oversized objects, reaching tight spaces for secure clamping.
- **Robust Construction:** Made with high-quality materials for tough fabrication environments.
- **User-Friendly Design:** Simple to use, enabling quick and efficient setup.



PN	Chain Length (in)	Holds Pipes (in)	Weight (lb)
PCA2048	48.0	up to 14.0	3.9

REPLACEMENT CHAINS / CONTACTS



PN	Description	Weight (lb)
PCA2048-R1	Replaceable chains, 48" length	1.4
PCA2048-R2	Replaceable stainless steel contact, set of 4	1.3

LOCKING CHAIN PLIERS

Clamp odd shaped multiple items. Hold two workpieces, or a group of materials securely in place while you weld. Adjust tension with crank handle.

PN	Pliers Length (in)	Chain Length (in)	Loop Dia. (in)	Weight (lb)
PFC724	7	24	up to 6.5	1.5
PFC736	7	36	up to 10.5	1.9
PFC748	7	48	up to 14	2.2
PFC762	7	62	up to 18	3.3
PFC1024	10	24	up to 6.5	1.9
PFC1036	10	36	up to 10.5	2.4
PFC1048	10	48	up to 14	2.8
PFC1072	10	72	up to 22	3.3
PFC10102	10	102	up to 30	3.9



REPLACEABLE CHAINS

Available in five different lengths: 24", 36", 48", 72", and 102".



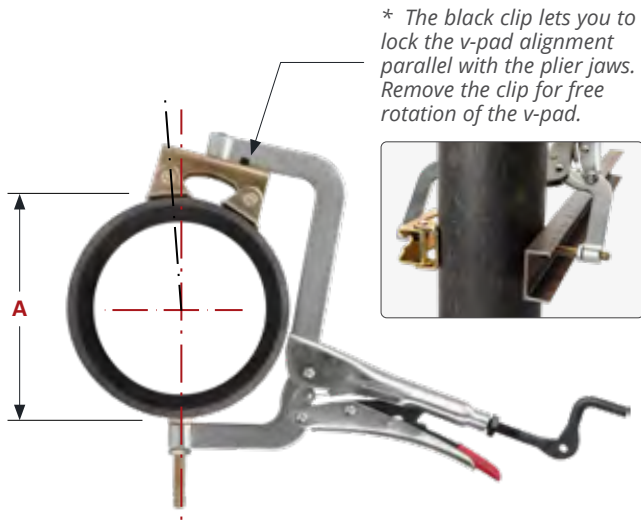
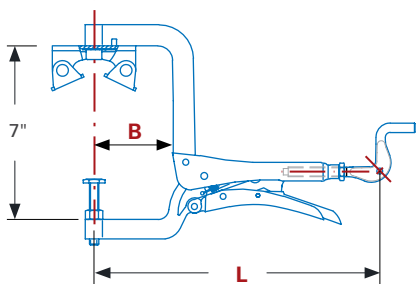
PN	Chain Length (in)	Weight (lb)
PXC24	24	0.7
PXC36	36	1.0
PXC48	48	1.4
PXC72	72	2.1
PXC102	102	2.7

LARGE DIAMETER PIPE PLIERS

The V-Pad holds round, square, or angled stock in different sizes.

V-Pad on top jaw and spindle on the bottom jaw securely clamp the round pipe against a flat surface.

Quick-release trigger and unique crank handle for fast, easy jaw opening and pressure adjustment.



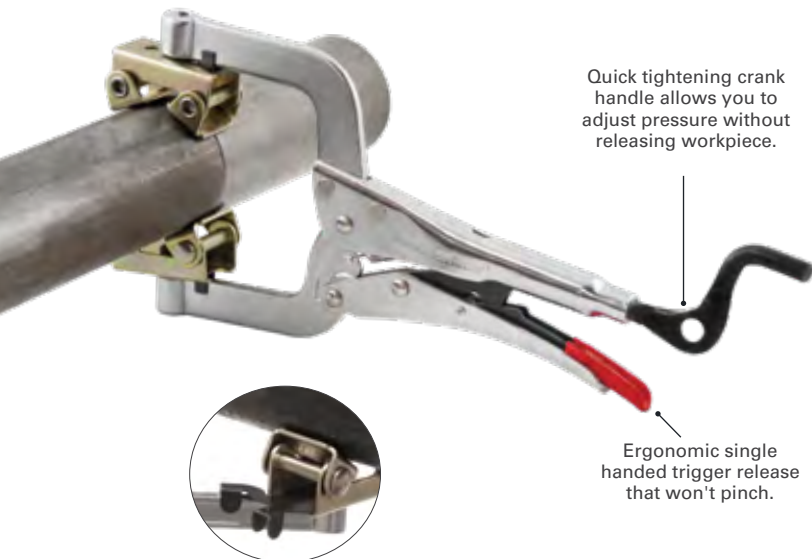
PN	A (in)	B (in)	L (in)	Thread	Weight (lb)
PG1107V	6	3	11.5	M10	2.8

PIPE PLIERS

The convenient way to hold round or square tubes for butt-welding. The V-Pads on the Pipe Pliers adapt to many different shapes and sizes.

- Wide opening allows the Pipe Pliers to hold up to 2-1/2" diameter pipes.
- Two V-Pads provide a better clamping surface.
- Adjustable top spindle for holding pipes of varying sizes.

* Magnetic V-Pads and Stainless Steel V-Pads (Part No. XFVS) also available separately. See stronghandtools.com for details.



0° & 45° angle clip in PG635V allows angled clamping.

PG114V
BEST SELLER

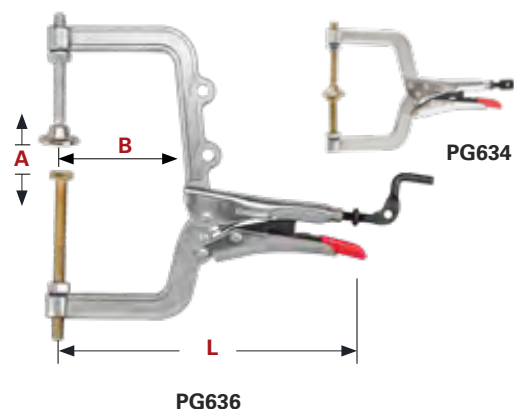


PN	Top V-Pad	Bottom V-Pad	A (in)	B (in)	L (in)	Thread	Weight (lb)
PG622V	Fixed	Fixed	1 - 2	2	6	M8	0.8
PG634V	Fixed	Fixed	2 - 3	3	8.5	M8	1.1
PG635V	Adjustable	Magnetic 0° & 45° rotatable	1.5 - 2.5	3	8.5	M8	1.2
PG114V	Fixed	Fixed	1.5 - 2.5	3.5	11	M10	2.8
PG115V	Adjustable	Fixed	1.5 - 2.5	3.5	11	M10	2.9

MULTI-PURPOSE PLIERS

One swivel pad spindle and a fixed head spindle for flexible clamping. Model PG636 has two threaded jaw holes allow addition of accessories.

PN	A (in)	B (in)	L (in)	Thread	Weight (lb)
PG634	4	3	8-1/2	M8	1
PG636	6	3	8-1/2	M8	1
PG114	4	3-1/2	11	M10	2

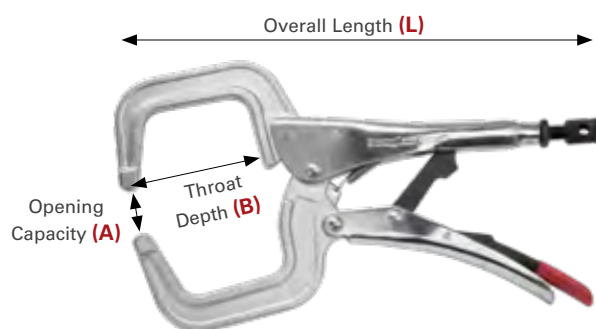


C-CLAMP LOCKING PLIERS

Made of forged, heat treated steel with nickel and chrome plating for strength and durability.

- Secure adjustment bar minimizes pop outs.
- Large adjustment screw with hole for adding torque screwdriver
- Ergonomic single handed trigger release that won't pinch

* Optional Crank Handle See page 23 for details.



Round Tip

PN	A (in)	B (in)	L (in)	Weight (lb)
PR6	2	1-13/16	6-1/2	0.5
PR115	4	3-1/4	11	2.0
PR18	4-1/2	10	18	3.0



Swivel Tip

PN	A (in)	B (in)	L (in)	Weight (lb)
PR6S	1-3/4	1-13/16	6-1/2	0.6
PR115S	4	3-1/4	11	2.2
PR18S	4-1/2	10	18	3.1

ADJUSTABLE / LONG REACH PLIERS

Adjustable Reach Arms, with no-mar rubber pads. Top adjustable spindle with pivoting head and bottom one has fixed head.



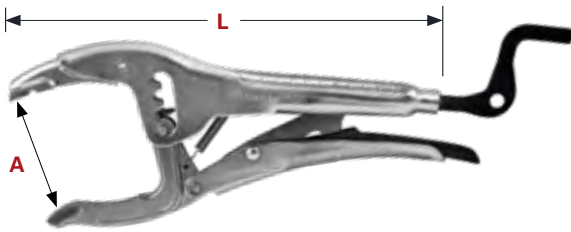
PN	Opening Capacity (in)	Throat Depth (in)	Overall Length (in)	Thread (in)	Weight (lb)
PGA20	4	14, 16, 18, 20	23 - 29	3/8-16	4.8



STRONG GRIP PLIERS

BIG MOUTH PLIERS

Four Adjustment Slots - Large Capacity



PN	A (in)	L (in)	Weight (lb)
PAJ100	1/4 ~ 3	10	1.5

* See page 28 for details of Grounding Big Mouth Pliers - PAJ207.

- Unique crank handle for FAST opening, closing and in-situ pressure adjustment.
- Serrated jaw surfaces for extra gripping power.
- V-Notch on top jaw for holding small parts.
- Long jaw (2-1/2") for extra capacity and greater versatility in workholding.



As small as 1/4"
V-Notch for small parts



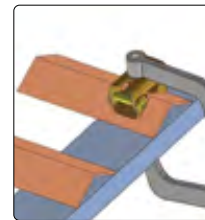
Four Adjustment Slots



Minimal Hand Spread

ECONOMY PIPE PLIERS

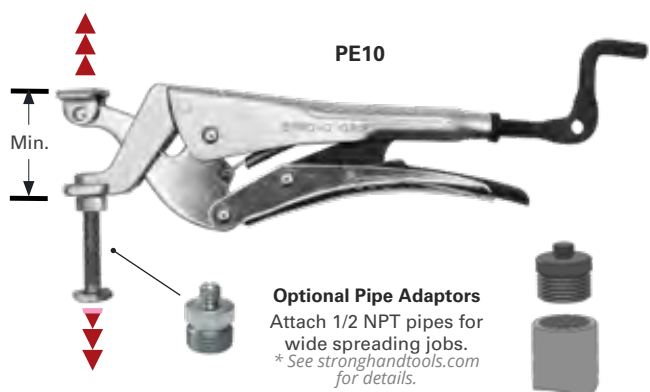
Large Capacity (3")! Holds round, square, flat or angled. The large (1.5" Dia.) swivel pad makes alignment easier!



PN	A (in)	L (in)	Weight (lb)
PVS100	up to 3	14	2.2

EXPAND-O™ PLIERS

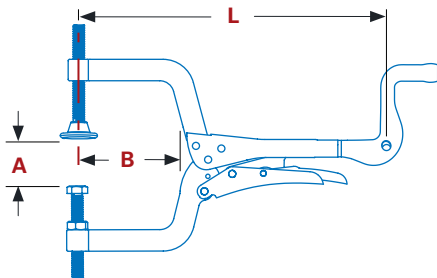
Unique, Reverse-Action Clamping Pliers! Jaws move in opposite directions to push against two surfaces.



