

WELDING MAGNETS | WELDING CLAMPS
WELDING PLIERS | WELDING TABLES



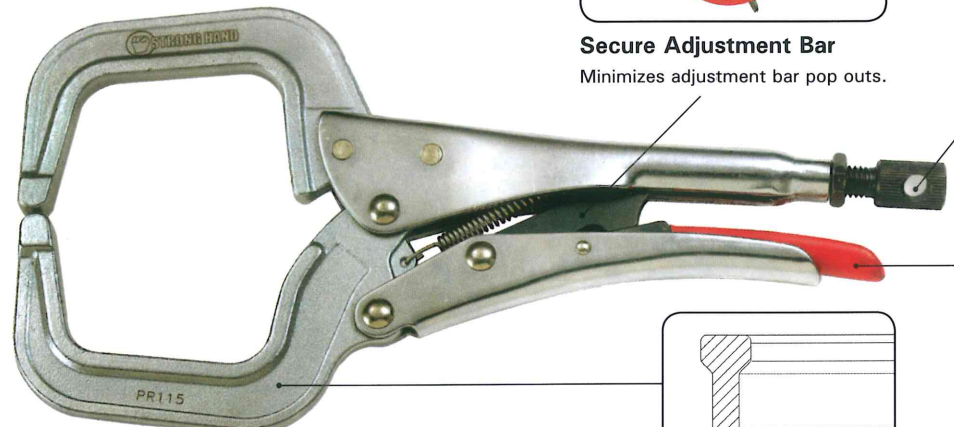
leonerusso.com
WELDING AND CUTTING PRODUCTS


Improved Locking C-Clamps

Improved features for professionals and Do-It-Yourselfers.

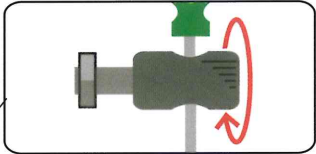
Made of heat treated steel and nickel/chrome plated for strength and durability. Updated features help you work quickly, safely and efficiently.

Round Tip Model PR115






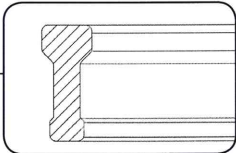
Secure Adjustment Bar
Minimizes adjustment bar pop outs.



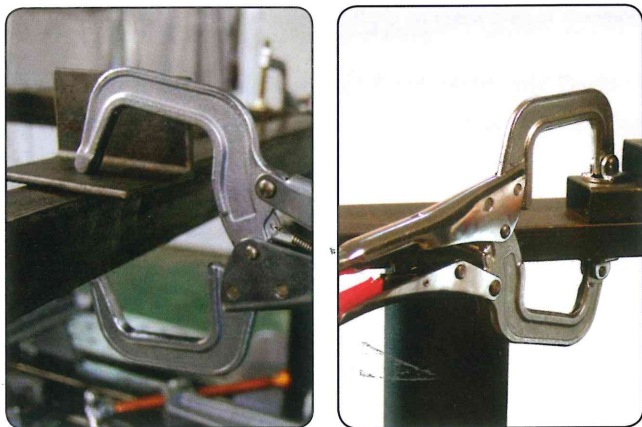
Adjustment Screw
Large adjustment screw with a hole for easy torque.



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

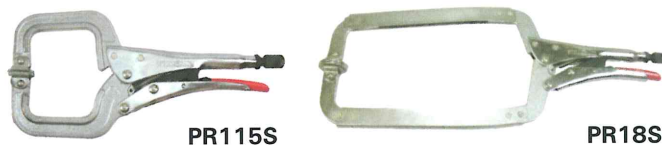


Cross Section
Made of heat treated steel and nickel/chrome plated for strength and durability.



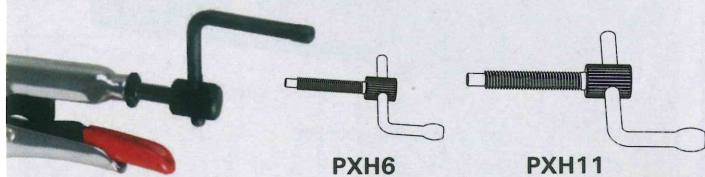
	Part No.	OAL (mm)	Throat Depth (mm)	Opening (mm)	Weight (kg)
Round Tip	PR6	165	46	56	0.2
	PR115	280	83	100	0.9
	PR18	450	254	114	1.4
Swivel Pad	PR6S	165	46	56	0.3
	PR115S	280	83	100	1.0
	PR18S	450	254	114	1.4

Swivel Pad Models



Add the crank handle accessory to the Improved Locking C-Clamps to:

- Increase torque.
- Pre-set the Plier opening for repetitious clamping applications.
- Loosen the Plier before unlocking.



