StrongHandTools[®]

2019 METRIC CATALOG

INNOVATIVE FIT-UP TOOLS: CLAMPS, MAGNETS, PLIERS AND WELDING TABLES.

StrongHandTools.com 562.949.8625



We are dedicated to helping you work safely, efficiently, comfortably, and cost effectively.

We're on a mission to make "Better Tools at Better Prices." For over 35 years we have communicated with welders and craftsmen to develop innovative, quickacting clamping tools that allow you to create a "proper" setup as the foundation for safe, and efficient work in welding, assembly, and repair applications. We've re-engineered traditional tools such as: Sliding Arm Clamps, Magnetic Welding Squares, Pliers, and Vises for improved performance in clamping and fixturing.

Strong Hand Tools Features and Benefits:

Our tools are multi-functional, and adaptable for all types of workholding in welding, assembly, and repair operations.

All Strong Hand Tools are "Quick Acting" for fast setup and affordably priced to fit any budget.

We remain dedicated to designing the most innovative, time-saving, moneysaving workholding tools to improve your efficiency, productivity, and profitability.

Find your local Strong Hand Tools Distributor at:

www.StrongHandTools.com.







Modular Welding Tables www.BuildProTables.com



Heavy Duty German Made Welding Tables www.siegmundtables.com

VALTRA

Operating Accessories & Tooling Components www.valtrainc.com



Toggle Clamps & Latches www.goodhandinc.com

* Call to request the full line catalogs **PDF**

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NOMAD[™] WELDING TABLE 47





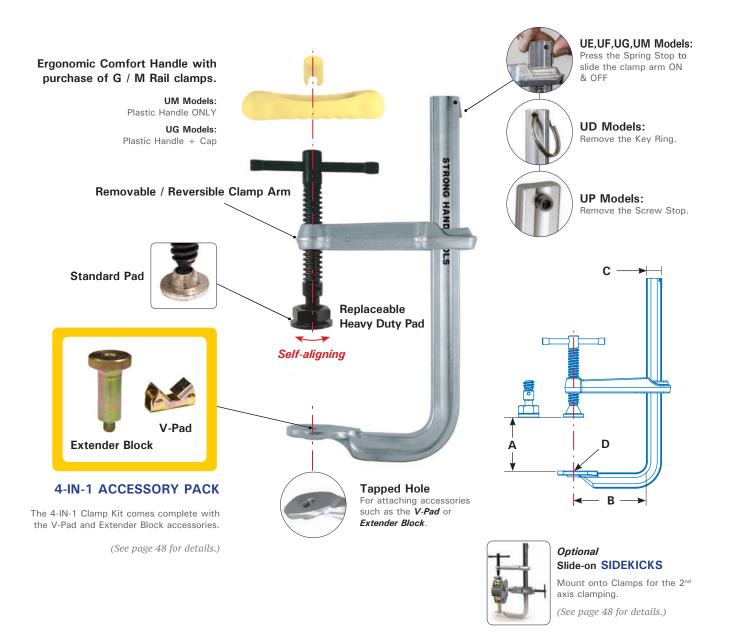


* All product, product specifications and data are subject to change without notice to improve reliability, function, design or otherwise. Please check online for updated information and details.









ONE Clamp... FOUR functions. -

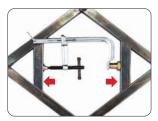
The strong, economical 4-IN-1 Utility Clamps adapt to serve four different applications.



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



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



3. Spreader Reverse the clamp arm and create a Spreader Clamp.



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

I've been able to replace my old set of five C-Clamps with my new 4-in-1 Clamp."

- Mark T.



4-IN-1[™] UTILITY CLAMPING SYSTEM

Part No.	Capacity - A (mm)	Throat Depth - B (mm)	Clamping Pressure (kg)	Pads	Rail Size - C (mm)	Tapped Hole - D	Weight (kg)
UD45M-C3	114	83	227	Standard	16 x 8	M8	0.6
UD65M-C3	165	83	227	Standard	16 x 8	M8	0.7
UF65M-C3	165	120	454	Standard	22 x 11	M10	1.3
UG85M-C3	216	120	544	Standard	25 x 12	M10	1.9
UG125M-C3	318	120	544	Standard	25 x 12	M10	2.1
UG1257M-C3	318	180 *Deep Throat	363	Standard	25 x 12	M10	2.9
UM85PM-C3	216	140	1,089	Standard	30 x 14	M10	3.0
UM105PM-C3	267	140	1,089	Standard	30 x 14	M10	3.4
UM125M-C3 * <i>BEST SELLER</i>	318	140	1,089	Heavy Duty	30 x 14	M10	3.5
UM165M-C3	419	140	1,089	Heavy Duty	30 x 14	M10	4.0
UM205M-C3	521	140	1,089	Heavy Duty	30 x 14	M10	4.5
UP205M-C3	521	180 * <i>Deep Throat</i>	2,177	Heavy Duty	40 x 19	M10	7.3

HEAVY DUTY

Clamping Pressure: 2,177 kg



Part No.	Capacity - A (mm)	Throat Depth - B (mm)	Clamping Pressure (kg)	Rail Size - C (mm)	Tapped Hole - D	Weight (kg)
UP125M	318	180	2,177	40 x 19	M10	5.6
UP165M	419	180	2,177	40 x 19	M10	6.2
UP205M	521	180	2,177	40 x 19	M10	6.8
UP245M	622	180	2,177	40 x 19	M10	7.5
UP405M	1,020	180	2,177	40 x 19	M10	10.0
UP605M	1,537	180	2,177	40 x 19	M10	12.7

REGULAR DUTY

Clamping Pressure: 1,089 kg



Weight (kg) Clamping Pressure (kg) Rail Size - C Tapped Hole - D **Throat Depth** Capacity Part No. - B (mm) - A (mm) (mm) UM65M 165 140 1,089 30 x 14 M10 2.5 UM85M 216 140 1,089 30 x 14 M10 2.7 UM105M 267 140 1,089 30 x 14 M10 2.9 UM125M 318 140 1,089 30 x 14 M10 3.2 UM165M M10 419 140 1,089 30 x 14 3.5 UM205M 521 140 1,089 30 x 14 M10 4.0

REGULAR DUTY

Clamping Pressure: 1,089 kg Standard Pads



Part No.	Capacity - A (mm)	Throat Depth - B (mm)	Clamping Pressure (kg)	Rail Size - C (mm)	Tapped Hole - D	Weight (kg)
UM85PM	216	140	1,089	30 x 14	M10	2.9
UM105PM	267	140	1,089	30 x 14	M10	3.0
UM125PM	318	140	1,089	30 x 14	M10	3.1



LIGHT & MEDIUM DUTY

Clamping Pressure: 230 - 544 kg Standard Pads



UD Series with Key Ring Stop



UE, UF, UG Series with Spring Stop

Part No.	Capacity - A (mm)	Throat Depth - B (mm)	Clamping Pressure (kg)	Rail Size - C (kg)	Tapped Hole - D	Weight (kg)
UD45M	114	83	227	16 x 8	M8	0.4
UD65M	165	83	227	16 x 8	M8	0.5
UD85M	216	83	227	16 x 8	M8	0.6
UE85M	216	100	390	20 x 10	M10	1.1
UE125M	318	100	390	20 x 10	M10	1.2
UF65M	165	120	454	22 x 11	M10	1.1
UF100M	254	120	454	22 x 11	M10	1.3
UG85M	216	120	544	25 x 12	M10	1.6
UG125M	318	120	544	25 x 12	M10	1.8
UG205M	521	120	544	25 x 12	M10	2.2
UG1257M	318	180 * Deep Throat	363	25 x 12	M10	2.7
UG1657M	419	180 * Deep Throat	363	25 x 12	M10	3.0

J-CLAMP STEP-OVER







UM Series

* Heavy Duty Replaceable Pads

Part No.	Capacity - A (mm)	Throat Depth - B (mm)	Clamping Pressure (kg)	Rail Size - C (mm)	Tapped Hole - D	Weight (kg)
UD45JM	114	83 (50)	227	16 x 8	M10	0.6
UF100JM	254	120 (75)	454	22 x 11	M10	1.5
UG105JM	267	120 (75)	544	25 x 12	M10	2.3
UM125JM	318	140 (120)	1,089	30 x 14	M10	3.7
UM205JM	521	140 (120)	1,089	30 x 14	M10	4.2

RATCHET ACTION UTILITY CLAMPS

Ratchet mechanism ensures rapid, vibration and torsion resistant clamping.

- Quick to setup, unlock, and remove in high volume • clamping applications.
- Even clamping pressure. Ideal for repetitive . clamping setups.

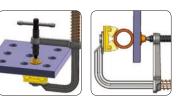
Part No.	Capacity (mm)	Clamping Pressure (kg)	Rail Size (mm)	Weight (kg)
UF65RM	180	454	22 x 11	1.2
UF100RM	254	454	22 x 11	1.3
UF100JRM	254	454	22 x 11	1.4
UG85RM	216	544	25 x 12	1.6
UG125RM	318	544	25 x 12	2.2
UG205RM	521	544	25 x 12	2.6

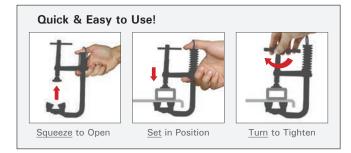


MAGSPRING[™] CLAMPS

The spring-loaded, one-handed clamp with quick-set V-Pad.