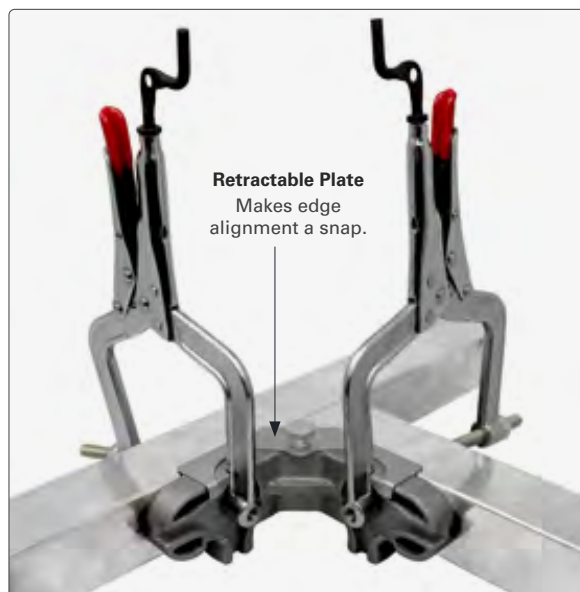
PN	Min. (in)	Max. (in)	C (lb)	Thread (in)	L (in)	Weight (lb)
PE6	1	1-3/4	500	5/16-18	6-1/2	0.5
PE10	1-3/8	2-3/4	900	3/8-16	10	1.8

PT634
The 90° Fixed JointMaster™

- Retractable plate for edge alignment
- V-Grooves for holding round pieces.
- Ideal for holding two pieces of different thicknesses that require individual adjustments.
- Comes with 2 pairs of pliers.

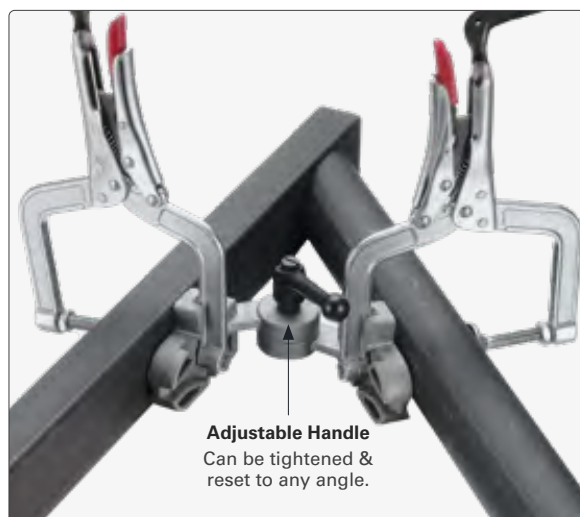


PN	A (in)	B (in)	L (in)	Weight (lb)
PT634	3	3	8-1/2	2.5


PA634
The Adjustable JointMaster™

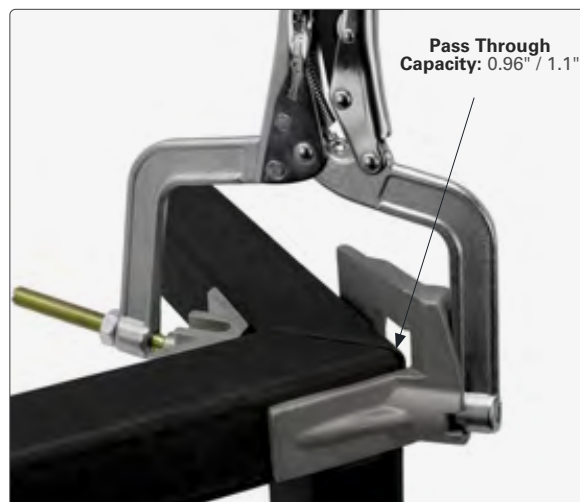
- Adjustable from 30° - 275°.
- Adjust to the desired angle & "lock" into position with the handle.
- Join round & flat workpieces, or materials with different thicknesses.
- Comes with 2 pairs of pliers.

PN	A (in)	B (in)	L (in)	Weight (lb)
PA634	3	3	8-1/2	2.4


PL634
The single-hand JointMaster™

- Ideal for quick hold and release on metal, wood & synthetic materials.
- A "helping hand" to hold stock firmly at right angles.
- Pivoting Head adjusts for varying thicknesses.
- Comes with 1 pair of pliers.

PN	A (in)	B (in)	L (in)	Weight (lb)
PL634	2.17	3	8-1/2	1.1

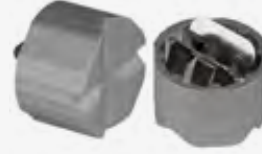




MAGNETIC PLIERS PLUGS, TWIN PACK

- Durable cast aluminum construction
- V-groove design provides greater stability when clamping round pipes
- Sheet metal clip fits securely over round tip locking pliers
- Integrated magnet allows quick and secure attachment to the clamp foot

PN	Description	Weight (lb)
MPP300-2PK	Magnetic V-block plug for round tip pliers, twin pack	0.19



CRANK HANDLES

Add the crank handle accessory to the clamps or pliers to:

- Adjust torque with the pliers in the locked position.
- Pre-set the Pliers opening for repetitious clamping applications.
- Loosen the Pliers before unlocking.



PN	Thread	For Pliers	Weight (lb)
PXCM6	M6	For 5", 6", 8-1/2" Pliers	0.03
PXCM8	M8	For 7", 8", 9" Pliers	0.08
PXCM10	M10	For 10", 11", 12" Pliers	0.18
PXCM12	M12	For 9", 10", 11", 14" Pliers	0.23

T-STRAP BOLTS

For Pliers For Step-Over applications.



PN	Thread (in)	Length (in)	Weight (lb)
840335	5/16-18	2.5	0.2
840435	3/8-16	3.5	0.1

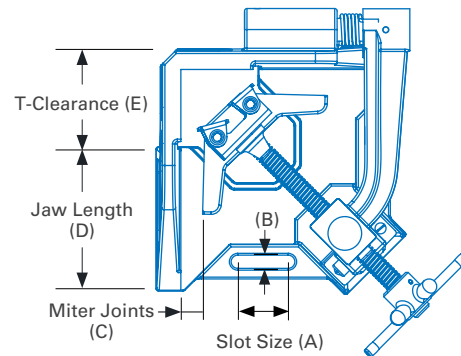
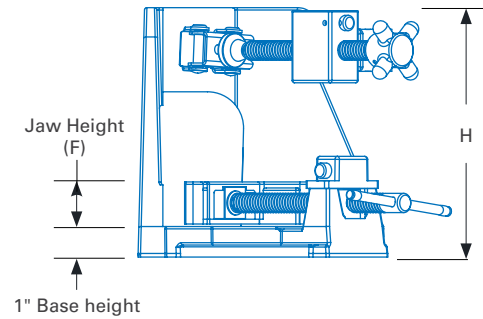
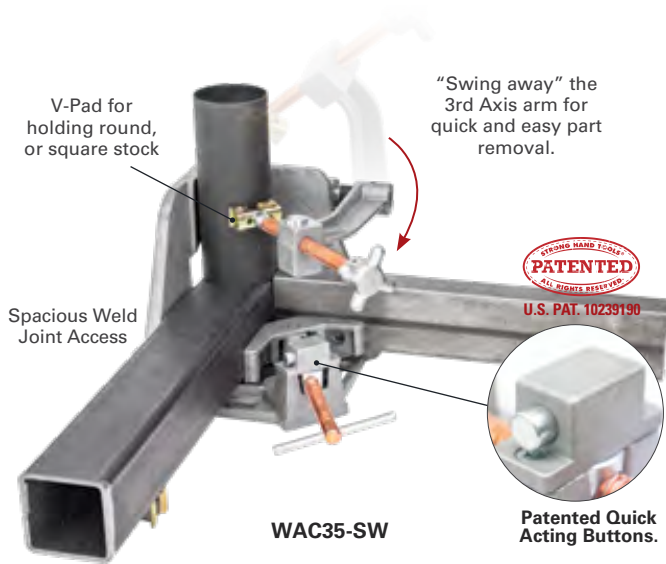
PLIERS REPLACEMENT PARTS



PN	Description	For Pliers	Weight (lb)
PXS11	Spring - 4 per set	11" & 18" Pliers	0.04
PXS6	Spring - 4 per set	6" & 8-1/2" Pliers	0.01
PXB11	Adjustment Bolt	11" Pliers	0.13
PXB6	Adjustment Bolt	6" & 8-1/2" Pliers	0.04

Machined welding fixtures made of ductile cast iron.

- Superb Weld Joint Access on all sides.
- Quick Acting Button for fast adjustment (except Model WAC22 and WAC34).
- Copper Plated Spindle Resists Weld Spatter.



2 Magnetic Rest Blocks (included except models: WAC22 and WAC434) to support and level long stock!



2 Stand-off Bolts (included in all models) for use with angle iron



Pivoting Head



Angle Iron with Stand Off Feature



T-Joints



Machined Outside Faces for upright joint.



PN	2-Axis Vises Features				A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	Weight (lb)
	Quick Acting Button	2x Stand-offs	2x Magnetic Rest Blocks	Machined on Outside Faces							
WAC22		✓		✓	1.4	0.42	2.50	3.1	1.85	1.28	6.0
WAC34		✓			1.6	0.42	3.75	4.2	2.5	1.35	9.5
WAC35D	✓	✓	✓	✓	1.6	0.42	3.75	4.2	2.5	1.35	10.0
WAC45	✓	✓	✓	✓	2.0	0.42	5.00	5.2	4.0	2.45	22.0

3-Axis Vises Features:

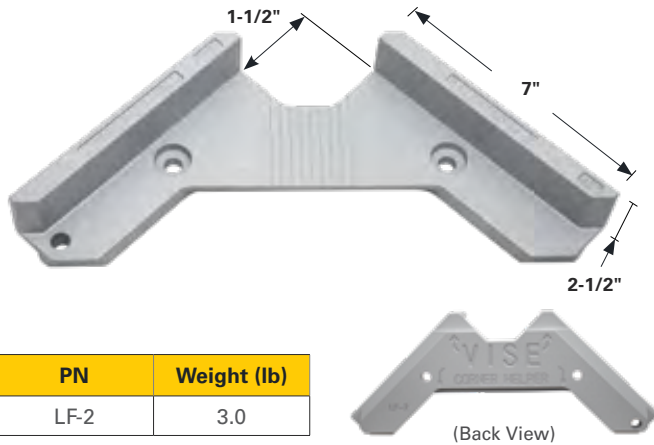
- 2 Quick Acting Buttons
- 2 Stand-off Bolts
- Swing-away Arms
- 2 Magnetic Rest Buttons

PN	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	H (in)	Weight (lb)
WAC35-SW	1.6	0.42	3.75	4.8	2.5	1.38	8.25	24.0
WAC45-SW	2.0	0.42	5.00	5.2	4.0	2.45	9.50	35.0

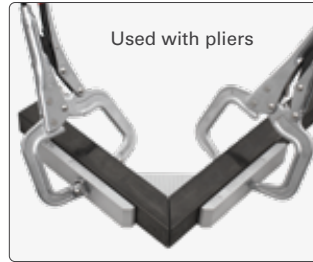


ALUMINUM 90° TRU-ANGL JIG

- Accurate Right Angle Fixture.
- Weld spatter proof aluminum alloy.
- Holds round, square, flat and angled shapes.
- Works on both the outside and inside surfaces.
- Can be held in a vise.



