



Better Tools. Better Price.®

BuildPro™



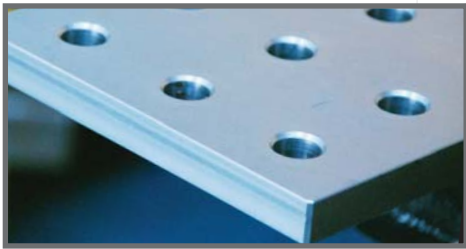
***Fixture Efficiently
Fabricate Accurately***

WELDING TABLES

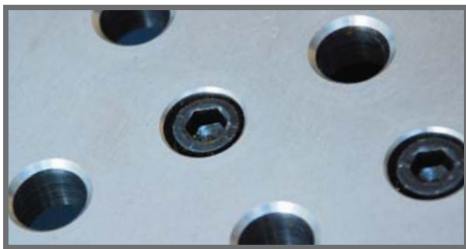
2012 CATALOG

www.StrongHandTools.com

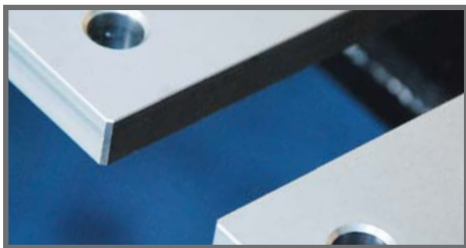
BuildPro™ is an affordable, precision, modular Welding Table that can help you increase your productivity and work quality, and reduce project lead times through more efficient fixturing.



Precision, ground steel plates;
.625" thick.



CNC machined 5/8" holes in a 2" grid pattern for positioning and holding clamps and components.



1.7" spacing between plates provides channels for standard clamps and components.



Plates edges overhang provide clamping surfaces all around the table.

Complete access to the tabletop, multiple clamping surfaces, and standard clamps, are key to greater efficiency in the set-up and tear down of projects.

The patented BuildPro™ Table design gives you the flexibility to adapt to each project, big or small. You will work more safely and more efficiently while maintaining accuracy and consistency.

BuildPro™ Tabletop Accuracy

- Table flatness : 0.012" / 3 feet
- Hole diameter : 0.625"+0.002
- Hole spacing : 2.000"±0.0015
- Plate thickness : 0.625"



Five Reasons to choose BuildPro™:



* BuildPro™ is the most affordable modular Welding Table on the market. The amount of time and money you'll save in reduced fixturing time, and improved repeatability makes BuildPro™ a sensible, and wise investment.

* The innovative plate, slot, and hole system of the BuildPro™ Table provides multiple clamping surfaces, channels, and points, so whether you're building a dedicated fixture, short run fixture, or one-time use fixtures, the BuildPro™ adapts to your work needs.

* The BuildPro™ Table is modular, so YOU can adapt the table, right in your shop, without ordering an expensive custom designed table. The BuildPro™ plates can be removed, and reconfigured to the desired size, and form.

* The entire BuildPro™ Table system is designed to be **affordable**, so you can choose from a wide array of affordably priced, standard BuildPro™ Clamps, and Accessories that work perfectly in sync with the BuildPro™ Table's plate, slot, and hole system.

* You work for your customers, we work for YOU. Our design team works continuously and tirelessly to develop new tools to help you fixture more efficiently so you can get the best value and performance from your BuildPro™ Table and Clamps.

New Tables Developed by Customer Demand

We keep the lines of communication open so we can make sure we are providing our current, new, and future customers with the products they need. In this economy, we know you need to be flexible and responsive to new business opportunities by reducing set-up time, improving consistency and work quality, and remaining competitive in both pricing and delivery in a wide variety of jobs: short runs, volume production, prototypes, and multiple jobs in fabrication, repairs, and maintenance.

You asked for Larger tables with the Nitrided Finish.

We've responded by adding two new sizes: 4' x 4' and 6.5' x 4' with a Nitrided tabletop.

Optional Nitrided (Heat-Treated) Tabletop

The nitriding (heat-treating) process is a mechanical polish and post salt bath oxidative treatment. The benefits of this process include: Anti-Spatter, Corrosion Protection, and Resistance to wear, lubricity and fatigue strength.

- Surface hardness : HRC 58 equiv.
- Nitriding case depth : 0.0004" - 0.0008"
- Coefficient of friction : 0.37
- Heat resistance : 700° F / 371° C

You told us you have limited shop space.

So, we developed the Half Table.

The new 38" X 22" BuildPro™ table offers the same accuracy and functionality as our standard table. This small modular table size can be used for extension to any BuildPro™ table when the workpiece is too large to fit on the standard table. The compact design is great when shop space is limited.

Place the Half Table top in a fixed location, or on your own heavy duty rolling cart for mobility around the shop.



* Cart not offered by Strong Hand Tools® / BuildPro™.
This is an application example only.

You asked for an aluminum tabletop for working with SS and Aluminum.

We now offer a 6061 (Anodized) Aluminum Table in: 4' x 3' and 6.5' x 3' sizes.

Aluminum tabletop is ideal for welding stainless steel materials. Due to its iron free property, aluminum will not release contaminant particles that can corrode stainless steel.

You told us you needed Leg Braces

We now offer Leg Braces for the 4' and 6-1/2' tables, to stabilize and reinforce the table for those Heavy Duty jobs.

Place a wood board or steel plates over the braces to create storage shelving.



BuildPro™ Models

All TM series tables have 5/8 thick plate, Ø5/8 holes in a 2" grid pattern and slot of 1.7".



6-1/2' L Table

	Part No.	Table Height	Tabletop Dimension	Plate Thickness	Hole Diameter	Slot Width	Table Capacity (LBS.)	Table Weight (LBS.)
STANDARD	TMA57838	36"	78" x 38" (6-1/2' x 3')	5/8"	Ø5/8	1.7"	4,400	680
	TMB57838	30"						672
	TMC57838	24"						661
NITRIDED	TMA57846	36"	78" x 46" (6-1/2' x 4')	5/8"	Ø5/8	1.7"	4,400	764
	TMQA57838	36"						680
	TMQB57838	30"						672
	TMQC57838	24"						661
	TMQA57846	36"						764



4' L Table

	Part No.	Table Height	Tabletop Dimension	Plate Thickness	Hole Diameter	Slot Width	Table Capacity (LBS.)	Table Weight (LBS.)
STANDARD	TMA54738	36"	47" x 38" (4' x 3')	5/8"	Ø5/8	1.7"	2,600	420
	TMB54738	30"						415
	TMC54738	24"						408
NITRIDED	TMA54746	36"	47" x 46" (4' x 4')	5/8"	Ø5/8	1.7"	2,600	471
	TMQA54738	36"						420
	TMQB54738	30"						415
	TMQC54738	24"						408
	TMQA54746	36"						471

New Models

Not enough space for a full Welding Table? We developed the Half Table just for you!

Same robust BuildPro™ frame, with half the plates of the 4' table (3 plates) for a space-saving, heavy duty work platform that suits your work space. It is especially suited for robot weld stations for small parts. The compact and light tops make shuttle table mounting easier. Place the Half Table in a fixed location, or on a heavy duty rolling cart for mobility around the shop.



3' L Half Table

	Part No.	Table Height	Tabletop Dimension	Plate Thickness	Hole Diameter	Slot Width	Table Capacity (LBS.)	Table Weight (LBS.)
STANDARD	TMA52238	36"	38" x 22"	5/8"	Ø5/8	1.7"	1,300	253
	TMB52238	30"						248
NITRIDED	TMQA52238	36"	38" x 22"	5/8"	Ø5/8	1.7"	1,300	253
	TMQB52238	30"						248



4' L Aluminum Table

	Part No.	Table Height	Tabletop Dimension	Plate Thickness	Hole Diameter	Slot Width	Table Capacity (LBS.)	Table Weight (LBS.)
ALUMINUM	TMA74738	36"	47" x 38" (4' x 3')	5/8"	Ø5/8	1.7"	4,400	265
	TMB74738	30"						260
	TMA77838	36"	78" x 38" (6-1/2' x 3')	5/8"	Ø5/8	1.7"	4,400	422
	TMB77838	30"						414

BuildPro™ TABLE PARTS

Plates

New



Individual Plate



Mounting Block Cover Plate



6 holes Plate



9 holes Plate

Use connectors to add or reconfigure plates on the table top.

	Part No.	Description	Plate Thickness	Weight (LBS.)
STD.	T51006	4" x 6.3" Connecting Plate, 6 holes	5/8"	4.19
	T51009	6" x 6.3" Connecting Plate, 9 holes		6.28
	TM57838-01	38" x 6.3" Individual Plate		40.0
QPC.	TMQ57838-01	38" x 6.3" Individual Plate	5/8"	40.0
ALUM.	TM77838-01	38" x 6.3" Individual Plate	5/8"	13.5
	TMPC	Aluminium Mounting Block Cover Plate	--	0.02

Tabletops



Tabletop

	Part No.	Description	Plate Thickness	Weight (LBS.)
STD.	TM54738	47" x 38" (4' x 3') Tabletop without legs	5/8"	370
	TM57838	78" x 38" (6-1/2' x 3') Tabletop without legs		610
NITRIDED	TMQ54738	47" x 38" (4' x 3') Tabletop without legs	5/8"	370
	TMQ54746	47" x 46" (4' x 4') Tabletop without legs		420
	TMQ57838	78" x 38" (6-1/2' x 3') Tabletop without legs		610
	TMQ57846	78" x 46" (6-1/2' x 4') Tabletop without legs		690



Half Tabletop

New

	Part No.	Height	Tabletop Dimension	Plate Thickness	Hole Diameter	Slot Width	Table Capacity (LBS.)	Table Weight (LBS.)
STD.	TM52238	5"	38" x 22"	5/8"	Ø5/8	1.7"	1,300	209
NITRIDED	TMQ52238	5"	38" x 22"	5/8"	Ø5/8	1.7"	1,300	209

Legs



Standard



Leg Adaptor

New

	Part No.	Description	Weight (LBS.)
	TML31	Table Leg for 36" height - M20 Thread	11
	TML25	Table Leg for 30" height - M20 Thread	9
	TML19	Table Leg for 24" height - M20 Thread	7
	TMLA	Auxiliary Support. (Legs sold separately.)	4

Leg Braces

New



Leg Brace for 6 1/2' L Table

Leg Braces reinforce and stabilize the BuildPro™ table.

Also ideal as a base for creating shelves. Place a metal plate or wooden board on the brace framework. Create one, or multiple level shelves with additional Leg Brace assemblies.