Optional Crank Handle:

Can be purchased separately. (See accessories page)

Part No.	For Pliers
PXH6	For 152 mm, 216 mm Pliers
PXH11	For 280 mm Pliers

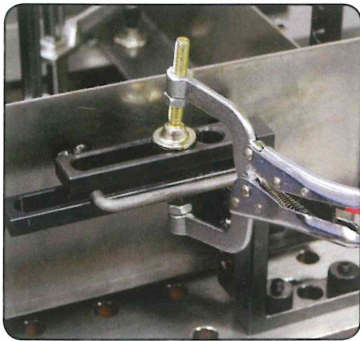
Multi-Purpose Pliers

Swivel and fixed head spindles for flexibility in clamping.

Multi-Purpose Pliers

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

PG622



PG134



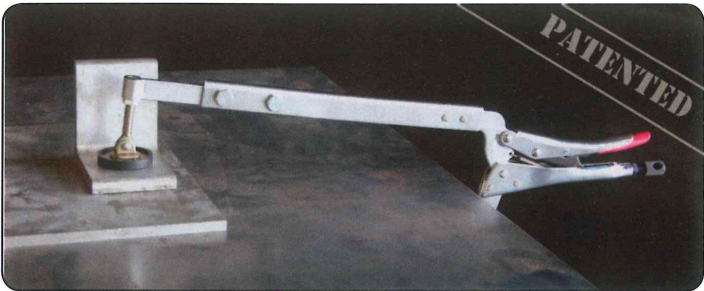
Part No.	OAL (mm)	Throat Depth (mm)	Opening (mm)	Thread	Weight (kg)
PG622	150	50	64	M8	0.2
PG634	216	76	100	M8	0.5
PG114M	280	89	100	M10	1.4
PG134M	330	140	100	M10	0.3

Adjustable Reach and Long Reach Multi-Purpose Pliers

Thread : M10 | Opening : 100 mm



PGA20
Adjustable Reach



PP20

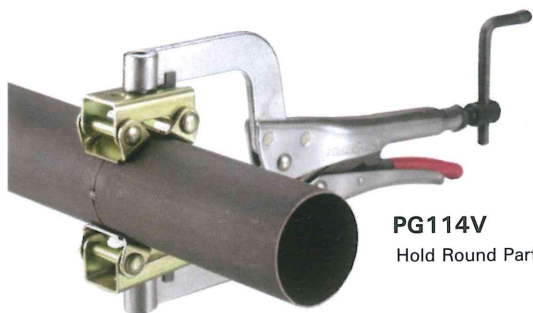
Rubber Pads for Adjustable Reach / Long Reach Pliers
2 sets per package

- For PG204 & PGA20
Part No : PP20
- For PGA20S
Part No : PP20S

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

Pipe Pliers & Expand-O Pliers

The convenient way to hold round or square tubes for butt-welding.



PG114V

Hold Round Parts Securely!



PG622V / PG634V / PG114V



PG635V

The V-Pads on the Pipe Pliers adapt to many different shapes & sizes.



Features:

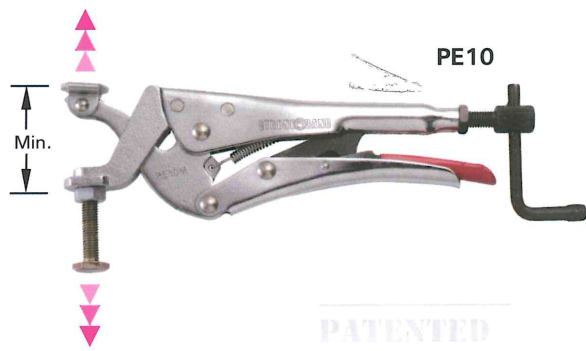
- Wide opening allows the Pipe Pliers to hold up to 64 mm diameter pipes.
- Adjustable top spindle for holding pipes of varying sizes.
- 2 large V-Pads provide a better clamping surface.
- 0° & 45° angle clip allows angled clamping.

Part No.	Feature	OAL (mm)	Throat Depth (mm)	Opening (mm)	Thread	Weight (kg)
PG622V	150 mm Pliers Fixed V-Pads (2x XDV)	150	50	25 - 50	M8	0.4
PG634V	216 mm Pliers Fixed V-Pads (2x XDV)	216	76	50 - 80	M8	0.5
PG635V	216 mm Pliers Adjustable Top V-Pad Spindle Large V-Pads (XfV & XfV2)	216	76	38 - 64	M8	0.5
PG114VM	280 mm Pliers Fixed Large V-Pads (2x XfV)	280	89	38 - 64	M10	1.3

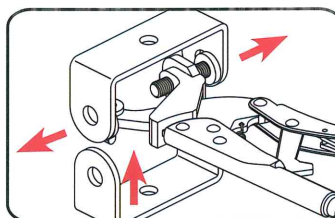
Expand-O Pliers Patent No. US 6,993,999 B2

Unique, Reverse-Action Clamping Pliers!