PN	Weight (lb)
LF-2	3.0



PORTABLE MAGVISE™

Light weight, die cast and machined vise is packed with features and perfect for tossing into a tool bag.



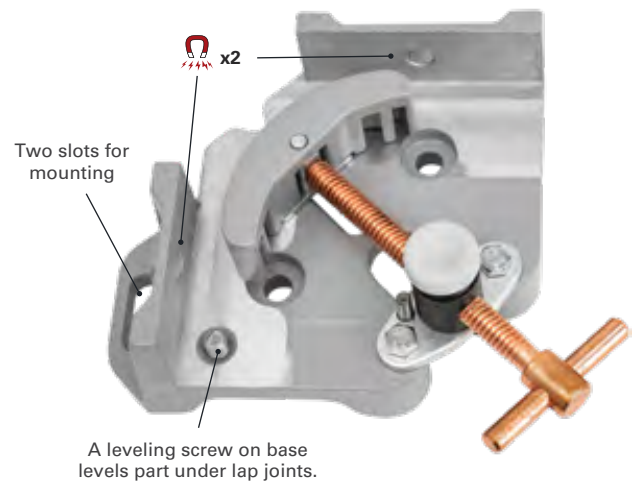
Press and hold the **Quick Acting Button** and the spindle assembly slides in and out for a super fast set-up!



Clamp jaw pivots to accommodate different thickness.



Magnets in the walls instantly hold pipes, tubes, angle iron, or metal plates in position.



Level parts with screw



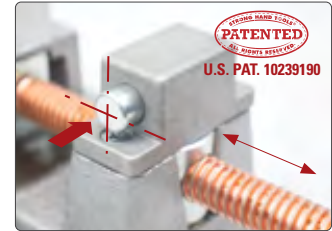
Overlap Joint

PN	Features	Miter Joints (in)	Jaw Length (in)	T-Clearance (in)	Jaw Height (in)	Weight (lb)
WK50	Quick Acting Spindle, Magnets, Pivoting Jaw, Machined 90° Angle	1	3.35	1.2	2	1.7

WELDERS UNIVERSAL VISE

Clamp stock of different thicknesses at multiple angles. Patented Quick Acting Button for FAST setup!

- Clamp round and square tubing.
- Copper plated screws with Quick Acting Buttons for rapid slide-in/out adjustment.
- Release button re-engages threaded screw for final tightening
- Heavy-duty Malleable Cast Iron construction



Press the **Quick Acting Button** to allow the threaded screws to slide in and out for fast setup.

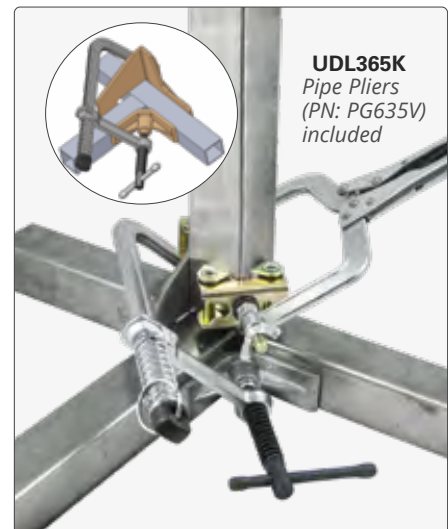
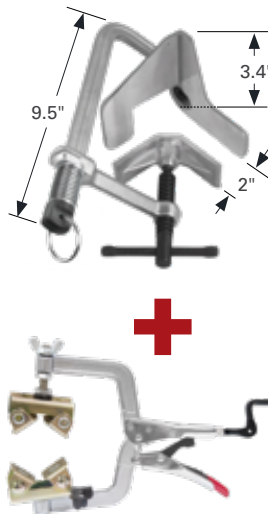
(Release the button to re-engage the threaded screw for tightening.)

PN	Jaw Opening (in)	Jaw Height (in)	Material	Weight (lb)
WAS100	4	1-3/8	Malleable Cast Iron	8.5

PORTABLE 3-AXIS CLAMP KIT

Ideal for 3-axis tube and pipe positioning, Tack welding setup, Frame and structural fabrication, Field and portable use.

- **3-Axis Alignment:** Positions and holds intersecting tube and pipe accurately.
- **Fast Setup:** Spring-loaded L-clamp for quick, intuitive positioning.
- **Clear Work Area:** Wide clamp opening allows unobstructed torch access.
- **Secure Grip:** Pipe pliers hold 1.5"–2.5" round stock firmly.
- **Compact & Portable:** 8.5" pliers; complete kit weighs just 3 lb.
- **Jobsite Ready:** Ideal alternative to bulky fixturing tables.



PN	Kit includes	Weight (lb)
UDL365K	1x UDL365 Spring Loaded L-Clamp with 3-Axis Bracket 1x PG635V Pipe Pliers, 8.5" L, 1.5" – 2.5" capacity	3

MAGNETIC GROUNDING SPRING CLAMP

- **Height Adjustable:** 6" to 10" range
- **Magnetic Base:** Dual magnets for stable positioning
- **Spring Clamp:** Quick, secure grip with adjustable force
- **Adjustable Tension & Height:** Spring locking mechanism
- **360° Rotation:** Flexible positioning
- **Push Clamp Mode:** Flips for push applications
- **Detachable Clamp:** Use independently
- **Copper Contact Pad:** U-shaped pad for grounding

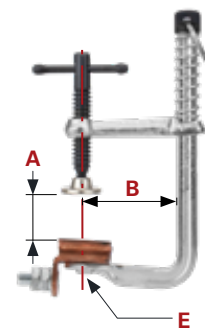
PN	Dimensions (in)	Weight (lb)
MTHG200	10.5 x 5.2 x 2.2	3.2



GROUNDING CLAMP

Clamping + Grounding at the same time.

Consistently rated at 300 AMPS. Solid, insulated copper U-Channel rotates for easy access and can attach to round / odd-shaped parts.



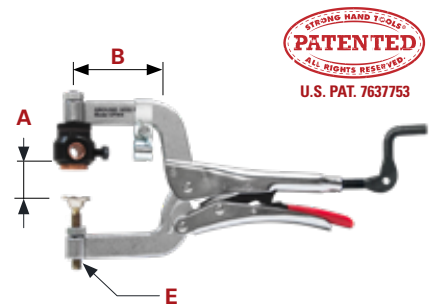
PN	Amperage / Cable Size	A (in)	B (in)	C (lb)	E	L (in)	Weight (lb)
GB428	300A / --	3	2-1/2	220	1/4-20	7	0.8

GROUND HOG™ PLIERS

Insulated Grounding Contact

The groove design on the copperhead seals out weld spatter and reduces particle buildup. Side screw provides a secure cable connection. Ground Hog body rotates for cable positioning.

- Controls the electrical current by isolating the contact surface and the cable connection.
- Improve arc stability and cable life, and reduce power consumption.



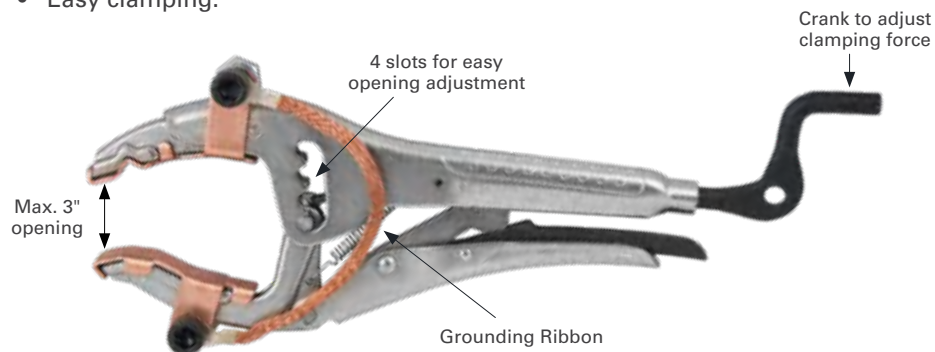
PN	Amperage / Cable Size	A (in)	B (in)	C (lb)	E	L (in)	Weight (lb)
GP950	450A / 2/0	2-1/2	3-1/2	400	M10	11	2.4

BIG MOUNT PLIERS W/ COPPER GROUNDING

Large copper contact and opening. Best grounding pliers in the market!

Clamp + Ground thick, thin, and round parts with tight pressure for good contact.
Grounding ribbon connects top & bottom jaws.

- Large copper contact, and high clamping force for secure and safe clamping.
- Large range of opening and shape.
- Easy clamping.



PN	A (in)	B (in)	L (in)	Weight (lb)
PAJ207	1/4 ~ 3	2-1/2	10	2.2

* See page 21 for details of standard Big Mount Pliers - PAJ100.



GROUND HOG™ UNIT REPLACEMENTS

Replacement units for Ground Hog™ grounding pliers and large diameter pipe grounding clamps. Designed with a large copper contact for full current transfer, delivering a smooth, consistent arc with reduced heat and improved cable life.

PN	Replacement for	Amperage / Cable Size	Thread x Length (in)	Weight (lb)
GC5010	GP950	450A / 2/0	M10 x 1.8	0.5
GC5310	GP950	530A / 3/0	M10 x 1.8	0.5
GC512	GUG970 & 1370	530A / 3/0	3/8-16 x 0.71	0.5



COPPER SLEEVE REPLACEMENTS

2 pieces per package.

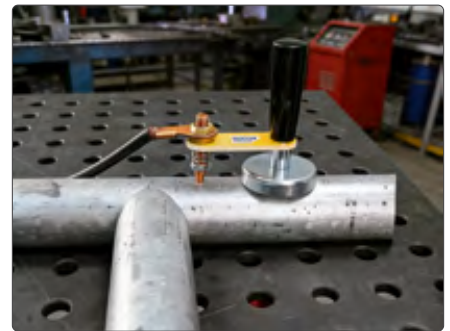
PN	For Unite	Inner Dia. (in)	Height (in)	Weight (lb)
GXF504	GCC5010	0.4	1.3	0.02
GXF514	GC512, GC5310	0.5	1.3	0.02



HIGH-TEMP MAGNETIC SPRING GROUND CLAMP

This portable magnetic clamp lets you establish a secure ground point anywhere, just attach, connect, and weld. Speed up your grounding setup with a fast, damage-free solution for any jobsite.

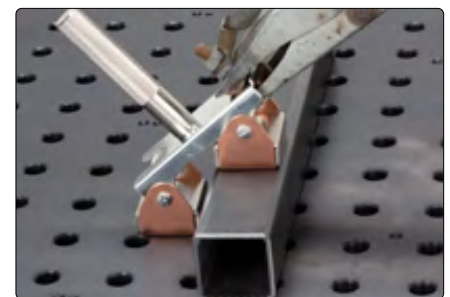
- **Fast, no-hassle setup:** Attach anywhere, connect your ground lead, and weld.
- **Strong magnetic hold (60 lb):** Secure on flat or curved metal surfaces.
- **High-temp resistant:** Up to 300 °C (short-term) / 180 °C (continuous).
- **Paint-safe, versatile use:** Ideal for car bodies, rails, poles, and tables.
- **Durable copper contact:** Insulated construction for stable conductivity.
- **Adapts to uneven surfaces:** Spring-loaded contacts maintain a tight ground.