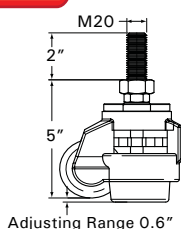
Part No.	Description	Weight (LBS.)
TMLB47	Leg Brace Assembly for 4' x 3' Table; 4 Corner Rail Clamps, 4 Cross Link Tubings.	14
TMLB78	Leg Brace Assembly for 6-1/2' x 3' Table, 4 pcs. Corner Rail Clamps, 2 pcs. Line Rail Clamps, 6 Cross Link Tubings.	19

Leveling Casters

New



Caster TMLC600



Your BuildPro™ table can be both mobile, and fully stationary.

These compact, heavy duty leveling casters are the simple way to move and level your BuildPro™ Welding Table. Turn the thumbwheel to lower the wheels, for easy movement.

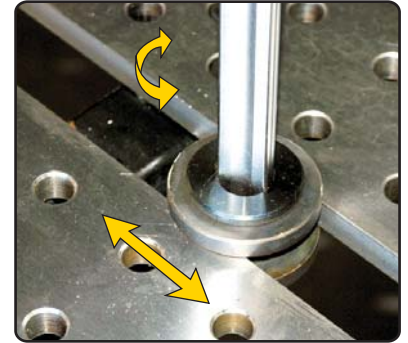
Part No.	Capacity (LBS.)	Thread	Weight (LBS.)
TMCLC600	1100	M20	3

360° BuildPro™ Clamps - *Unique*



Precision machined, steel base of the 360° Slot Clamp slides into the 1.7" spacing which enables the clamp body to slide along the entire surface & swivel 360° for positioning at any point.

Part No.	Clamping Capacity	Throat Depth	Clamping Pressure (LBS.)	Rail Size	Weight (LBS.)
T51405	8.5"	4-3/4"	500	0.88" x 0.44"	3.5
T51510	12.5"	4-3/4"	600	1" x 0.47"	4.8
T51615	20.5"	5-1/2"	700	1.19" x 0.56"	8.2



Inserta Clamps

These clamps are designed to fit into the BuildPro™ table holes for fast and easy clamping.

T-Handle	Ratchet Handle	Wood Handle
		
UDN5150 UEN5200	UERN5200	UDWN5150 UEWN5200

Part No.	Clamping Capacity	Throat Depth	Clamping Pressure (LBS.)	Rail Size	Weight (LBS.)
UDN5150	6.5"	3-1/4"	300	0.63" x 0.31"	1.2
UEN5200	8.5"	4"	400	0.78" x 0.38"	2.2
UERN5200	8.5"	4"	400	0.78" x 0.38"	2.2
UDWN5150	6.5"	3-1/4"	300	0.63" x 0.31"	1.3
UEWN5200	8.5"	4"	400	0.78" x 0.38"	2.3



360° & Inserta Clamps Accessories

Top V-Pad



The optional clip-on top V-pad for clamping round parts or 2 parts at once.

Part No.	Description	Weight (LBS.)
XDA2	For Inserta-Clamps UDN5150 & UDWN5150	0.2
XFA2	For Inserta-Clamps UEN5200 & UEWN5200 For 360° Clamps T51405 & T51510	0.4
XMA2	For 360° Clamp T51615	0.6

Sidekick



Slide onto the 360° BuildPro™ clamp body for horizontal clamping force.

Part No.	Description	Stroke	Weight (LBS.)
XFS	For T51405	1-3/8"	1.2
XGS	For T51510	1-3/8"	1.2
XMS	For T51615	1-3/8"	1.2

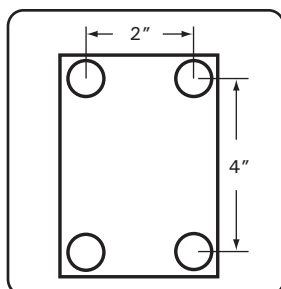


Toggle Clamps

See the Good Hand Toggle Clamp Catalog at www.goodhandinc.com, for the full selection of Vertical, Horizontal, Push / Pull, and Latch Type Toggle Clamps.



Part No.	Description	Tapped hole	Clamping Pressure (LBS.)	Weight (LBS.)
GH-12130	Vertical	5/16-18"	500	0.78
GH-36070	Push / Pull	10-24	100	0.22
GH-302-F	Push / Pull	5/16-18	300	0.66



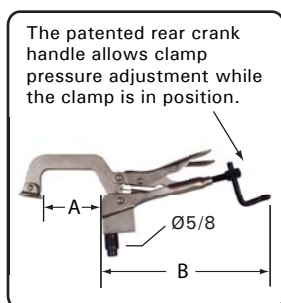
Toggle Clamp Base Plate

Tap your own holes to adapt a wide selection of Toggle Clamps. Or, custom weld Toggle Clamps onto the base plate. Toggle Clamps offer Quick-Acting lock and release action for fast clamping, and easier removal of the finished workpiece. Ideal for production work.

Part No.	Dimension	Hole	Weight (LBS.)
T51110	5" x 3" x 0.5"	4 x Ø5/8"	5.74



Table Mount C-Clamps



Insert into any hole on the tabletop or Right Angle Bracket for quick push down clamping. Use the crank handle for rapid tightening.

Part No.	Throat Depth (A)	Clamping Capacity	(B)	Weight (LBS.)
PTT634K	3"	4"	6"	0.9
PTT934K	3-3/8"	4"	6"	1.6
PTT956K	6-1/8"	4-3/4"	10-1/2"	2.0



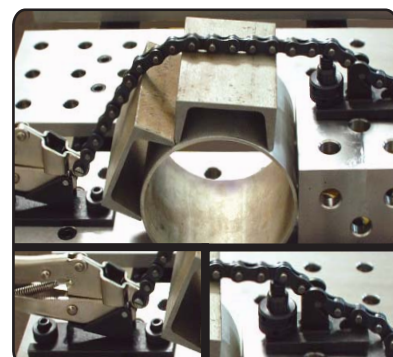
Chain Pliers & Table Mount Base



Tie down odd shape parts with the 24" chain. Adjust the clamp opening and torque with the crank handle. Use the optional Table Mount Base to mount the clamp onto the table.

Use the rear crank handle to adjust clamp pressure while the clamp is in position.

Part No.	Description	Weight (LBS.)
PC924	Chain Pliers with 24" Chain	1.9
PXC90	Optional Table Mount Base Plates (2 pcs)	1.1
PXC36	Optional replaceable 36" Chain	1.0



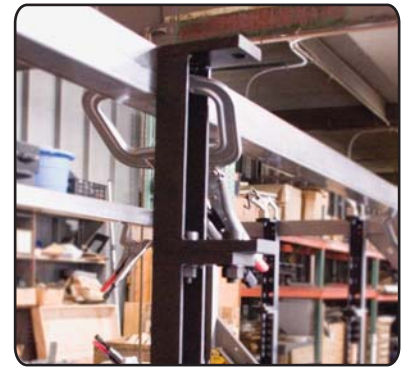
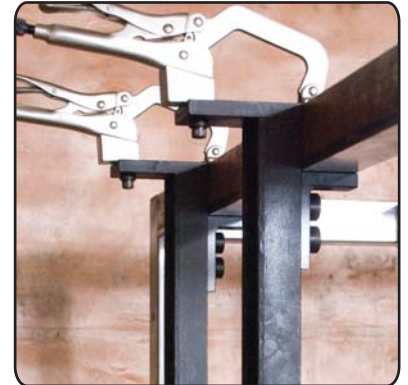
Economy Stop & Clamping Squares

New



3-sided stop and clamping squares features fully machined square surfaces, for a variety of fit-up applications. CNC machined 5/8" diameter holes can be used to adapt other Strong Hand accessories to elevate and fixture workpiece in accurate position. Lower base offers a slotted hole for flexible mounting.

Clamping squares can be stacked for taller applications.



Part No.	Dimension	Holes per face (Top, Bottom, Side)	Weight (LBS.)
T50205	2" x 5.5" x 4"	2, 2, 3	2.3
T50210	2" x 5.5" x 8"	2, 2, 5	3.1
T50215	2" x 5.5" x 12"	2, 2, 8	4.2

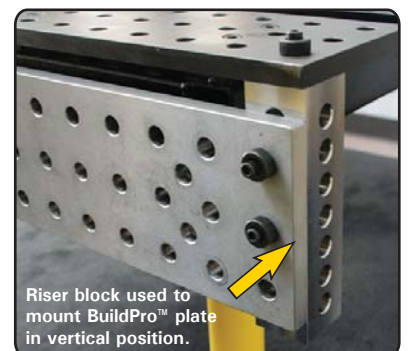
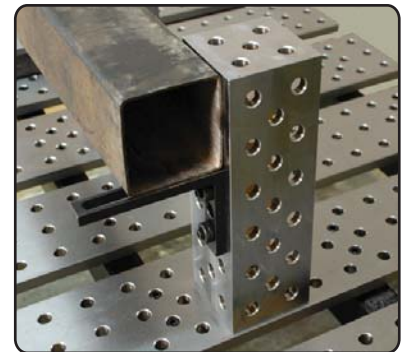
Riser Blocks - Heavy Duty

These precision machined Riser Blocks, with accurate bored holes, allow you to elevate a workpiece to any desired height. Increase the working height or width of the table by mounting the blocks vertically or horizontally. Cross-join the blocks for use as a beam. Mount a BuildPro™ plate to the side of the table, or use the blocks to mount BuildPro™ plates underneath the tabletop to join BuildPro™ Tables together.

Riser Blocks can be stacked to elevate workpieces as needed in fixturing.

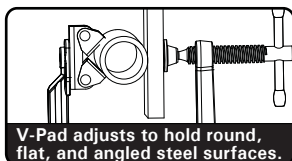


Part No.	Dimension	Machined Surfaces	Weight (LBS.)
T50105	2" x 2" x 6"	4 faces	2.87
T50110	2" x 2" x 8"	4 faces	3.63
T50115	2" x 2" x 10"	4 faces	4.37
T50120	4" x 4" x 4"	5 faces	7.50
T50125	4" x 4" x 8"	5 faces	12.6
T50130	4" x 4" x 12"	5 faces	17.4



BuildPro™ CLAMPS & ACCESSORIES

MagSpring Clamps

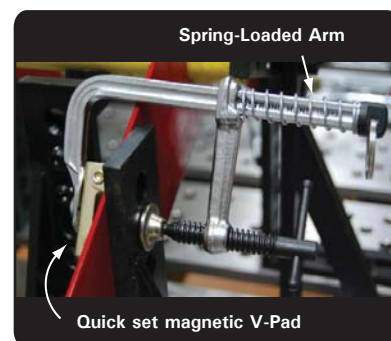


The spring-loaded, one-handed clamp with quick-set, magnetic V-Pad. Quick and easy to use! Squeeze to open, set in position and turn to tighten.

