BUILDPRO®

Welding Tables

» Youtube Channel

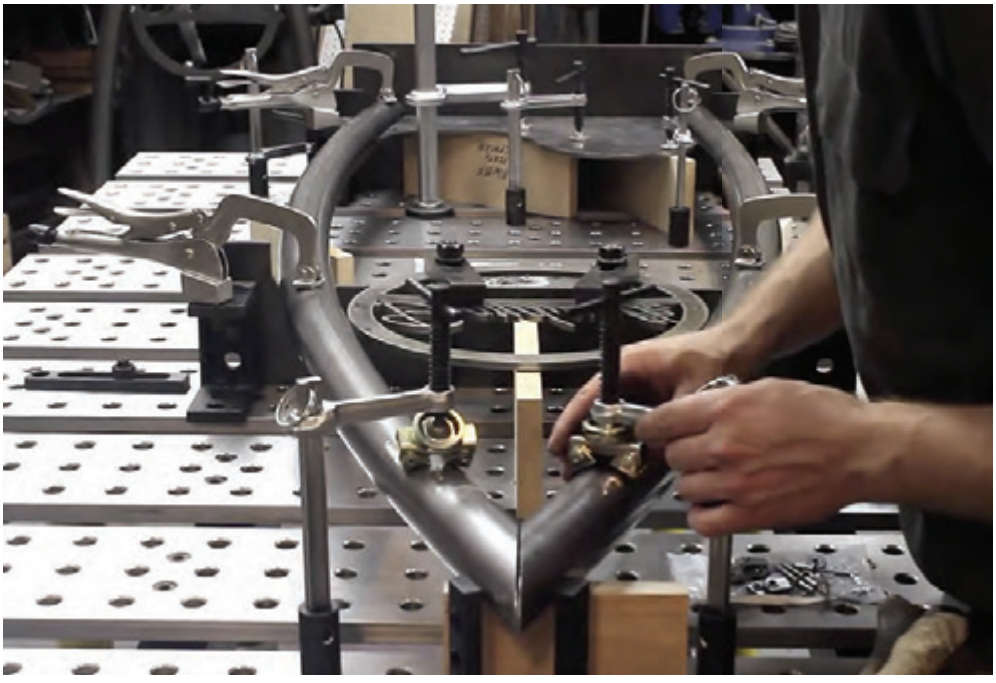
Fabricate Cost Effectively with Modular Fixturing

2017 METRIC CATALOG

StrongHandTools®

Place a BuildPro® Table in your shop, and you will discover how modular fixturing will benefit your operation in greater productivity and improved work quality. Enjoy fast setup replication and reduced project lead times in prototyping, short production runs, or dedicated volume production runs.

Ready to purchase your BuildPro® Table? Find your local Authorized Distributor at:
www.BuildProTables.com



Watch Modular Fixturing How-To Videos at:
www.YouTube.com/StrongHandTools

BuildPro Fabricators - Show off what you've built! Post an image of your fixture or weldment #FixturePicture.

Educational Discounts - Ask about our Modular Fixturing for Education Table + Fixturing Kit packages.

QUICK ACTING WELDING TOOLS
www.stronghandtools.com

HEAVY DUTY GERMAN MADE WELDING TABLES
www.siegmundtables.com

OPERATING ACCESSORIES & TOOLING COMPONENTS
www.valtrainc.com

TOGGLE CLAMPS & LATCHES
www.goodhandinc.com

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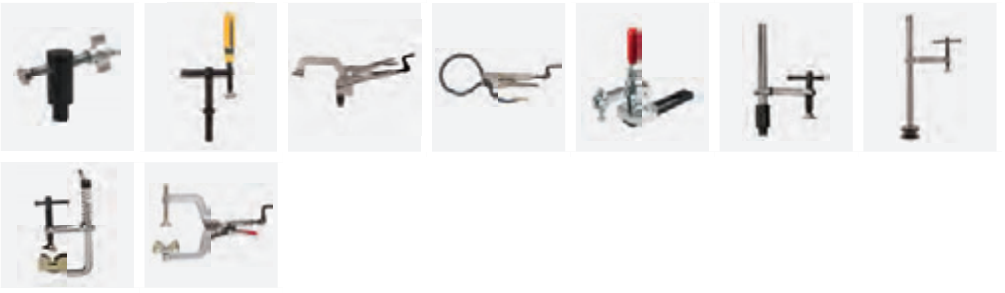
TABLE OF CONTENTS

TABLES
08 - 17

TABLE ACCESSORIES
18 - 22

CLAMPS
22 - 27



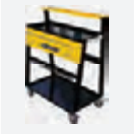
SQUARES / STOPS
27 - 30

FLANGE PLATE
31

RESTS & STOPS
32 - 37

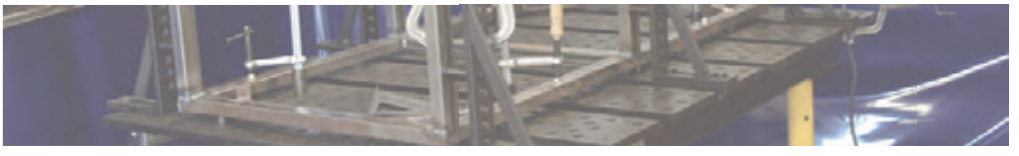
FASTENERS
37 - 39

TOOL CART
40



FIXTURING KITS
42 - 45

FIXTURING EXAMPLES
46 - 51



** All products, product specifications and data are subject to change without notice to improve reliability, function, design or otherwise.*

SET-UP *FIXTURES FOR EACH UNIQUE JOB*

IMPROVE *PRODUCTIVITY AND WORK QUALITY*

REDUCE *PRODUCTION COSTS, LEAD TIMES & SCRAP*

Precision ground steel plates, with CNC machined Ø16 mm holes in a 50 mm grid pattern for locating, positioning and mounting BuildPro® clamps and accessories.

Plates can be reconfigured to expand the width of the table for larger projects.

Heavy Duty Leveling Feet ensure proper leveling of the table on uneven surfaces.

BuildPro® Table Accuracy

- Table flatness: 0.3 mm / 1,000 mm
- Hole spacing: 50 mm ± 0.038
- Hole diameter: 16 mm $^{+.10}_{+.03}$
- Plate thickness: 16 mm ± 0.1

Standard (plain) finish - Mild Steel

Nitrided (Heat-Treated) Tabletop

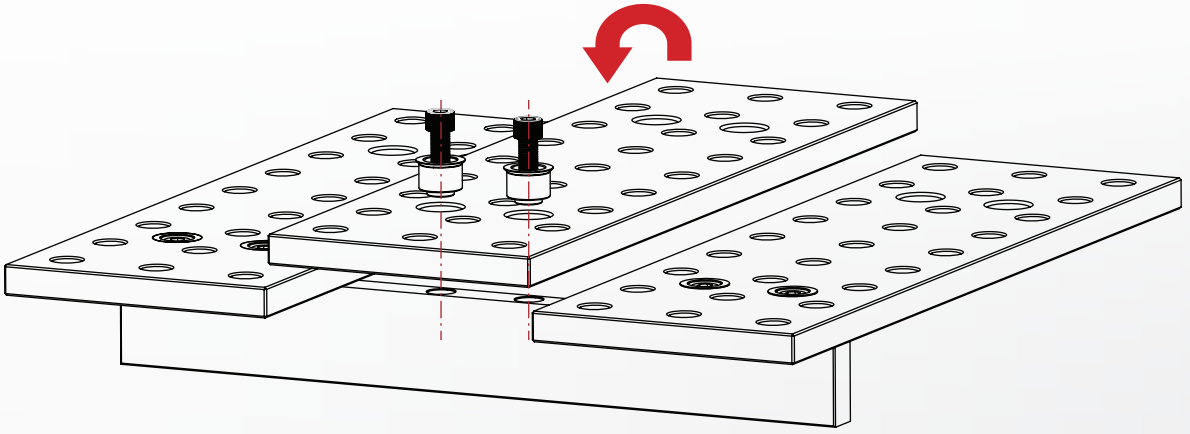
The BuildPro® is available with a protective nitrided tabletop. The nitriding (heat-treating) process is a mechanical polish and post salt bath oxidative treatment. The benefits of this process include weld spatter resistance and corrosion and wear resistance.

- Surface hardness: HV 550
- Coefficient of friction: 0.37
- Nitriding case depth: 0.01 mm - 0.02 mm

NEW REVERSIBLE *SELF-LOCATING TABLE PLATES!*

Get longer wear from your BuildPro® Table.

When the surface of your BuildPro® Table plates show signs of wear, turn them over to provide a new work surface.



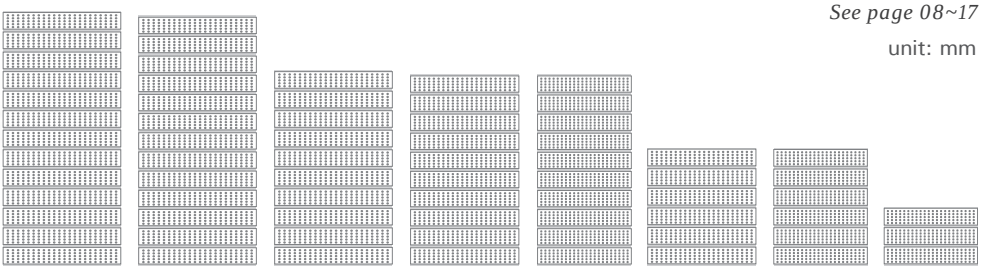
Your new reversible BuildPro® Table plates are self-locating.

EVERY YEAR WE EXPAND THE BUILDPRO TABLE LINE TO MEET CUSTOMER DEMAND. IT IS IMPORTANT TO HAVE A WELDING SURFACE ***THAT WORKS BEST FOR YOU*** FOR INCREASED COMFORT, SAFETY, AND PRODUCTIVITY.

CHOOSE YOUR TABLE SIZE & FINISH

See page 08~17

unit: mm



2,600 x 1,250 | 2,560 x 1,250 | 2,000 x 1,250 | 1,960 x 1,150 | 1,960 x 1,000 | 1,160 x 1,150 | 1,160 x 1,000 | 560 x 1,000

CHOOSE YOUR TABLE LEGS

See page 19

Standard Legs

Heavy Duty Legs

Adjustable Legs

Standard Caster

Mobility Caster

OR CHOOSE A PLATFORM

See page 20

Rotary Positioner

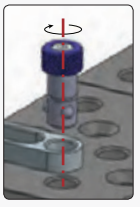
All BuildPro® Tables are constructed from 16 mm thick steel plate, with Ø16 mm CNC machined and holes chamfered in a 50 mm grid pattern. All tables, except the BuildPro® MAX series, have 40 mm slots between plates.

- *All load capacities are calculated based on evenly distributed static load.*
- *Optional Leg Braces and Casters. See page 18 & 19.*

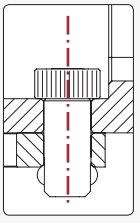
KEY ELEMENTS in the BuildPro® Modular Fixturing System

NEW DESIGN

*** Ball Lock Bolt**
- An essential component in Modular Fixturing!



Finger tighten the knurled head after insertion to preload before tightening with Hex Key.



Three locking steel balls move outward to lock the bolt in position.

Ball Lock Bolts are key to the efficient set up of Modular Fixtures on your BuildPro® Tabletop. Use the Ball Lock Bolts to fasten clamping elements to the BuildPro® Tabletop, or fasten two clamping elements together.

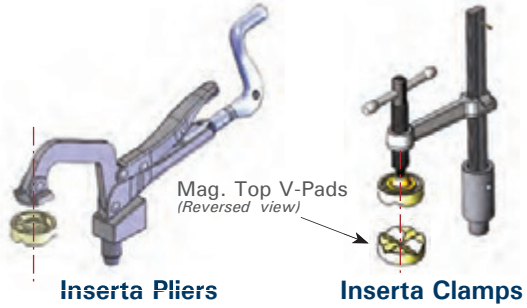
Basic Hold Down Clamping:

- Inserta Clamps
- Sliding Channel Clamps
- Inserta Pliers
- Good Hand® Toggle Clamps

Stop, Position, & Locate Stock:

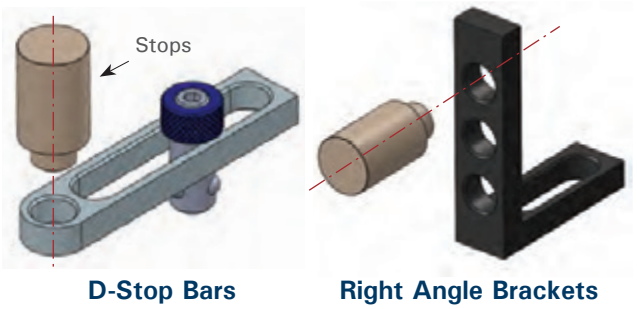
- Right Angle Brackets
- Straight Edge Stops
- Econo Stop & Clamping Squares
- Malleable Cast Iron Clamping Squares
- Heavy Duty Riser Blocks
- Stops, Rests, and V-Blocks

Clamps



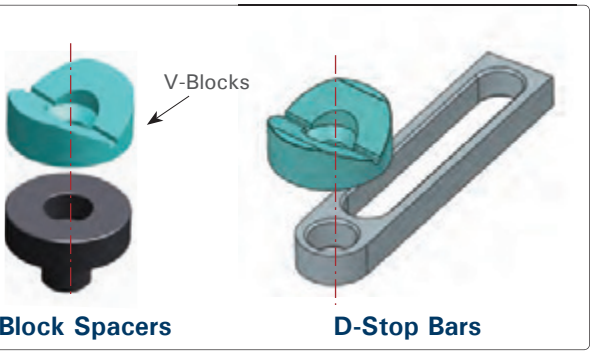
Quick hold-down clamping of flat, square, angled or round parts.