PN	Amperage	Max. Overall Width (in)	Height (in)	Magnet Diameter (in)	Weight (lb)
GMS300	300 A	4.3	4.8	2.5	0.88

HI-TEMP GROUNDING V-PAD

- **Pure Copper Surface:** Excellent conductivity
- **Aluminum Handle:** Nickel-plated for durability
- **Multiple Ground Connections:** Flexible hookup options
- **Versatile Use:** Flat, round, and irregular surfaces
- **Dual Purpose:** Grounding and fixture support



PN	Rated Current	Dimension (in)	Max Tolerable Temperature	Magnetic Force (lb)	Weight (lb)
GMV300	500A	6.5 x 5 x 2	390°F	20	1.4

POWERBASE™ GROUNDING MAGNETS

The PowerBase™ Grounding Magnet sets up quickly and easily, delivering powerful rare earth magnetic holding force with superior conductivity via a copper connector stud. Available in two amperage ratings to suit light fabrication through heavy industrial welding.

- **Powerful rare earth magnet:** delivers heavy-duty holding force
- **Copper connector stud:** allows for better conductivity than steel alternatives
- **"V" machined surface:** grips round parts securely without slipping
- **ON/OFF lever:** easy to turn even while wearing welding gloves
- **Compact low-profile design:** attaches directly to workpiece
- **Two models:** 300A (44 lb hold) and 500A (110 lb hold) at 60% duty cycle



The "V" machined surface grips round parts.



Large copper connector for better conductivity.



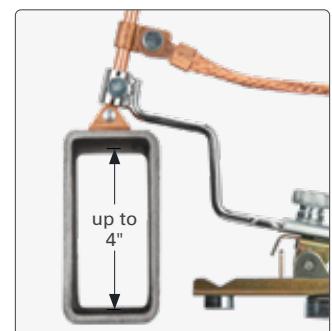
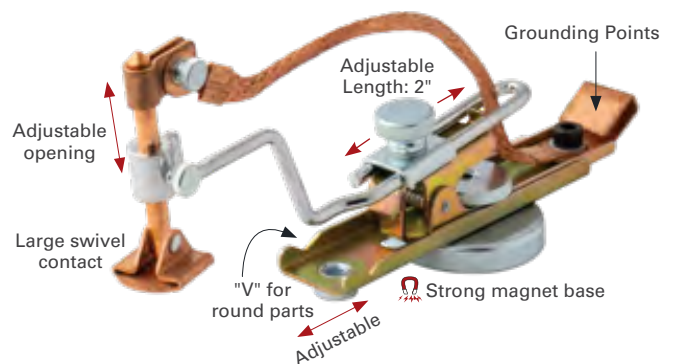
The ON/OFF Lever is easy to turn, even while wearing gloves.

PN	Amperage	Dimension (in)	Thread	Magnetic Force (lb)	Weight (lb)
GM203	300A @ 60% Duty Cycle	2 x 2 x 1.4	M10 x 1.5	44	1.2
GM205	500A @ 60% Duty Cycle	2 x 2.75 x 1.4	M12 x 1.75	110	2.4

MAGNETIC GROUNDING GRASSHOPPER

Versatile magnetic base with integrated spring clamp for grounding, holding, and fixturing.

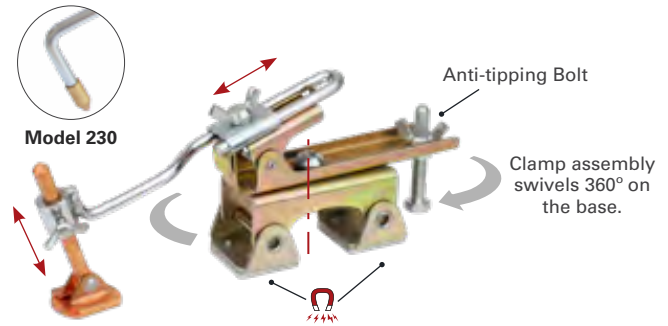
- **Hold Down & Grounding:** Strong magnetic base with spring clamp secures components; long handle for easy release
- **Adjustable Fixturing:** Rotating, adjustable clamp for repeatable positioning of small parts
- **Copper Connection:** All-copper contact for reliable conductivity
- **Multi-Use Clamp:** Sliding support bar allows use as a light clamp for pipes up to 3" diameter and non-magnetic materials



PN	Amperage	Max. Overall Length (in)	Width x Height (in)	Weight (lb)
MGC150	250 A @ 60%	12	2-5/8 x 3-3/8	1.9

MAGNETIC GRASSHOPPERS

- **Spring-loaded arm:** self-adjusts for repetitious workholding.
- **Adjustable Copper Spindles (Model 270):** are ideal grounding contact while Brass Contacts for stainless steel jobs. Pinpoint holding provides maximum clearance for tack welds.
- **Adjustable V-Pad Base adapts to:** round, square, flat, and angled surfaces.
- **Anti-tipping Bolt:** provides stability.

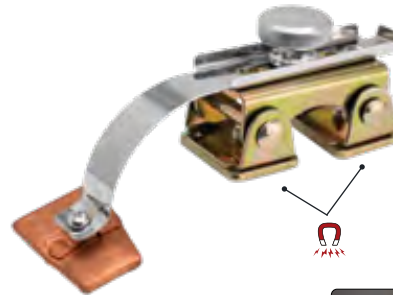


DELUXE Model - AGH270

PN	Feature	Magnetic V-Pad Base	Anti-tipping Bolt	Max. Overall Length (in)	Width x Height (in)	Weight (lb)
AGH270	Copper Spindle	√	√	10	4 x 4.5	1.7
AGH230	Brass Contact	√	√	9.2	4 x 4	1.4

HOLE PLUG MAGNET

- Fast and easy hands free tool for plug welds.
- Pivoting magnetic base adapts to curved steel panels.
- Copper backing pad prevents weld from sticking to the tool.



PN	Description	Dimension (in)	Weight (lb)
AGK320	Hole Plug Magnet	5.5 x 1.6 x 1.8	0.4
AGK450	Hole Plug Magnet, Large	8.9 x 2.1 x 3.7	1.2



REPLACEMENT COPPER PAD

Designed specifically for use with the magnetic plug weld tool AGK320, this durable copper pad provides a clean, non-stick surface that prevents weld spatter from adhering to the tool.

PN	Description	Weight (lb)
AGK320-CP	Copper Pad Replacement for AGK320	0.07



ARTICULATED ARM REST

- **Articulated Arm Rest:** Fully adjustable for extended arm support.
- **Enhanced Control:** Steadies your hand for precise welding and reduced fatigue.
- **Flexible Positioning:** Height-adjustable 2-section arm with 360° rotating cup.
- **Quick Swivel:** Easily reaches precise locations.
- **Magnetic Base:** Anti-tipping, levelable on any steel surface.



Demo Video



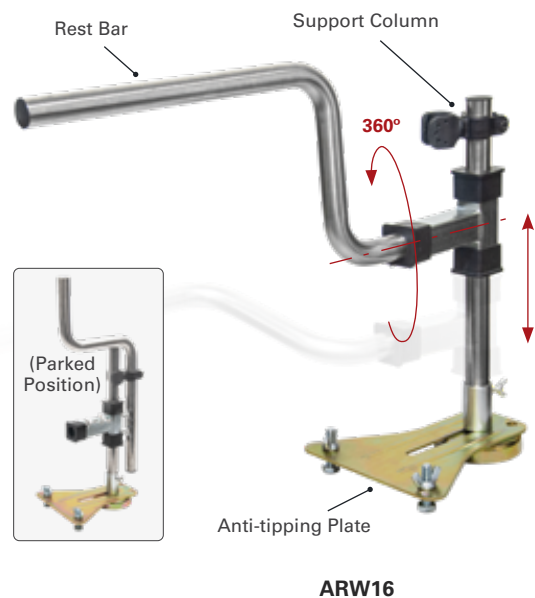
PN	Overall Height (in)	Articulated Arm Height Range (in)	Articulated Arm Reach (in)	Weight (lb)
ARA18	15	6 ~ 15	0 ~ 12.5	4.9

ADJUSTABLE WRIST REST

- **Adjustable Wrist Rest:** Solid steel construction for durability and stability.
- **Smooth Torch Movement:** Glide your MIG or TIG torch along the 11" stainless steel rest bar.
- **Height Adjustable:** Slides up or down the support column for precise positioning.
- **Magnetic Base:** Anti-tipping, levelable on any steel surface.
- **Space-Saving Storage:** Rest bar detaches for vertical docking.
- **Steadies Your Wrist:** Improves accuracy and reduces fatigue.



Demo Video



PN	Overall Height (in)	Rest Bar Height Range (in)	Rest Bar Length (in)	Weight (lb)
ARW16	18.5	0 ~ 18.5	11	5.8

TIG TORCH REST

- **Fixed Height:** Securely attach to any steel surface for safe torch and cable holding.
- **Adjustable Cable Hanger:** Keeps cable controlled for safety and easy handling.
- **Protects Your Torch:** Prevents damage and maintains a clean, organized workspace.

PN	Height (in)	Weight (lb)
MRT100	7.5	1.9

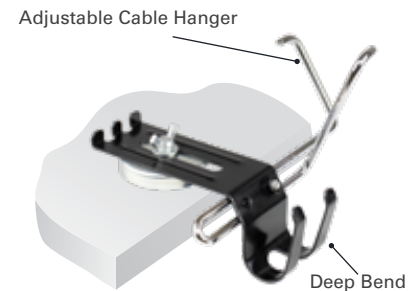


MRT100

TABLE EDGE TIG REST

The most space-saving model in the ReadyRest™ line!

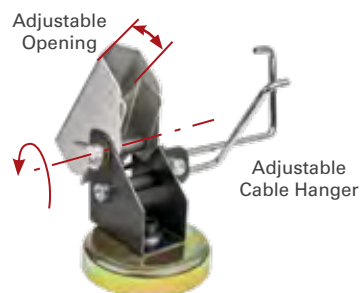
When every inch of space on your work surface is utilized, the Table Edge Torch Rest holds your torch at the table edge, out-of-the-way, yet easy to access quickly.



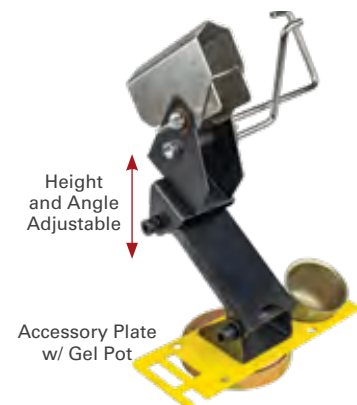
PN	Description	Height (in)	Weight (lb)
MRT50	Table Edge Mount TIG Torch Rest with Cable Hanger	5.5	1.2

UNIVERSAL RESTS

- **Universal Rests:** One size fits MIG, TIG, or Electrode holders.
- **Adjustable & Secure:** Angle-adjustable stainless steel housing with keeper plate.
- **Convenient Storage:** Holds torches / electrode holders safely for easy access and protection.



MRD80



MRD90

PN	Height and Angle Adjustment	Universal Rest includes	Height (in)	Weight (lb)
MRD80	Fixed	Cable Hanger	6	2.5
MRD90	Adjustable	Cable Hanger & Accessory Plate	7 ~ 12	3.9

GRINDER RESTS

Store your Grinder and all accessories on one convenient, compact, portable rest for easy access. The Grinder Rest holds most 5" Grinders. No more searching for wrenches or spare discs!

MAGNETIC BASE MODEL



Super strong magnetic base mounts securely to any steel surface.



Store Wrench



Hold Disc



Cable Wrap Hook

C-CLAMP BASE MODEL



Adaptor Plate

Includes Adaptor Plate for table leg and beneath table edge mounting!