500 LBS. clamping pressure.

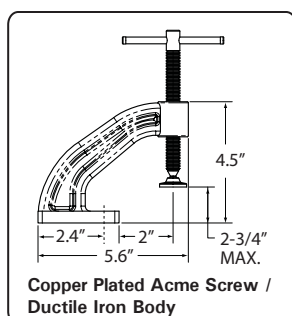


Part No.	Clamping Capacity	Throat Depth	Weight (LBS.)
UDV45	3-1/2"	3-1/4"	1.0
UDV65	5-1/2"	3-1/4"	1.1



Cast Iron Hold Down Clamp

New

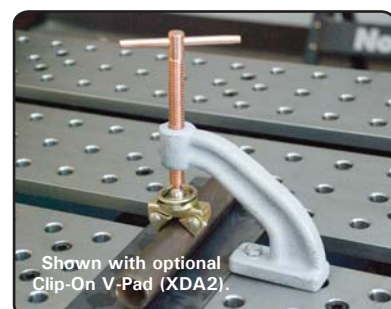


Bolt the clamp down to your worktable using the 3/8" hole in the base.

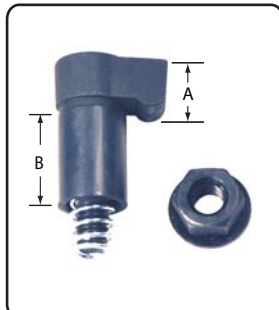
The 1/2" copper plated Acme spindle resists weld spatter. Use the threaded adaptors on page 10 for quick lock down to table surface.

Hold pipes by adding our Clip-On V-Pad (Part No.XDA2).

Part No.	Hole Dia.	Clamping Capacity	Weight (LBS.)
VHD30	Ø3/8"	2-3/4"	2.0



Hook Clamps



Fits into any hole on the tabletop. Ideal for installation in jig or fixture where access is limited. Hook is spring-loaded for quick release and swings easily away from workpiece. Provided with a flanged nut.

💡 Can be used with the Threaded Adaptor (Part No. TXT5203. See page 10)

Part No.	Thread	A	B	Weight (LBS.)
T821107	5/16-18	1/2"	7/8"	0.17



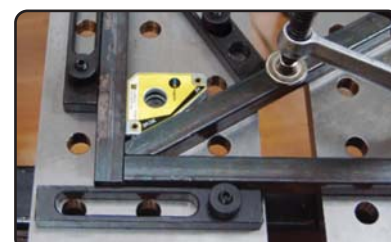
ACCESSORIES

Straight Edge Stops (See also the D- Stop bars on Page 14)

Long slots make these precision machined Straight Edge Stops infinitely adjustable in fixturing applications and squaring up parts.



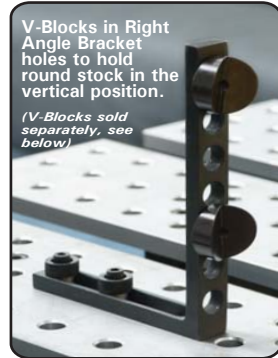
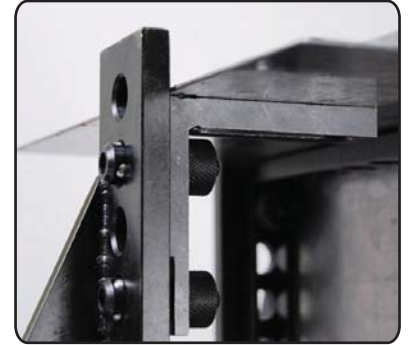
Part No.	Dimension	Holes	Slot Length	Threaded Holes	Weight (LBS.)
T50505	6" x 1" x 0.45"	1	4-1/8"	-	0.39
T50510	8" x 1" x 0.45"	2	2-5/8"	-	0.51
T50515	10" x 1" x 0.45"	2	5-5/8"	1/2 - 13	0.67



Right Angle Bracket

These precision machined angles square hold materials at 90°. The holes and slots combination allow for infinite adjustments in fixturing. For heavy duty applications, choose the Riser Blocks on Page 8.

* All plates are 0.45" thick.



Part No.	Dimension	Holes	Slot Length	Weight (LBS.)
T50304	2" x 3" x 1"	1	2"	0.37
T50305	4" x 3" x 1"	3	2"	0.41
T50310	4" x 6" x 1"	3	5"	0.68
T50320	8" x 6" x 1"	7	5"	1.04
T50330	12" x 6" x 2"	11	5"	4.03

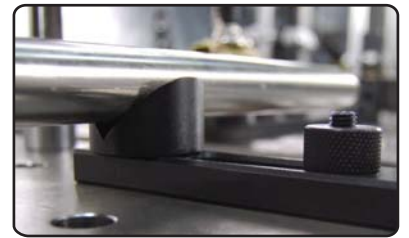


V-Blocks

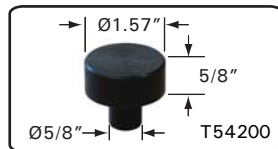


V-Blocks are designed to hold round parts. They fit into the holes of the: BuildPro™ Table, Riser Blocks and Right Angle Brackets.

Part No.	Angle	Dimension	Max. Tube Size	Weight (LBS.)
T54210	90° V	Ø1.6" x 1.3"	2"	0.33
T54215	120° V	Ø1.6" x 1.1"	2.5"	0.27

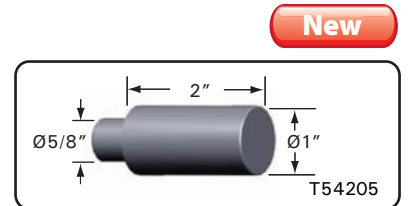


Stops and Rests

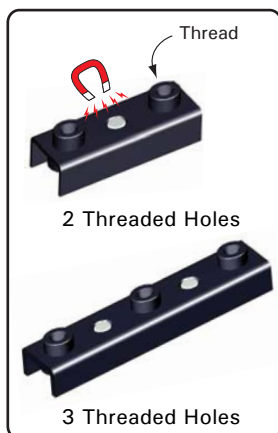


T54200 is for convenient positioning, it serves as part rest to elevate parts above table top. Weight: 0.4LBS.

T54205 is inserted into the 5/8" holes. They are used as stop where parts are positively located for clamping. Weight: 0.5LBS.

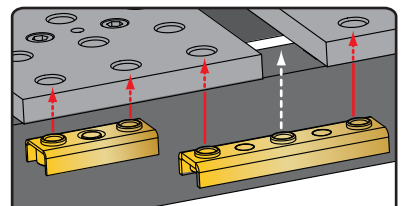
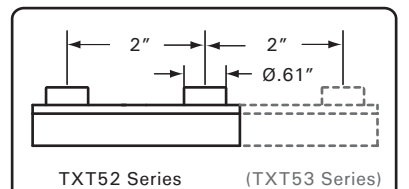


Threaded Adaptors - Unique



Convert any hole in the table into threaded hole. Push the Adaptor in from beneath. Magnets hold threaded adaptor in place.

Part No.	Hole Adaptors	Threaded Holes	Magnets	Weight (LBS.)
TXT5203	2	5/16-18	1	0.25
TXT5204	2	3/8-16	1	0.25
TXT5205	2	1/2-13	1	0.25
TXT5303	3	5/16-18	2	0.57
TXT5304	3	3/8-16	2	0.57
TXT5305	3	1/2-13	2	0.57

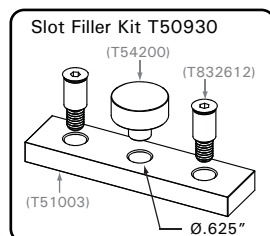


Channel Block & Rest Button New

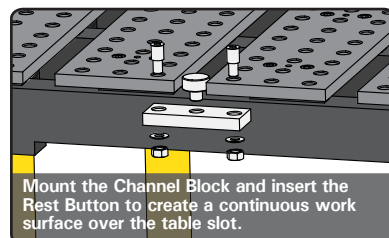
Use the Channel Block and Rest Button when a flat, continuous support surface is required directly over the 1.7" table slots.

Place the 3-hole Channel Block beneath BuildPro™ plates, aligning with plate holes, and mount with Socket Head Shoulder Screws (See page 13). Place the Rest Button in the center hole of the Channel Block to provide a rigid work surface level with the tabletop.

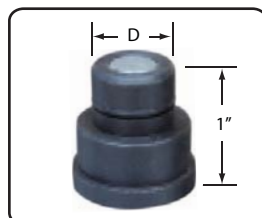
The 5/8" shank on the Rest Button slip fits into the Channel Block holes. To elevate a workpiece above the tabletop surface, place multiple Rest Buttons directly into the 5/8" holes on the BuildPro™ Plate.



Part No.	Description	Dimension	Weight (LBS.)
T51003	Channel Block, 3 holes	6.3" x 1.6" x 0.63"	1.6
T54200	Rest Button	Ø1.57" x 0.63"	0.4
T50930	Slot Filler Kit for TM Table - 1 pc Connecting Plate (T51003) - 1 pc Rest Button (T54200) - 2 pcs Flush-mounted Screws (T832612)	--	2.4



Magnetic Plug / Rest Button



1" Magnetic Plug / Rest Button can be used on any flat surface, inserted into the holes on the BuildPro™ Table or the holes on BuildPro™ Economy Clamping Squares.

* Multiple Pack (T55410-K4) of 4 pcs available.

Part No.	Dimension	(D)	Weight (LBS.)
T55410	Ø1" x 1" H	Ø5/8"	0.06



Connector



Use the connector to attach Strong Hand Tools® Pliers and Clamps to the table & other BuildPro™ accessories so clamps will stay in place.

Part No.	(D)	Thread	Weight (LBS.)
T54605	Ø5/8"	M8	0.06
T54606	Ø5/8"	M10	0.06



Magnetic Rest Button New

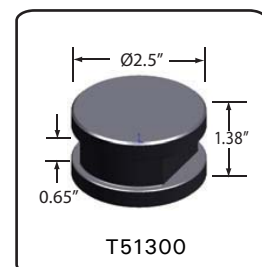


One strong rare earth magnet on the bottom of the 1" Magnetic Rest Button allows the button to be used at ANY point on the tabletop to elevate workpieces. Stack Magnetic Rest Buttons to elevate workpieces in 1" increments.