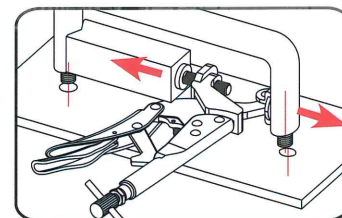
Jaws move in opposite directions to push against two surfaces.



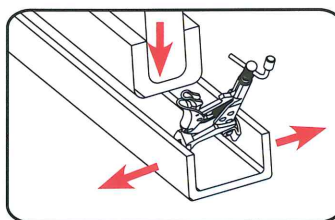
PE10



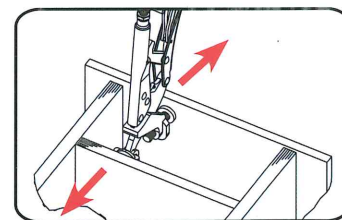
Expand brackets



Align to fit holes



Insert panel into U-channel



Separate cabinet

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

JointMaster™ Angle Clamping Tools

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

PL Series

The single-hand corner clamping tool.

- Ideal for quick hold and release on metal, wood & synthetic materials.
- A "helping hand" to hold stock firmly at right angles while creating or repairing permanent joints.
- PL Series comes with 1 pair of pliers.

PT Series

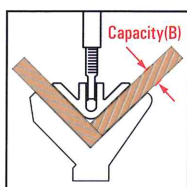
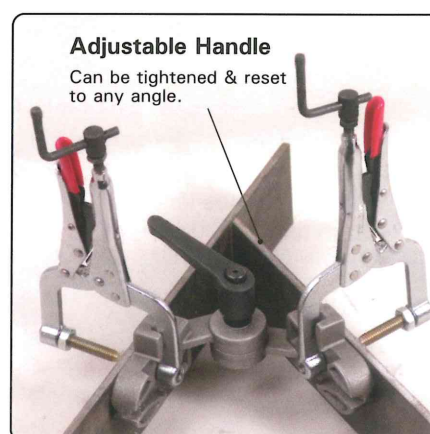
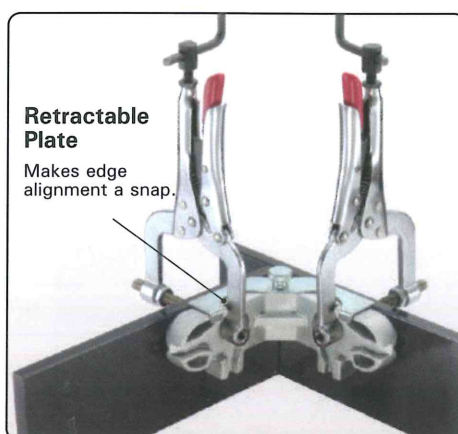
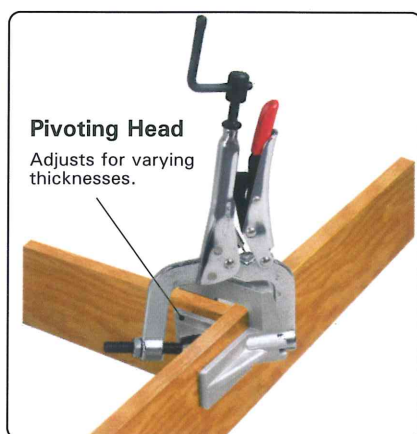
The 90° Fixed JointMaster™

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

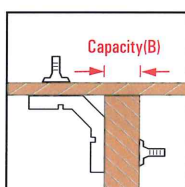
PA Series

The Adjustable JointMaster™

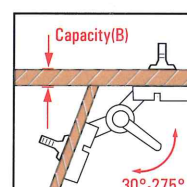
- Adjustable from 30° - 275°.
- Adjust to the desired angle & "lock" into position with the handle.
- Join round & flat workpieces, or materials with different thicknesses.
- PA Series comes with 2 pairs of pliers.