PN	Description	Weight (lb)
MGH4510	Magnetic base model	2.4
MGK55	C-Clamp base model w/ two Adaptor Plates, compatible with Rhino Cart mounting	2.8

MIG TORCH RESTS

MRM100 is Basic Model includes Adjustable Cable Hanger, Angled anti-spatter Gel Pot and two Pliers parking slots (MIG Pliers sold separately)

MRM200 is Height and Angle Adjustable.

MRM300 is Deluxe Model includes Park N' Snip feature.



* Pliers, Torches and Grinders shown are not included.



Cut your MIG wire to the ideal length without taking off your gloves!

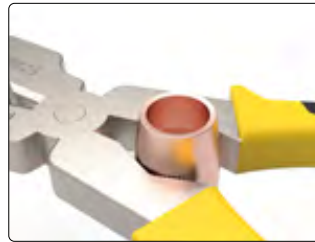
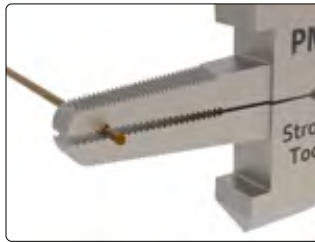
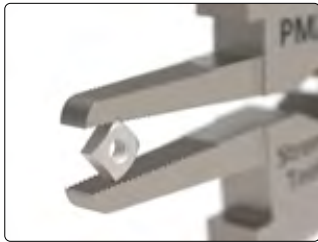
Get a precise cut every time, without guesswork. Insert your MIG Pliers through the two slots, rest your nozzle on the parking plate, and snip. Now you can easily trim the wire to the ideal length for better weld control.

PN	Height and Angle Adjustment	MIG Torch Rest includes	Height (in)	Weight (lb)
MRM100	Fixed	Cable Hanger & Accessory Plate	6	2.1
MRM200	Adjustable	Cable Hanger & Accessory Plate	7 ~ 12	3.5
MRM300	Adjustable	Cable Hanger & Deluxe "Park N' Snip" Accessory Plate	7 ~ 12	4

MIG PLIERS

PM08 is spring-loaded for one-handed usage and has vinyl-coated handles for secure gripping, and a hammer for light welding gun maintenance.

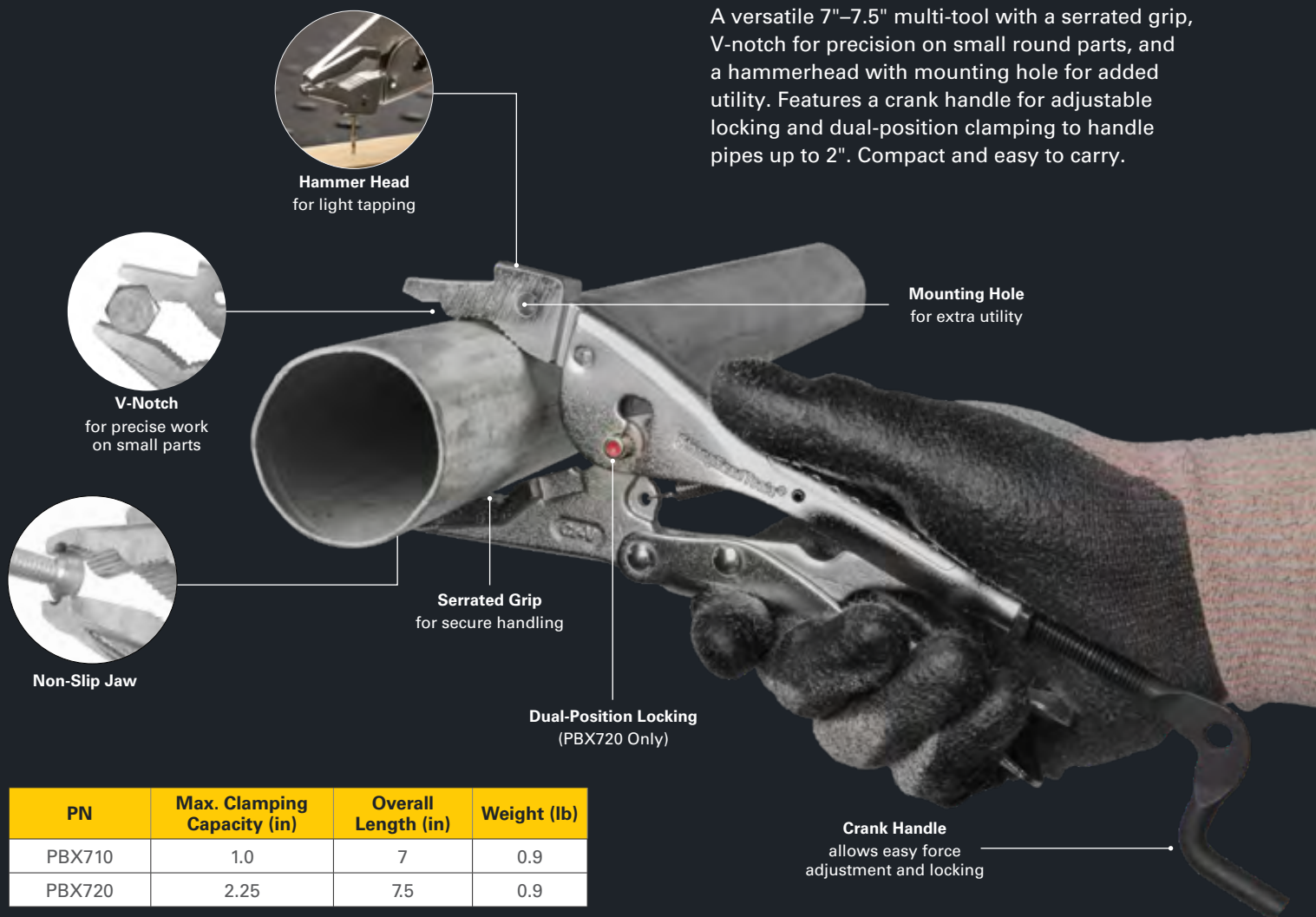
PM12 includes a fine/coarse file, flat/rounded hammer, V-Notch for wire/nuts, a comfortable grip, and a retention chain that attaches to MIG Gun Holders.



PM25 pliers feature a slag-hammer chipper side for eliminating welding leftovers, a flat hammer with a scraper edge for fast spatter removal, and an induction-hardened cutting edge, chipper edge, and scraper edge.

PN	Overall Length (in)	Files	V-Notch	Hammer	Retention Chain	Weight (lb)
PM25	8.5	Fine & Coarse File	√	Flat face and chipper side	√	0.9
PM12	8.5	Fine & Coarse File	√	Flat and rounded face	√	0.8
PM08	8.5	Coarse File	-	Rounded face	-	0.6

A versatile 7"-7.5" multi-tool with a serrated grip, V-notch for precision on small round parts, and a hammerhead with mounting hole for added utility. Features a crank handle for adjustable locking and dual-position clamping to handle pipes up to 2". Compact and easy to carry.



PN	Max. Clamping Capacity (in)	Overall Length (in)	Weight (lb)
PBX710	1.0	7	0.9
PBX720	2.25	7.5	0.9

EXTRACTOR - SCREW PLIERS

The Extractor is a 7" precision multi-tool with a 10 mm piranha-style nose, wire cutter, and fine file. Ergonomic handles, and a hidden nano blade make it compact, capable, and always within reach.

PN	Description	Weight (lb)
PBX600	Extractor Screw Pliers, 7" Long	0.5



ADJUSTABLE PLIERS W/SPRING

Forged for strength with a slim profile, these pliers feature hardened teeth for a secure grip, a return spring for quick jaw action, and a phosphated finish for corrosion resistance. Dipped handles provide a comfortable, non-slip grip.

PN	Max. Clamping Capacity (in)	Dimensions (in)	Weight (lb)
PBX500	1.5	7 x 1.8 x 0.5	0.4



TIG FEEDERS

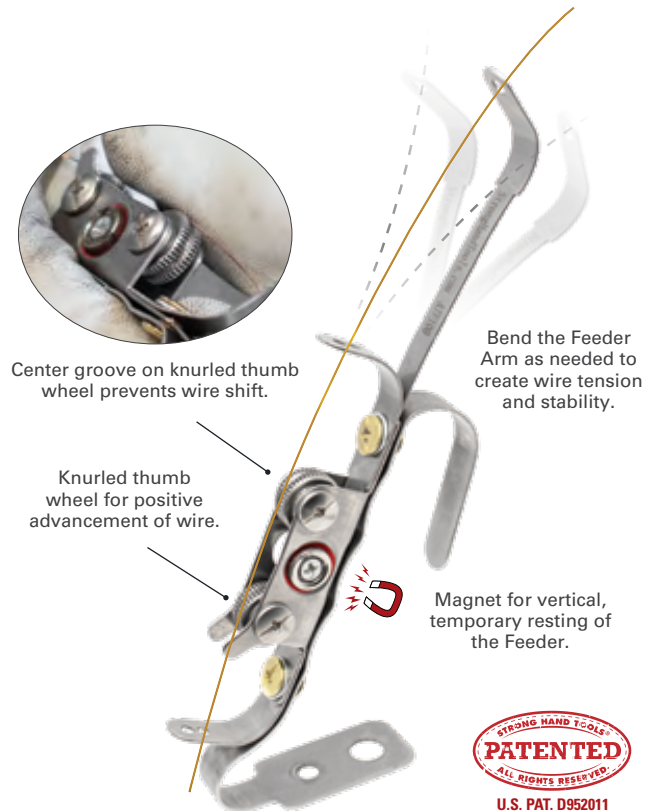
Smoothly feed TIG wire for total control and accuracy, at the ideal distance, for higher quality welding, even with gloves on! Minimize filler wire waste.

- Compact, lightweight Feeder rests securely, comfortably in your hand.
- Easily customizable to set wire tension and control.
- Reduce fatigue to help prevent carpal tunnel syndrome.
- Stainless Steel.



Lightweight Feeder rests securely, comfortably in your hand.

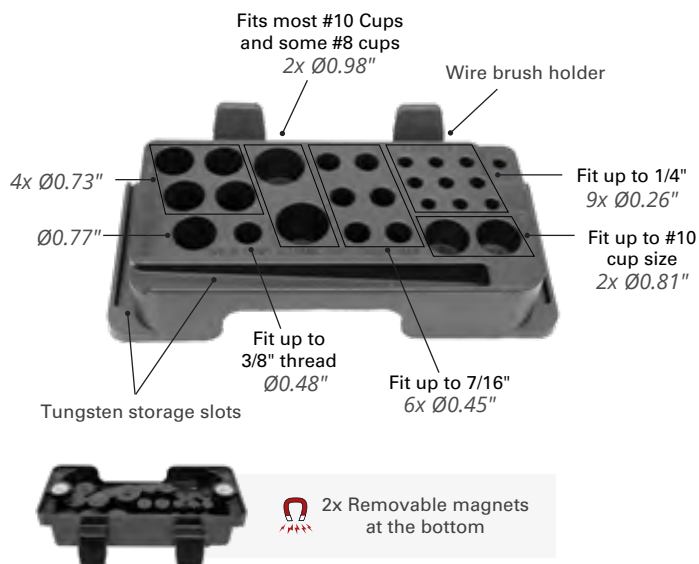
PN	Dimension (in)	Weight (lb)
ATF100	7.0 x 3.0 x 0.8	0.15



TIG PART ORGANIZER

Store your most frequently used TIG Accessories on the 9" x 5" x 2" TIG Part Organizer for easy access.

A total of 25 cavities hold back caps, ceramic cups, glass cups, collets, and collet bodies.