The Spring Arm in conjunction with the V-Pad allows users to free up one hand to position the workpiece.







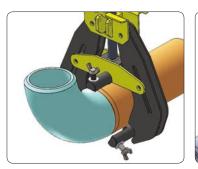
Part No.	Capacity (mm)	Throat Depth (mm)	Clamping Pressure (kg)	Tapped Hole (mm)	Weight (kg)
UBV65M	115	64	140	M6	0.4
UDV45M	75	83	227	M6	0.5
UDV65M	115	83	227	M8	0.5



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 jaw insertion and clamp removal after welding.





Pipe to Elbow

Pipe to Reducer

Part No.	Pipe Diameter Capacity (mm)	Weight (kg)
CPA60	50 ~ 152	5.0
CPA120	144 ~ 305	7.8



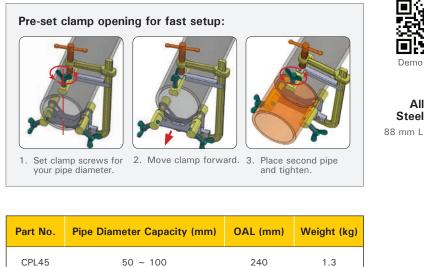
PRESS - SLIDE - SET Wide Grip Plates make this Pipe Alignment Clamp easier to handle, with less user fatique.



PIPE FIT-UP CLAMPS

CPL75

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



304

100 ~ 140



2.1

Adjust-O[™] Magnet Squares

The original magnet squares featuring On/Off switches.



It's so much easier to set-up and hold my work with the On & Off Adjust-O Magnets because I'm not fighting the magnetic force."

- Jason T.

11111111111111111



A Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

ADJUST-O[™] MAGNET SQUARES

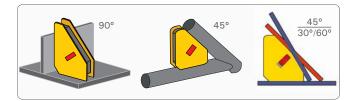
The fast & easy way to hold metal workpieces at 30°/ 60°, 45°, and 90°.

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!

Ideal for round and square tubing, angle, and flat stock.

Easy to clean. Simply turn Off and wipe.





Part No.	Max. Pull Force (kg)	Dimension (mm)	Weight (kg)
MSA45	30	110 x 95 x 25	0.5
MSA46-HD	40	110 x 95 x 29	0.7
MSA47	35	150 x 130 x 32	1.0
MSA48-HD	75	150 x 130 x 35	1.4
MSA53-HD	65	150 x 130 x 35	1.4

*Magnetic force is based on the longest side of Magnet with 10 mm thick steel.

THIRD-AXIS MAGNETIC POSTS Optional accessory for ALL MSA Magnets

- Quickly and easily set-up 3-sided work such as tank and gusset.
- Use on either side of the magnet squares. .

MXE13





Holding a 3-Axis workpiece.

RONG HAND INT



ADJUST-O[™] 90° DUAL SWITCH MAGNET SQUARES

For professional jobs that demand strong hold down forces. Holds flat and round metal work pieces.

- Two On/Off switches for independent operation. •
- Turn the magnets Off when setting up, turn On when . you're ready to work. Easy and safe set-up!
- Machined flat and V-surfaces are ideal for round and . square tubing, angle, and flat stock.
- Choose from 55 120 kg pull force. •







MS2-80 MS2-90 55 kg Max. pull force

120 kg Max. pull force

Part No.	Max. Pull Force (kg)	Dimension (mm)	Weight (kg)
MS2-80	55	152 x 152 x 38	1.2
MS2-90	120	197 x 197 x 48	2.7

*Magnetic force is based on 10 mm thick steel.

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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.



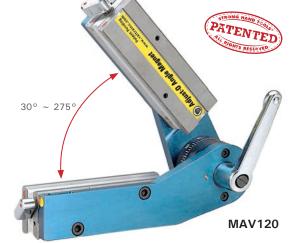
Machined V-Groove For holding round & flat stock.



Calibration w/ Vernier



2 x ON/OFF Switch









*Magnetic force is based on 10 mm thick steel.

🛦 Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

Tools for sheet metal and large stock holding.

A-FRAME HD MAGNET

New for large and heavy stock holding.

Larger / wider magnets with large contact surface and stability. ON/OFF switches function with weaker force when lever at **mid-position**, for adjustment / placement of parts.



A Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

STANDARD MAGNET SQUARES

Holding at multiple angles while soldering, brazing, and welding at 30°/60°, 45°, and 90°.

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



MS346C Multi-Angle



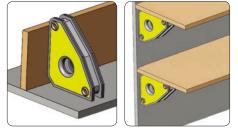
MS45 45°, 90°



MS60 60°, 90°







*Magnetic force is based on the longest side of Magnet with 10 mm thick steel.

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MINI MAGNET SQUARES

- Mini Magnets at just 58 mm in height provide low profile holding of stock in tight, hard to reach areas.
- Use as many as needed for light duty holding of stock at multiple points.
- Insert a screwdriver into the center hole to apply breakaway force.
- Full aluminum rim enclosure for easy cleaning.



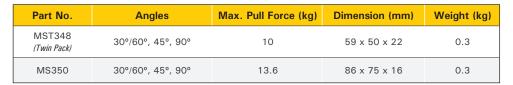
*Magnetic force is based on the longest side of Magnet with 10 mm thick steel.

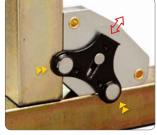
A Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

XYZ MAGNET SQUARES

- Quickly & easily set-up 2 or 3-Axis workpieces, such as gussets and steel panels.
- 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.







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



Gusset Holding

*Magnetic force is based on the longest side of Magnet with 10 mm thick steel.

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MagTab[™] Time saving magnetic tools for use in the shop & in the field.



The better, faster way to hold tabs in place for tack welding!

• Hold tabs, or any small metal pieces, parallel or perpendicular to the substructure.

6 pcs. Magnets total

- The Adjustable Magnetic V-shape base adjusts for different shapes: round, flat, angle metal surfaces.
- Remove the MagTab bracket to use the Adjustable Magnetic V-Pad for light duty holding of steel plates. .



STRONGER FOR LARGER PARTS **MNT15** (JUMBO)

MFT10

Part No.	Dimension (mm)	Max. Pull Force (kg)	Weight (kg)
MNT15	130 x 110 x 48	15	0.5
MFT10	100 x 76 x 32	8	0.2

*Magnetic force is based on 10 mm thick steel.

New TWIN PACK Kits:

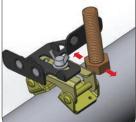
Part No.	Kit Contents	Weight (kg)
MNT28	2 x MNT15	1.0
MFNT27	MFT10 + MNT15	0.7
MFT23	2 x MFT10	0.5

Remove the MagTab bracket...

See page 15 for more applications.

Also see page 41 for our NEW magnetic grasshopper.

Box Lid

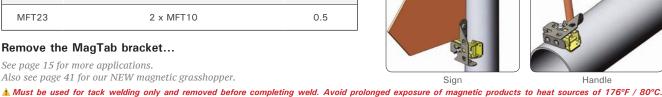


Bracket Adjustment

Gussets

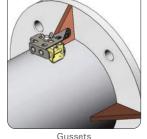


Parallel / Perpendicular Tab





Handle



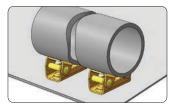




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MagRest[™] V-PAD KIT

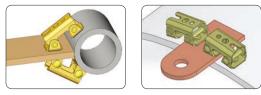


MagHold[™] V-PAD KITS

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

Hold and position round, flat, and square parts in light duty substructure applications!









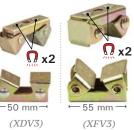




MVDF42 Magnets on the bottom only.

(XDV3) Max. Pull Force: 3 kg.

(XFV3) Max. Pull Force: 4 kg.



(XFV3)

THREE 4-PC. KITS TO CHOOSE FROM:

MVDF44 Magnets on both pad face and the bottom.

(XDV4) Max. Pull Force: 6 kg.

(XFV4) Max. Pull Force: 8 kg.

MVFN46

MVNP48

(XNV210)

(XPV830)

Magnets on the pad face only.

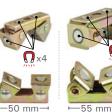
Magnets on the pad face only.

Max. Pull Force: 16 kg.

Max. Pull Force: 30 kg.

(XFV2) Max. Pull Force: 8 kg.

(XNV2) Max. Pull Force: 16 kg.



(XDV4)

(XFV4)

85 mm

(XFV2) (XNV2) Two inter-



(XPV830)

(XNV210)

Part No. Description **Kit Contents** Weight (kg) MVDF42 MagRest 2 pcs. V-Pads (XDV3) + 2 pcs. V-Pads (XFV3) 0.3 MVDF44 MagHold 2 pcs. V-Pads (XDV4) + 2 pcs. V-Pads (XFV4) 0.4 MVFN46 MagHold 2 pcs. V-Pads (XFV2) + 2 pcs. V-Pads (XNV2) 1.1 MVNP48 MagHold 2 pcs. V-Pads (XNV210) + [2 pcs. V-Pads + 2 pcs. Plastic Handles (XPV830)] 2.0

*Magnetic force is based on the longest side of Magnet with 10 mm thick steel. See page 49 for individual V-Pad details.

A Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

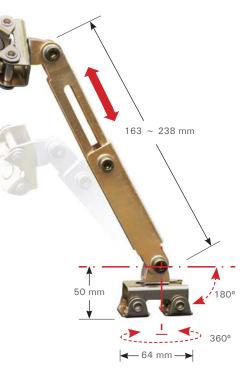
MagHold[™] EXTENDABLE ARM

Position and hold steel stock in welding and fabrication.

- Telescoping mounting bar adjusts from 163 mm to 238 mm in length.
- Loosen the center joint in the mounting bar to "fold up" the MagHold" for different workholding configurations.
- Adjustable magnetic V-Pads at each end hold stock of different shapes: round, flat, angled.







*Magnetic force is based on 10 mm thick steel.

▲ Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

SNAKE MAGNETS

The Third Hand - Holds, Bends, Twists

The Snake Magnet gives you the flexibility to hold stock at odd angles. Spring Clamp can be used as the third hand to hold tools.



Part No.	Description	Weight (kg)	
MFC312	305 mm Flex Cable, 1 Clamp, 2 Adjustable Magnetic V-pads	0.5	
MFC318	450 mm Flex Cable, 1 Clamp, 2 Flat Magnetic Pads	0.6	

*Magnetic force is based on 10 mm thick steel.

▲ Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.



SHEET METAL MAGNETS

Hold sheet metal and automotive metal panels firmly in a positive location for cutting, welding, tacking, painting and repair operations.

Rare earth disc magnets in the magnetic plate have superior gripping power. Rubber Pads on the Sheet Metal Magnets provide friction for increased drag force in sheet metal handling applications.

Use horizontally or vertically. The strong, generously sized plastic handle makes placing, moving, and removing the Sheet Metal Magnets fast and easy.

Part No.	Description	Straight Pull Force (kg)*	Side Drag Force (kg)*	Weight (kg)
MSM61	MSM61 Light Duty Sheet Metal Magnets (Single piece) with 2 Replaceable Rubber Pads MSM71 Medium Duty Sheet Metal Magnets (Single piece) with 2 Replaceable Rubber Pads		13	0.3
MSM71			17	0.3
MSM81	Heavy Duty Sheet Metal Magnets (Single piece) with 2 Replaceable Rubber Pads	45	20	0.3
MCB82 Heavy Duty Sheet Metal Magnets (Twin Pack of MSM81)		45 / ea.	20 / ea.	1.5
MCB802	MCB802 10 pcs. Replaceable Rubber Pad			0.1





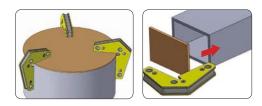


* Subject to surface thickness and texture.

▲ Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

CORNER MAGNETS

- 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°.

Part No.	Description	Dimension (mm)	Max. Pull Force (kg)	Weight (kg)
MST327	Twin Pack 90° & 60°	83 x 95 x 16	14	0.4

*Magnetic force is based on the longest side of Magnet with 10 mm thick steel.

A Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

Inside Outside Angle Magnets Hold stock using the Inside or Outside edges!



Hold stock from the outside when inside access is difficult.

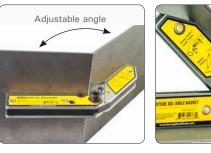
Hold and position sheet metal, round pipes, square, angled or flat stock.

The Inside / Outside Angle Magnets are constructed from two independent rectangular magnets for consistent, undiminished magnetic force when both sides are attached to workpieces.

Use mounting holes to link two magnets together for use as fixturing elements.

Use hex hole on magnet for breakaway leverage.







Pin to set 45°





Part No.	Angles	Height (mm)	Width (mm)	Thickness (mm)	Mag. Pull Force (kg)	Weight (kg)
MLDT350 COM	BO PACK: (MLD300)	+ (MLD500)				0.5
1pc. (MLD300) 1pc. (MLD500)		76 125	52 85	14 18	9 15	
MLD600	90°, 30°/60°	165	110	20	18	0.8
MLA450	30 ~ 270°	120	120	18	12	0.5
MLA600	30 ~ 270°	156	156	20	15	0.9

*Magnetic force is based on 10 mm thick steel.

A Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

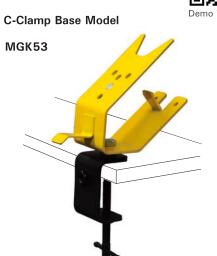


GRINDER RESTS

Store your Grinder and all accessories on one convenient, compact, portable rest for easy access. The Grinder Rest holds most 125 mm Grinders. No more searching for wrenches or spare discs!







* Includes Adaptor Plate for table leg and beneath table edge Mounting!





NEW 180 mm RINDER REST!

See the NEW ReadyRest[™] line of MIG, TIG Torch, Universal, Grinder, Wrist and Arm Rests, pages 20 – 27 ≻

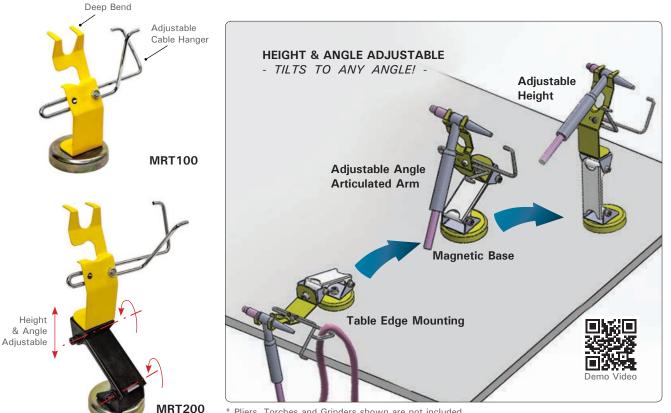
Set your tools at the ideal position for easy access while you work, reduce wrist and arm fatigue, and safely store your tools to prevent damage! **Ready**Rest

You don't work in one fixed position, so neither should your torch rest.

The height and angle adjustable ReadyRests attach securely to any steel surface for safe and convenient holding of your torch and cable for full access while you work. The unique adjustable cable hanger provides cable control for safety, and ease of handling.

STRONG HAND TOOLS PATENT PENDING All Rights Reserved.

Store your torch on the ReadyRest to prevent damage and create a clean, organized work area.



* Pliers, Torches and Grinders shown are not included.



DEEP BEND for extra-secure torch holding.



ROUNDED EDGES prevent scratching.



ADJUSTABLE CABLE HANGER holds cable "slack" for safety and reduced wrist fatigue.

Part No.	Model	Description	Height (mm)	Weight (kg)
MRT100	Basic	TIG Torch Rest with Cable Hanger	190	0.9
MRT200	Adjustable	TIG Torch Rest with Cable Hanger, Adjustable Height	180 ~ 130	1.3





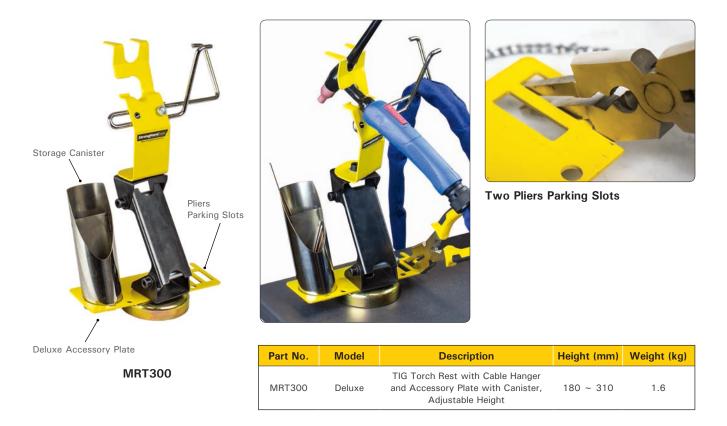
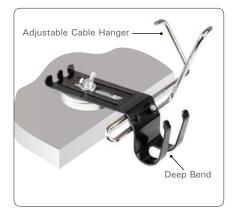


TABLE EDGE MOUNT REST

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.



MRT50

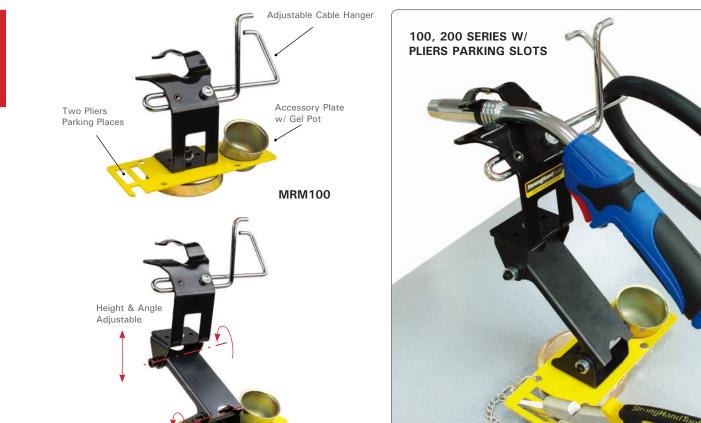


FILLER ROD PARKING

SPACE-SAVING, EASY ACCESS.