Capacity (B):
PL622 : 0 - 19 mm
PL634 : 0 - 32 mm



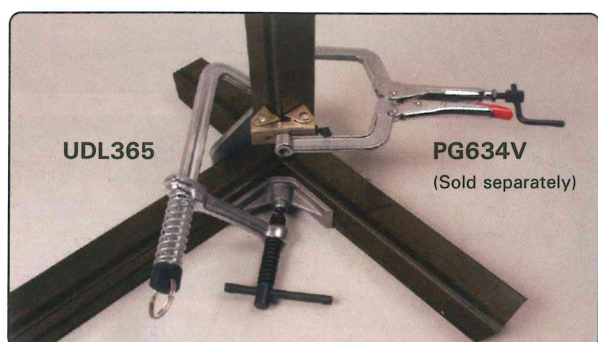
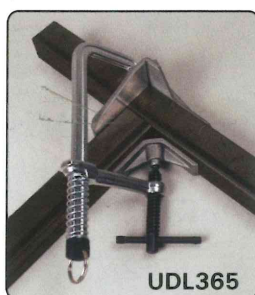
Capacity (B):
PT622 : 0 - 32 mm
PT634 : 0 - 76 mm



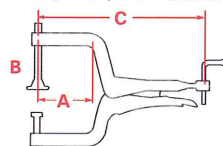
Capacity (B):
PA622 : 0 - 32 mm
PA634 : 0 - 76 mm

90° Clamp

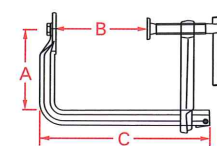
- A quick way to hold workpieces at 90°.
- Capable of holding a 3-axis workpiece by adding a Pipe Pliers (see pg.18).
- Wide opening offers unobstructed welding access.



PL / PT / PA Series



UDL365



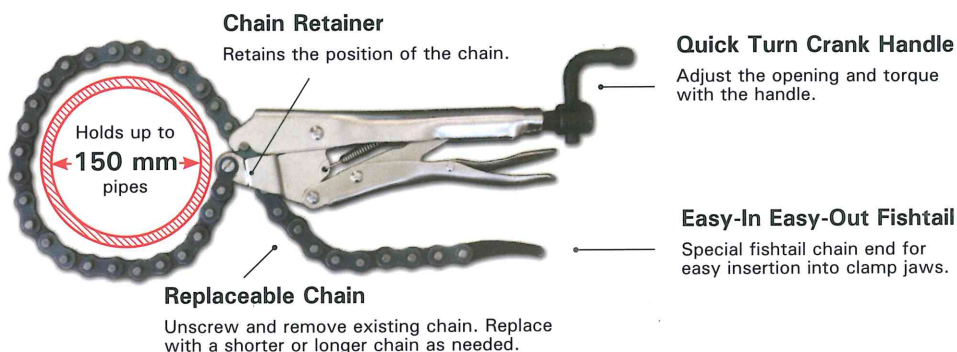
Part No.	Throat Depth (A) (mm)	Max. Capacity (B) (mm)	OAL (C) (mm)	Weight (kg)
PL622	50	19	190	0.5
PL634	76	32	216	0.5
PT622	50	32	190	0.7
PT634	76	76	216	1.1
PA622	50	32	190	0.9
PA634	76	76	216	1.1
UDL365	76	50	241	0.8

Locking Chain Pliers & Clamps

The flexibility to clamp around odd shaped items!

Locking Chain Pliers

Holds 152 mm pipes with the standard 60 mm chain.



- Clamp around odd or awkwardly shaped items.
- Hold two workpieces, or a group of materials securely in place while you weld.
- The **ONLY** Locking Chain Pliers with replaceable chains of various lengths! Chain lengths from 400 mm to 1,220 mm. **Custom length chains available.**
- Made of heat treated alloy steel for strength and durability.

Part No.	Description	OAL (mm)	Weight (kg)
PC924	Standard Chain Pliers with 600 mm chain	230	0.9
PXC16	406 mm Replaceable Chain	400	0.2
PXC36	914 mm Replaceable Chain	910	0.5
PXC48	1,219 mm Replaceable Chain	1,220	0.7

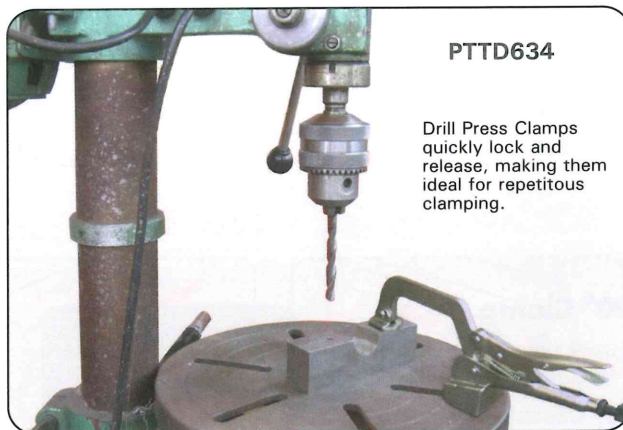
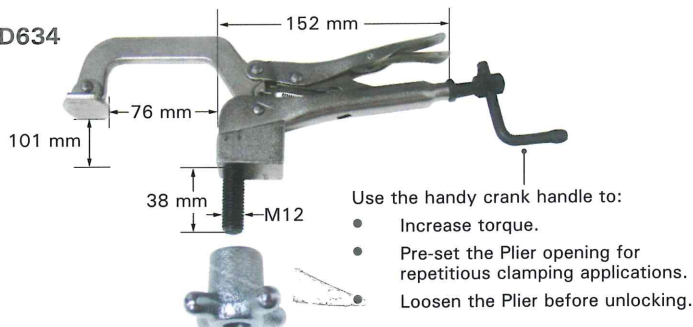
NEW