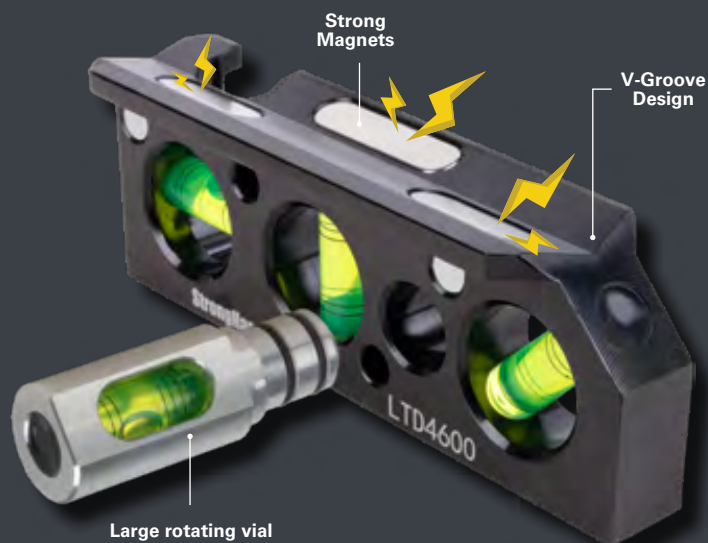
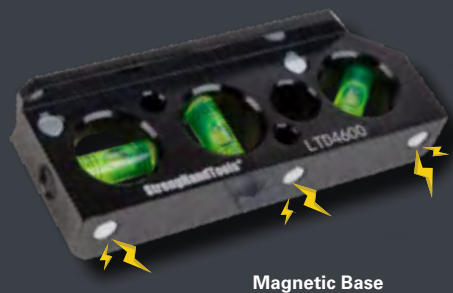


Slotted base for space-saving use with the ReadyRest TIG Rest, PN MRT100 [sold separately]

PN	Description	Weight (lb)
ATT180	TIG Part Organizer	0.65

3-Axis Magnetic Level with EZ-View Vials

- Extended guided edge for fast, repeatable alignment
- Large rotating vial for easy angle setup
- EZ-View vials for clear visibility from any angle
- Simultaneous X-Y axis viewing to reduce setup time



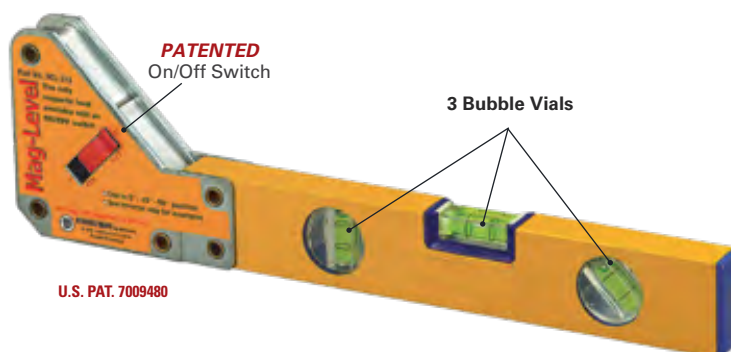
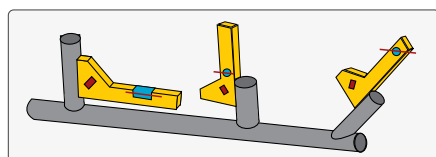
PN	Dimensions (in)	Weight (lb)
LTD4600	6 x 1.4 x 2.2	0.9

MAG-LEVEL

The only magnetic level with the On/Off switch.

Holds securely to round & flat surfaces.

Three vials for 0°, 45°, 90° reading.



PN	Angles	Dimension (in)	Max. Pull Force (lb)	Weight (lb)
MSL-316	45°, 90°, 180°	4 x 16 x 1	70	2.0

THE THIRD HANDS

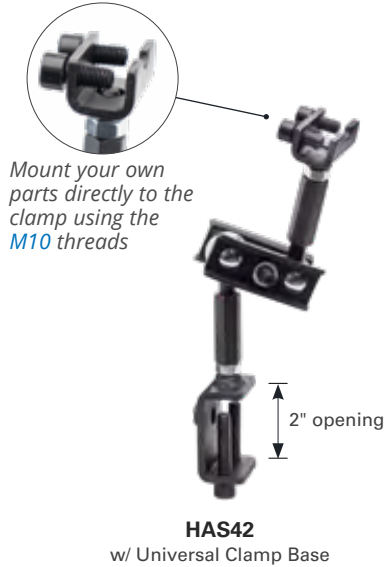
THE THIRD HAND MODULAR CLAMPS

"Third Hand" positions your workpiece at any angle for full weld access. Use your THIRD HAND to elevate and firmly hold stock at the ideal angle and height while you weld, cut, sand or paint.

Securely hold stock at any position with ball joint adjustment and locking.

- Universal clamp base mounts on flat or square surfaces (up to 2" thick), angle iron, and 1" round posts.
- 0.75" opening Slotted Adaptor Head accepts Pliers or Clamps to hold round, flat, square or angled stock. Two screws securely hold parts or clamps in position.

PN	Weight (lb)
HAS42	2.5



SNAKE MAGNETS

The Third Hand - Holds, Bends, Twists

The Snake Magnet gives you the flexibility to hold stock at odd angles.

MFC312 has two magnetic V-Pads that are adjustable for different shapes: round, flat, angle metal surfaces. Spring Clamp (included) can be used as the third hand to hold tools.



PN	Description	Weight (lb)
MFC312	12" flex cable, 1 clamp, 2 Adjustable Magnetic V-pads	1.0

MAGHOLD™ EXTENDABLE ARM

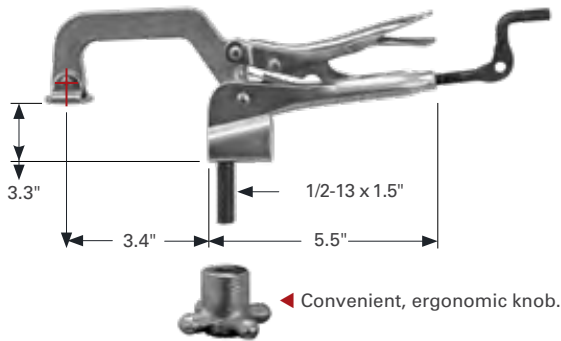
Extendable arm with magnetic pads on both ends for a secure hold on ferrous surfaces, turning any space into a flexible workspace.

- **Quick Adjustment:** 3" slot and cam bolts for fast, secure locking.
- **Smooth Pivoting:** Three cam bolts allow precise positioning.
- **Extendable Reach:** Adjusts from 8" to 11" with central pivot joint.



PN	Max. Pull Force (lb)	Break-away Force (lb)	Weight (lb)
MDP200	40 (ea.)	6 (ea.)	2.5

DRILL PRESS CLAMP



Quickly locks and releases make them ideal for repetitious clamping. Secure the Drill Press Clamp to any surface, up to 1" thick.

PN	Weight (lb)
PTTD634	1.9

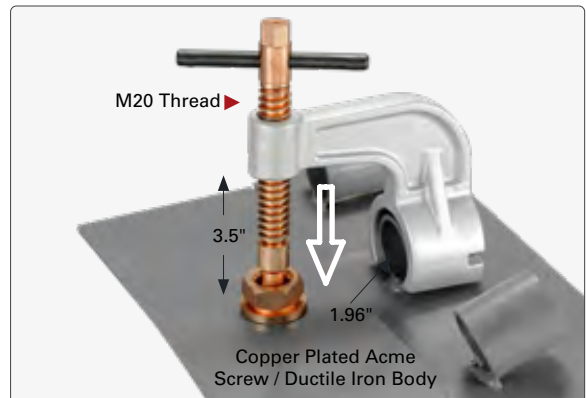


HALF CLAMP

Align materials quickly, safely, and precisely without the mess or hassle of DOG & WEDGE or cut-off C-Clamp methods. Slide it onto a tack-welded 1-7/8" pipe coupon, turn the handle, and draw plate edges together precisely and safely. The rear slot lets you break off the coupon cleanly



PN	Weight (lb)
VHC15	4.9



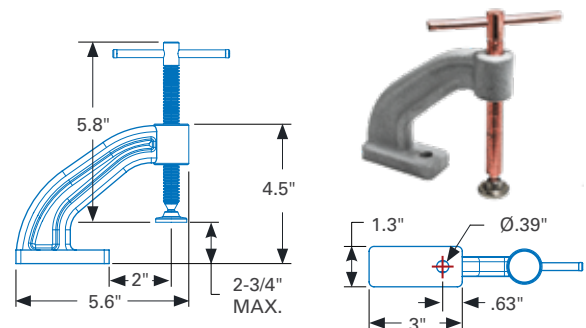
HOLD DOWN CLAMP

Bolt the clamp down to your worktable using the 3/8" hole in the base.

- The 1/2" copper plated Acme spindle resists weld spatter, and the swivel tip makes quick contact with your workpiece.
- Hold pipes by adding our Clip-On V-Pad (XDA2).



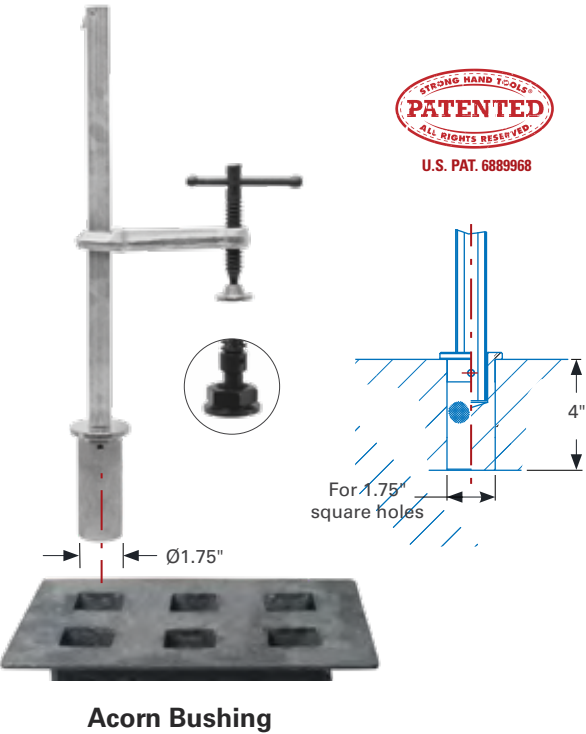
PN	Weight (lb)
VHD30	2.0



MODULAR PLATEN CLAMPS

For fast, secure clamping, simply insert the clamp into the 1-3/4" square hole in your acorn platen. Slide the clamp arm down to the work piece and turn the T-Handle to tighten.

Clamp comes with standard or heavy duty Swivel Pads.



Compatible with clamp accessories such as Sidekick and Top V-Pad.



PN	Rail Size	Pad	Opening Capacity (in)	Throat (in)	Weight (lb)
UF12NA	"F"	Standard	12	4-3/4	5.4
UM12NA	"M"	HD	12	5-1/2	8.0
UM16NA	"M"	HD	16	5-1/2	8.8
UM20NA	"M"	HD	20	5-1/2	9.6



Please check our website BuildProTables.com for more table clamps and pliers information.

For heavy duty models clamps and pliers on Alpha28 tables, please visit Alpha28Tables.com

T-POST CLAMPS

INSERTA CLAMPS

INSERTA PLIERS

Shop Equipment and Organization

We are excited to expand our offerings outside of the clamping and hand tool space to create a new Shop Equipment and Organization category to further our mission of helping fabricators work more comfortably and efficiently.