Part No.	Description	Height (mm)	Weight (kg)
MRT50	Table Edge Mount TIG Torch Rest with Cable Hanger	140	0.5

* Pliers, Torches and Grinders shown are not included.



MRM200

* Pliers, Torches and Grinders shown are not included.

Part No.	Model	Description	Height (mm)	Weight (kg)
MRM100	Basic	MIG Torch Rest with Cable Hanger & Accessory Plate	150	1
MRM200	Adjustable	MIG Torch Rest with Cable Hanger & Accessory Plate, Adjustable Height	180 ~ 310	1.5



Deluxe Model - PM12

ReadyRest





This deluxe MIG Rest includes the Park N' Snip feature!

ReadyRest

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.

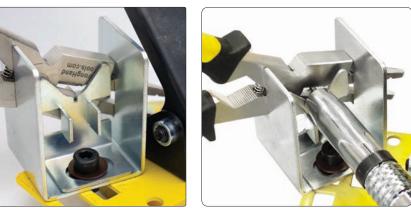


MRM300



* Pliers, Torches and Grinders shown are not included.

PARK N' SNIP

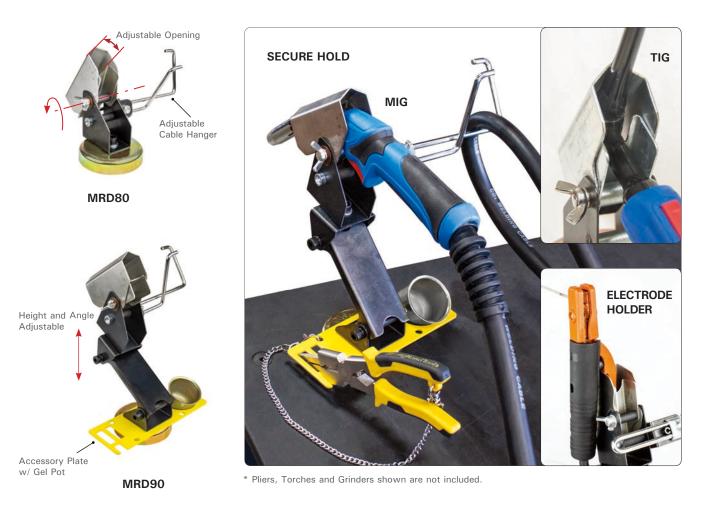


Part No.	Model	Description	Height (mm)	Weight (kg)
MRM300	Deluxe	MIG Torch Rest with Cable Hanger & Deluxe Accessory Plate, Adjustable Height	180 ~ 310	1.8

MIG, TIG, Electrode holder...ONE SIZE fits ALL

The Universal Rests hold your MIG or TIG Torch, or Electrode Holder. The Stainless Steel housing is angle-adjustable, with an adjustable keeper plate inside for secure, customizable holding.

Position and store your MIG, TIG torches and Electrode Holder securely and conveniently for easy access, and to prevent damage to gun and tips.



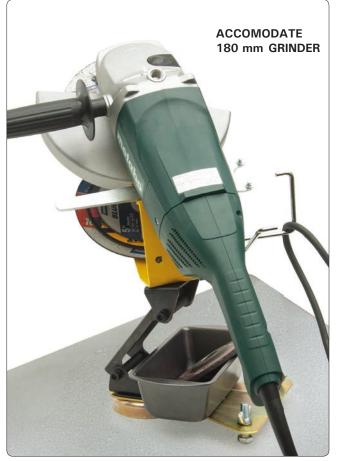
Part No.	Model	Description	Height (mm)	Weight (kg)
MRD80	Basic	Universal Rest with Cable Hanger	150	1.1
MRD90	Adjustable	Universal Rest with Cable Hanger & Accessory Plate, Adjustable Height	180 ~ 310	1.8





Store your costly 150 mm or 180 mm Grinder on this New Grinder Rest to prevent damage, maximize valuable space, and create an organized work area.





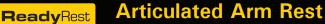
* Pliers, Torches and Grinders shown are not included.



 Part No.
 Description
 Weight (kg)

 MGH600
 Grinder Rest with Adjustable Cable Hanger, Anti-tipping Plate with Part Storage, Height & Angle Adjustable
 2.7

* Also see two Grinder Rests: MGH4510, and MGK53 at page 19.



NEW tools to maximize comfort, productivity, and safety in welding!



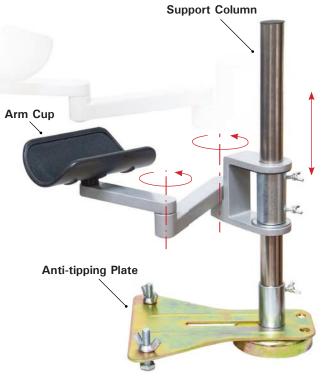
The ABC Rule for greater work quality - *Always Be Comfortable* while welding.

This affordable, fully adjustable Arm Rest with the fully articulated arm, supports your extended arm while working. Steady your arm or hand, for greater weld control and reduced fatigue.

The 2-section Articulated Arm is height adjustable [slide up or down the support column] and swivels quickly and easily for work in precise locations.

The comfortable, generously sized arm cup turns in a 360° arc for complete freedom in positioning, and instant re-positioning.

Place the sturdy, anti-tipping, magnetic base plate on any steel surface and level by adjusting the two leveling bolts.



ARA18

Part No.	Overall Height (mm)	Articulated Arm Height Range (mm)	Articulated Arm Reach (mm)	Weight (kg)
ARA18	380	150 ~ 380	0 ~ 320	2.2

Adjustable Wrist Rest





NEW tools to maximize comfort, productivity, and safety in welding!



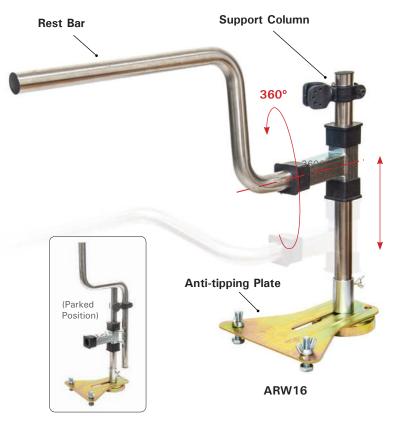
Be comfortable while welding, and perform precision work by having the right tools in your shop.

This affordable, fully adjustable Wrist Rest has solid steel construction for durability and optimal stability. "Carry" your MIG or TIG torch smoothly along the 280 mm travel length of the Stainless Steel Rest Bar.

The Rest Bar is height adjustable [slide up or down the support column].

Place the sturdy, anti-tipping, magnetic base plate on any steel surface and level by adjusting the two leveling bolts. For space-saving storage, remove the Rest Bar from the adjustment column for vertical docking.

An important addition to any welding setup. Steady your wrist for accurate welding and greater work quality with less fatigue.



Part No.	Overall Height (mm)	Overall Height (mm) Rest Bar Height Range (mm) Rest Bar Length (mm		Weight (kg)
ARW16	470	0 ~ 470	280	2.6

Big Mouth Pliers

Adjust instantly to hold large or small workpieces







PAJ100







300 AMPS



Soft Copper Jaw

Aluminum.

Clamp + Protect soft or fine surfaces. Compatible with Stainless Steel and

Copper Grounding

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

- 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 (64 mm) for extra capacity and greater versatility in workholding.
- Keep this versatile tool on hand for fast clamping in a variety of jobs!







Clamp two 50 x 100 mm studs

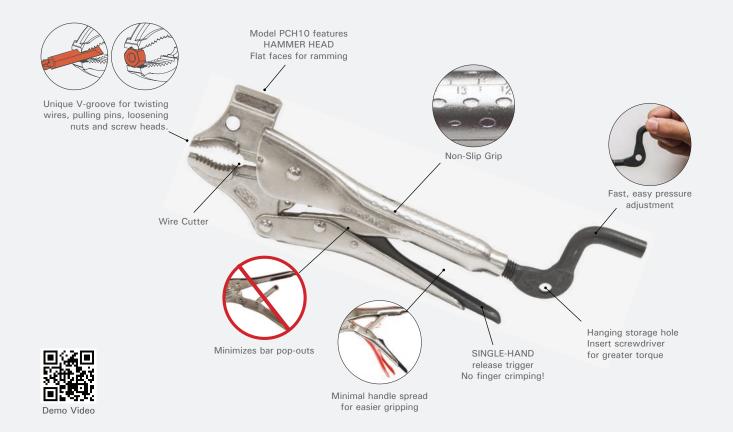




Part No.	Description	Opening (mm)	Throat Depth (mm)	OAL (mm)	Weight (kg)
PAJ100	Standard Model	6 ~ 75	64	250	0.7
PAJ102	Soft Copper Jaw	6 ~ 75	64	250	0.9
PAJ207	Copper Grounding	6 ~ 75	64	250	1.0

Strong Grip[®] Pliers *The Easiest to GRIP, ADJUST, RELEASE.*





Unique and Convenient! C-JAW PLIERS WITH HAMMER HEAD

Unique design provides a convenient hammer when you need it, where you need it!