Part No.	Dimension	Weight (LBS.)
T51745	Ø1.57" x 1" H	0.6

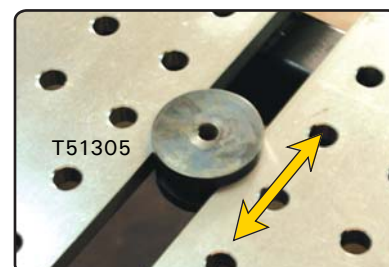


Sliding Channel Bases

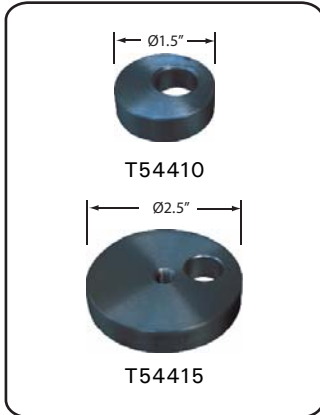


Mount workholding devices onto these Sliding Channel Bases. Slide into the 1.7" slots between the plates.

Part No.	Description	Weight (LBS.)
T51300	Non-rotatable and without holes for user customization.	1.5
T51305	Rotatable with 1/2-13 threaded hole on one side, 3/8-16 on the other side.	1.4



► Eccentric Pads

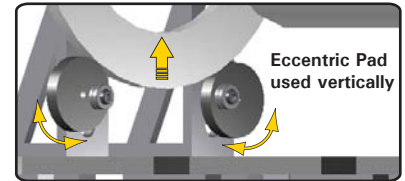
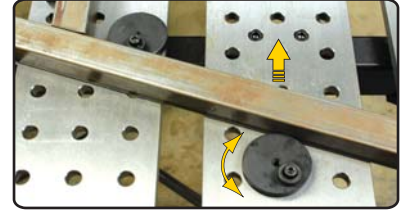


Using the "CAM" design principle, the eccentric pad provides a quick way to position the edge of the workpiece to a locating stop. The 360° rotation allows infinite adjustments.

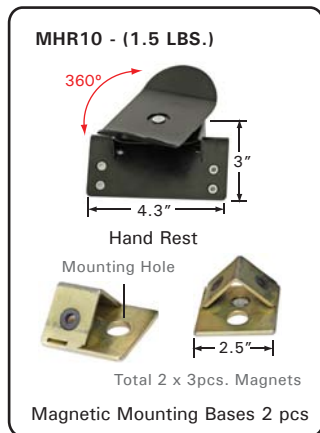
Ideal for locating odd shape parts where conventional edge stops cannot reach.

* Eccentric Pads are 1/2" thick. Holes Dia.: Ø.625"

Part No.	Adjust Range	Offset	Thread	Weight (LBS.)
T54410	0 - 1.693"	0.2"	--	0.19
T54415	0 - 3.248"	0.7"	5/16-18	0.51



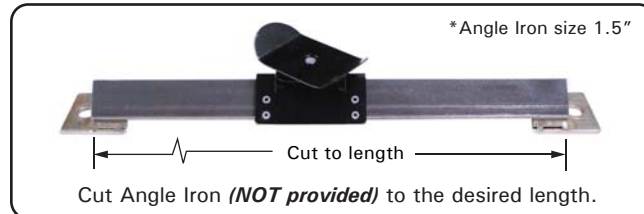
► Hand Rest Glide Kit



Unique and Very Practical! This Hand Rest glides smoothly on cut-to-length angle iron allowing you to steady your wrist. Reduce hand and shoulder stress and fatigue. Safely keep your hand and arm elevated. Powder coated steel rest plate swivels 360° on the base for support in a full arc.

Kit includes Hand Rest, and 2 Magnetic Mounting Bases.

Hand Rest Glide Kit Assembly Example:



New

► TIG / MIG Gun Holder

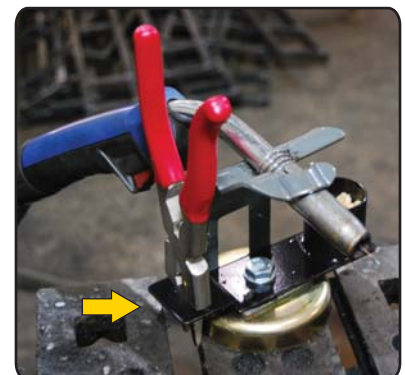
Improved design based on suggestions from welders.

The Accessory Plate on Part No. MRM12 features a slot to park your MIG Pliers and a Canister for holding Nozzle Gel.

The Magnetic base is enclosed with aluminum, which provides easier cleanup of metal fuzz.


Part No. MRM13 is a kit that contains the MIG Gun Holder (MRM12), along with a pair of MIG Pliers (PM08).

Part No.	Description	Dimension	Weight (LBS.)
MRT15	TIG Gun Holder	Ø3.5" x 6.3"	1.8
MRM12	MIG Gun Holder w/ Accessory Plate	Ø3.5" x 6" x 5.3"	2.8
PM08	MIG Pliers	8"	0.6
MRM13	MIG Gun Holder w/ Accessory Plate & MIG Pliers	--	3.4



New

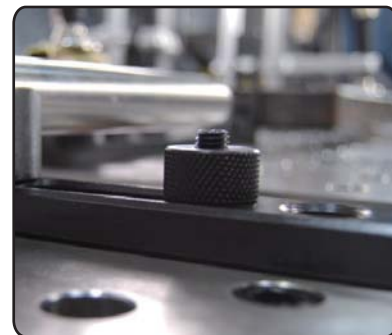
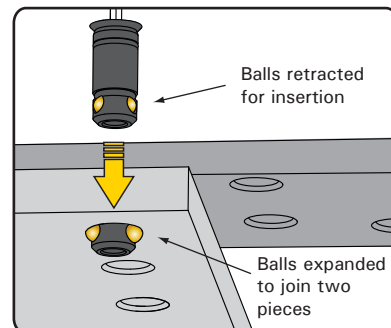
Ball Lock Bolts

 An **essential** component in Modular Fixturing!

Ball Lock Bolts are a time-saving, efficient, and handy method of fastening fixture elements to the BuildPro™ Tabletop, especially in tight spaces, and hard-to-reach areas of the tabletop. The quick-setting Ball Lock Bolts provide accurate locating and clamping at the same time.

Insert the Ball Lock Bolt over the fixturing element to be mounted on the tabletop. Turn the knurled head with your hands, for initial positioning. The Ball Lock Bolt system consists of three locking steel balls in the bolt shank that move outward to lock against the bottom chamfer of the table plate, pulling the fixture components securely downward.

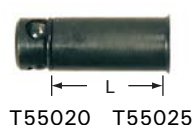
Once all the Bolts are positioned as required, tighten the socket head screw top of the bolts with a hex wrench. Ball Lock Bolts also release quickly, from the Bolt top, with a turn of your hex wrench. The automatic, and quick-locking feature of the Ball Lock Bolts translates into savings in time and effort.



Fixed Length



Flush-Mount



Adjustable



Part No.	Bulk Qty. (10)	Type	Description	Weight (LBS.)
T55010	T55011	Fixed	For connecting 2 accessories together, 0.94" capacity.	0.16
T55015	T55016	Fixed	For connecting an accessory to the tabletop, 1.1" capacity.	0.17
T55020	T55021	Flush	For connecting 2 accessories together, 0.94" capacity.	0.10
T55025	T55026	Flush	For connecting an accessory to the tabletop, 1.1" capacity.	0.09
T55050	T55051	Adjustable	7/8" - 1-1/4" capacity.	0.24
TMS5101	-	-	4 Steel Balls and 6 O-Rings	0.02

Socket Shoulder Screws Set

These precision shoulder screws fit into the table holes and can hold and position BuildPro™ accessories and other components. Provided with a nut and washer. Choose from standard and flush-mounted versions.

Part No.	Type	(T)	Thread	Weight (LBS.)
T831605	Standard	1/2	1/2-13	0.17
T831607	Standard	3/4	1/2-13	0.15
T831608	Standard	7/8	1/2-13	0.16
T831610	Standard	1"	1/2-13	0.18
T831612	Standard	1-1/4	1/2-13	0.24
T832607	Flush	3/4	1/2-13	0.09
T832608	Flush	7/8	1/2-13	0.10
T832610	Flush	1"	1/2-13	0.11
T832612	Flush	1-1/4	1/2-13	0.18



Standard



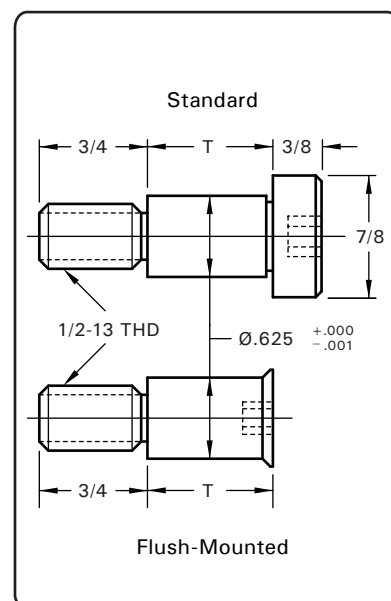
Washer




Nut



Flush-Mounted



D- Stop Bars

 Unique and versatile D-Stop Bars, with spring loaded plungers, are an efficient way to locate and position stock against a stop.

The D-Stop Bars are “distortion tolerant”, allowing easy part removal. They consist of a rounded end stop, a flat end stop, and long stop edges, and can be locked into position with Ball Lock Bolts, Socket Head Shoulder Screws (see page 13) or threaded adaptor nut. Use the round end to locate any round or irregular shaped parts. Full length slots give you numerous mounting positions.

The Anodized Aluminum D-Stop Bars are lightweight and easy to maneuver.

* 1/2" and 1" thicknesses for use as spacers.



A



B



C



D

Ref.	Part No.	Dimension	Slot Length	Threaded Holes	Threaded Hole Distance	Weight (LBS.)
A	T50615	3.6" x 1" x 0.5"	2.4"	2 x M4	0.65"	0.09
B	T50625	3.6" x 1" x 1"	2.4"	2 x M4	0.65"	0.16
C	T50635	6.2" x 1.25" x 0.5"	4.6"	2 x M5	0.87"	0.21
D	T50645	6.2" x 1.25" x 1"	4.6"	2 x M5	0.87"	0.40

* Two threaded holes for mounting toggle clamps / accessories.