Drill Press Clamp

Secure the Drill Press Clamp to any surface, up to 25.4 mm thick.

- M12 x 38 mm L Stud and convenient, ergonomic zinc plated knob.
- Total Weight: 0.86 kg.

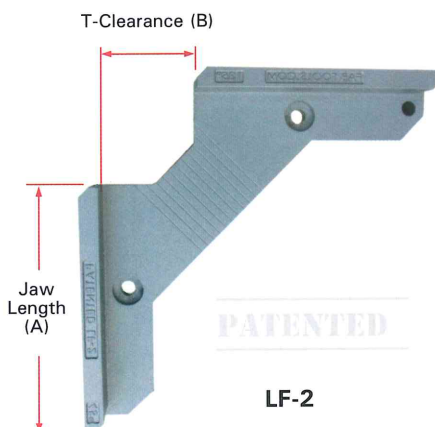
PTTD634



Aluminum 90° Tru-AngL

- Accurate Right Angle Fixture is CNC machined for accuracy.
- Weld spatter proof & made of high strength aluminum alloy.
- Holds round, square, flat and angle shapes.
- Works on both the outside and inside surfaces.

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

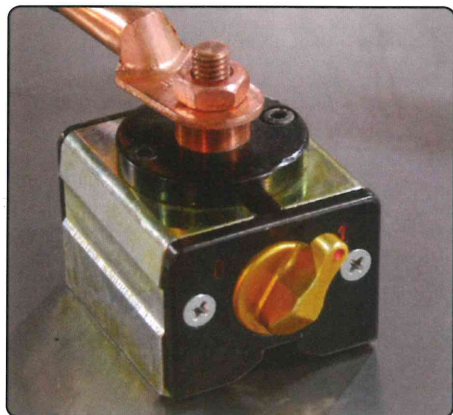


Pliers sold separately. Please refer to page 16.

PowerBase & Shark Clamps

Power through your grounding applications!

PowerBase™ Grounding Magnet



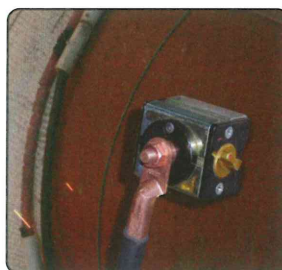
Turn OFF the PowerBase™ Grounding Magnet and metal chips fall away.

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.

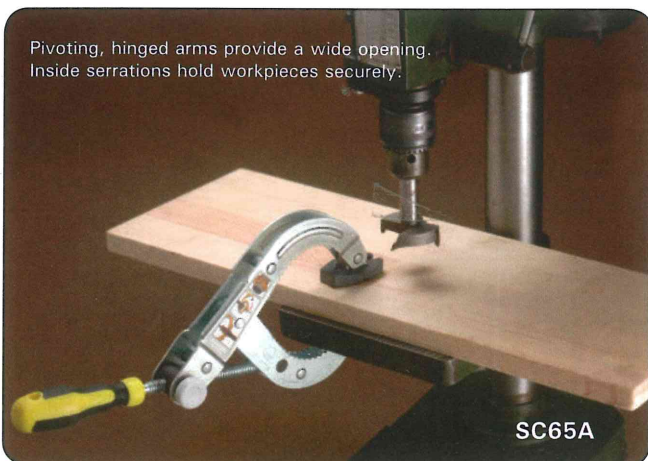


The ON/OFF Lever is easy to turn, even while wearing gloves.