Part No.	Opening (mm)	OAL (mm)	Weight (kg)
PCH10	40	300	0.6

C-JAW PLIERS

The most popular grip pliers with improved features:

Machined curved jaws with serrated teeth tightly grip round stock as well as a variety of shapes.



V-groove

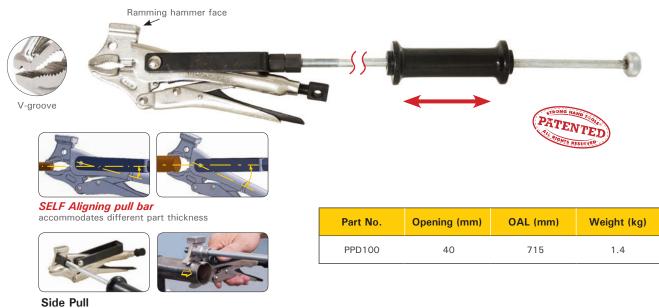
Part No. Opening (mm)		OAL (mm)	Weight (kg)
PCJ50	26	180	0.2
PCJ70	40	245	0.4
PCJ100	41	300	0.6
PCJ120 * 55		360	0.9

* Unique larger size.

UNIQUE

DUAL AXIS PULL PLIERS W/ HAMMER HEAD

An essential pulling, pushing, ramming tool for the die-maker, maintenance craftsman, and auto repair shop mechanic. Pull Rod mounts in the swing handle, or in the M10 threaded hole for 2-axis pulling or pushing.



ECONOMY PIPE PLIERS

Large Capacity (75 mm)! Holds round, square, flat or angled. The large (Ø38 mm) swivel pad makes alignment easier!





Part No.	Opening Round / Square (mm)	OAL (mm)	Weight (kg)	
PVS100	up to 75	360	1.0	

LOCKING CHAIN PLIERS

Clamp odd shaped multiple items. Adjust tension with crank handle.

Replaceable chain available in 600 mm (P/N: PXC24), 910 mm (P/N: PXC36) & 1,200 mm (P/N: PXC48) lengths.





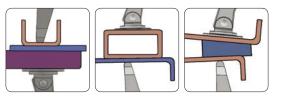
Part No.	Chain Length (mm)	Holds Pipes (mm)	Weight (kg)
PFC1024	600	up to 165	0.9
PFC1036	910	up to 270	1.1
PFC1048	1,200	up to 360	1.4



VERSATILE · HANDY! PLIERS W/ COMBO TIPS

One round tip for tight spots + swivel pad for larger surface contact.





Part No.	Throat Depth (mm)	Opening (mm)	OAL (mm)	Pad Size (mm)	Weight (kg)
PSR80	76	60	300	29	0.6
PSR100	76	70	360	38	0.8
PSR140	142	127	430	38	1.1

UNIQUE PLIERS W/ ROUND TIPS

Greater clearance and access for quick holding in tight areas.



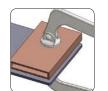


Part No.	Throat Depth (mm)	Opening (mm)	OAL (mm)	Weight (kg)
PRB60	42	48	192	0.3
PRB80	76	60	290	0.6
PRB110	76	75	350	0.9
PRB140	142	95	410	0.9

UNIQUE PLIERS W/ SWIVEL PADS

Hold angled, or uneven work pieces, without damaging surfaces. Pads pivot to align with the work surface for a firm hold.





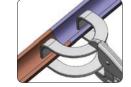
Part No.	Throat Depth (mm)	Opening (mm)	OAL (mm)	Pad Size (mm)	Weight (kg)
PSB60	52	48	208	22	0.3
PSB80	76	60	290	29	0.6
PSB110	76	75	350	29	0.9
PSB140	142	120	415	29	1.0

Strong Grip[®] Pliers *The Easiest to GRIP, ADJUST, RELEASE.*

U-PRONG PLIERS

Wide U-Shaped jaw for workpiece visibility, weld access, secure holding.





Part No.	Opening (mm)	OAL (mm)	Weight (kg)
PUP90	50	275	0.6
PUP100	80	340	0.9

SHEET METAL PLIERS

Wide, robust contact plates provide a powerful hold on stock.



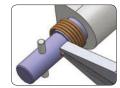


Part No.	Parallel Opening (mm)	OAL (mm)	Weight (kg)
PDB80	10	250	0.5
PDB90	15	320	0.8

LONG NOSE PLIERS

Long, slim nose for access in tight, narrow, hard to reach areas.





Part No.	Parallel Opening (mm)	OAL (mm)	Weight (kg)
PLN50	5	205	0.2
PLN90	6	270	0.4

BENCH-MOUNT PLIERS HOLDER

Convenient storage, or hands-free use

Holds in Vertical & Horizontal positions.

Wing nuts on both vertical and horizontal position locks pliers in place.







Part No.	Weight (kg)
PB11	0.1





- Wide opening allows the Pipe Pliers to hold up
- 2 V-Pads provide a better clamping surface.
- Adjustable top spindle for holding pipes of
- 0° & 45° angle clip allows angled clamping.





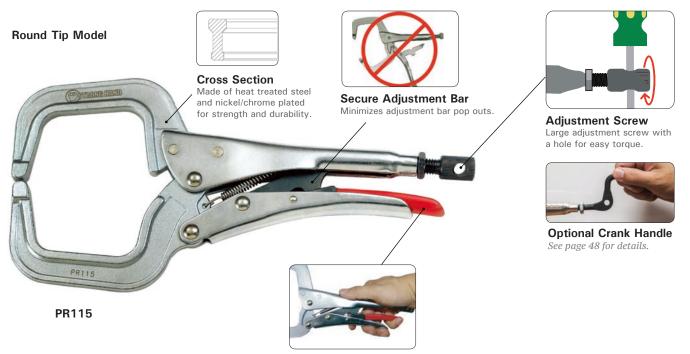
* Magnetic V-Pads and Stainless Steel V-Pads (Part No. XFVS) also

Pipe Pliers are the convenient way to hold round pipes for: BUTT-WELDING and CROSS JOINTS.



Part No.	Top V-Pad	Bottom V-Pad	Throat Depth (mm)	Opening (mm)	Thread	OAL (mm)	Weight (kg)
PG622V	Fixed	Fixed	50	25 - 50	M8	150	0.4
PG634V	Fixed	Fixed	76	50 - 80	M8	216	0.5
PG635V	Adjustable	Magnetic 0° & 45° rotatable	76	38 - 64	M8	216	0.5
PG635VS	Adjustable Stainless Steel	<i>Stainless Steel</i> 0° & 45° rotatable	76	38 - 64	M8	216	0.5
PG114V	Fixed	Fixed	89	38 - 64	M10	280	1.3
PG115V	Adjustable	Fixed	89	38 - 64	M10	280	1.3
PGT621	_	-	50	6 ~ 38	M8	150	0.4

Made of heat treated steel and nickel/chrome plated for strength and durability. Updated features help you work quickly, safely and efficiently.



Single Hand Release Handle Vinyl coated release handles made for comfort and ease.



	Part No.	OAL (mm)	Throat Depth (mm)	Opening (mm)	Weight (kg)
Round Tip	PR6	165	46	56	0.2
	PR115	280	83	100	0.9
	PR18	450	254	114	1.4
Swivel Pad	PR6S	165	46	56	0.3
	PR115S	280	83	100	1.0
	PR18S	450	254	114	1.4



MULTI-PURPOSE PLIERS

One swivel pad spindle and a fixed head spindle for flexible clamping. Threaded jaw holes allow addition of accessories.



Part No.	OAL (mm)	Throat Depth (mm)	Opening (mm)	Thread	Weight (kg)
PG634	216	76	100	M8	0.5
PG114	280	89	100	M10	0.9

ADJUSTABLE REACH AND LONG REACH MULTI-PURPOSE PLIERS

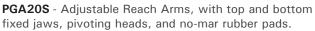
Thread : M10 | Opening : 100 mm

PGA20M - Adjustable Reach Arms

Top Adjustable Spindle: No-mar rubber pads, pivoting head. Bottom Adjustable spindle: No-mar rubber pads, fixed head.









PGA20S



Part No.	OAL (mm)	Throat Depth (mm)	Weight (kg)
PGA20M	585 - 740	350,405,460,510	2.2
PGA20S	585 - 740	350,405,460,510	2.2

JointMaster[™] Angle Clamping Tools

Fast, precise and affordable clamping tools for corners and T-joints.

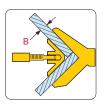
PL634

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.
- Comes with 1 pair of pliers.







Capacity (B): PL634 : 0 - 32 mm



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.





Capacity (B): PT634 : 0 - 76 mm

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.