Optional Toggle Clamp Accessories

Toggle clamps can be mounted on top of the D-stop bars. Toggle clamp clearance can be raised by using thicker bar, or by stacking bars to achieve your desired height. (As shown in photo)

Ref.	Part No. ^{*1}	Handle	Ref Max. Opening ^{*2/3}	Spindle Reach	Weight (LBS.)
E	GH-102-B	Vert	1.26"	0.52 - 1.32	0.25
F	GH-13005	Horiz	1.0"	0.55 - 1.05	0.13
G	GH-13005-HB	Horiz	1.5"	0.55 - 1.05	0.16
H	GH-20300	Horiz	1.5"	0.24 - 1.35	0.22
J	GH-22100	Horiz	1.5"	0.3 - 2.5	0.24
K	GH-201-B	Horiz	1.5"	0.9 - 2.0	0.29
L	GH-201-BHB	Horiz	2.16"	0.9 - 2.0	0.32

*1: Two M6 screws needed for mounting. Larger holes can be tapped by user on the bottom face.

*2: Reference Max. Opening for clamp mounted on a 1/2" thick Stop bar with **NO** spindle. Please allow room for spindle head thickness. Add additional bars as needed for use as risers.

*3: Standard spindle included. See Good Hand™ Toggle Clamp catalog for full selection.

New



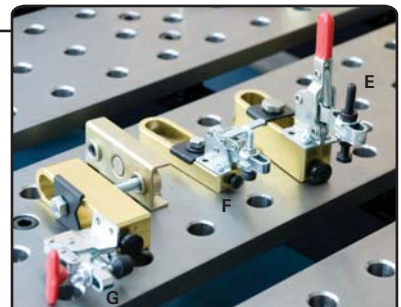
Use the round end of the D-Stop Bar to hold against curved, or odd shaped stock.



The spring loaded pin provides variable pressure for the quick locating, placement, and removal of stock.



Use the side of the D-Stop Bar as a stop.



Good Hand® Toggle Clamps can be mounted on D-Stop Bars vertically or horizontally.








Mount optional Toggle Clamps for 2-axis holding pressure.

BuildPro™ MODULAR FIXTURING KITS

Our Most Popular Kit!

► 114 Piece Kit [Part No. TMK530]













Qty.	Description	85 LBS.
30	Fixed Ball Lock Bolts (10 x T55010 & 20 x T55015)	
10	Adjustable Ball Lock Bolts (10 x T55050)	
12	Straight Edge Stops (4 x T50505, T50510, T50515)	
8	Threaded Adaptors (2 x TXT5204, TXT5205, TXT5304, TXT5305)	
4	Inserta-Clamps (4 x UDN5150)	
16	Right Angle Brackets (4 x T50304, T50305, T50310 & 2 x T50320, T50330)	
2	Sliding Channel Base (1 x T51300, T51305)	
4	360° Clamps (2 x T51405, T51510)	
4	Top V-Pads (2 x XDA2, XFA2)	
4	Eccentric Pads (2 x T54410, T54415)	
8	V-Blocks (4 x T54210, T54215)	
4	Riser Blocks (2 x T50105 & T50110)	
2	MagSpring Clamps (2 x UDV45)	
2	Table Mount C-Clamp (2 x PTT934K)	
4	Magnetic V-Pads (2 x XDV4 & XFV4)	

Ball Lock Bolts  10 T55010  20 T55015  10 T55050 Eccentric Pads  2 T54410  2 T54415 V-Blocks  4 T54210  4 T54215	Straight Edge Stops  4 T50505  4 T50510  4 T50515 Top V-Pads  2 XDA2 2 XFA2 Sliding Channel Bases  1 T51300 1 T51305 Table Mount C-Clamps  2 PTT934K	Right Angle Brackets  4 T50304  4 T50305  4 T50310  2 T50320  2 T50330	Inserta-Clamps  4 UDN5150 Riser Blocks  2 T50105  2 T50110 Threaded Adaptors  2 TXT5204 2 TXT5205  2 TXT5304 2 TXT5305	360° Clamps  2 T51405 2 T51510 MagSpring Clamps  2 UDV45 Magnetic V-Pads  2 XDV4 2 XFV4
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New Standard Framing Kit!

► 128 Piece Kit [Part No. TMK535]

Qty.	Description	141 LBS.
2	Channel Block 3 Holes (2 x T51003)	
2	Rest Button 5/8 DIA x 16mm THK (2 x T54200)	
4	Ball Lock Bolt Flush 28mm (4 x T55025)	
2	Eccentric Pads (2 x T54415)	
12	Economy Stops 8" (12 x T50210)	
8	Economy Stops 12" (8 x T50215)	
10	Angle Bracket, 3"H x 2"L, 1 Hole (10 x T50304)	
2	Angle Bracket, 4"H x 3"L, 3 Holes (2 x T50305)	
20	Ball Lock Bolt, 28mm Thickness (20 x T55015)	
8	Socket Shoulder Screw, 5/8 x 7/8 (8 x T831608)	
24	Socket Shoulder Screw, 5/8 x 1/2 (24 x T831605)	
4	Table Mount Clamp, 3" x 4" (4 x PTT934K)	
12	Plier 11" W/Swivel Pads (12 x PR115S)	
6	Inserta Clamp, 6" x 3-1/4" (6 x UDN5150)	
4	Inserta Clamp, 8" x 4" (4 x UEN5200)	
4	Corner Magnet, Outer Angle (4 x MST327)	
4	Threaded Adaptor 1/2 - 13 (4 x TXT5205)	

Channel Block  2 T51003 Ball Lock Bolt  4 T55025  20 T55015	Eccentric Pads  2 T54415 Economy Stops  12 T50210  8 T50215	Right Angle Brackets  10 T50304  2 T50305 Socket Shoulder Screw  24 T831605 8 T831608	Table Mount Clamp  4 PTT934K Plier W/Swivel Pads  12 PR115S Corner Magnet  4 MST327	Inserta Clamps  6 UDN5150 4 UEN5200 Rest Button  2 T54200 Threaded Adaptors  4 TXT5205
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Kit specially developed by customer demand for framing applications.

New Table Joining Kit!

► 10 Piece [Part No. TMK505]

* Join two tables together, either end-to-end, or side-by-side or mount additional plates to increase the width, or length of your BuildPro™ Table.

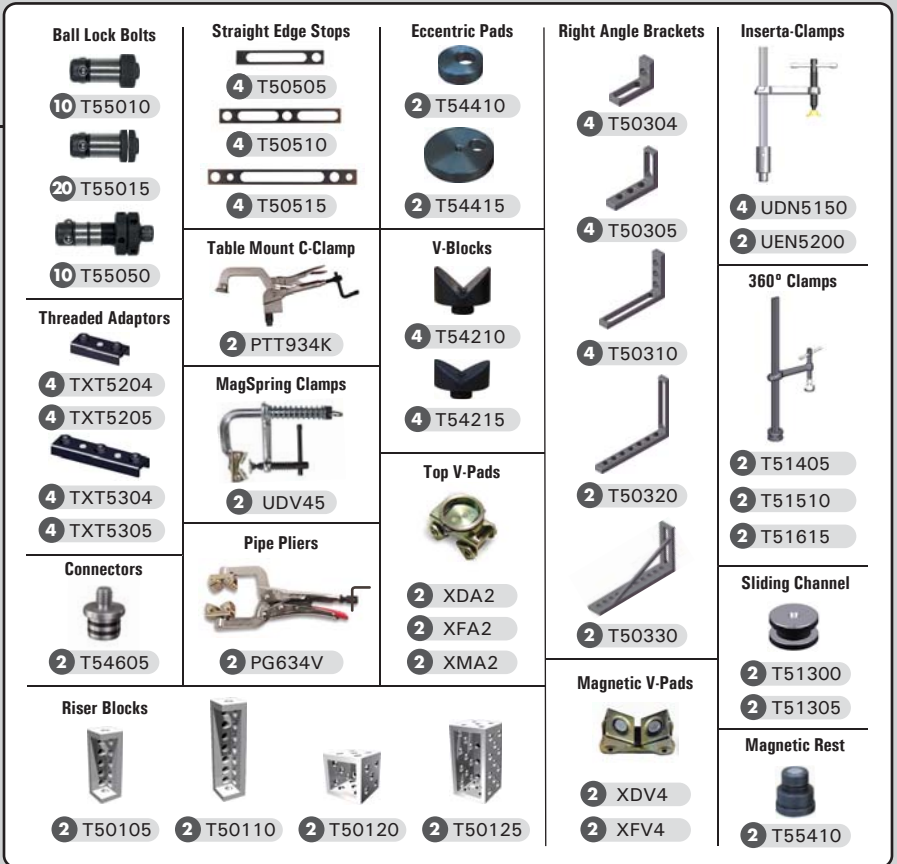
Qty.	Description	9 LBS.
2	Riser Blocks (2 x T50115)	
8	Socket Shoulder Screw (8 x T832610)	

Riser Block  2 T50115	Socket Shoulder Screw  8 T832610
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► 140 Piece Kit [Part No. TMK540]

155 LBS.

Qty.	Description
30	Fixed Ball Lock Bolts (10 x T55010 & 20 x T55015)
10	Adjustable Ball Lock Bolts (10 x T55050)
12	Straight Edge Stops (4 x T50505, T50510, T50515)
16	Threaded Adaptors (4 x TXT5204, TXT5205, TXT5304, TXT5305)
6	Inserta-Clamps (4 x UDN5150 & 2 x UEN5200)
16	Right Angle Brackets (4 x T50304, T50305, T50310 & 2 x T50320, T50330)
4	Sliding Channel Base (2 x T51300, T51305)
6	360° Clamps (2 x T51405, T51510, T51615)
6	Top V-Pads (2 x XDA2, XFA2, XMA2)
4	Eccentric Pads (2 x T54410, T54415)
8	V-Blocks (4 x T54210, T54215)
8	Riser Blocks (2 x T50105 & T50110, T50120, T50125)
2	MagSpring Clamps (2 x UDV45)
2	Table Mount C-Clamps (2 x PTT934K)
4	Magnetic V-Pads (2 x XDV4 & XFV4)
2	Magnetic Rests (2 x T55410)
2	Connectors (2 x T54605)
2	Pipe Pliers (2 x PG634V)



► 164 Piece Kit [Part No. TMK550]

220 LBS.

Qty.	Description
40	Fixed Ball Lock Bolts (20 x T55010, T55015)
10	Adjustable Ball Lock Bolts (10 x T55050)
12	Straight Edge Stops (4 x T50505, T50510, T50515)
16	Threaded Adaptors (4 x TXT5204, TXT5205, TXT5304, TXT5305)
8	Inserta-Clamps (4 x UDN5150 & 4 x UEN5200)
16	Right Angle Brackets (4 x T50304, T50305, T50310 & 2 x T50320, T50330)
4	Sliding Channel Base (2 x T51300, T51305)
8	360° Clamps (4 x T51405 & 2 x T51510, T51615)
6	Top V-Pads (2 x XDA2, XFA2, XMA2)
4	Eccentric Pads (2 x T54410, T54415)
8	V-Blocks (4 x T54210, T54215)
12	Riser Blocks (2 x T50105 & T50110, T50115, T50120, T50125, T50130)
4	MagSpring Clamps (2 x UDV45, UDV65)
4	Table Mount C-Clamps (2 x PTT934K, PTT956K)
4	Magnetic V-Pads (2 x XDV4 & XFV4)
4	Magnetic Rest (4 x T55410)
2	Connector (2 x T54605)
2	Pipe Pliers (2 x PG634V)



Adjust-O Magnets

Magnet Squares
MSA Series



The fast and easy way to hold workpieces at 45° & 90°. Turn the magnet OFF while setting up, turn ON when you're ready to work.