Locate / Stop



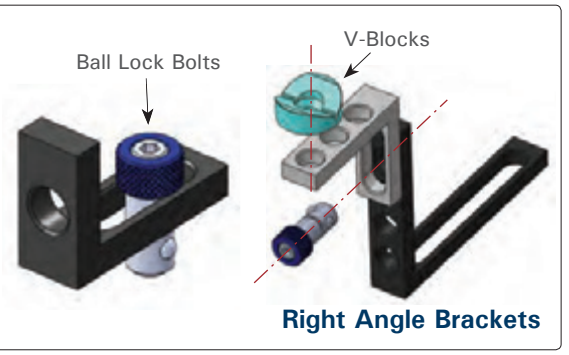
Stop, locate, and position parts.

Support Round Stock



Elevate and hold round parts.

Stop / Locate / Elevate



Stop and locate parts.

Stack Right Angle Brackets to elevate and hold round parts.

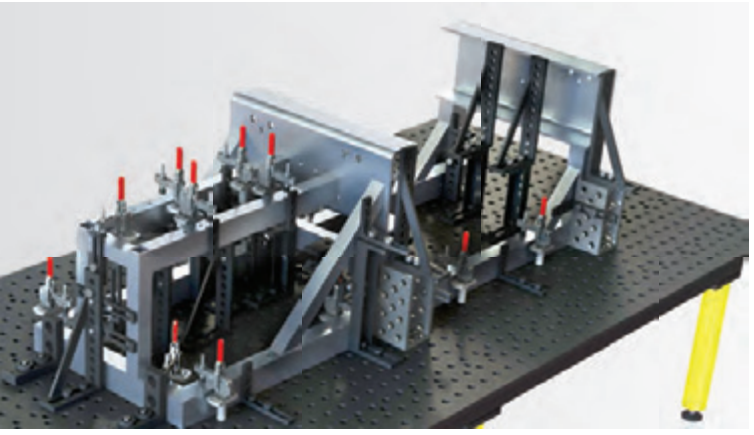
BUILDPRO® MAX TABLES

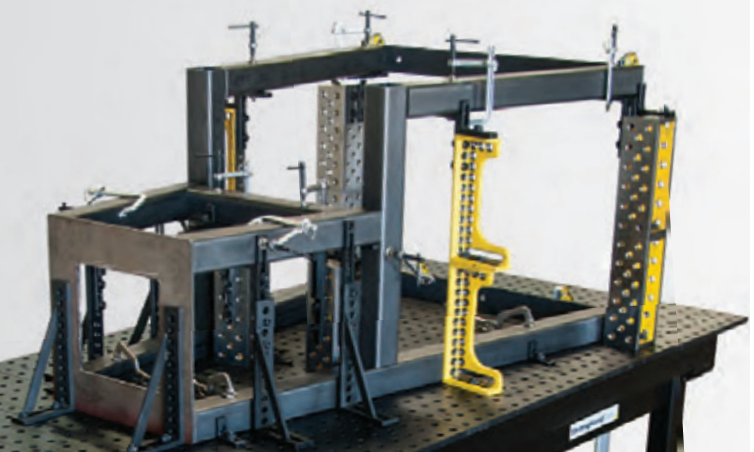
MAXIMUM TABLE SURFACE, MAXIMUM CAPACITY

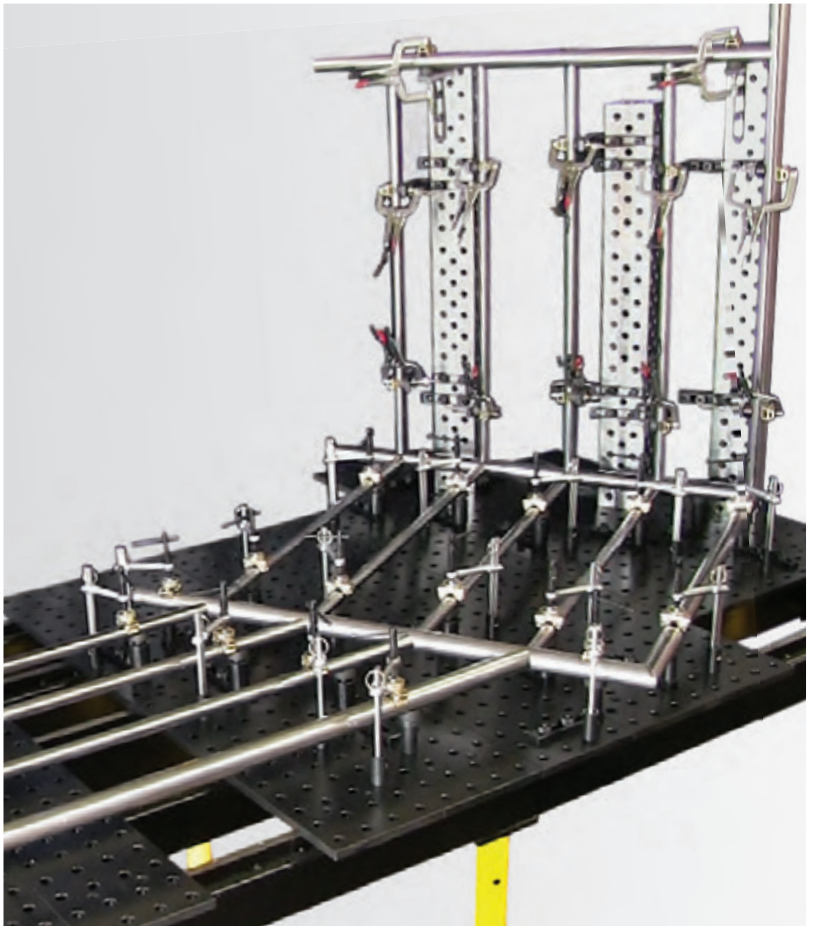
Set-up heavy duty, large, or complex fixtures.

Set-up more than one fixture at a time on the larger surface.

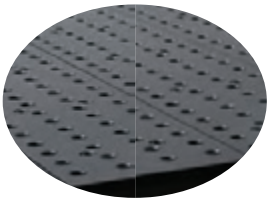
Utilize the additional holes (33% more than slotted tables) for clamping at multiple points.







2,600 X 1,250 MM (TABLE SURFACE DIMENSION)



With **Heavy Duty Leg**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMD626125F	Standard	900	3,000	655
TME626125F		750		650
TMQD626125F	Nitrided	900		655
TMQE626125F		750		650

With **Adjustable Round Leg - Adjustable at 25 mm increments**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMR626125F	Standard	710 ~ 1,000	3,000	660
TMQR626125F	Nitrided			

With **Adjustable Round Leg & Mobility Caster**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMRC626125F	Standard	830 ~ 1,130	2,000	675
TMQRC626125F	Nitrided			

**All load capacities are calculated based on static load.*

2,000 X 1,250 MM (TABLE SURFACE DIMENSION)

With **Heavy Duty Leg**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMD620125F	Standard	900	3,000	490
TME620125F		750		485
TMQD620125F	Nitrided	900		490
TMQE620125F		750		485

With **Adjustable Round Leg - Adjustable at 25 mm increments**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMR620125F	Standard	710 ~ 1,000	3,000	495
TMQR620125F	Nitrided			

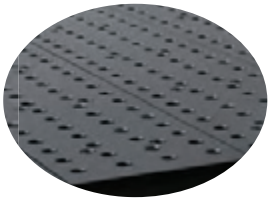
With **Adjustable Round Leg & Mobility Caster**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMRC620125F	Standard	830 ~ 1,130	2,000	515
TMQRC620125F	Nitrided			

**All load capacities are calculated based on static load.*

NEW ITEM

1,200 X 1,200 MM (TABLE SURFACE DIMENSION)



With **Heavy Duty Leg**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMD61212F	Standard	900	2,500	435
TME61212F		750		430
TMQD61212F	Nitrided	900		435
TMQE61212F		750		430

With **Adjustable Round Leg - Adjustable at 25 mm increments**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMR61212F	Standard	710 ~ 1,000	2,500	440
TMQR61212F	Nitrided			

With **Adjustable Round Leg & Mobility Caster**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMRC61212F	Standard	830 ~ 1,130	2,000	450
TMQRC61212F	Nitrided			

**All load capacities are calculated based on static load.*

2,560 X 1,250 MM (TABLE SURFACE DIMENSION)

With **Heavy Duty Leg**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMD625125	Standard	900	2,500	450
TME625125		750		435
TMQD625125	Nitrided	900		450
TMQE625125		750		435

With **Adjustable Round Leg - Adjustable at 25 mm increments**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMR625125	Standard	710 ~ 1,000	2,500	450
TMQR625125	Nitrided			

With **Adjustable Round Leg & Mobility Caster**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMRC625125	Standard	830 ~ 1,130	2,000	465
TMQRC625125	Nitrided			

**All load capacities are calculated based on static load.*

1,960 X 1,150 MM (TABLE SURFACE DIMENSION)

With **Standard Leg**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMA62011	Standard	900	2,500	345
TMB62011		750		340
TMQA62011	Nitrided	900		345
TMQB62011		750		340

With **Adjustable Round Leg - Adjustable at 25 mm increments**

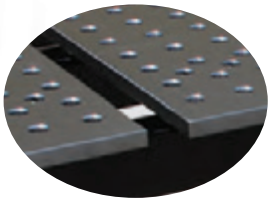
Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMR62011	Standard	680 ~ 970	2,500	360
TMQR62011	Nitrided			

With **Adjustable Round Leg & Mobility Caster**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMRC62011	Standard	800 ~ 1,100	2,000	375
TMQRC62011	Nitrided			

**All load capacities are calculated based on static load.*

1,960 X 1,000 MM (TABLE SURFACE DIMENSION)



With **Standard Leg**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMA62010	Standard	900	2,500	305
TMB62010		750		300
TMQA62010	Nitrided	900		305
TMQB62010		750		300

With **Adjustable Round Leg - Adjustable at 25 mm increments**

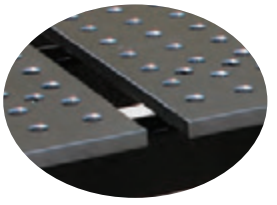
Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMR62010	Standard	680 ~ 970	2,500	320
TMQR62010	Nitrided			

With **Adjustable Round Leg & Mobility Caster**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMRC62010	Standard	800 ~ 1,100	2,000	335
TMQRC62010	Nitrided			

**All load capacities are calculated based on static load.*

1,160 X 1,150 MM (TABLE SURFACE DIMENSION)



With **Standard Leg**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMA61211	Standard	900	2,200	210
TMB61211		750		205
TMQA61211	Nitrided	900		210
TMQB61211		750		205

With **Adjustable Round Leg - Adjustable at 25 mm increments**

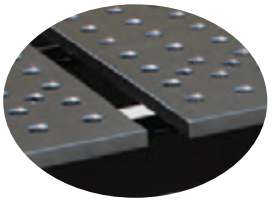
Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMR61211	Standard	680 ~ 970	2,200	220
TMQR61211	Nitrided			

With **Adjustable Round Leg & Mobility Caster**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMRC61211	Standard	800 ~ 1,100	2,000	230
TMQRC61211	Nitrided			

**All load capacities are calculated based on static load.*

1,160 X 1,000 MM (TABLE SURFACE DIMENSION)



With **Standard Leg**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMA61210	Standard	900	2,200	188
TMB61210		750		185
TMQA61210	Nitrided	900		188
TMQB61210		750		185

With **Adjustable Round Leg - Adjustable at 25 mm increments**

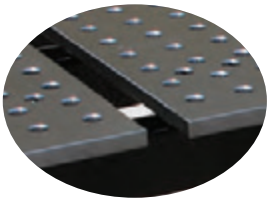
Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMR61210	Standard	680 ~ 970	2,200	195
TMQR61210	Nitrided			

With **Adjustable Round Leg & Mobility Caster**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMRC61210	Standard	800 ~ 1,100	2,000	205
TMQRC61210	Nitrided			

**All load capacities are calculated based on static load.*

560 X 1,000 MM (TABLE SURFACE DIMENSION)



With **Standard Leg**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMA60610	Standard	900	1,000	108
TMB60610		750		105
TMQA60610	Nitrided	900		108
TMQB60610		750		105

With **Adjustable Round Leg - Adjustable at 25 mm increments**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMR60610	Standard	680 ~ 970	1,000	115
TMQR60610	Nitrided			

With **Adjustable Round Leg & Mobility Caster**

Part No.	Finish	Table Surface Height (mm)	* Table Capacity (kg)	Table Weight (kg)
TMRC60610	Standard	800 ~ 1,100	800	125
TMQRC60610	Nitrided			