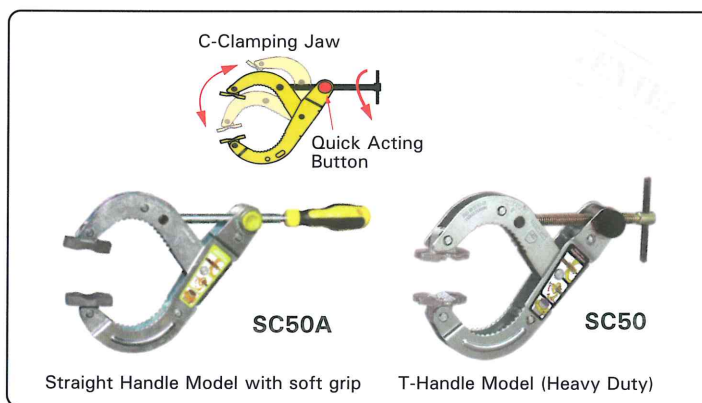
Part No.	Amperage	Dimension (mm)	Magnetic Force (kg)	Weight (kg)
GM203	300A @ 60% Duty Cycle	50 x 50 x 64	20	0.4
GM205	500A @ 60% Duty Cycle	50 x 70 x 64	50	1.1

Shark Clamps Patent No. US 6,983,012 B2

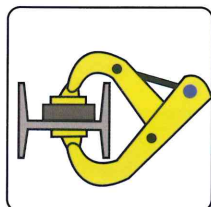
Fast Set-ups, just hold the button down and pull-push the handle to desired clamping position, release the button and turn the handle to tighten.



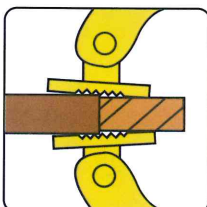
Shown with optional rubber pads. (P/N: SCP)



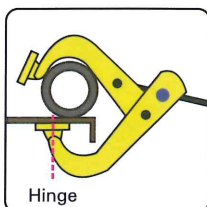
Part No.	Descriptions	Max. Pull Force (kg)	Opening (mm)	Weight (kg)
SC50	T-Handle	455	127	1.0
SC50A	Straight Handle	135	127	0.9
SC65	T-Handle	455	165	1.1
SC65A	Straight Handle	135	165	1.0



Step-Over Applications



Uneven Thicknesses



Clamp Round Parts

Welders Angle Clamps

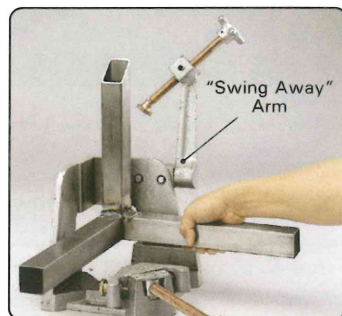
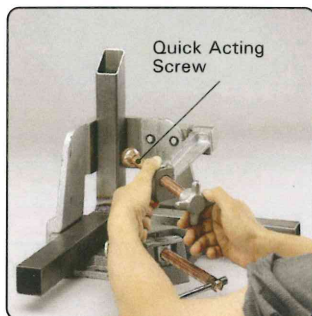
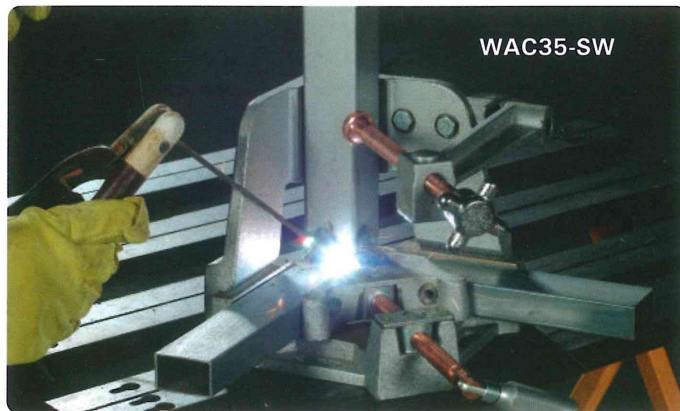
2 and 3 Axis Fixture Vises

3-Axis Welders Angle Clamps

Patent No. US 6,860,475 B2

Holds a 3-axis workpiece in position before welding.

- Features the **Quick Acting Screws** and **"Swing Away" Arm**.



WAC45-SW

120 mm Capacity!