Dual Switch 90° Magnet Squares MS2 Series



Two independent On/Off switches provide greater control in set-up with 80 - 150 lbs. of pull force.

Adjustable Angle Magnets MAV 120



Adjustable angle from 30° - 275°. Turn the handle for setting and locking at the desired angle.

Mini-Magnets MS Series



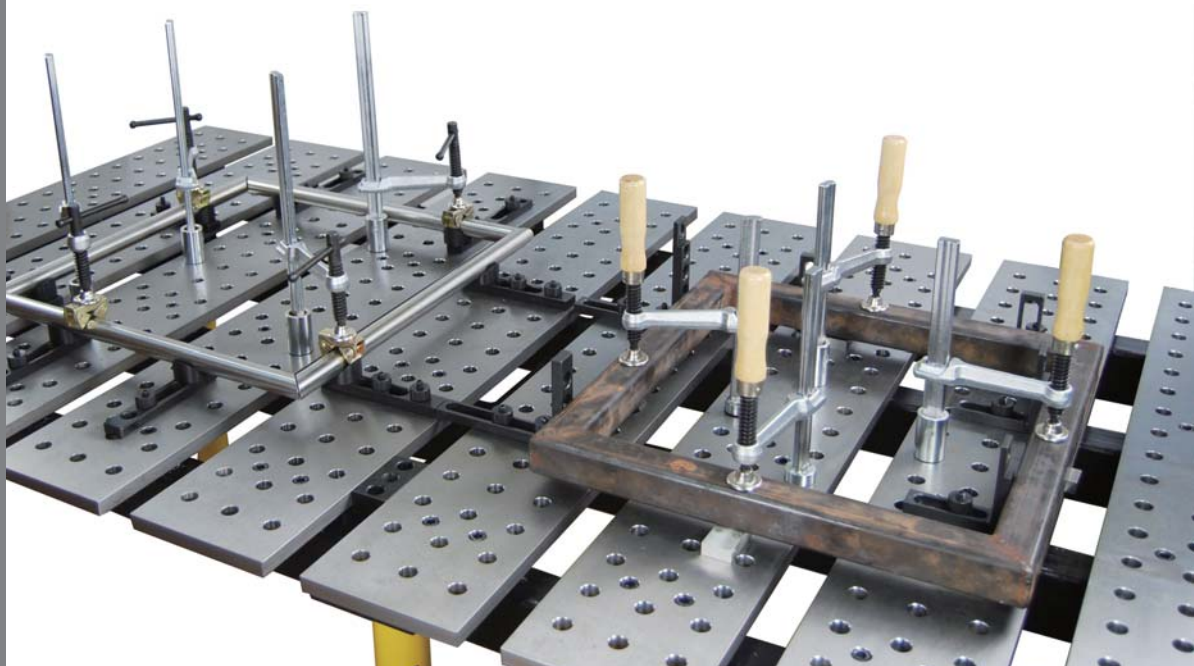
For light duty holding at multiple points, the 2-5/16" mini-magnets fit into tight spots.

► Fixture Framing

The modular BuildPro™ Table gives you the flexibility to create fixtures for the accurate, and repeatable set-up and fabrication of frames.

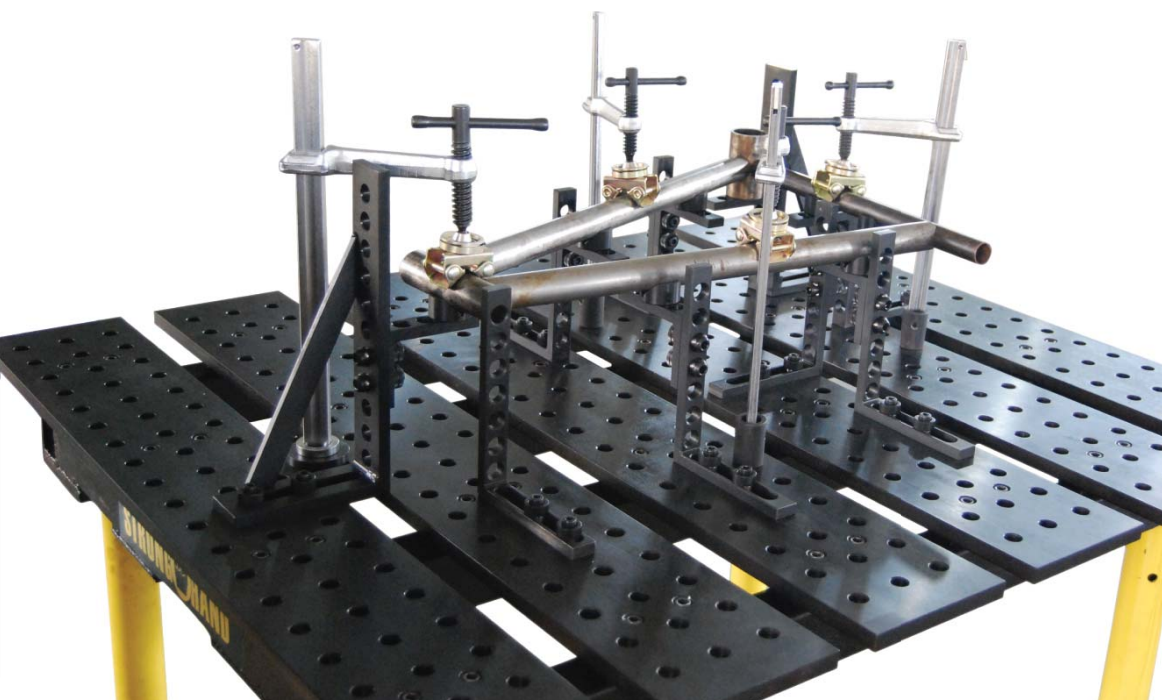


► Rectangular Tube and Pipe Framing

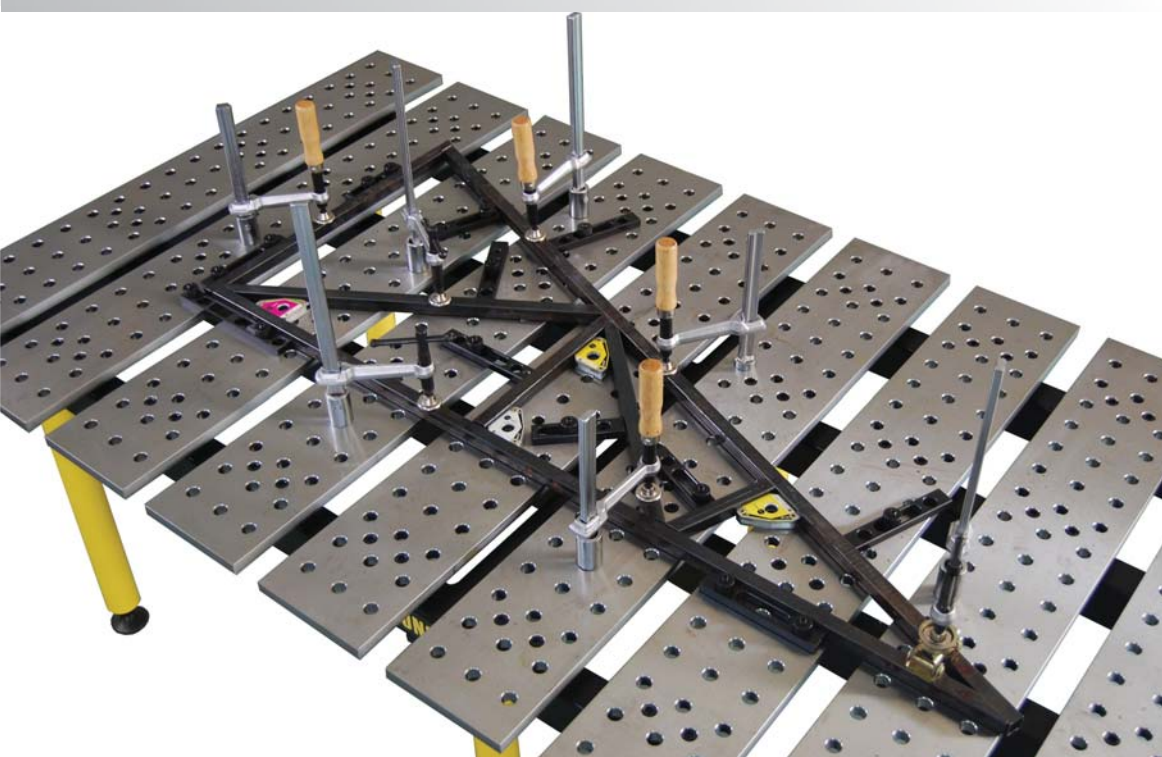


► Building Tubular Frames

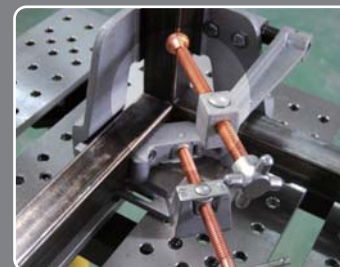
Customers have told us time and time again - tubular framing is their most common application. So we designed the BuildPro™ Table to support that application, and allow for optimum flexibility in the set-ups for frames large, small, complex, simple and everything in between.



► Truss Frame Construction



3-Axis Fixture Vise WAC XXSW Series



Holds a 3-axis workpiece in position. Features quick acting screws and a swing-away arm for quick and easy part removal.

2-Axis Fixture Vise WAC Series



The 2-Axis angle clamp can hold 90° corner and T joints. Also available with quick acting screws.

4-IN-1 Clamps U Series



4 functions in 1 clamp! Use as a:
1. Standard Clamp 2. Pipe Clamp
3. Step-Over Clamp 4. Spreader.