**All load capacities are calculated based on static load.*

NEW ITEM

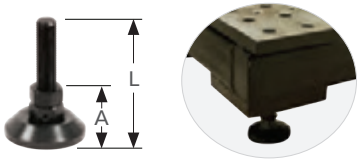
MAX TABLETOPS

Part No.	Finish	Tabletop Dimension (mm)	Weight (kg)
TM61212F	Standard	1,200 x 1,200	415
TM620125F		2,000 x 1,250	460
TM626125F		2,600 x 1,250	610
TMQ61212F	Nitrided	1,200 x 1,200	415
TMQ620125F		2,000 x 1,250	460
TMQ626125F		2,600 x 1,250	610

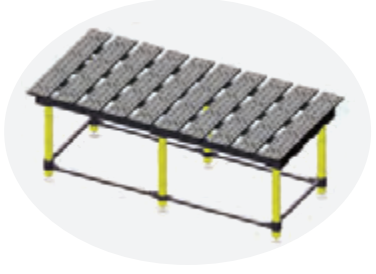
SLOTTED TABLETOPS

Part No.	Finish	Tabletop Dimension (mm)	Weight (kg)
TM60610	Standard	1,000 x 560	88
TM61210		1,160 x 1,000	165
TM61211		1,160 x 1,150	190
TM62010		1,960 x 1,000	275
TM62011		1,960 x 1,150	315
TM625125		2,560 x 1,250	505
TMQ60610	Nitrided	1,000 x 560	88
TMQ61210		1,160 x 1,000	165
TMQ61211		1,160 x 1,150	190
TMQ62010		1,960 x 1,000	275
TMQ62011		1,960 x 1,150	315
TMQ625125		2,560 x 1,250	505

LEVELING PAD FOR TABLETOPS



Part No.	L (mm)	A (mm)	Base Dia. (mm)	Thread	Weight (kg)
TML-02	120	70	75	M20	0.8



LEG BRACES

Leg Braces reinforce and stabilize the BuildPro® table. 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 (kg)
TMLB2630	Leg Brace assemblies for 2,600 mm x 1,250 mm **MAX** Table	11.5
TMLB2030	Leg Brace assemblies for 2,000 mm x 1,250 mm **MAX** Table	9.5
TMLB1203	Leg Brace assemblies for 1,200 mm x 1,200 mm **MAX** Table	6.8
TMLB25	Leg Brace assemblies for 2,560 mm x 1,250 mm **slotted** Table	11.0
TMLB20	Leg Brace assemblies for 1,960 mm x 1,150 mm and 1,960 mm x 1,000 mm **slotted** Table	8.5
TMLB12	Leg Brace assemblies for 1,160 mm x 1,150 mm and 1,160 mm x 1,000 mm **slotted** Table	6.5

TABLE LEGS & SUPPORT LEG ADAPTER

Use the Support Leg Adapter + a BuildPro® Table Leg to support extended table plates at the uniform table height. Screw the table leg into the threaded base of the Support Leg Adapter. Attach the Support Leg Adapter and Leg assembly to the extended table plate using two flush mount socket head shoulder screws (included with Leg Adapter).

Part No.	Description	Dia. (mm)	Thread	Weight (kg)
TML3130	Heavy Duty Leg for 900 mm height	76	M20	6.8
TML2530	Heavy Duty Leg for 750 mm height	76		5.5
TML31	Standard Leg for 900 mm height	50		5.0
TML25	Standard Leg for 750 mm height	50		4.0
TMLAM	Leg Adapter for use with TML31 & 25. *(Legs sold separately.)*	50	--	1.8

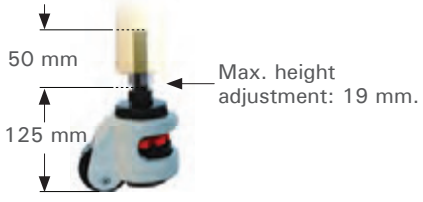
TMLR30

ADJUSTABLE LEG

Telescoping adjustable range from 550 mm to 830 mm in height.
Yellow powder coating.

NEW ITEM

Part No.	Description	Adjustable range (mm)	Static load (kg)	Diameter/Side length (mm)	Weight (kg)
TMLR30	Adjustable Leg, Round	550 ~ 830	350 each	76	7.5



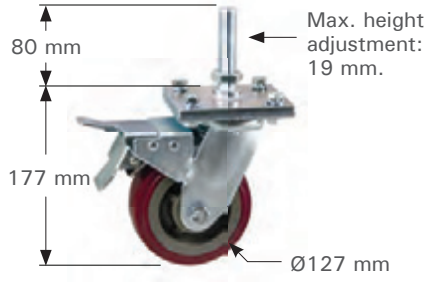
LEVELING CASTER

These compact, heavy duty leveling casters are the simple way to move and level your BuildPro® Welding Table.

This caster will add 76 mm to your total tabletop surface height.

** Sold individually.*

Part No.	Capacity (kg)	Thread	Weight (kg)
TMLC600	500 each	M20	1.4



MOBILITY CASTER

NEW ITEM

Durable caster rolls smoothly on precision ball bearings, with non-marking, non-marring nylon polymer wheels.

Dual toe-step braking system can be set for no-swivel, no-roll.

This caster will add 146 mm to your total tabletop surface height.

** Sold individually.*

Part No.	Capacity (kg)	Thread	Weight (kg)
TMLC700	300 each	M20	3.5

NEW ITEM

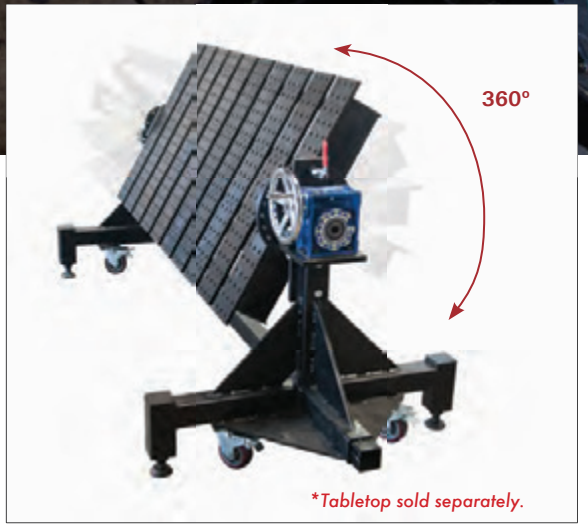
PATENT PENDING

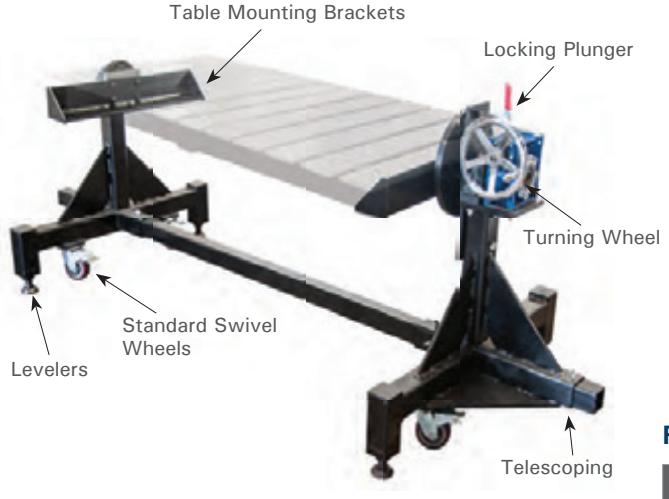
ROTARY POSITIONERS

Horizontally mount your BuildPro® or Siegmund® Welding Tabletop to the New BuildPro® Rotary Positioner for plane rotation of your welding tabletop. The gear driven free-turning mechanism allows for smooth operation, superior stability and controlled turning and positioning at precise 15° increments with positive manual locking.

The BuildPro® Rotary Positioner allows you to rotate your weld fixture to the best ergonomic position for worker safety and comfort, and reduced operator fatigue. Position your fixture for better weld access, accuracy, and productivity for both manual and robotic welding operations.

The BuildPro® Rotary Positioner is universal, with an adjustable base to accommodate most standard BuildPro® or Siegmund® Welding Tabletops. The Positioner features four swiveling, locking casters, and four leveling feet for setup at dedicated or alternating locations in the shop.





FOR BUILDPRO® MAX TABLETOP SIZE

Part No. *(Positioner + Mounting Brackets)*	Weight (kg)	*(For Use w/ Tabletop) (mm)*
TMP626125	330	*TM(Q)626125F (2,600 x 1,250)*
TMP620125		*TM(Q)620125F (2,000 x 1,250)*
TMP61212		*TM(Q)61212F (1,200 x 1,200)*

FOR BUILDPRO® SLOTTED TABLETOP SIZE

Part No. *(Positioner + Mounting Brackets)*	Weight (kg)	*(For Use w/ Tabletop) (mm)*
TMP625125	325	*TM(Q)625125 (2,560 x 1,250)*
TMP62011		*TM(Q)62011 (1,960 x 1,150)*
TMP62010		*TM(Q)62010 (1,960 x 1,000)*
TMP61211		*TM(Q)61211 (1,160 x 1,150)*
TMP61210		*TM(Q)61210 (1,160 x 1,000)*

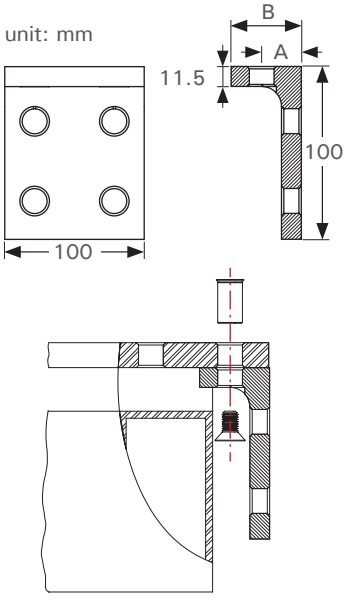
** For use with BuildPro® or Siegmund® System 16 Tabletops. Contact our Sales Team to request the Siegmund® Catalog.*

NEW ITEM

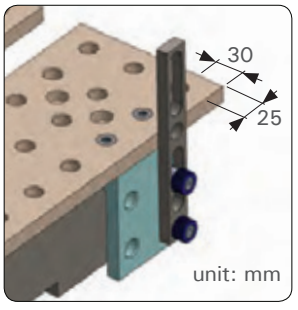
SIDE BRACKETS FOR TABLES

Locate or clamp your weldment at or beyond the table edge, by mounting the Side Bracket at the edge of your BuildPro standard or MAX Welding Table.

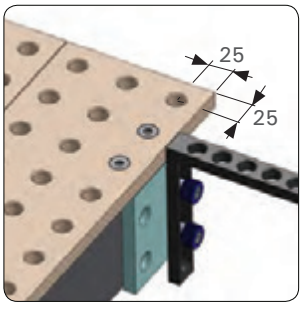
Use the Side Bracket to vertically mount clamping elements, such as the Straight Edge Stops or Right Angle Brackets to add greater functionality to your table in fixturing oversized weldments.



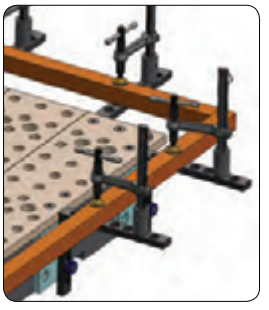
Part No.	A (mm)	B (mm)	Mounting Location	Weight (kg)
T61825	25	36	MAX Tables – END or SIDE Slotted Tables - END	1.4
T61830	29.2	41.5	Slotted Tables - SIDE	1.5



Slotted table shown



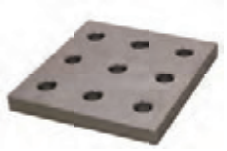
MAX table shown



INDIVIDUAL TABLE PLATES

Part No.	Finish	Dimension (mm)	Plate Thickness (mm)	Weight (kg)
TM62010-01	Standard	1,000 x 160	16	18
TM62011-01		1,150 x 160		22
TM620125-01		1,250 x 160		24
TM620125F-01		1,250 x 200		28
TMQ62010-01	Nitrided	1,000 x 160		18
TMQ62011-01		1,150 x 160		22
TMQ620125-01		1,250 x 160		24
TMQ620125F-01		1,250 x 200		28

6 HOLE & 9 HOLE FIXTURING PLATE



Part No.	Finish	Description	Plate Thickness (mm)	Weight (kg)
T61006	Standard	100 x 160 mm Fixturing Plate, 6 holes	16	1.9
T61009		150 x 160 mm Fixturing Plate, 9 holes		2.8

NEW ITEM

FIXTURING PLATE

This versatile plate can be used as a fixturing element, or as a link to connect two tables together, or use it to construct a Modular Riser Block (see pg. 30).

Part No.	Finish	Description	Plate Thickness (mm)	Weight (kg)
T62005-01	Nitrided	500 x 160 mm Fixturing Plate	16	9.0

NEW ITEM

MOUNTING SCREWS 10 PC KIT

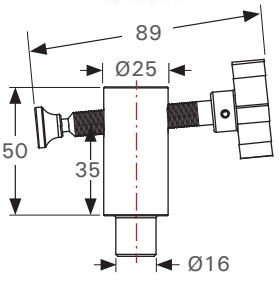
x 10

Used for mounting BuildPro® plates to the table frame.