MAGNETIC PIPE & FLANGE ALIGNMENT KIT

- Fast, glove-friendly setup, no screws or threading
- Strong magnets instantly secure to ferrous surfaces
- Built-in bubble vial and protractor for accurate leveling and angle marking
- CNC-machined aluminum for durability
- Fits a wide range of pipe and flange sizes
- MAPCH300 includes MPCH250 Centering Head + MAP200 Alignment Pin and a protective hard case for easy transport



MAP200

MPCH250



PN	Description	Fit Flange/Pipes (in)	Dimensions (in)	Weight (lb)
MAPCH300	Combo Kit: 1x Magnetic Pipe Centering Head + 1x Alignment Pin	-	11 x 9 x 3	3.1
MAP200	Magnetic Alignment Pin	Ø1/2 ~ 20	10 x 2.4 x 1.9	1.6
MPCH250	Magnetic Pipe Centering Head	Ø2.0 and up	4.4 x 6 x 1.4	0.77

ROUND CONTOUR MARKER

Mark accurate, repeatable lines on pipe and curved surfaces **up to 12"** in diameter. Wrap it around any pipe, dial in your angle, and mark a clean, repeatable line.

- Magnet Base with On/Off Switch
- Integrated Leveling Dial
- Adjustable Marking Line Angle
- Durable build with fitted carry case included

PN	Case Dimensions (in)	Weight (lb)
RCM100	13.5 x 11 x 5	6.6



ROUND HOLE MARKER

Crafted from premium anodized aluminum, the Round Hole Marker is the ultimate tool for accurate and effortless hole marking.

- Magnet Base with On/Off Switch
- Adjustable 90° Extension Arm
- Versatile Angle Adjustment
- Elliptical Markings
- Durable Anodized Aluminum

PN	Case Dimensions (in)	Weight (lb)
RHM200	17 x 14.5 x 4.2	11.2

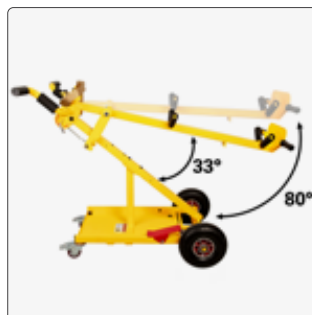




***EFFORTLESS LOADING.
SECURE TRANSPORT.***

CYLINDER LOADING CART

- **Secure Strapping:** Easily secure your cylinder for safe transport.
- **Dolly-Style Lifting:** Lift the cart like a dolly for easy loading and unloading.
- **Versatile Angle Locking:** Lock the cart at different angles (80° and 33°) for various loading needs.
- **Built-in Brake System:** Includes a brake for better safety and control.
- **Truck Bed Compatibility:** Works seamlessly with the Cylinder Transport Rack (GCR240) for mobile use.



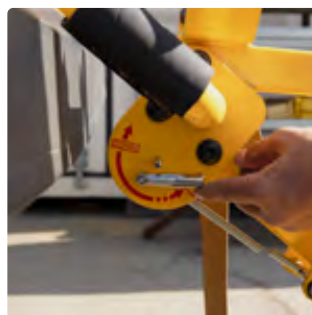
Dolly-Style Lifting

Lock the cart at different angles (80° and 33°)



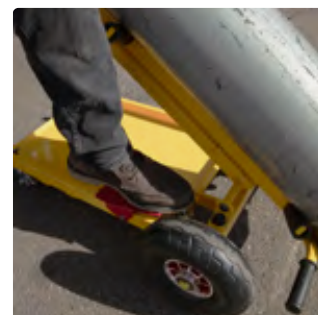
Secure Strapping

Easily secure your cylinder for safe transport



Rising Frame Control

"UP" lifts the Rising Frame;
"DOWN" lowers



Built-in Brake System

Brake to securely hold the front fixed wheels in position

PN	Dimensions	For Cylinder Size (in)	For Cylinder Height (in)	Load Capacity (lb)	Weight (lb)
GCR500	43.8 x 22.7 x 37.6	8.6 ~ 9.4 Dia.	45 ~ 59	220	90

GAS CYLINDER DOLLY

Move gas cylinders easily and keep tools organized with this heavy-duty, shop-ready cart.

- **Dimension:** 49" x 22" x 21"
- **For Cylinder Size:** 7.8" ~ 9.8" Dia.
- **For Cylinder Height:** 31" ~ 59"
- **Load Capacity:** 330 lb

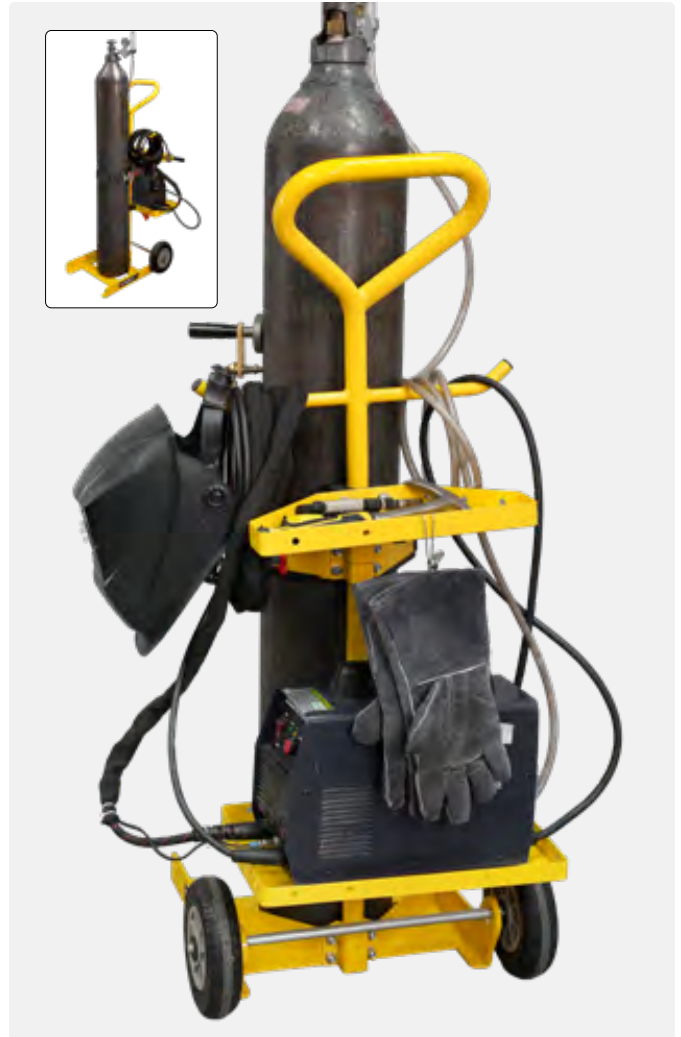


GCS300
Dolly Only



GCS300-K
Tool Trays Only

Part No.	Description	Weight (lb)
GCS300-K1	Dolly with Tool Trays	50.5
GCS300	Dolly Only	40
GCS300-K	Tool Trays Only	10.5



CYLINDER CART

The cylinder cart allows you to safely lift, move, place and store heavy cylinders. The sliding Stainless Steel Keeper Bar holds the cylinder securely in place without the use of chains or straps.

Lift cylinders for placement on an elevated platform, such as a welding cart or pallet up to 7" high. Two 3" rear locking wheels provide easy movement + stable storage.

Rugged round steel tube welded construction for strength and durability, with powder coated finish.

PN	Load Capacity (lb)	For Cylinder Size (in)	Weight (lb)
GCC210	400	8.5~9 Dia.	54



GAS GRABBERS

Safely and easily lift, transport, and place gas cylinders around the shop with the Gas Grabber.

Reduce back strain and increase shop safety.

- Automatic cylinder engagement
- 270 lb loading capacity



GCL820



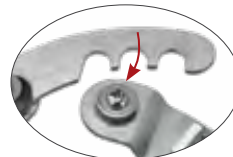
PN	W x D x H (in)	For Cylinder Size (in)	Loading Capacity (lb)	Weight (lb)
GCL230	20 x 11 x 4	8.5 ~ 9 Dia.	270	7
GCL820	21.5 x 11 x 3.6	5 ~ 9.5 Dia.	270	8

ADJUSTA GAS CYLINDER STORAGE HOOK

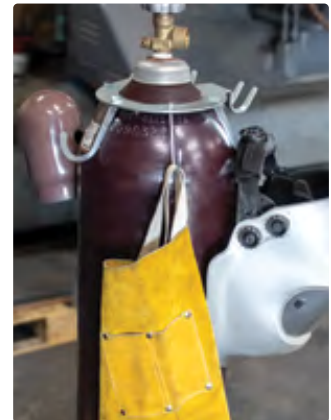
The new and improved gas hook has adjustable opening for fitting various cylinders shoulder diameters. Adjustment screws keep the hook secure.

Hooks install and uninstall around the valve and hoses from the side - no need to remove valves or hoses.

PN	Dimension (in)	Weight (lb)
GCH160	9.6 x 8.5 x 6.2	2.1



Adjustable Opening



GAS CYLINDER TOOL ORGANIZER

- It can be hung on the neck of a gas cylinder and used as an organizer for cylinder accessories
- Attached/clipped onto the welding machine housing
- Adjustable opening to fit various cylinder shoulder diameters
- Can be used to hang various welding tools such as cups, masks, gloves, welding guns, etc
- Firmly fixed, with a load capacity of around 11 lb



PN	For Cylinder Size (in)	Dimension (in)	Weight (lb)
GCH370	4 ~ 4.6 Dia.	15 x 17 x 13	7.4



EZ-VIEW GAS CYLINDER VALVE INDICATORS

Made from ABS plastic, EZ-View design allows you to quickly glance to see if gas has been left on from a distance.

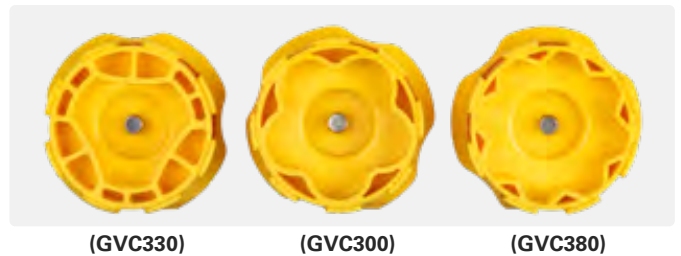
Money saver: reduce waste of gas from cylinders accidentally left on.

Simple installation: quickly snaps on and off valves.

GVC382: The enhanced snap-on design prevents accidental loosening, while the attach chain allows it to be looped around the gas cylinder neck to reduce loss or dropping.



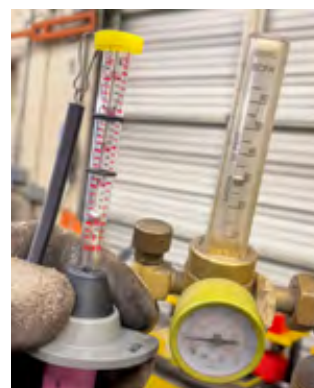
PN	Fit Handwheels	Dimensions (in)	Weight (lb)
GVC330	3 stars	4 x 4 x 2	0.2
GVC300	5 stars	4 x 4 x 2	0.2
GVC380	8 stars	4 x 4 x 2	0.2
GVC382	8 stars	3.4 x 3.4 x 2.3	0.3



GAS FLOW METER

- **Accurate Flow Control:** 5–50 SCFH range for consistent weld quality and reduced gas waste
- **MIG & TIG Ready:** Compatible with argon and CO₂ applications
- **Easy to Use:** Simple setup and clear monitoring for any skill level
- **Durable Build:** Designed for reliable performance in shop environments
- **Plastic Tube:** Lightweight, clear flow indication

PN	Dimensions (in)	Weight (lb)
GFM103	3 x 2-1/4 x 5-1/4	0.1



WIRE BRUSH SCRAPER

- **Handle Options:** Available with or without ergonomic handle.
- **Versatile Use:** Works alone or attaches to wire cutters, locking pliers, or PM950 handle.
- **Angled Brush Head:** Cleans rust and debris in tight or flat areas.
- **Scraper Blade:** Ideal for cleaning, deburring, and scribing.
- **Easy Maintenance:** Replaceable brush heads and blades.