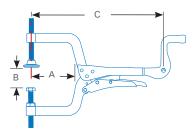




Capacity (B): PA634 : 0 - 76 mm

PL / PT / PA Series

Spring-loaded top spindle + easy trigger + PATENTED crank handle



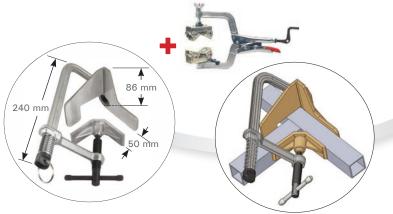
Part No.	Throat Depth (A) (mm)	Max. Capacity (B) (mm)	OAL (C) (mm)	Weight (kg)
PL634	76	32	216	0.5
PT634	76	76	216	1.1
PA634	76	76	216	1.1



PORTABLE 3-AXIS CLAMP KIT

Kit includes: Spring Loaded L Clamp w/ 3-Axis Bracket + Pipe Pliers

- Light and easy to use. Set up 3-Axis stock before tack welding.
- Wide opening provides unobstructed welding access. •
- Pipe Pliers [included] holds 3-axis stock in position; 38 64 mm • capacity. 216 mm OAL.





Pipe Pliers (Part No. PG635V) included in UDL365K

Part No.	Description	Weight (KG)
UDL365K	Kit includes: Spring Loaded L Clamp w/ 3-Axis Bracket (UDL365) + Pipe Pliers	1.4

EXPAND-O[™] PLIERS

Unique, Reverse-Action Clamping Pliers! Jaws move in opposite directions to push against two surfaces. TENTED PE10M Min. Align to fit holes Expand brackets • **Optional Pipe Adaptors** Attach 12.7 mm NPT pipes for wide spreading jobs. See Accessories page 48. Insert panel into U-Channel Separate cabinet

Part No.	OAL (mm)	Clamping Pressure (kg)	Thread (mm)	Min. (mm)	Stroke (mm)	Weight (kg)
PE6M	165	227	M8	25	19	0.2
PE10M	254	410	M10	35	35	0.8

2 and 3 Axis Fixture Vises

Welders Angle Clamps

2-AXIS WELDERS ANGLE CLAMPS

Made with machined cast iron. Featuring these improvements:

- WAC35D and WAC45 have Machined outside . faces - usable for upright joint
- Stand-off increases access .

Ā

Jaw

Length (D) ۷

25 mm

Base

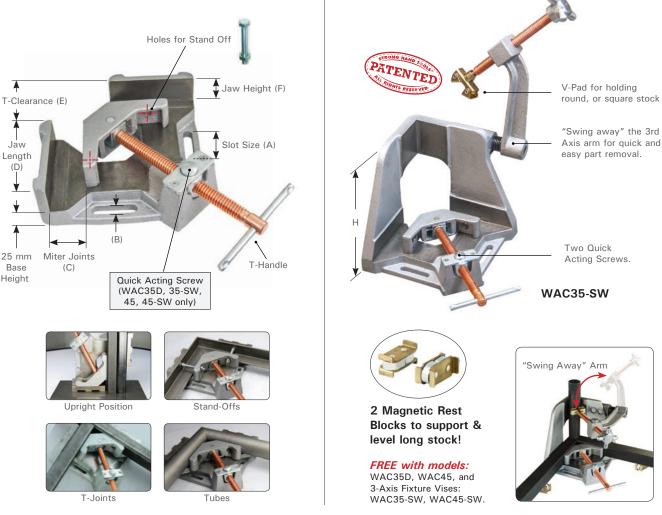
Height

• Quick acting screw on deluxe models

3-AXIS WELDERS ANGLE CLAMPS

Holds a 3-axis workpiece in position before welding. Features the QUICK ACTING SCREWS and "SWING AWAY" Arm.

Hold parts in position during cool down to minimize distortion due to contraction.



				Features			_	_	_	_	_	_		
	Part No.	Quick Acting Screw	2x Stand- offs	2x Magnetic Rest Blocks	Swing Away Arm	Machined on Outside Faces	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	Weight (kg)
	WAC22						35.5	11	63.5	80	47	33	-	2.8
2-Axis	WAC34						40	11	95	107	64	35	-	4.3
2-A	WAC35D						40	11	95	107	64	35	-	4.5
	WAC45						51	11	125	135	103	64	-	10
Axis	WAC35-SW						42	11	95	120	64	36	210	11
3-A	WAC45-SW						51	11	125	135	103	64	245	16



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.

Part No.	A	B	Jaw Height	Weight
	(mm)	(mm)	(mm)	(kg)
LF-2	180	38	64	1.4



PORTABLE MAGVISE[™]

Use the lightweight, compact Portable MagVise for quick 90° clamping in the shop, or in the field!

Magnets in the walls instantly hold pipes, tubes, angle iron, or metal plates in position for fast, accurate clamping at 90°.

Features the Quick-Acting Adjustable Spindle. Press and hold the Quick Acting Button and the spindle assembly slides in and out for a super fast set-up! Release the button and the threads re-engage for tightening. Quick Acting Button



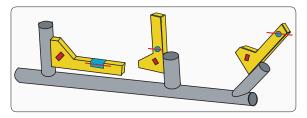


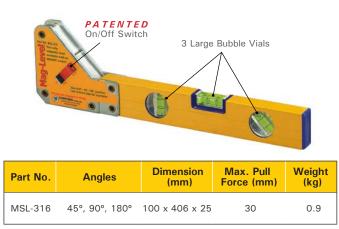
The rotatable spindle allows for holding work-pieces with different thicknesses.

Part No.	Features	Miter Joints (mm)	Jaw Length (mm)	T-Clearance (mm)	Jaw Height (mm)	Weight (kg)
WK50	MagVise" with Adjustable Spindle	25	85	30	50	0.8

MAG-LEVEL

- The only magnetic level with the On/Off switch.
- Holds securely to round and flat surfaces.
- Three vials for 0°, 45°, 90° reading.



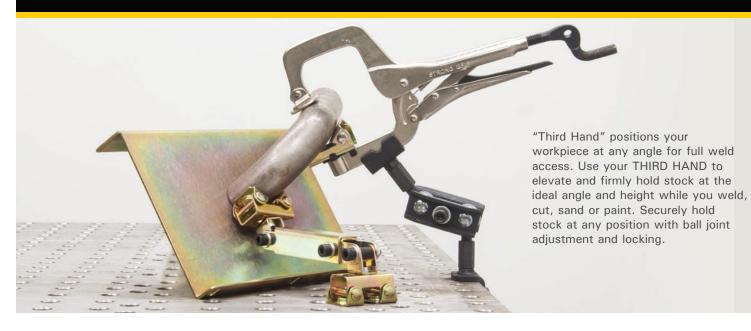


*Magnetic force is based on 10 mm thick steel.

A Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

The Third Hand Modular Clamps

FULLY articulated, FULLY adjustable.









(Use with Big Mouth Pliers)



(Use with Utility Clamp UDV65)



Hold sheet metal / plexiglass.

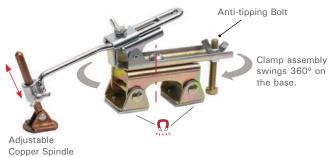
Part No.	Description	Weight (kg)
HAS42	Universal C-Clamp Base Model	1.1
HAS40	Welding Table Base Model	1.6

Grasshoppers

Use the "third hand" to steady parts for tack welding! Safe and convenient!







DELUXE Magnetic Model - AGH240 / AGH270



jobs. Pinpoint holding provides maximum clearance for tack welds.

Magnetic Model - AGH200 / AGH230

Part No.	Feature	Magnetic V-Pad Base	Anti-tipping Bolt	Max. OAL (mm)	Width x Height (mm)	Weight (kg)
AGH240	Copper Spindle			190	64 x 88	0.4
AGH270	Copper Spindle			250	100 x 115	0.8
AGH200	Brass Contact			203	64 x 76	0.3
AGH230	Brass Contact			234	100 x 100	0.6

A Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.



Part No.	Product Includes	Max. OAL (mm)	Width x Height (mm)	Weight (kg
AGH130P	Three Brass Contacts, Copper Ribbon, Spring Clip Attachment	300	114 x 102	0.7
AGH130	Brass Contact	300	114 x 102	0.7

High clamping pressure improves arc stability and reduces power consumption.

POWERBASE[™] GROUNDING MAGNETS





Turn OFF the PowerBase[®] Grounding Magnet and metal chips fall away.

Power through your grounding applications! Start grounding instantly!

- The PowerBase[®] Grounding Magnet sets up quickly and easily.
 - Powerful rare earth magnet delivers heavy duty holding power.
- The "V" machined surface grips round parts.
- The copper connector stud allows for better conductivity.







Large copper connector for better conductivity. Holds securely onto round or flat surfaces.

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

Part No.	Amperage	Dimension (mm)	Magnetic Force (kg)	Weight (kg)
GM203	300A @ 60% Duty Cycle	50 x 50 x 64	20	0.5
GM205	500A @ 60% Duty Cycle	50 x 70 x 64	50	1.1

*Magnetic force is based on 10 mm thick steel.

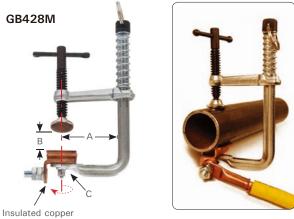
A Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

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.

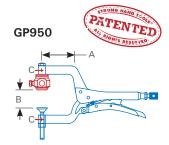


Insulated copper contact swivels

GROUND HOG[™] CLAMP 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.