Part No.	Description	Weight (kg)
T55310	10 pc. of M10 x 22 Mounting Socket Head Cap Screws	0.3

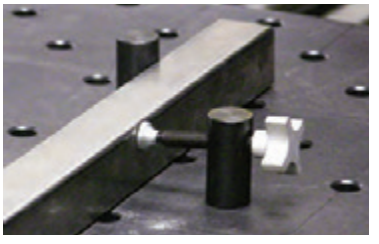
NEW ITEM

SIDE CLAMP



Insert into the Buildpro® table holes for low profile, light duty, horizontal clamping.

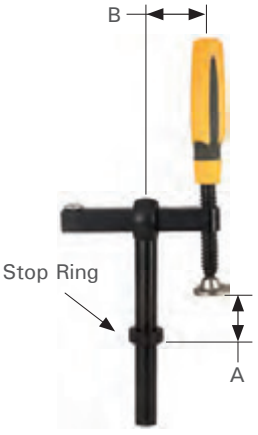
A turn of the aluminum knob advances the spindle, bringing the swivel foot to rest against the face of your stock or workpiece.



Part No.	Stroke (mm)	Weight (kg)
TCX6210	38	0.3

unit: mm

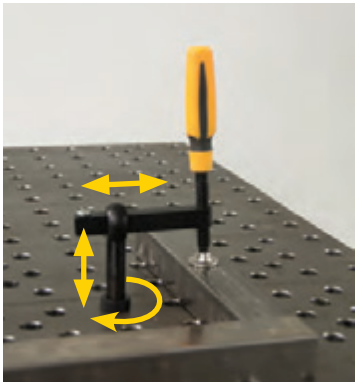
NEW ITEM

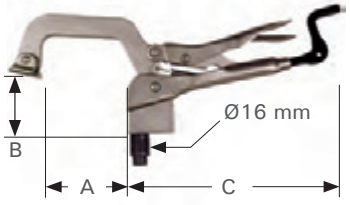


T-POST CLAMP

Place the Adjustable T-Post Clamp in any of the Ø16 mm holes on the BuildPro Tabletop or Heavy Duty Riser Blocks for both vertical and horizontal clamping. Adjust the clamp arm along the vertical or horizontal axis for each unique hold down application. Move the Stop Ring as needed to set the height of the clamp.

Part No.	Clamping Capacity A (mm)	Throat Depth B (mm)	Weight (kg)
T61650	Max. 114	44.5 - 82.5	0.6





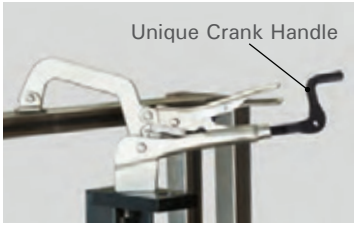
INSERTA PLIERS

Insert into Ø16 mm for fast hold-down clamping.

Mount on the Right Angle Bracket, Riser Block, or Clamping Squares for push down clamping at an elevated height for taller workpieces. The patented rear crank handle allows clamp pressure adjustment while the clamp is in locked position. Use the crank handle to pre-set the clamp opening in repetitious clamping applications.

** Can be used with Magnetic Top V-Pads. See pg.26.*

Part No.	Throat Depth A (mm)	Opening B (mm)	C (mm)	Weight (kg)
PT07K	50	60	150	0.3
PT09K	75	100	200	0.4
PT11K	85	100	265	0.7
PT14K	155	120	265	0.9



PFC1024

** See www.stronggrips.com for different chain sizes.*

PXC90

LOCKING CHAIN PLIERS W/ BASES

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

Part No.	Chain Length (mm)	Holds Pipes (mm)	Weight (kg)
PFC1024	600	up to 165	0.9

Part No.	Description	Weight (kg)
PXC90	Table Mount Base Kit (PXC91 + PXC92)	0.5

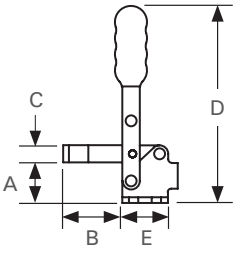
NEW ITEM

ADJ. MOUNTING BASE *for GOOD HAND®* TOGGLE CLAMPS

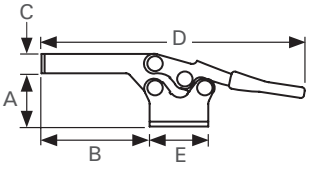
Mount any of the seven *Good Hand®* Toggle Clamps listed below on this low-profile, pre-tapped Adjustable Mounting Base. Mount Toggle Clamps directly on the BuildPro® Tabletop, Riser Blocks or Econo Stop & Clamping Squares, for the height and reach required for each hold down application.

The thickness of the Aluminum base adds 16 mm to the maximum capacity of the Toggle Clamp.

Use Ball Lock Bolts (not included), to mount the Straight Edge Stop attachment. See pg. 38 for details.

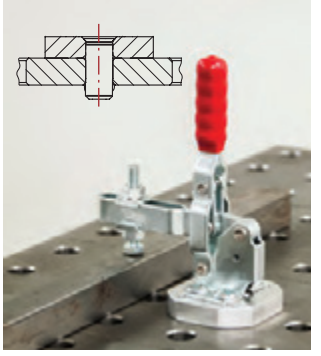


Vertical

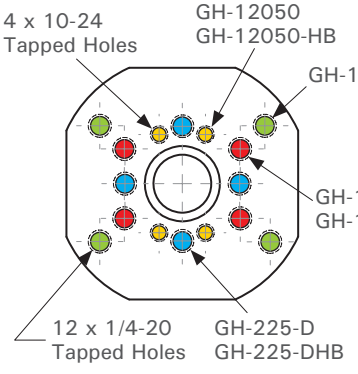


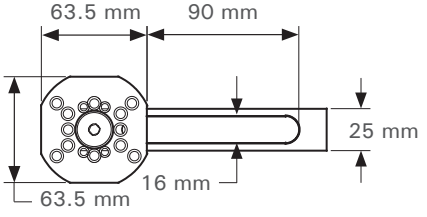
Horizontal

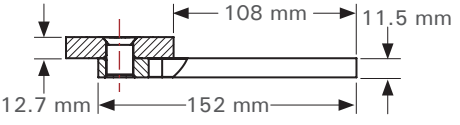
	Part No.	Mounting Hole (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (kg)
Vertical	GH-12050	4 x Ø5	22.6	33	9.6	95	25.4	0.2
	GH-12050-HB	4 x Ø5	42.2	33	9.6	122	25.4	0.2
	GH-12130	4 x Ø7	31.8	71	16	140	35.5	0.3
	GH-12130-HB	4 x Ø7	57.2	71	16	165	35.5	0.4
	GH-12265	4 x Ø8	44.5	84	20	190	48.3	0.6
Horizontal	GH-225-D	4 x Ø6	34.8	71	12.7	173	38.1	0.3
	GH-225-DHB	4 x Ø6	54.1	71	12.7	168	38.1	0.3



Directly mounted on the table using Flush Mount Ball Lock Bolt.







Mounted with Straight Edge Stop attachment and Ball Lock Bolts.

T50505GH-01

T60505GH

Part No.	Description	Weight (kg)
T50505GH-01	Pre-tapped Alum. Base ONLY.	0.2
T60505GH	Includes: pre-tapped Alum. Base + Straight Edge Stop + Flush Mount Screw.	0.3

T-Handle
UDN6150 | UEN6200

Ratchet Handle
UERN6200

INSERTA CLAMPS

Place the Inserta Clamps into the Ø16 mm holes on the BuildPro® Tabletop, Riser Blocks, Economy Stops or Clamping Squares for fast, easy clamping. Clamp in the vertical or horizontal position at any height.

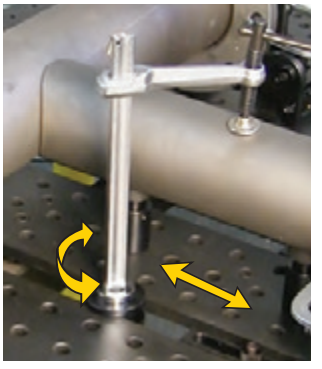
The Ratchet Handle Model is ideal for tight space clamping, and the ratchet mechanism ensures rapid, vibration and torsion resistant clamping.

Clip the optional Top V-Pads (see pg. 26) onto the top spindle to clamp round or angled stock. Remove the clamp arm by depressing the spring stop, and slide the Sidekick attachment (see pg. 26) onto the clamp bar, followed by the clamp arm, for two point horizontal and vertical clamping force.

Part No.	Clamping Capacity (mm)	Throat Depth (mm)	Clamping Pressure (kg)	Rail Size (mm)	Weight (kg)
UDN6150	150	83	135	16 x 8	0.6
UEN6200	200	100	180	20 x 10	1.0
UERN6200	200	100	180	20 x 10	1.0

SLIDING CHANNEL CLAMPS *

The 360° Sliding Channel Clamp slides into the 40 mm spacing between plates which enables the clamp body to slide along the entire surface and swivel 360° for positioning at any point.



Part No.	Clamping Capacity (mm)	Throat Depth (mm)	Clamping Pressure (kg)	Rail Size (mm)	Weight (kg)
T61405	200	120	230	22 x 11	1.6
T61510	300	120	270	25.4 x 11.9	2.2
T61615	500	140	320	32 x 14	3.7

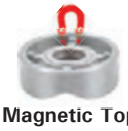
** Not applicable to BuildPro® MAX table.*

CLAMP ACCESSORIES: SIDEKICKS

Slide the Sidekick onto the clamp rail of Inserta Clamps and Sliding Channel Clamps for horizontal clamping force.

Part No.	For Inserta Clamps	For Sliding Channel Clamps	Stroke (mm)	Weight (kg)
XDSM	UDN6150	--	25	0.3
XFSM	--	T61405	35	0.6
XGSM	--	T61510	35	0.6
XMSM	--	T61615	35	0.6

NEW ITEM



Alum. Magnetic Top V-Pad
T64217 | T64219

Top V-Pads

Stainless Steel V-Pads
XDA2S | XFA2S

CLAMP ACCESSORIES: V-PADS

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

V-Pad clips onto the swivel pad of Inserta Clamps and Sliding Channel Clamps.

	Part No.	For Inserta Clamps	For Sliding Channel Clamps	Weight (kg)
ALUM.	T64217	UDN6150	--	0.02
	T64219	UEN6200	T61405 & T61510	0.02
	XDA2	UDN6150	--	0.1
	XFA2	UEN6200	T61405 & T61510	0.2
	XMA2	--	T61615	0.3
S.S.	XDA2S	UDN6150	--	0.1
	XFA2S	UEN6200	T61405 & T61510	0.2

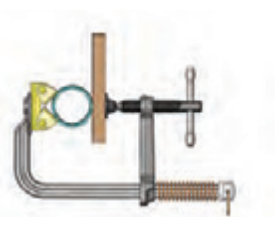
MAGSPRING CLAMPS

* Try the new Magnetic Top V-Pads. See pg.26.

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. 225 kg clamping pressure.

Part No.	Opening (mm)	Throat Depth (mm)	Weight (kg)
UDV45M	75	83	0.4
UDV65M	115	83	0.5

Magnetic V-Pad keeps Clamp in position on steel surfaces.



V-Pad adjusts to hold round, flat, and angled steel surfaces.

ROUND STOCK PLIERS

These Pliers feature a rotating V-Pad on the top jaw, and an adjustable swivel head spindle on the bottom jaw for the secure clamping of round pipes, up to 63.5 mm in diameter, against a flat surface.

Part No.	OAL (mm)	Throat Depth (mm)	Opening (mm)	Weight (kg)
PG637V	216	76	63.5	0.5

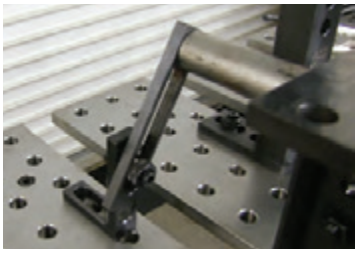
STRAIGHT EDGE STOPS

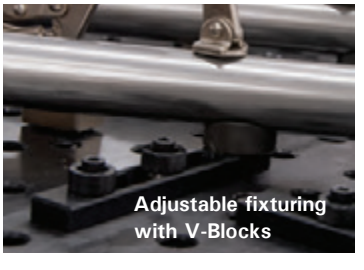
T60505 T60510 T60517

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

Use with V-Blocks (see pg. 35) for the adjustable fixturing of round tubes.

Part No.	Dimension (mm)	Holes	Slot Length (mm)	Weight (kg)
T60505	150 x 30 x 12	1	90	0.2
T60510	200 x 30 x 12	2	2 x 51	0.3
T60517	250 x 30 x 12	4	125	0.4





Adjustable fixturing with V-Blocks

NEW ITEM

D-STOP BARS

T60615

T60630

T60635

* 11.5 mm and 12.7 mm thicknesses for use as spacers.

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", for welded structures 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 (pg. 38), or Socket Head Shoulder Screws (pg. 39). 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. Mount D-Stop Bars using M10 hex head screw and Threaded Adapters, *(sold separately)* Part Nos. TXT6204 or TXT6304. See pg. 37.

Model No. T60630 does not include the washer, spring loaded pin, and 9.5 mm hex head screw. Mount to the tabletop using Ball Lock Bolts or Socket Head Screws.

Use the round end to hold against curved or odd shaped stock.