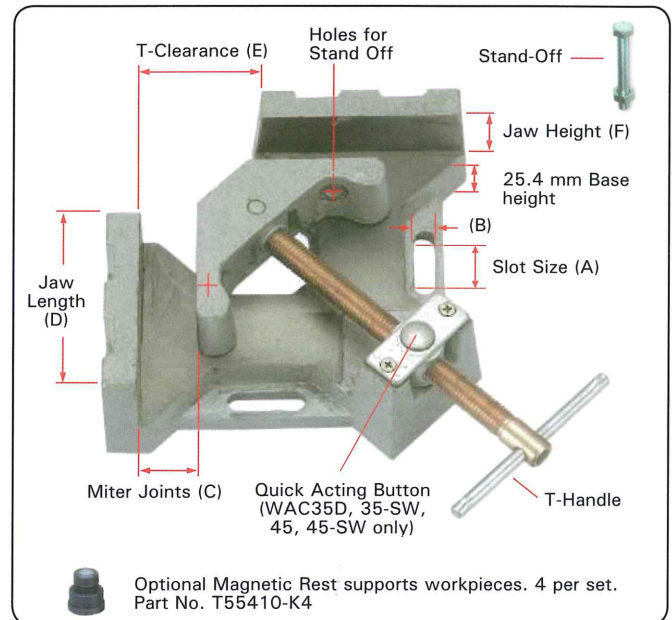


- With the push of the buttons, the threaded screws easily slide in and out.
- When the job is finished, simply "swing away" the 3rd Axis arm for quick and easy part removal.
- Hold parts in position during cool down to minimize distortion due to contraction.
- Available in 95 mm and 120 mm capacities. Model WAC45-SW comes with a curved arm for greater workpiece clearance.

2-Axis Welders Angle Clamps

Made with machined cast iron. Featuring these improvements:

- Machined outside faces - usable for upright joint
- Stand-off increases access
- Quick acting screw on deluxe models.



Upright Position



T-Joints



Stand-Offs



Tubes

	Part No.	Features	(A) (mm)	(B) (mm)	(C) (mm)	(D) (mm)	(E) (mm)	(F) (mm)	Weight (kg)
2-Axis	WAC22	Standard screw, Machined on two outside surfaces	23.9	8.1	56	90	47	33	4.0
	WAC34	Standard screw	30	11	95	122	62	35	5.0
	WAC35D	Quick Acting Screw, Two stand-offs, Machined on two outside faces	30	11	95	122	62	35	5.0
	WAC45	Quick Acting Screw, Two stand-offs, Machined on two outside faces	50.9	11.1	120	135	100	57	11.0
3-Axis	WAC35-SW	3-Axis Fixture, Quick Acting Screw, Two stand-offs "Swing Away" Arm	30	11	95	122	62	35	11.0
	WAC45-SW	3-Axis Fixture, Quick Acting Screw, Two stand-offs "Swing Away" Arm	50.9	11.1	120	135	100	57	20.0

Portable MagVise™

Time saving aluminum vises for use in the shop and in the field.

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°.

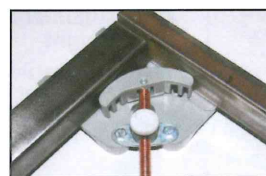
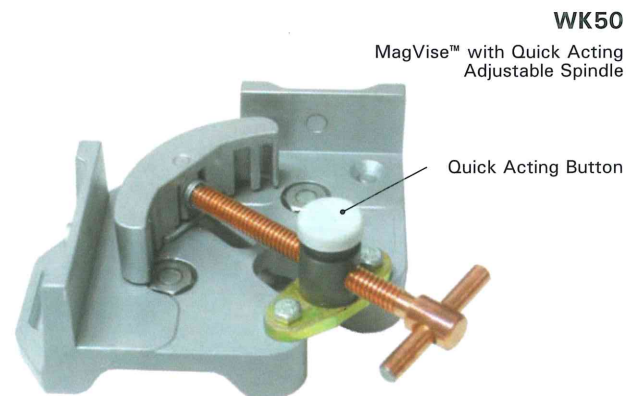
Model WK50

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.

Optional Magnetic Rests

Part No. T55410-K4
4 pcs. per set

These handy Magnetic Rests are ideal for light duty holding, positioning, or steadying long metal pieces and parts.



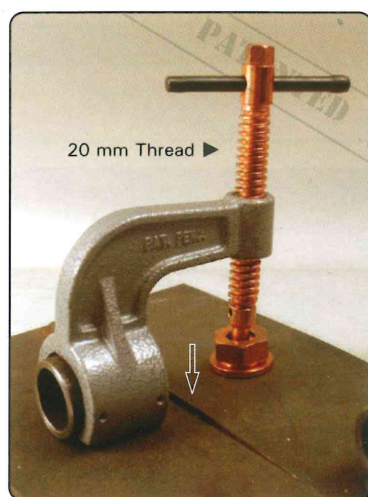
The rotatable spindle allows for holding work-pieces with different thicknesses.

Part No.	Miter Joints (mm)	Jaw Length (mm)	T-Clearance (mm)	Jaw Height (mm)	Weight (kg)
WK50	25	85	30	50	0.8

Half Clamps Patent No. US 6,983,525 B2

The Efficient, Safe Way to Align Materials.