Torpedo Mag-Level ML Series



Attached to vertical / horizontal workpiece on levelled welding table to ensure easy squaring of frame.

JointMaster™ Angle Joining Tools

PL Series



The PL series is an affordable and precise single-hand corner joining tool. Ideal for quick hold & release.

PT Series



The PT series features a retractable plate for edge alignment and V-grooves for holding round pieces.

PA Series



The PA series is adjustable from 30° - 275°. Simply adjust to the desired angle & lock into position.

Improved Locking C-Clamps

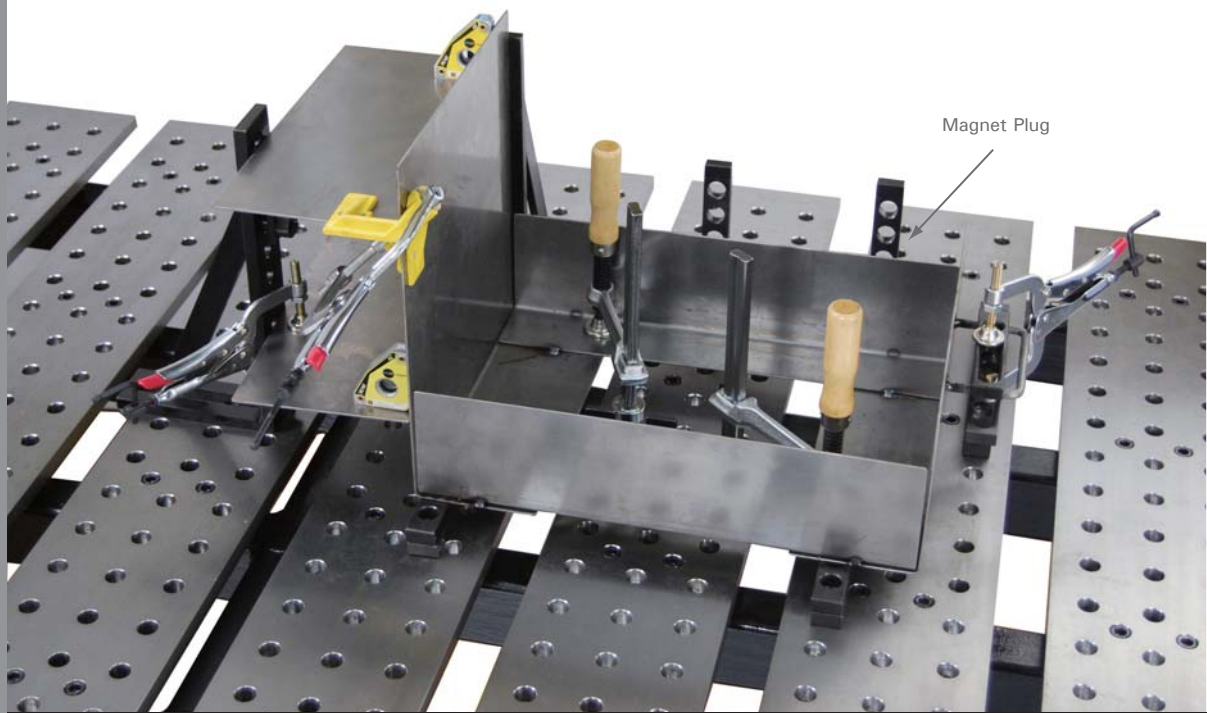
PR Series



Made of rugged, forged heat treated steel. Updated features help you work quickly, safely and efficiently.

► Sheet Metal Construction

Strong Hand Tools® work seamlessly with the BuildPro™, which saves you valuable time for repetitive work. Many simple fixturing tools allow for quick set-ups and disassemblies.



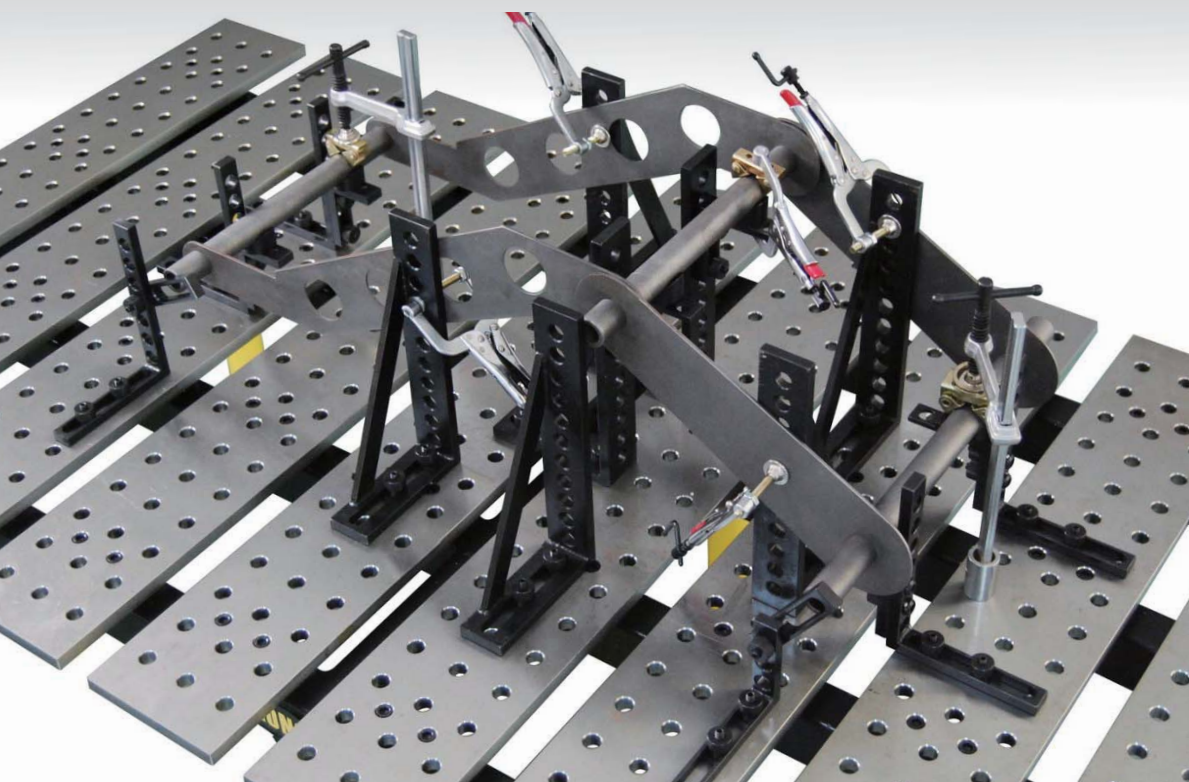
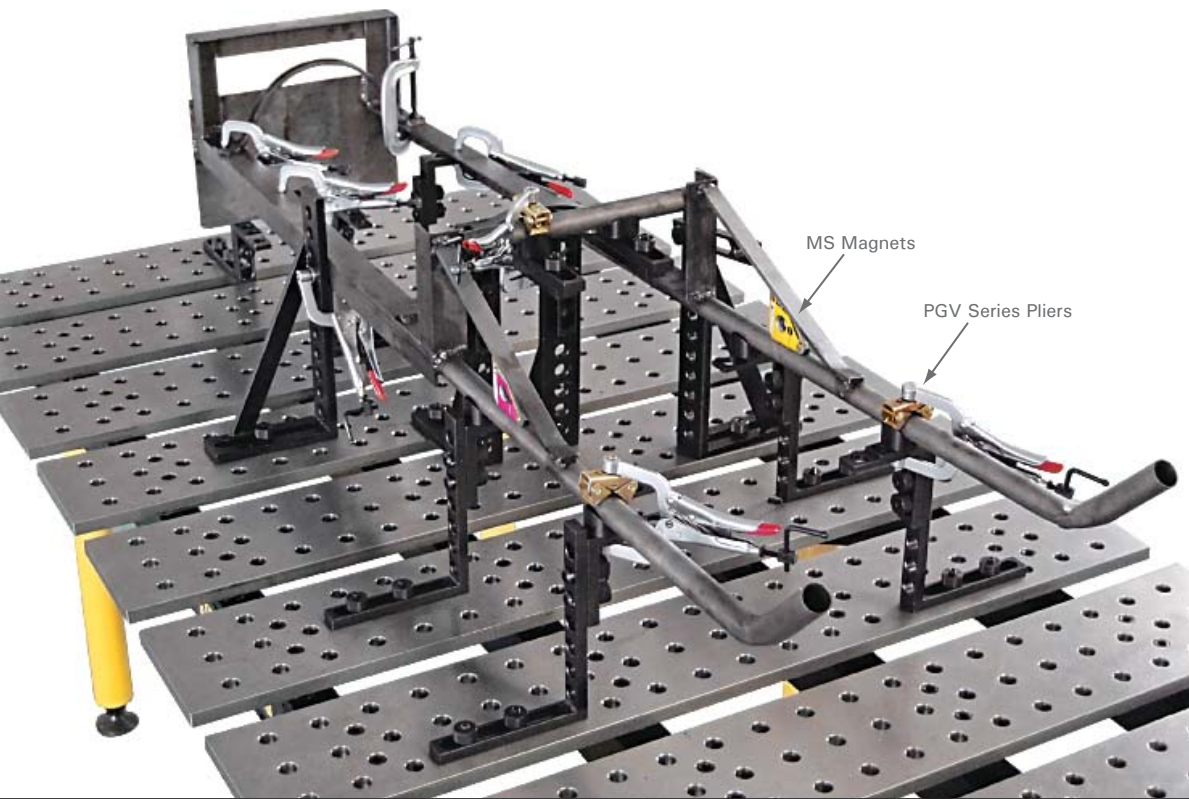
► Large Framing

Table plates can be configured to accommodate oversized fixtures. Use the Leg Adaptor beneath extended plates to adjust the height of the legs for support.



► Assembly Table

Right Angle Plates and Strong Hand Tools® help you set-up and hold the workpiece in exactly the correct position.



Multi-Purpose Pliers

PG Series



One swivel pad spindle, one fixed head spindle allow for flexible hold-down of varying materials.

PG Series



Use the Multi-Purpose plier with the Connector to hold pliers in place.

MagSpring Clamps

UBV Series



The spring-loaded, one-handed clamp with quick-set, magnetic V-pad. Fast and easy to use!

Pipe Pliers

PGV Series



Hold round parts securely with the Pipe Pliers. Comes with removable top and bottom V-Pads.

PowerBase™ Grounding Magnet GM Series



The PowerBase™ Grounding Magnet sets up quickly and easily. Start grounding instantly!