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

Part No.	Dimension (mm)	Slot Length (mm)	Threaded Holes	Threaded Hole Distance (mm)	Weight (kg)
T60615	98 x 25 x 12.7	63	2 x M4	16.5	0.04
T60630	121.2 x 25 x 11.5	76.2	--	--	0.04
T60635	157 x 32 x 12.7	110	2 x M5	22	0.09

** Two threaded holes for mounting toggle clamps / accessories.*

T60304

T60320

T60305

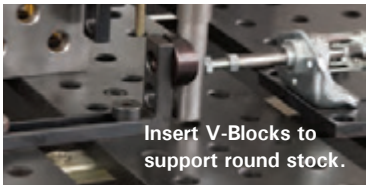
T60330

T60310

RIGHT ANGLE BRACKETS

These precision machined angle squares hold material at 90°. The holes and slots combination allow for infinite adjustments in fixturing. For heavy duty applications, see the Riser Blocks on pg. 29.

Part No.	Dimension (mm)	Plate Thickness (mm)	Holes	Slot Length (mm)	Weight (kg)
T60304	41 x 91 x 30	12	1	51	0.2
T60305	91 x 91 x 30		3	51	0.3
T60310	90 x 150 x 30		3	100	0.4
T60320	193 x 150 x 30		7	100	0.6
T60330	300 x 150 x 50		11	100	1.8



ECONO STOP & CLAMPING SQUARES

Economy Stop and Clamping Squares feature three surfaces for use in a wide variety of fit up applications. Place Inserta Pliers or Inserta Clamps into any of the CNC machined holes for horizontal or vertical clamping at any height. Stack the Clamping Squares to brace tall workpieces. Use the top holes for mounting the Squares in a fixed location. The lower base is slotted for adjustable mounting.

Part No.	Dimension (mm)	Weight (kg)
T60205	50 x 138 x 100	1.1
T60210	50 x 138 x 200	1.6
T60215	50 x 138 x 300	2.0

MALLEABLE IRON CLAMPING SQUARES

Versatile four-sided Clamping Squares. 26 Holes and 2 Slots on each. CNC machined faces.

Part No.	Description	Dimension (mm)	Weight (kg)
T60231	Left Angle	50 x 140 x 300	2.9
T60230	Right Angle	50 x 140 x 300	2.9

HEAVY DUTY RISER BLOCKS

SLOTTED END FOR ADJUSTABLE MOUNTING

These five face precision machined Riser Blocks feature accurate bored holes in a diagonal pattern.

Use Riser Blocks individually, or stacked, to elevate a workpiece or clamp. Cross join the Blocks for use as a beam. Use the Blocks to mount a BuildPro® plate to the side or end of the table, or to join tables together.

Models T60120, T60125, and T60130 feature two slots at one end for adjustable positioning.

Part No.	Machined Surfaces	Dimension (mm)	Weight (kg)
T60115	4 faces	50 x 50 x 250	2.0
T60120	5 faces	100 x 100 x 100	3.4
T60125		100 x 100 x 200	5.7
T60130		100 x 100 x 300	7.8

NEW ITEM

5 Face Blocks

T605005 T610005 T612505

6 Face Blocks

T605006 T610006 T612506

MODULAR RISER BLOCKS

Construct these Modular Riser Blocks as needed for each unique project. The fixturing plates are securely bolted together to form either a 5-face or 6-face block for a multitude of clamping, locating, and positioning applications in fixturing. Each assembly kit listed below includes the Plates, Connecting Blocks [Part No. T60160], and Connecting Bolts [Part No. T65560] required to create a Modular Riser Block.

Part No.	Machined Surfaces	Dimension (mm)	Description	Weight (kg)
T605005	5 faces	200 x 200 x 500	3 pc. x T62005-01 + 2 pc. x T60160 + 18 pc. x T65560	39
T610005		200 x 200 x 1,000	3 pc. x TMQ62010-01 + 3 pc. x T60160 + 27 pc. x T65560	72
T612505		200 x 200 x 1,250	3 pc. x TMQ620125-01 + 4 pc. x T60160 + 36 pc. x T65560	95
T605006*	6 faces	200 x 200 x 500	4 pc. x T62005-01 + 2 pc. x T60160 + 18 pc. x T65560 + 6 pc. x T65025	48
T610006*		200 x 200 x 1,000	4 pc. x TMQ62010-01 + 3 pc. x T60160 + 27 pc. x T65560 + 9 pc. x T65025	90
T612506*		200 x 200 x 1,250	4 pc. x TMQ620125-01 + 4 pc. x T60160 + 36 pc. x T65560 + 12 pc. x T65025	119

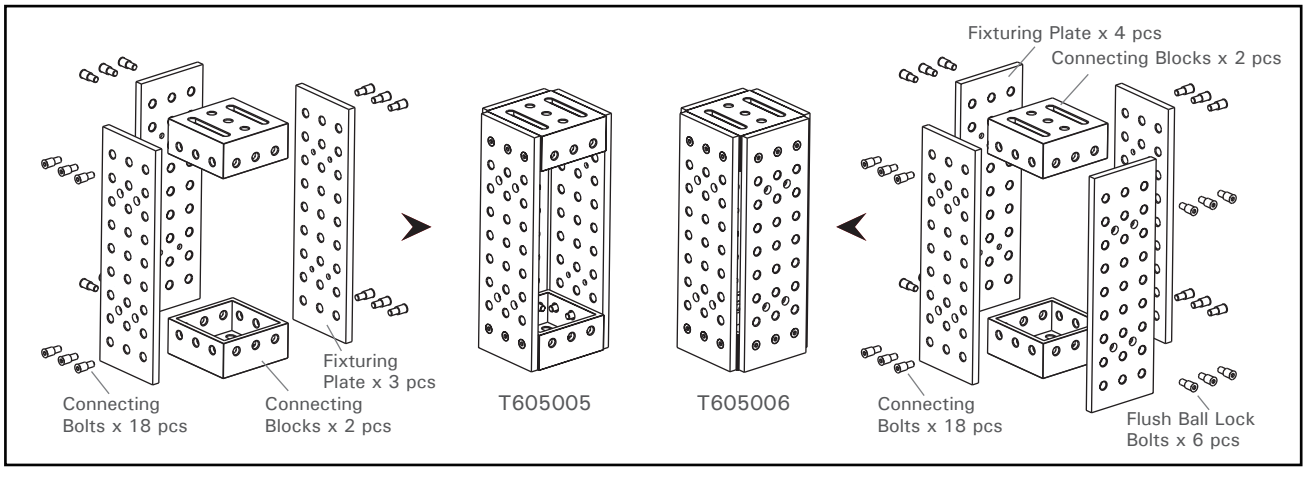
* Please note: The 6 face Modular Riser Block needs to be fixed onto the tabletop before installing the last table plate using Flush Mount Ball Lock Bolts [Part No. T65025] [incl.]

NEW ITEM

CONNECTING BLOCK

These Connecting Blocks are used to form the top, middle supporting shelf, and bottom of the Modular Riser Blocks. A series of slots and accurate bored holes provide flexibility in mounting and adjustable positioning.

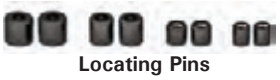
Part No.	Machined Surfaces	Dia. (mm)	Dimension (mm)	Slot Length (mm)	Weight (kg)
T60160	5 faces	16	168 x 168 x 75	2 x 100	5.5



UNIVERSAL FLANGE CLAMPING PLATE

NEW ITEM

Inserta Pliers



Locating Pins

Hold ASME / ANSI / DIN Standard Flanges in position for flange + pipe joining!

Reduce set-up time and increase weld quality for greater repeatability.

Hold, accurately locate, and securely clamp down standard flanges. Guide Blocks in the Flange Clamping Plate expand or contract symmetrically to accurately locate the flange for greater weld quality. The patent pending Flange Clamping Plate provides full welding clearance, and allows easy removal of the finished weldment.

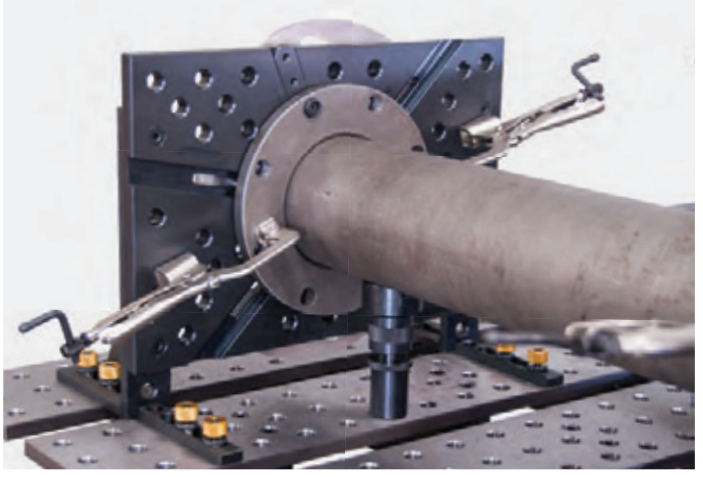
Fits standard flanges with these specifications:

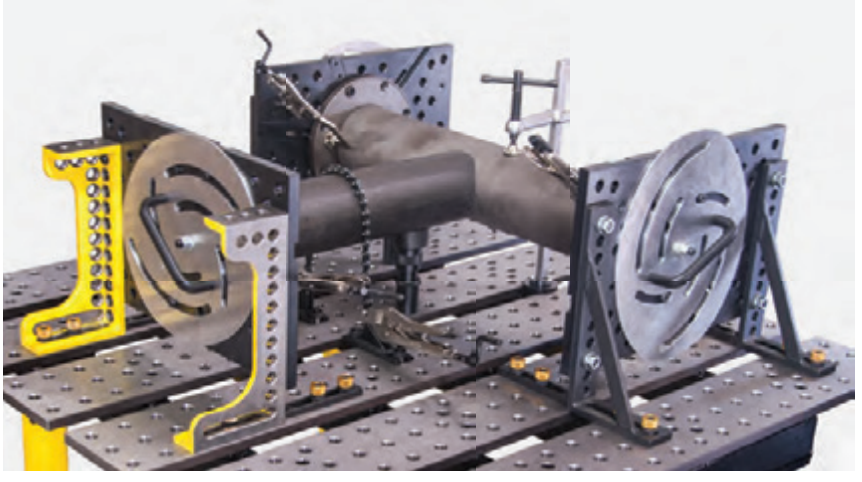
- Hole circle diameter range: 76.2 mm – 465 mm
- Number of bolt holes: 4, 8, 12, 16

Part No.	Kit Includes	Dimension (mm)	Weight (kg)
T60430	Universal Flange & Pipe Clamping Plate w/ 8 Locating Pins: 2 of each size - 25 mm, 22 mm, 19 mm, 15.8 mm; 2 pc. Part No. PT09K Inserta Pliers.	455 x 305 x 16	19.4

The fixture is strong and rigid, to withstand cumulative stresses resulting from welding, and holds the joined flange & pipe during cool down to prevent distortion, expansion, and contraction.

Load the flange & pipe, accurately position, and unload quickly for quality welds, maximum productivity, and repeatability.





Use multiple Universal Flange & Pipe Fixtures to setup pipes for a T-joint.

Find the fixturing video on:
youtu.be/dvw1Xj1KfHc

** All accessories sold separately. See pg. 46 for "Suggested Parts List".*

NEW ITEM

ADJUSTABLE RESTS

Developed by customer demand, the Adjustable Rest is operated manually, by hand adjustment, with a turn of the easy-grip knurled band for complete control in precise, minute height adjustment. (Model T64213: Range: 50 mm – 70 mm. Model T64212: 22 mm height with 8 mm stroke range.)

Insert into any fixturing hole on the BuildPro® Modular Welding Table for use as a support or rest for aligning stock at a uniform height and providing welding clearance. BuildPro® V-Blocks fit into the top cavity of the Adjustable Rests to support round pipes. Adjustable Rests are stackable for use with tall stock.

Three mounting options **(P/N:T64213)**:

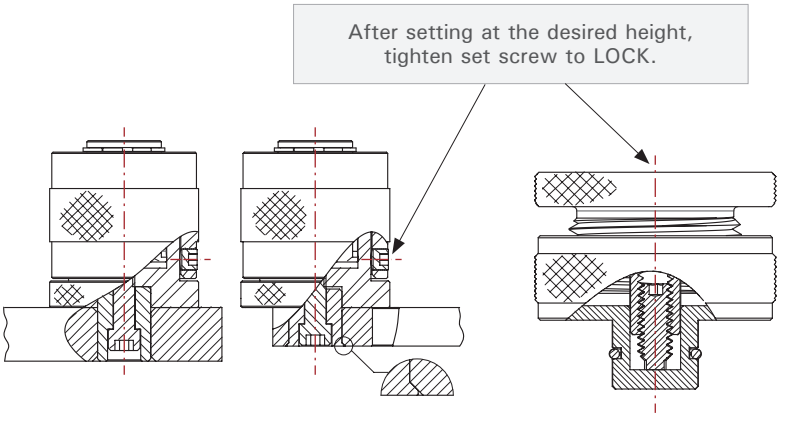
- Insert into any hole on the BuildPro table with the Ø16 mm Locating Post.
- Securely fasten to the tabletop for repetitive applications using the Locking Pin with cap screw (included).
- Remove the Locating Post or the Locking Pin, and place the Rest anywhere on the BuildPro tabletop.