Ground Hog[™] Rated at 450 AMPS @ 60% duty cycle (with 2/0 cable)

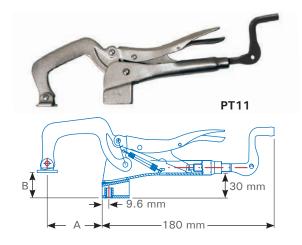
Part No.	Amperage / Cable Size	Throat Depth (A) (mm)	Max. Capacity (B) (mm)	Tapped Hole (C)	Clamping Pressure (kg)	OAL (mm)	Weight (kg)
GB428M	300A /	64	75	M6	100	180	0.4
GP950	450A / 2/0 - 0.8	89	64	M10	180	280	1.1

TABLE MOUNT LOCKING C-CLAMPS

Mounts directly to any work bench, drill press and fixtures.

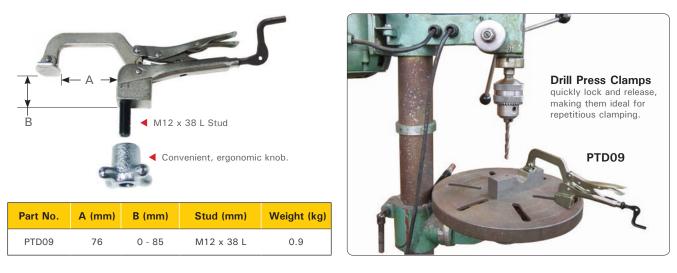
- Mounting base hole accepts standard M8 bolts and uses push-down action to hold your workpiece securely.
- Use the Crank-Handle for pressure adjustment.
- Rapid lock and release. Ideal for repetitious clamping.

Part No.	Throat Depth (A) (mm)	Max. Capacity (B) (mm)	Mount Thread	Weight (kg)
PT11	86	100	M8	0.7
PT14	155	120	M8	0.9



DRILL PRESS CLAMP

Secure the Drill Press Clamp to any surface, up to 25 mm thick.



CRANK HANDLE FOR ALL OUR PLIERS

Can be purchased separately. (See accessories page 48.)

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.



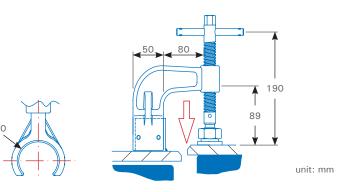
Part No.	Thread	For Pliers
PXCM6	M6	For 125 mm, 150 mm, 215 mm Pliers
PXCM8	M8	For 175 mm, 200 mm, 230 mm Pliers
PXCM10	M10	For 250 mm, 280 mm, 300 mm Pliers
PXCM12	M12	For 230 mm, 250 mm, 280 mm, 355 mm Pliers

Hold down action clamps with unique features and accessories.

HALF CLAMP

The Efficient, Safe Way to Align Materials. The DOG & WEDGE and CUT-OFF C-CLAMP methods of material alignment are messy, time consuming, and unsafe!

- Align materials in the fabrication of water tanks, bulkheads, deck sections, flat plates, etc.
- For big jobs, tack weld additional 48 mm cut pipes along the joint.





Part No.	Weight (kg)
VHC15	2.2

How to Use

Tack weld the front side of 48 mm pipe coupon to the lower of the two surfaces



Slide Half Clamp onto the cut pipe, turn the handle until the misaligned materials align.

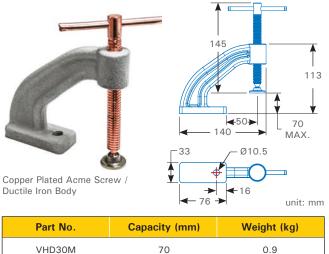


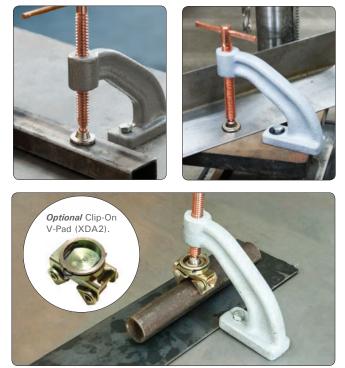
Use the rear slot on the Half Clamp to easily break off the coupon.

HOLD DOWN CLAMP

Bolt the clamp down to your worktable using the \emptyset 10.5 mm hole in the base.

- The 12.5 mm 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, Part No. XDA2. (See page 49 for details.)







SIDE CLAMP

Build push-action clamp to custom heights. Insert pipe (40 mm dia.) of desired length. Base can be bolt-mounted to the table.



MAGNETIC PLUG WELDING TOOL





The hands-free tool for fast, high quality hole welds!

- The pivoting magnetic v-pad base quickly mounts on curved steel panels.
- The spring-loaded arm makes it easy to just "place and weld."
- Long arm protects the magnetic base from heat damage.

This handy, compact tool saves time and labor for efficient, clean welding of holes, joints, and seams in steel panels. Easy to use, even in tight, hard to reach spots.

The thick copper pad dissipates heat and won't stick to the weld. Get a precise, clean, higher quality flat weld with less panel distortion.

Part No.	L x W x H (mm)	Weight (kg)
AGK320	140 x 41 x 46	0.2

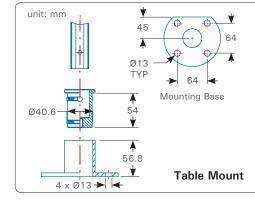
▲ Must be used for tack welding only and removed before completing weld. Avoid prolonged exposure of magnetic products to heat sources of 176°F / 80°C.

MODULAR PLATEN CLAMPS

For fast, secure clamping, simply insert the clamp into the 44.2 mm square hole in your acorn platen. Slide the clamp arm down to the work piece and turn the T-Handle to tighten.

- Choose from Acorn Bushing or Table Mount Models.
- Clamp comes with standard or heavy duty Swivel Pads.
- Unique optional Side-Kick Attachment provides push-action horizontal clamping force. (See accessories page 48)
- Optional V-Pads can be mounted on the Sliding Arm or Side-Kick Attachment. (See accessories page 48)





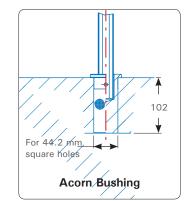


Table Mount

Part No.	Rail Size	Pad	Opening (mm)	Throat (mm)	Weight (kg)
UF8NC	"F"	Standard	203	120	2.2
UF10NC	"F"	Standard	254	120	2.2
UF12NC	"F"	Standard	305	120	2.4
UM12NC	"M"	HD	305	140	3.6
UM16NC	"M"	HD	406	140	4.0
UM20NC	"M"	HD	508	140	4.3

Acorn Bushing

Part No.	Rail Size	Pad	Opening (mm)	Throat (mm)	Weight (kg)
UF8NA	"F"	Standard	203	120	2.3
UF10NA	"F"	Standard	254	120	2.4
UF12NA	"F"	Standard	305	120	2.4
UM12NA	"M"	HD	305	140	3.6
UM16NA	"M"	HD	406	140	4.0
UM20NA	"M"	HD	508	140	4.4

SCREW-ON V-PAD

Attach to the top of Utility Clamps equipped with Heavy Duty Pads. (See Page 49 for details.)

ХМА





SLIDE-ON SIDEKICKS

Mount onto Clamps for 2-axis horizontal clamping. (See Page 48 for details.)





NOMAD[™] Economy Welding Table & Tool Kit

Very Affordable. Fully Adjustable. Easily Movable.



The Nomad Economy Welding Table is engineered to provide a safe, transportable, affordable, and versatile welding surface.



The MagSpring" Clamps can be inserted into the 28 mm slots on the Nomad" Tabletop for hold down clamping. Magnetic V-Pad jaw holds underneath the table to keep the clamp in the up-right, "ready to use" position.

Stabilize the Ineven surfa				Flat	30°	Folded
Part No.	Tabletop Size (mm)	Table Height Range (mm)	Slot in Tabletop (mm)	Table Positions	Load Capacity (kg)	Weight (kg
TS3020	760 W x 510 L	660 - 810	28	0°, 30°, Folded	160	20

The Nomad Economy Tool Kit is ideal for clamping and positioning stock on the Nomad Table.



NOMAD[™] CONNECTOR PLATE

Need more tabletop workspace? Use the Nomad[®] Connector Plate to join two Nomad Tables together to create a 2.3 m long workstation!

Clamp and work on larger projects, or multiple projects with the fully adjustable work surface! There are thru holes on all four sides of the Connector Plate for multiple mounting options.



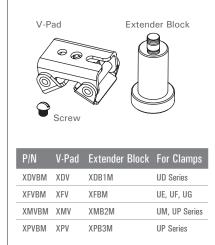
TSL30 (Includes all mounting screws)

Part No.	Weight (kg)
TSL30	7.4



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

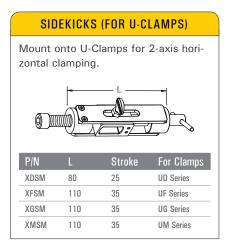
Convert all Utility Clamps into 4-IN-1 Clamps. Includes a V-pad, an Extender Block, and a screw.



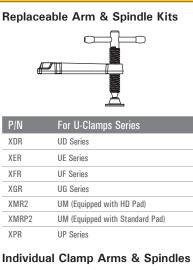
EXTENDER BLOCKS (FOR U-CLAMPS)

Attach to U-Clamps for Step-Over and Spreading applications.