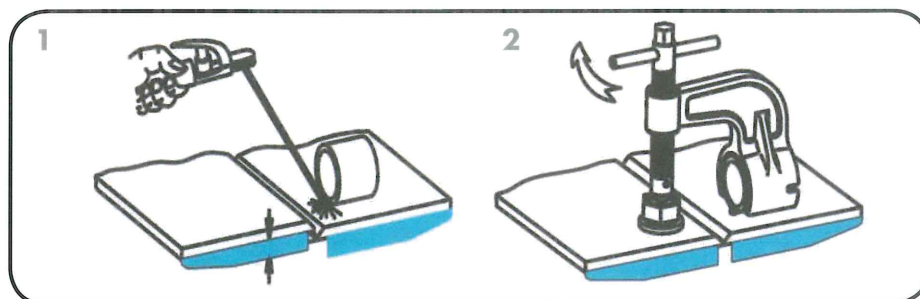
- The DOG & WEDGE and CUT-OFF C-CLAMP methods of material alignment are messy, time consuming, and unsafe!
- Align materials in the fabrication of water tanks, bulkheads, deck sections, flat plates, etc.
- For big jobs, tack weld additional 38 mm cut pipes along the joint.



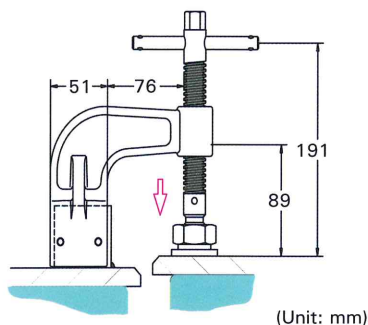
Copper Plated Acme Screw / Ductile Iron Body

Part No.	Weight (kg)
VHC15	1.7

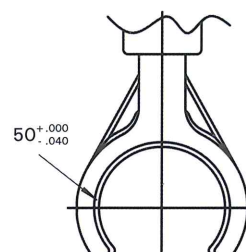
How to Use



Tack weld the front side of 38 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.



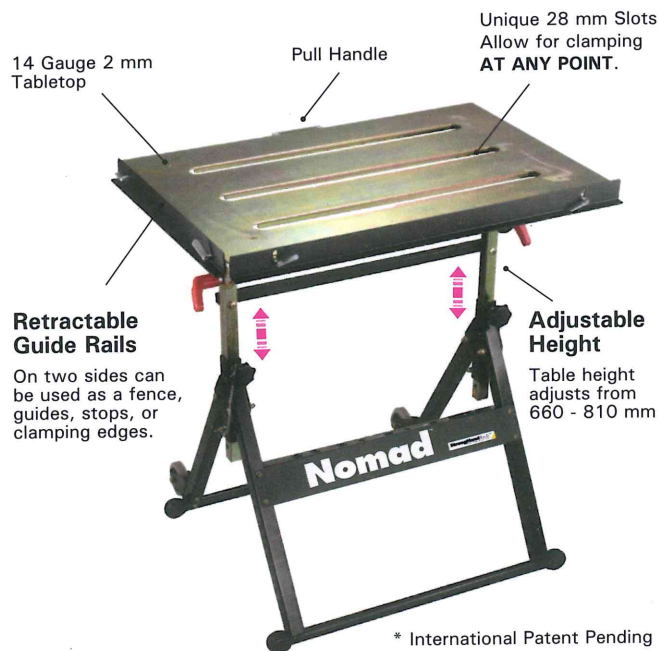
(Unit: mm)



NOMAD™ Economy Welding Table

Very Affordable. Fully Adjustable. Easily Movable.

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



- Three 28mm slots in the tabletop allow for insertion of clamps to reach any point on the table.
- Tabletop tilts to three positions: Horizontal, 30°, and folded for mobility.
- Two retractable, perpendicular steel guide rails can be used as guides, stops, or clamping edges.
- Tabletop height can be adjusted from 660 to 810 mm.
- Table moves about the work area on 2 sturdy casters.

Tabletop adjusts to three positions:

Horizontal, 30°, and Folded for Compact Storage and Mobility.



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

Nomad™ Economy Tool Kit

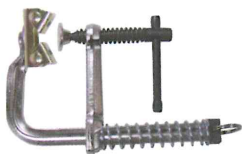
This 6 piece tool kit contains useful tools to use in conjunction with the table.

Part No. TSK104M

- 2 MagSpring Clamps (UBV45M)
- 1 Mini-Magnet (MS346A)

- 1 Multi-Angle Magnet (MS346C)
- 2 Adjustable Magnet V-Pads (XDV4)

MagSpring™ Clamps
(UBV45 - 89 mm Cap.)



Multi-Angle Magnet
(MS346C)



Mini Magnet
(MS346A)



Adjustable Magnetic V-Pads
(XDV4 - 4 magnets)