T64213

Two Interchangeable
Locating Posts

T64212

Low Profile
Fixed Ø16 mm Locating Post ONLY



Part No.	Top Dia. (mm)	Locating Post Dia. (mm)	Range (mm)	Weight (kg)
T64213	44.5	16	50 ~ 70	0.5
T64212	44.5	16	22 ~ 30	0.3

Find the product video on:
youtu.be/MGRzXSbWQNY

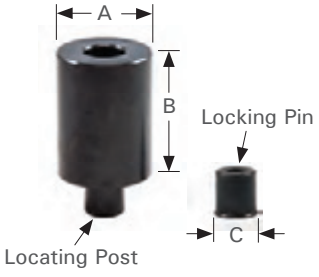
NEW ITEM

FIXED REST

Developed by customer demand, the Fixed Rest features 16 mm bored hole to hold V-Blocks and V-Block Spacers Insert into any fixturing hole on the BuildPro® Table for use as a support or rest for aligning stock.

Three mounting options:

- Insert into any hole on the BuildPro table with the Ø16 mm Locating Post.
- Securely fasten to the tabletop for repetitive applications using the Locking Pin with cap screw (included).
- Remove the Locating Post or the Locking Pin, and place the Rest anywhere on the BuildPro tabletop.



T64214

Part No.	Ø A (mm)	B (mm)	Ø C (mm)	Weight (kg)
T64214	38	50	16	0.3

Find the product video on youtu.be/B8Ey_GrjzNE

T50737

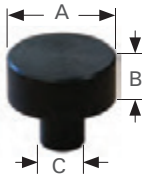
T51740

T61745

MAGNETIC REST BUTTONS

Magnets on the bottom of the Magnetic Rest Buttons allow the button to be used at ANY point on the tabletop to elevate workpieces. Stack Magnetic Rest Buttons to elevate workpieces in 11.5 mm, 16 mm, and 25 mm increments.

Part No.	Dimension Ø x H (mm)	Weight (kg)
T50737	40 x 11.5	0.1
T51740	40 x 16	0.2
T61745	40 x 25	0.3



T64200

REST BUTTON

T64200 serves as a part rest to elevate parts above the table top.

Part No.	Ø A (mm)	B (mm)	Ø C (mm)	Weight (kg)
T64200	40	16	16	0.2

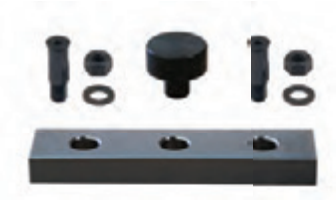
SLOT FILLER KIT *

Use the Channel Block and Rest Button when a flat, continuous support surface is required directly over the 40 mm table slots. Place the 3-hole Channel Block beneath BuildPro® plates, aligning with plate holes, and mount with Flush Mount Socket Head Shoulder Screws (included).

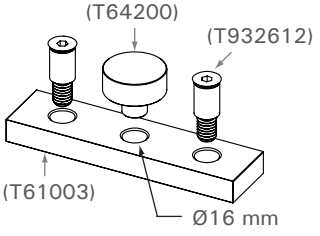
Place the Rest Button in the center hole of the Channel Block to provide a rigid work surface level with the tabletop. The 16 mm shank on the Rest Button slip fits into the Channel Block holes. To elevate a workpiece above the tabletop surface, place multiple Rest Buttons directly into the 16 mm holes on the BuildPro® Plate.

Kit T60930 includes:

- 1 pc. Channel Block (T61003) 160 x 40 x 16 mm
- 1 pc. Rest Button (T64200)
- 2 pc. Flush-mounted Screws (T932612)

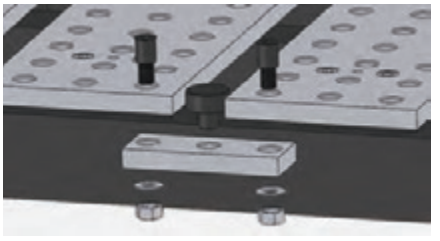


Slot Filler Kit T60930



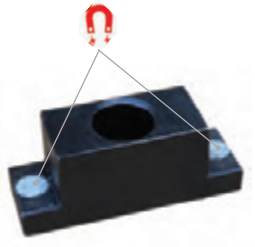
Part No.	Weight (kg)
T60930	1.1

** Not applicable to BuildPro® MAX table.*



Mount the Channel Block and insert the Rest Button to create a continuous work surface over the table slot.

NEW ITEM



T60910
One Ø16 mm hole

T60920
Two Ø16 mm holes

T-SLOT ADAPTERS *

Slide the T-Slot Adapter into any table slot to create a Ø16 mm table hole along the table slots as needed in fixturing.
(Tapped hole is consistent with table hole depth and diameter.)

Locate and mount any fixturing element [Right Angle Brackets, Riser Blocks, Econo Stop & Clamping Squares] directly over table slots.

Part No.	Weight (kg)
T60910	0.2
T60920	0.6

** Not applicable to BuildPro® MAX table.*

V-BLOCKS

T64210

T64215

T64216
Aluminum

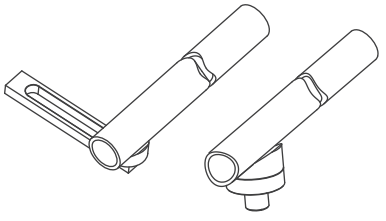
V-Blocks are designed to hold round parts. They fit into the holes of the: BuildPro® Table, Riser Blocks and Right Angle Brackets.

Part No.	Angle	Dimension (mm)	Max. Tube Size (mm)	Weight (kg)
T64210	90°	Ø40 x 31	50	0.15
T64215	120°	Ø40 x 26	65	0.12
T64216	120°	Ø40 x 22.6	65	0.02

V-BLOCK SPACER

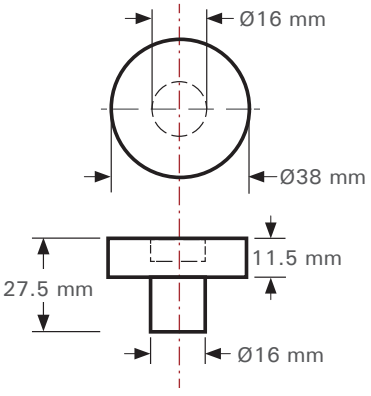
T64211

Use the V-Block Spacer T64211 to elevate V-Blocks 11.5 mm for height uniformity when fixturing with the Straight Edge Stops.



Mount V-Blocks on V-Block Spacers *to equal the height of* V-Blocks mounted on Straight Edge Stops.

Part No.	Weight (kg)
T64211	0.1



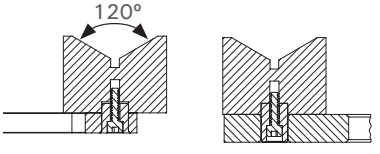
HEAVY DUTY V-BLOCKS

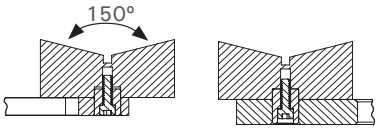
T64310

T64315

Developed by customer demand, these Heavy Duty V-Blocks hold round stock from 76 mm – 203 mm in diameter at 120° - 150°.

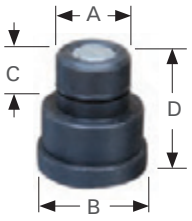
Part No.	Angle	Dimension (mm)	Max. Tube Size (mm)	Weight (kg)
T64310	120°	Ø61 x 43	76	0.6
T64315	150°	Ø81 x 35.5	203	0.7





NEW ITEM

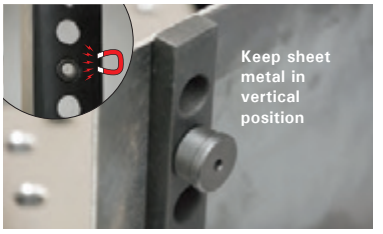
MAGNETIC PLUGS / REST BUTTONS



x 4

Set of four 25 mm 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.

Part No.	Ø A (mm)	Ø B (mm)	C (mm)	D (mm)	Weight (kg)
T65410-K4	16	25	11.4	25	0.1



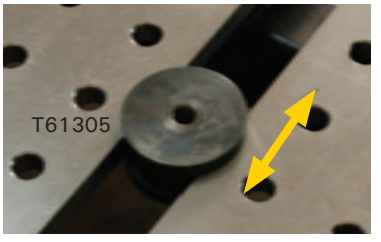
SLIDING CHANNEL BASES *

T61300

T61305

Mount work-holding devices onto these Sliding Channel Bases.

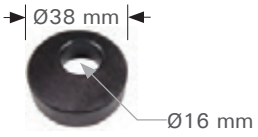
Slide into the 40 mm slots between the plates.



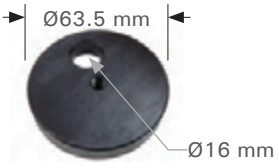
Part No.	Description	Weight (kg)
T61300	Non-rotatable and without holes for user customization.	0.7
T61305	Rotatable with M12 threaded hole on one side, M10 on the other side.	0.6

** Not applicable to BuildPro® MAX table.*

ECCENTRIC PADS



T64410



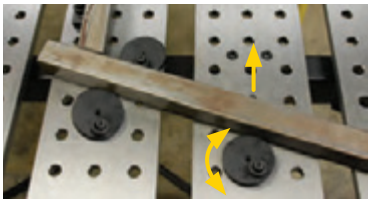
T64415

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 round and odd shape parts where conventional edge stops cannot reach.

* Eccentric Pads are 12.7 mm thick.

[Use Ball Lock Bolts, pg. 38 not included, to mount the Eccentric Pads]



Part No.	Adjust Range (mm)	Offset (mm)	Thread	Weight (kg)
T64410	14 - 24	5	--	0.1
T64415	15 - 50	17.5	M8	0.2

NEW ITEM

STOPS

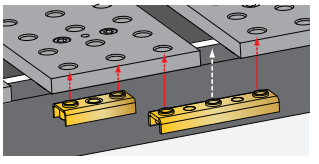
T64203 T64205

T64203 and T64205 are used as a stop wherever parts need to be positively located for clamping.

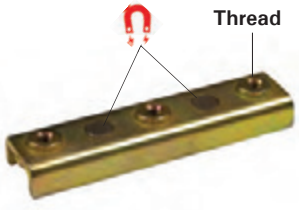
Part No.	Ø A (mm)	B (mm)	Ø C (mm)	Weight (kg)
T64203	25	38	16	0.18
T64205	25	50	16	0.22

THREADED ADAPTERS - UNIQUE

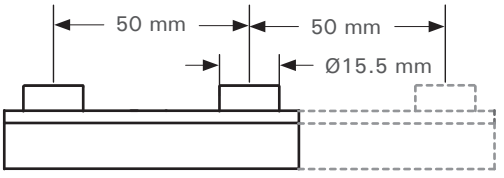
Convert any hole in the table into a threaded hole. Place the Adapter in position beneath the tabletop, in alignment with table holes. Magnets hold threaded adapter in place.



For 2 Threaded Holes with one magnet



For 3 Threaded Holes with two magnets



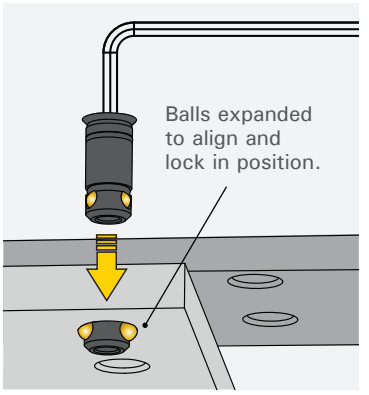
TXT62 Series (TXT63 Series)

Part No.	Number of Holes	Threaded Holes	Magnets	Weight (kg)
TXT6203	2	M8	1	0.13
TXT6204		M10		0.13
TXT6205		M12		0.13
TXT6303	3	M8	2	0.26
TXT6304		M10		0.26
TXT6305		M12		0.26

BALL LOCK BOLTS - *An essential component in Modular Fixturing!*

Ball Lock Bolts are a time-saving, efficient method of locating, and fastening fixture elements to the BuildPro® tabletop.

Insert the Ball Lock Bolt over the fixturing element and turn the knurled head with your hand for initial positioning. The Ball Lock Bolt 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 and tightening them in place. Once all the Bolts are positioned, tighten the socket head cap screw top of the Bolts with a hex wrench. Ball Lock Bolts release quickly from the Bolt top with a turn of your hex wrench.