Strong Grip™ Economy Ground Clamps GB Series



The spring-loaded arm quickly makes contact with the workpiece. The copper U-Channel clamps onto round and flat shapes.

MagBrace MX Series



Position a single metal piece, or 2-axis stock, at 90° on round, square, or angled structures before tack welding.

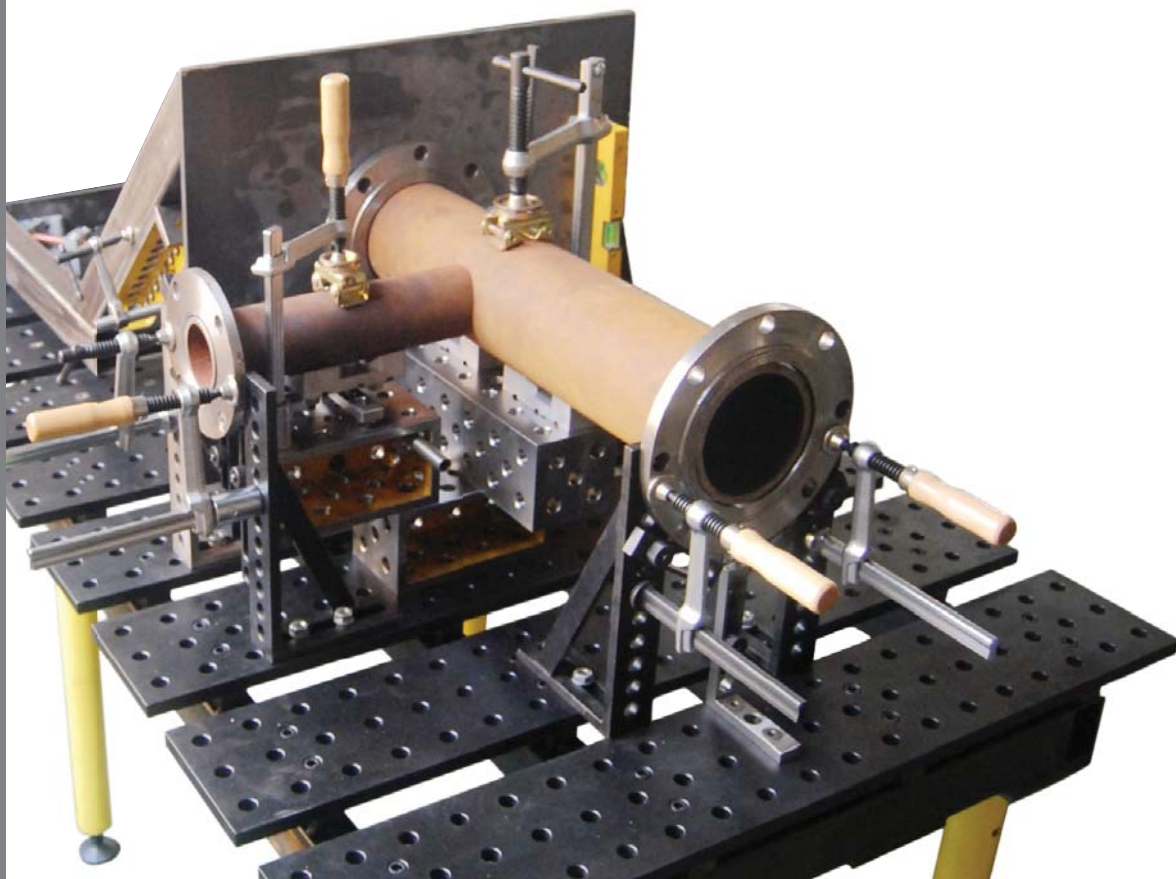
MagTab MFT Series



The better, faster way to hold tabs, or any small metal pieces parallel, or perpendicular to your round, flat, or angled metal surfaces.

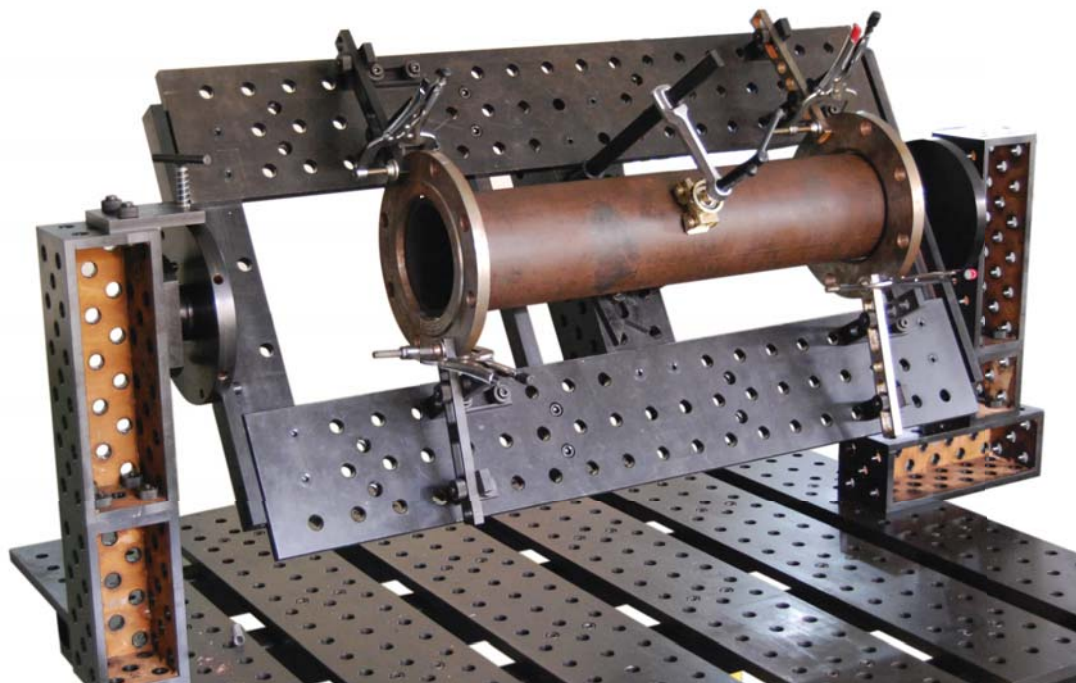
► Building Pipe Fittings Frames

Modular fixturing of pipe weldments for accurate, repeatable results.



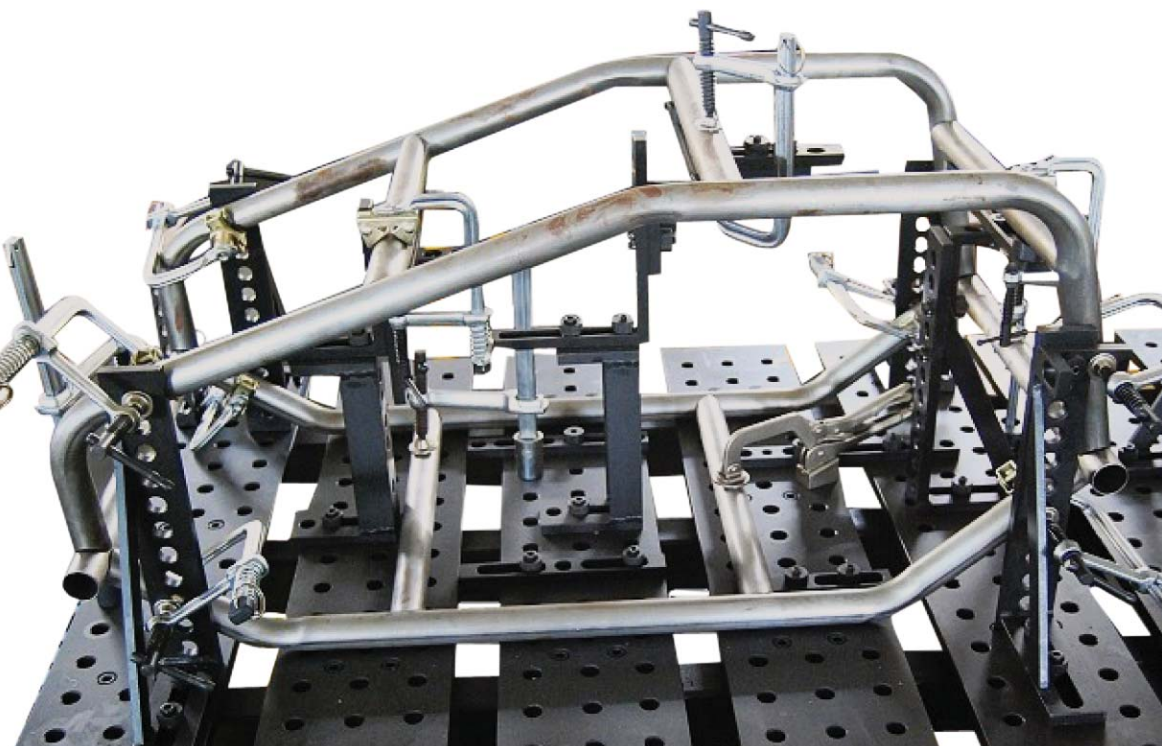
► Turntable Construction

Heavy Duty Riser Blocks used in the construction of Welding Turntable.



► Economical Fixturing Tools

The Three-sided Economy Clamping Squares are economical, and versatile as basic "building blocks" in fixturing.



Corner Magnets MST Series



Create 90° corners by holding from the outside, leaving an unobstructed area for inside welds. Use the outer edges for setting up materials at 60°.

Adjustable Magnetic V-Pad Kit MDFV Series



The perfect tool for quick, tight spot, light duty holding. Magnetic V-Pad adjusts to build, hold, and position round, flat, and square steel stock.

NOMAD™ Economy Welding Table

Very Affordable. Fully Adjustable. Easily Movable.

TS Series



HOT TIPS

We recommend use of the NOMAD™ Economy Welding Table in combination with use of the BuildPro™ Table:

Use the space-saving NOMAD™ Table to tack weld smaller parts that will become part of a larger substructure.

Use the NOMAD™ for small, short-run prototypes, reserving the BuildPro™ Table for larger, more complex projects.

Use the NOMAD™ as a prep table for those parts that need additional finishing processes before being added to the larger substructure on the BuildPro™.

The NOMAD™ Table can easily be moved around the work area on two casters.

Roll the NOMAD™ Table outside to work on smaller parts to avoid inhalation of welding smoke.

When not in use, the NOMAD™ Table can be folded closed, and rolled away for storage.

Use the slots in the tabletop to hang the NOMAD™ on workshop hooks for completely out-of-the-way storage.



BuildProTM WELDING TABLES

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