				⁻ hread	
	P/N	Thread	D	L	For Clamps
	XDB1M	M8	16	25	UD Series
	XFBM	M10	18	51	UE, UF, UG Series
-	XMB2M	M10	22	51	UM, UP Series
	XPB3M	M10	28	75	UP Series



U-CLAMPS REPLACEABLE PARTS

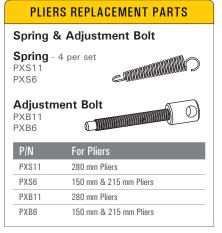


XMAR55-W XMT XPT P/N Description XMT Spindle for UM Series XPT Spindle for UP Series XMAR55-W XMAR55-W Clamp Arm for UM Series XPAR Clamp Arm for UP Series

Spring Stop Replacement Kit

 P/N
 Description

 XLK
 For UE, UF, UG & UM Series clamps.

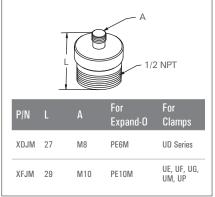


Heavy Duty Replacement joints and pads for UM & UP clamps. XM.I XMA1 (Roll pin included) P/N Description Joint & Pad Kit for UM & UP Clamps XMJ XMA1 Replacement Pad only Spring-loaded standard pads P/N For U-Clamps Series XDP UB, UD Series XFP UE, UF, UG Series

REPLACEABLE PADS

PIPE ADAPTORS (FOR EXPAND-0)

Attach to Expand-O Pliers for wide spreading jobs and U-Clamps for Step-Over applications.



CRANK HANDLES (FOR PLIERS)

 For all Strong Hand Tools® Pliers.

 Prime
 For Pliers

 PXCM12
 M12
 230, 250, 280, 355 mm Pliers

 PXCM10
 M10
 250, 280, 300 mm Pliers

 PXCM8
 M8
 175, 200, 300 mm Pliers

 PXCM6
 M6
 125, 150, 215 mm Pliers

Tel : 562.949.8625



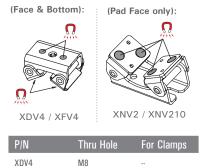
MAG. V-PADS (2 MAGNETS)

Rare earth magnetic V-Pads for holding round and angled pipes.

(Pad Fa	ce only):	(Bot	tom only):
XDV	2 / XFV2	XD	V3 / XFV3
P/N	Thru Hole	For Clamps	For Pliers
XDV2	M8	UD Series	PG622 / PG634
XDV3	M8		
XFV2	M10	UE, UF, UG Series	PG114 / PG134M PG204M / PGA20M
XFV3	M10		

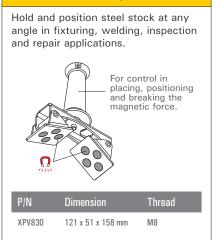
MAG. V-PADS (4 MAGNETS)

Rare earth magnetic V-Pads for holding round and angled pipes.

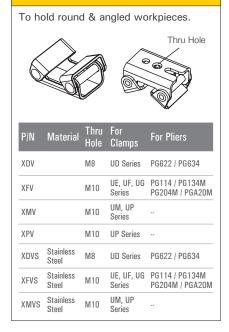


XDV4	M8	
XFV4	M10	
XNV2	M10	UM, UP Series
XNV210	M8	

MAG. V-PADS W/ HANDLES



STANDARD V-PADS



TOP V-PADS (FOR U-CLAMPS)

Attach to the top of Utility Clamps equipped with Standard Pads.



» For Light Duty & Value Series

P/N	Material	For U-Clamps Series
XDA2		UD Series
XFA2		UE, UF, UG Series
XMA2		UM, UP Series
XDA2S	Stainless Steel	UD Series
XFA2S	Stainless Steel	UE, UF, UG Series
XMA2S	Stainless Steel	UM, UP Series

Screw-On V-Pads

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



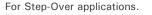
» For Regular and Heavy Duty Series
 P/N Material For U-Clamps Series
 XMA UM, UP Series
 XMAS Stainless Steel UM, UP Series

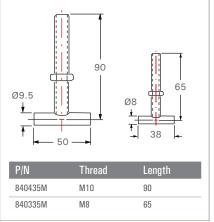
MAGNETIC TOP V-PADS

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



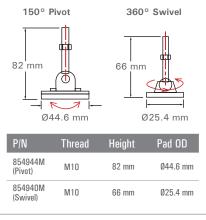
T-STRAP BOLTS (FOR PLIERS)





SWIVEL / PIVOT PADS (FOR PLIERS)

Flat pads pivot at 150° and round pad swivels at 360°.



Modular BuildPro[®] Tube & Pipe Notcher

Notch tubes and pipes at the accurate angle and length. www.BuildProTables.com

Mount your BuildPro[®] Tube & Pipe Notcher on the: BuildPro[®], Rhino Cart[®], or FixturePoint[™] Welding Tables or BuildPro[®] Fixturing Plates.

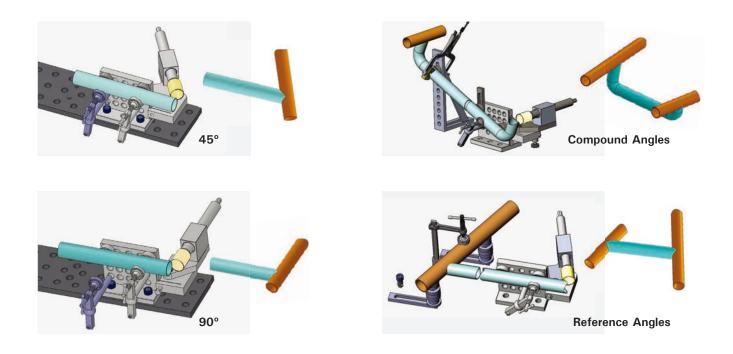
The 1st notch in a tube or pipe is easily completed with a drill press. The BuildPro[®] Tube & Pipe Notcher makes alignment and length control of the 2nd notch easy to complete accurately.





Notch 25 - 63.5 mm OD pipes or square tubes at any angle, or off-center. Position the two V-Blocks and clamp as needed.

In the examples below, the BuildPro[®] Tube & Pipe Notcher is used to notch workpieces as needed to fit seamlessly into a final assembly:





Toggle Clamps Ideal time-saving jig and fixture clamps. www.goodhandinc.com



Components Standard Machine Parts & Tooling Components. www.valtrainc.com

Cam Action Clamps

Adjustable Handles

Rotary T-Slot Nuts

Vertical Handle Hold Down Action



Push/Pull Straight Line Action



Cam Type Hold Down Action



F-Type Pull Down Action



Yoke Assemblies



Horizontal Handle **Hold Down Action**



Latch Type **Pull Action**



Toggle Pliers Squeeze Action



Pneumatic Power



Heavy Duty Weldable Hold Down Action



Bedding Supports



Forged Adjusta-Clamps



Center Cam Clamps



Handwheels





Handknobs Cap Screw Hook Clamps







Speed Ball Handles

Lifting Eyebolts







Heavy Duty Fixed Glides

T-Slot Bolts Clamping Levers







T-Strap Bolts

Plain Eyebolts



Contact us for complete catalog.

BuildPro® Welding Tables

Faster Fixturing · Consistent Results · Greater Productivity www.BuildProTables.com

The affordable, 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.



Siegmund®

Heavy Duty Welding Tables and Clamping Systems. www.siegmundtables.com

CNC machined 28 mm dia. holes cover the five table faces in a 100 mm grid pattern for flexibility in the design and set-up of fixtures.

Visible grid lines on the tabletop help you align and position your workpiece for fixturing.

All Siegmund Welding Tables feature a plasma nitride finish for superior surface hardness, improved load capacity, long life, and protection against weld spatter and corrosion.

Siegmund Welding Tables feature a ONE PIECE, FIVE-FACE design with 25 mm thick reinforced steel plate for an extremely rigid and flat work surface.



Contact us for catalog.

siegmund

Rhino Cart[®]

Mobile Fixturing Station www.rhino-cart.com



Charge right through your most challenging projects!

The PATENTED Rhino Cart® Mobile Fixturing Station is a turnkey system for fixturing and clamping in welding and fabrication. Clamp and fixture at any point on the reversible, flat, nitrided (heat treated) 1,200 x 750 mm tabletop for accuracy in all of your setups. Be ready to handle any job with the Rhino $\operatorname{Cart}^{\circ}$ package, including: The Rhino Cart[®] Welding Table + 66 pc. Fixture Kit.



with the Clamps and Components in the BuildPro® Welding Table product line.

FixturePoint[™] Jig & Fixture Tables

Affordable Modular Fixturing www.StrongHandTools.com

The economy priced FixturePoint[™] Tables are ideal for the setup of 2D frames and other basic fixtures.

Choose from three clamp and component kits that mate to the 16 mm holes on the 900 x 600 mm tabletop.

The FixturePoint[™] tabletop can be detached from the leg frame for placement on alternate work surfaces as needed.



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Address:	8750 Pioneer Blvd.,
	Santa Fe Springs, CA 90670, U.S.A.
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