Fixed Length
T65010
Hex Wrench: 6 mm

Fixed Length
T65015
Hex Wrench: 6 mm

Flush-Mount
T65020 | T65025
Hex Wrench: 4 mm

Adjustable
T65055
Hex Wrench: 6 mm

Flush-Mount
T65560
Hex Wrench: 6 mm

Receiver Bushing
T65804

Part No.	Type	Description	Weight (kg)
T65010	Fixed	For connecting 2 accessories together, 24 mm capacity.	0.1
T65015		For connecting an accessory to the tabletop, 28 mm capacity.	0.1
T65020	Flush	For connecting 2 accessories together, 24 mm capacity.	0.05
T65025		For connecting an accessory to the tabletop, 28 mm capacity.	0.06
T65055	Adjustable	Adjustable range: 22 mm ~ 27 mm, Connecting tables to accessories, and accessories to accessories.	0.07
T65560	Flush	For connecting 2 accessories together, 27 mm capacity.	0.03
TMS5101	--	4 Steel Balls and 6 O-Rings	0.01

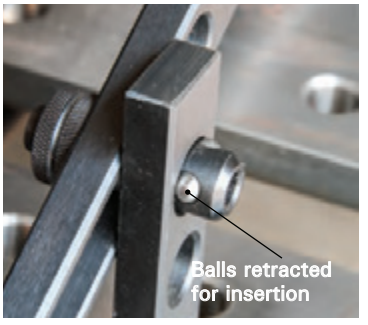
Bulk Packages

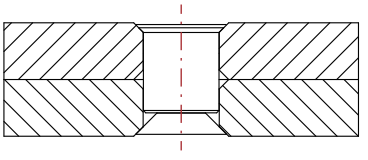
Part No.	Description	Weight (kg)
T65011	**10 pc. of** T65010	1.0
T65016	**10 pc. of** T65015	1.0
T65021	**10 pc. of** T65020	0.5
T65026	**10 pc. of** T65025	0.6
T65056	**10 pc. of** T65055	0.7
T65561	**10 pc. of** T65560	0.3

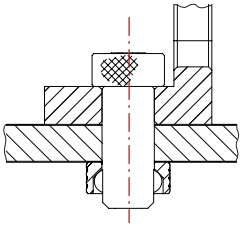
RECEIVER BUSHING

Use the Receiver Bushing with Ball Lock Bolts [Adjustable model and T65015] when mounting two fixturing elements together slot-to-slot.

Part No.	Weight (kg)
T65804	0.01







NEW ITEM

NEW ITEM

LOCATING PIN

T64201

Locating Pins provide an economic alternative to using multiple Ball Lock Bolts. Use Locating Pins in combination with Ball Lock Bolts to fasten fixturing elements, such as Straight Edge Stops, to the BuildPro Tabletop. Locating Pins aid in holding fixturing elements in position.

Part No.	Ø A (mm)	B (mm)	Ø C (mm)	Weight (kg)
T64201	22	11.5	16	0.1

(A minimum of one Ball Lock Bolt must be used along with the Locating Pin to secure accessories to the tabletop. The Locating Pin cannot be used as an independent fastening element.)

SOCKET SHOULDER SCREWS SET

Standard
Hex Wrench: 8 mm

Washer

Nut

Flush-Mount
Hex Wrench: 6 mm

Washer

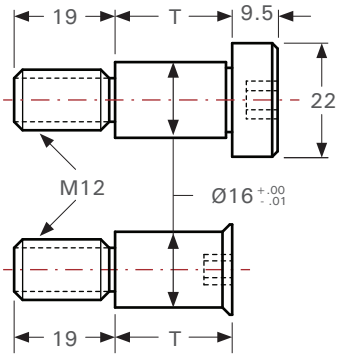
Nut

These precision shoulder screws fit into the table holes and can hold and position BuildPro® accessories and other components.

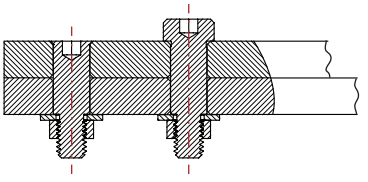
Provided with a nut and washer. Choose from standard and flush-mounted versions.

Part No.	Type	T (mm)	Weight (kg)
T931605	Standard	12	0.05
T931607		20	0.07
T931608		22	0.07
T931610		25	0.08
T931612		32	0.10
T932607	Flush	20	0.04
T932608		22	0.05
T932610		25	0.05
T932612		32	0.08

Standard unit: mm



Flush-Mount



NEW ITEM

CONVERSION BOLTS

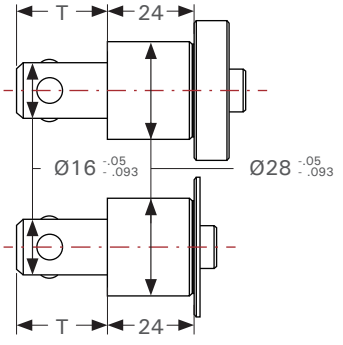
Fixed Length
TMR65010
Hex Wrench: 6 mm

Flush-Mount
TMR65020
Hex Wrench: 6 mm

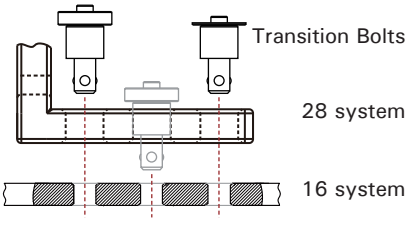
Mount 28 mm accessories to the 16 mm BuildPro® tabletop holes using these conversion bolts. Utilize 28 mm accessories as needed to hold, support, and locate heavy or large workpieces.

Part No.	Type	Description	T (mm)	Weight (kg)
TMR65010	Fixed	For connecting an accessory to the tabletop, 41.5 mm capacity.	27	0.20
TMR65012		For connecting 2 accessories together, 37.5 mm capacity.	23	0.18
TMR65020	Flush	For connecting an accessory to the tabletop, 41.5 mm capacity.	27	0.16
TMR65022		For connecting 2 accessories together, 37.5 mm capacity.	23	0.14

Fixed Length unit: mm



Flush-Mount



NEW ITEM

The NEW BuildPro® Tool Cart will help you inventory and organize your BuildPro Clamps and Components, and keep them within arm's reach for faster fixture setup, and tear down.

Dedicated placement for each clamp and component makes the cart easy to setup and maintain. Smart design features allow for quick, convenient "park and pickup" of the Clamps and Components.

Use the Cart to hold any of the BuildPro Fixturing Kits, Part Nos. TMK610 – TMK650. The Cart is constructed from 50 mm x 25 mm tubing with a rust resistant powder coated black finish.

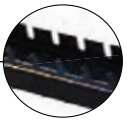
Two fixed casters and two swiveling casters with foot pedal safety lock provide easy maneuverability.

Part No.	Dimension W x D x H (mm)	Capacity (kg)	Weight (kg)
TMC8080	800 x 500 x 1,100	100	36

"FULLY OPEN" DESIGN FOR VISIBILITY AND QUICK ACCESS.

Dedicated placement for each clamp and component.

Safety pegs have rounded ends, and keep Straight Edge Stops ready to grab and use.



Rear Slotted Cross Bar on back holds clamps and pliers.

"Bridge" channel is the ideal width to hold Ball Lock Bolts, an essential component in fixturing.

Magnetic bar steadies Right Angle Brackets.

Two fixed casters and two swiveling casters with foot pedal safety lock provide easy maneuverability.

The bottom shelf holds bulky items such as HD Riser Blocks. The 30 mm lip around the bottom shelf prevents items from falling while moving.

(Fixturing Kit sold separately.)

STRONG HAND

128 - PIECE SQUARE TUBE KIT

Part No. TMK635 | Weight: 64 KG

128 - PIECE KIT

BASIC FRAMING KIT

Qty.	Description
2	Channel Blocks (T61003)
24	Ball Lock Bolts (20 x T65015, 4 x T65025)
2	Eccentric Pads (T64415)
20	Economy Stops (12 x T60210, 8 x T60215)
2	Rest Buttons (T64200)
4	Corner Magnets (MST327)
12	Pliers 280 mm w/ Swivel Pads (PR115S)
4	Threaded Adapters (TXT6205)
10	Inserta Clamps (6 x UDN6150, 4 x UEN6200)
4	Inserta Pliers (PT11K)
12	Right Angle Brackets (10 x T60304, 2 x T60305)
32	Socket Shoulder Screws (24 x T931605, 8 x T931608)

166 - PIECE ROUND TUBE KIT

Part No. TMK637 | Weight: 57.5 KG

166 - PIECE KIT

Qty.	Description
2	Channel Blocks (T61003)
12	Straight Edge Stops (8 x T60505, 4 x T60510)
16	Round Stock Pliers (PG637V)
16	Economy Stops (8 x T60210, T60215)
8	Inserta Clamps (UDN6150)
8	Top V-Pads (XDA2)
24	V-Blocks (T64215)
8	V-Block Spacers (T64211)
20	Ball Lock Bolts, Fixed (T65015)
16	Right Angle Brackets (12 x T60310, 4 x T60320)
36	Socket Shoulder Screws (16 x T931605, 20 x T931608)

10 - PIECE KIT

TABLE JOINING KIT

Qty.	Description
2	Riser Blocks (T60115)
8	Socket Shoulder Screws (T932610)

10 - PIECE KIT

Part No. TMK605 | Weight: 4 KG

Riser Blocks

2 T60115

Socket Shoulder Screws

8 T932610

38 - PIECE KIT

Qty.	Description
12	Ball Lock Bolts (4 x T65010, 8 x T65015)
4	Magnetic Rest Buttons (T50737)
4	Inserta Clamps (UDN6150)
4	Stops (T64205)
2	Right Angle Brackets (T60305)
2	Threaded Adapters (TXT6204, TXT6205)
10	Straight Edge Stops (6 x T60505, 4 x T60510)

38 - PIECE KIT

Part No. TMK610 | Weight: 8 KG

Ball Lock Bolts

4 T65010

8 T65015

Inserta Clamps

4 UDN6150

Right Angle Brackets

2 T60305

Straight Edge Stops

6 T60505

4 T60510

Magnetic Rest Buttons

4 T50737

Stops

4 T64205

Threaded Adapters

1 TXT6204

1 TXT6205

80 - PIECE KIT

Qty.	Description
20	Ball Lock Bolts, Fixed (10 x T65010, T65015)
4	Ball Lock Bolts, Adjustable (T65055)
4	V-Blocks (2 x T64210, T64215)
4	Stops (T64205)
8	Inserta Clamps (4 x UDN6150, 2 x UEN6200, UERN6200)
12	Straight Edge Stops (4 x T60505, T60510, T60517)
4	Threaded Adapters (2 x TXT6204, TXT6205)
4	Top V-Pads (2 x XDA2, XFA2)
4	Eccentric Pads (2 x T64410, T64415)
12	Right Angle Brackets (4 x T60304, T60305, T60310)
4	Magnetic Rest Button (T50737)

80 - PIECE KIT

Part No. TMK620 | Weight: 19 KG

Ball Lock Bolts

10 T65010

10 T65015

4 T65055

Inserta Clamps

4 UDN6150

2 UEN6200

2 UERN6200

Threaded Adapters

2 TXT6204

2 TXT6205

Top V-Pads

2 XDA2

2 XFA2

Eccentric Pads

2 T64410

2 T64415

Right Angle Brackets

4 T60304

4 T60305

4 T60310

Magnetic Rest Buttons

4 T50737

V-Blocks

2 T64210

2 T64215

Stops

4 T64205

Straight Edge Stops

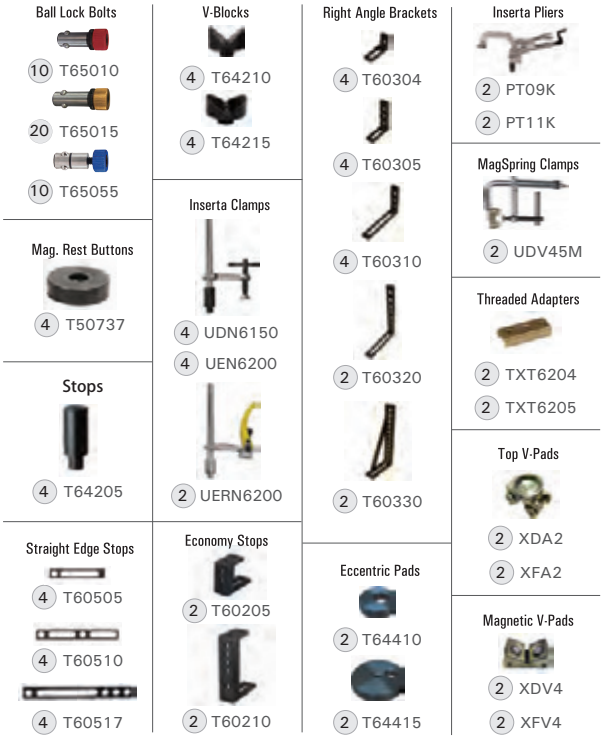
4 T60505

4 T60510

4 T60517

120 - PIECE KIT

Part No. TMK630 | Weight: 35.5 KG



120 - PIECE KIT

MOST POPULAR KIT!