PM920

no handle


PM950

w/Ergonomic Handle



PN	Description	Overall Length (in)	Weight (lb)
PM920	No handle	5	0.5
PM950	w/Ergonomic Handle	10.7	0.95

REPLACEABLE BRUSH SET

4-pc of replacement brushes.

PN	Weight (lb)
PM920B4	0.4


PM920B4

PLASTIC WELDER'S TOOL POUCHES

- Holds your TIG pliers securely.
- Made from soft plastic that molds to many of your pliers and tools.
- The belt clip keeps your pliers within reach, and comes with a tether to keep your tools secure.
- Lightweight, durable, and tough enough to handle sparks, and grime.

PN	Description	Dimensions (in)	Weight (lb)
ATP200	Plastic, no notch	7 x 3	0.2
ATP220	Plastic, with notch	7 x 3	0.2


ATP200 w/ notch

* Pliers not included.

HEIGHT-ADJUSTABLE WORK ROVER STOOLS

WRA250
Cushioned seat, 4 swivel casters (2 locking), low-profile backrest, and fixed utility shelf for quick-access storage

WRA100
2 wheels, height-adjustable seat, supportive back bar, and swiveling armrest for welding support or gear storage



Mesh base shelf
for tools or gear



Accessory
Side baskets



Accessory
Magnetic tool bar

Part No.	Description	Dimensions (in)	Weight (lb)
WRA100	Work Rover Stool w/2 Casters	5	0.5
WRA250	Work Rover Stool w/4 Casters	10.7	0.95
WRA100B-2PK	Tool Baskets, 2-pc Pack	10.4 x 5.7 x 3	1.3
WRA100M	Magnetic Tool Holder	12	0.9

ANTI-FATIGUE FLOOR MAT

This cushioned rubber mat reduces fatigue during long hours on the shop floor. Through-holes let metal debris fall through, helping keep sharp fragments off your shoes. Durable, easy to clean, and ideal for welding bays, fab areas, or tool benches.

- Measure 24 x 36" each
- Provides excellent support and comfort when standing for long periods of time
- Slip resistant
- Made from durable rubber
- Includes two connecting tabs to connect multiple mats seamlessly



Part No.	Dimension (in)	Weight (lb)
AFM3624	24 x 36 ea	0.5

MAGNETIC RETRIEVING TOOL

- **Lifts Up to 65 lbs:** Strong switch magnet for heavy metal handling.
- **Work Smarter:** Use in pairs to move big pieces with ease.
- **Stay Safe:** Handle hot or sharp metal without direct contact.
- **Compact & Tough:** 2¾" base fits tight spots; built for shop use.
- **Quick Release:** Switch magnet locks on tight and releases fast.

PN	Max. Magnetic Force (lb)	Weight (lb)
MPD20	65	2



PORTABLE ROUND TOOL TRAY

- All stainless steel construction
- Multi-level, independently rotating shelves
- Four interchangeable plastic storage inserts included
- Supports custom 3D-printed inserts

PN	Dimensions (in)	Weight (lb)
RTC104	Ø10.2 x 14.7	1.8



MAGNETIC TOOL HOLDER

Magnetic Tool Holder – Stay Organized and Efficient!

- 13 lb Total Load Capacity
- **End Grooves:** Hold 4 lb each
- **Middle Grooves:** Hold 2 lb each
- **Strong Magnet:** Keeps tools secure and within reach
- **Durable TPE Material:** Built to last in tough conditions

PN	Dimensions (in)	Weight (lb)
MSH180	9.6 x 2 x 0.8	0.7



WELDING CHIPPING HAMMER

This 11" chipping hammer is forged from high-carbon steel for lasting strength. Its dual-head design—chisel and pointed ends—handles any welding or metalwork task, while the shock-reducing grip ensures comfort and control in tight spaces.

PN	Description	Weight (lb)
CHM250	11" chipping hammer	1.1
CHPM20	Chipping Hammer & MIG Pliers (PM12) Combo Kit	1.9



MODULAR TUBE & PIPE NOTCHER

Mounting your Notcher on the: BuildPro, Rhino Cart, or BuildPro Fixturing Plates allows for quick and accurate setups when notching multiple parts.

Notch 1"– 2-1/2" OD pipes or square tubes at any angle, or off-center. Position the two V-Blocks and clamp as needed.



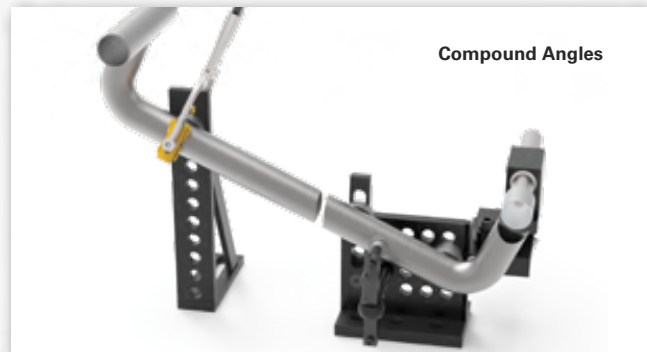
Height Setting Scale



Angle Setting Scale



In the examples below, the Notcher is used to notch workpieces as needed to fit seamlessly into a final assembly:





www.BuildProTables.com

The professional BuildPro® Welding Tables are setting a new standard in price and performance.

The BuildPro's modular design gives you the flexibility to adapt to each new project easily. You'll work more safely and efficiently, so you can increase both your productivity and quality of work.

- CNC machined 5/8" holes in a 2" grid pattern for locating, positioning and holding your fixture.
- REVERSIBLE Plates can be reconfigured to extend the width of the table for larger projects.



U.S. PAT. 8065967

*In-stock for immediate delivery.
Contact us for complete catalog.*



www.Alpha28Tables.com

Expand your capabilities in fixturing heavy duty, complex, or oversized weldments for precision welding and fabrication.

- Individual positionable, reversible table plates
- HV750 Tabletop Hardness
- QPQ Nitriding Treatment



www.rhino-cart.com

The Rhino Cart® Mobile Fixturing Station is a turnkey system for fixturing and clamping in welding and fabrication.

- Reversible, flat, nitrided (heat treated) tabletops for accuracy in all of your setups. Three sizes are available.
- The Rhino Cart Tables are compatible with the Clamps and Components in the BuildPro Welding Table product line.

U.S. PAT. 9896117



Strong Hand Tools offers different styles of welding tables to provide a solution for every need and workspace. All table systems have matching accessory kits to provide faster fixturing, consistent results, and greater productivity.



www.BuildProTables.com

MOBILE WORK STANDS SERIES SCOUT 36 SAWHORSE, SCOUT 14 TRIPODS

When the job moves, your gear should too. With durable surfaces, clamp-ready plates, and rock-solid support, these tools keep your workflow sharp and efficient, even off the grid.



Toggle Clamps

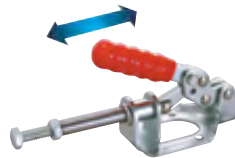
www.goodhandinc.com



Vertical Handle
Hold Down Action



Horizontal Handle
Hold Down Action



Push/Pull
Straight Line Action



Latch Type
Pull Action



Machine Parts & Tooling Components.

www.valtrainc.com



Handwheels



Adjustable Handles



Crank Handles



Rotary T-Slot Nuts



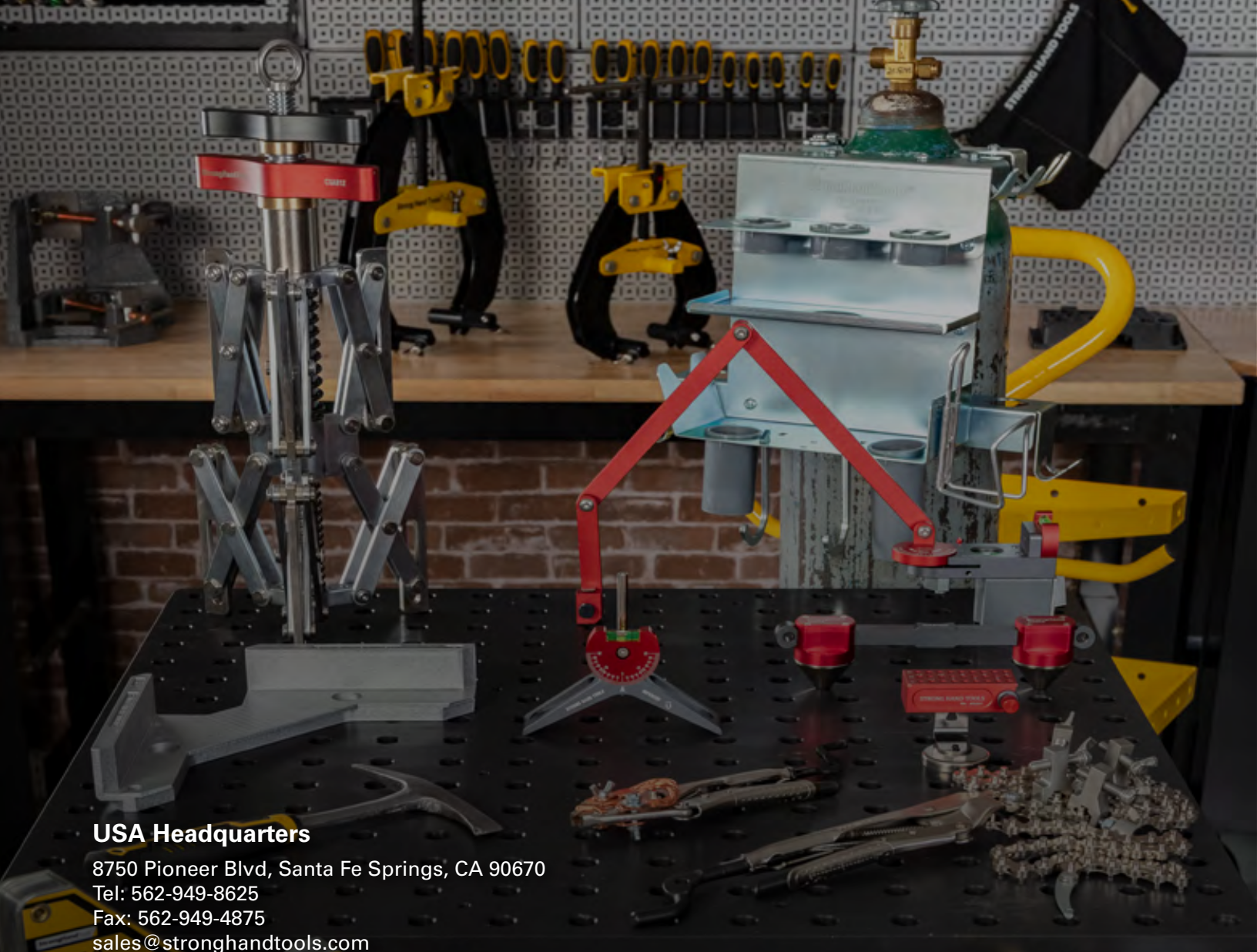
Leveling Pads



Rotary T-Slot Bolts



Plain Eyebolts



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