Qty.	Description
30	Ball Lock Bolts, Fixed (10 x T65010, 20 x T65015)
10	Ball Lock Bolts, Adjustable (T65055)
4	Magnetic Rest Buttons (4 x T50737)
4	Stops (4 x T64205)
12	Straight Edge Stops (4 x T60505, T60510, T60517)
8	V-Blocks (4 x T64210, T64215)
10	Inserta Clamps (4 x UDN6150, UEN6200, 2 x UERN6200)
4	Economy Stops (2 x T60205, T60210)
16	Right Angle Brackets (4 x T60304, T60305, T60310, 2 x T60320, T60330)
4	Eccentric Pads (2 x T64410, T64415)
4	Inserta Pliers (2 x PT09K, PT11K)
2	MagSpring Clamps (2 x UDV45M)
4	Threaded Adapters (2 x TXT6204, TXT6205)
4	Top V-Pads (2 x XDA2, XFA2)
4	Magnetic V-Pads (2 x XDV4, XFV4)

146 - PIECE KIT

Part No. TMK640 | Weight: 66 KG

146 - PIECE KIT

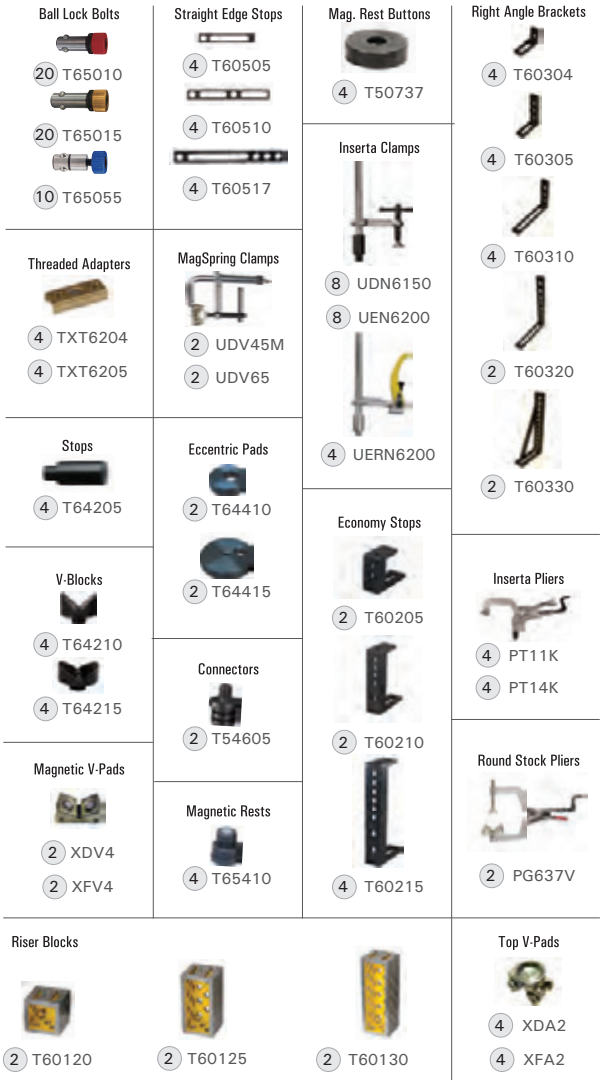
Qty.	Description
30	Ball Lock Bolts, Fixed (10 x T65010, 20 x T65015)
10	Ball Lock Bolts, Adjustable (T65055)
4	Eccentric Pads (2 x T64410, T64415)
4	Magnetic Rest Button (T50737)
2	Connectors (T54605)
4	Riser Blocks (2 x T60120, T60125)
12	Straight Edge Stops (4 x T60505, T60510, T60517)
2	Inserta Pliers (PT14K)
2	MagSpring Clamps (UDV45M)
2	Round Stock Pliers (PG637V)
8	Threaded Adapters (4 x TXT6204, TXT6205)
2	Magnetic Rests (T65410)
8	V-Blocks (4 x T64210, T64215)
8	Top V-Pads (4 x XDA2, XFA2)
4	Magnetic V-Pads (2 x XDV4, XFV4)
18	Inserta Clamps (8 x UDN6150, UEN6200, 2 x UERN6200)
4	Stops (T64205)
16	Right Angle Brackets (4 x T60304, T60305, T60310, 2 x T60320, T60330)
6	Economy Stops (2 x T60205, T60210, T60215)

172 - PIECE KIT

Qty.	Description
40	Ball Lock Bolts, Fixed (20 x T65010, T65015)
10	Ball Lock Bolts, Adjustable (T65055)
8	Threaded Adapters (4 x TXT6204, TXT6205)
4	Stops (T64205)
8	V-Blocks (4 x T64210, T64215)
4	Magnetic V-Pads (2 x XDV4, XFV4)
6	Riser Blocks (2 x T60120, T60125, T60130)
12	Straight Edge Stops (4 x T60505, T60510, T60517)
4	MagSpring Clamps (2 x UDV45M, UDV65M)
4	Eccentric Pads (2 x T64410, T64415)
2	Connectors (T54605)
4	Magnetic Rests (T65410)
4	Magnetic Rest Buttons (T50737)
20	Inserta Clamps (8 x UDN6150, UEN6200, 4 x UERN6200)
8	Economy Stops (2 x T60205, T60210, 4 x T60215)
16	Right Angle Brackets (4 x T60304, T60305, T60310, 2 x T60320, T60330)
8	Inserta Pliers (4 x PT11K, PT14K)
2	Round Stock Pliers (PG637V)
8	Top V-Pads (4 x XDA2, XFA2)

172 - PIECE KIT

Part No. TMK650 | Weight: 93 KG



SUGGESTED PARTS LIST:

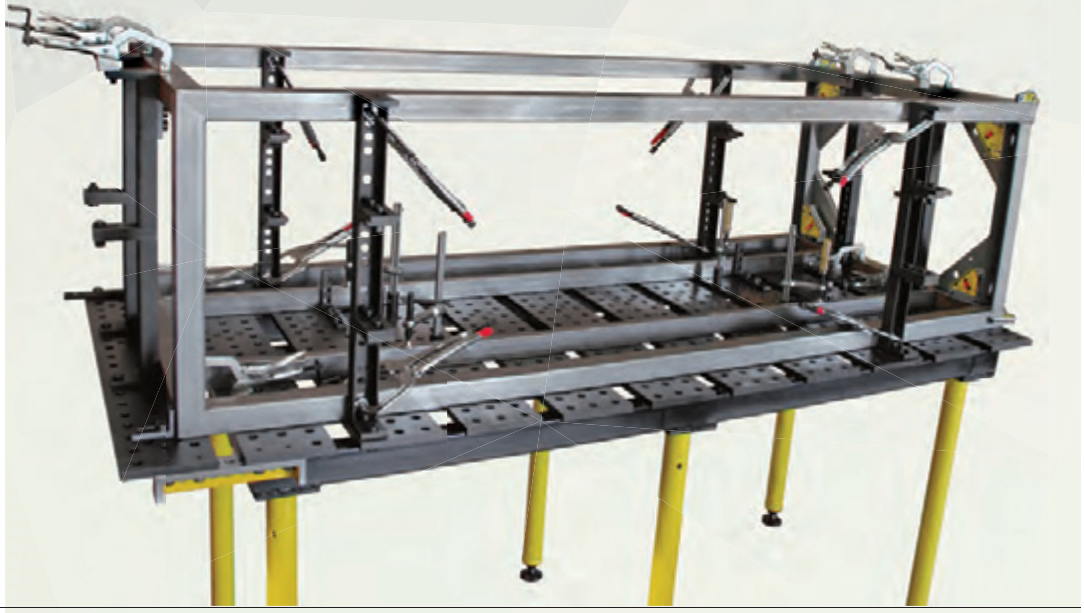
- Inserta Clamps
- Inserta Pliers
- Econo Stop & Clamping Squares
- Right Angle Brackets
- Rest Buttons
- Channel Blocks
- Ball Lock Bolts
- Socket Shoulder Screws
- Threaded Adapters

Strong Hand Tools Products:

- ◇ *Swivel Tip Pliers*
- ◇ *Corner Magnets*
- ◇ *Adjust-O Magnets*

Find the fixturing video on:
youtu.be/aD6DYVINAv4

EQUIPMENT RACK

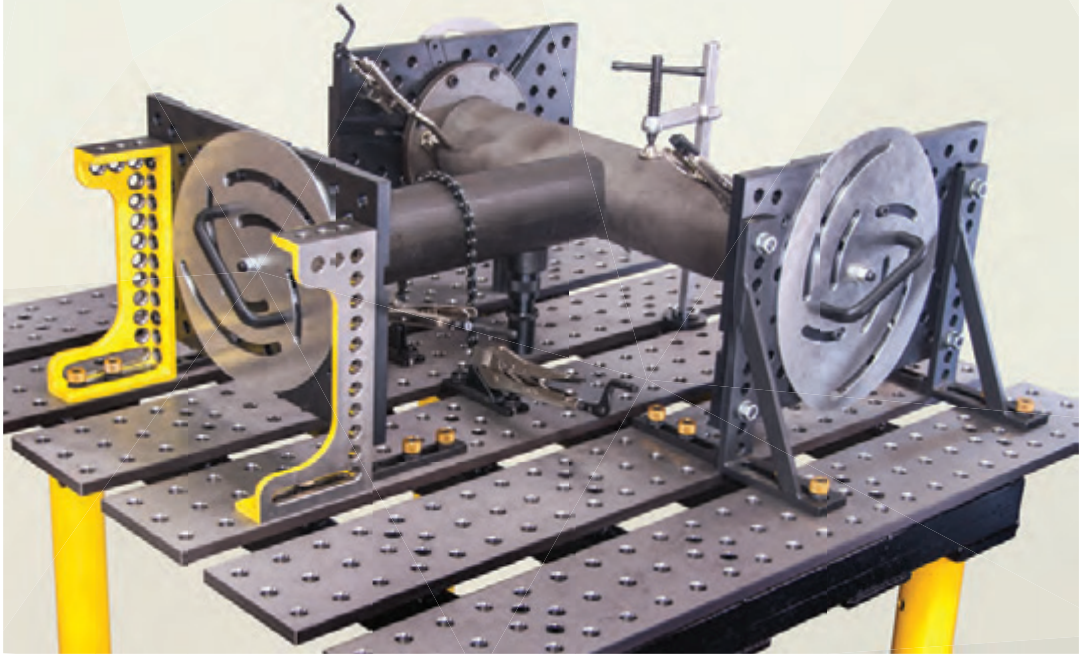


SUGGESTED PARTS LIST:

- Universal Flange & Pipe Clamping Plate with Inserta Pliers
- Sliding Channel Clamp
- Chain Pliers with Table Mounting Bases
- Malleable Cast Iron Clamping Squares
- Right Angle Brackets
- Ball Lock Bolts
- Straight Edge Stops
- Heavy Duty V-Blocks
- Adjustable Rests
- Fixed Rests
- T-Slot Adapter

Find the fixturing video on:
youtu.be/dvw1Xj1KfHc

UNIVERSAL FLANGE AND PIPE FIXTURE HOLDS STANDARD ASME / ANSI / DIN FLANGES



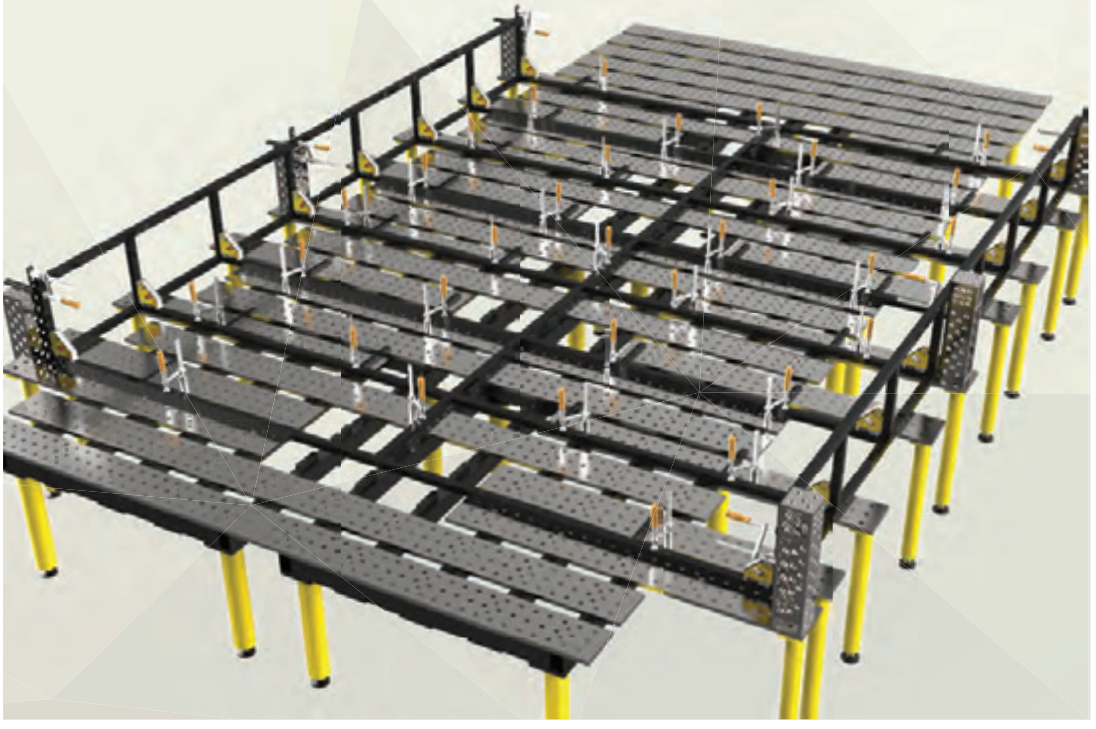
STAIR RAIL

SUGGESTED PARTS LIST:

- Inserta Pliers
- Straight Edge Stops
- V-Blocks
- Ball Lock Bolts

Find the fixturing video on:
youtu.be/Yxr2YIOEO_c

OVERSIZED SQUARE TUBE FRAME ON FOUR JOINED TABLES



SUGGESTED PARTS LIST:

- Inserta Clamps
- Straight Edge Stops
- Riser Blocks

Strong Hand Tools Products:

◇ *Adjust-O Magnets*

CART BASE

SUGGESTED PARTS LIST:

- Round Stock Pliers
- Inserta Pliers
- Toggle Clamps
- Riser Blocks
- Econo Stop & Clamping Squares
- Straight Edge Stops
- Ball Lock Bolts

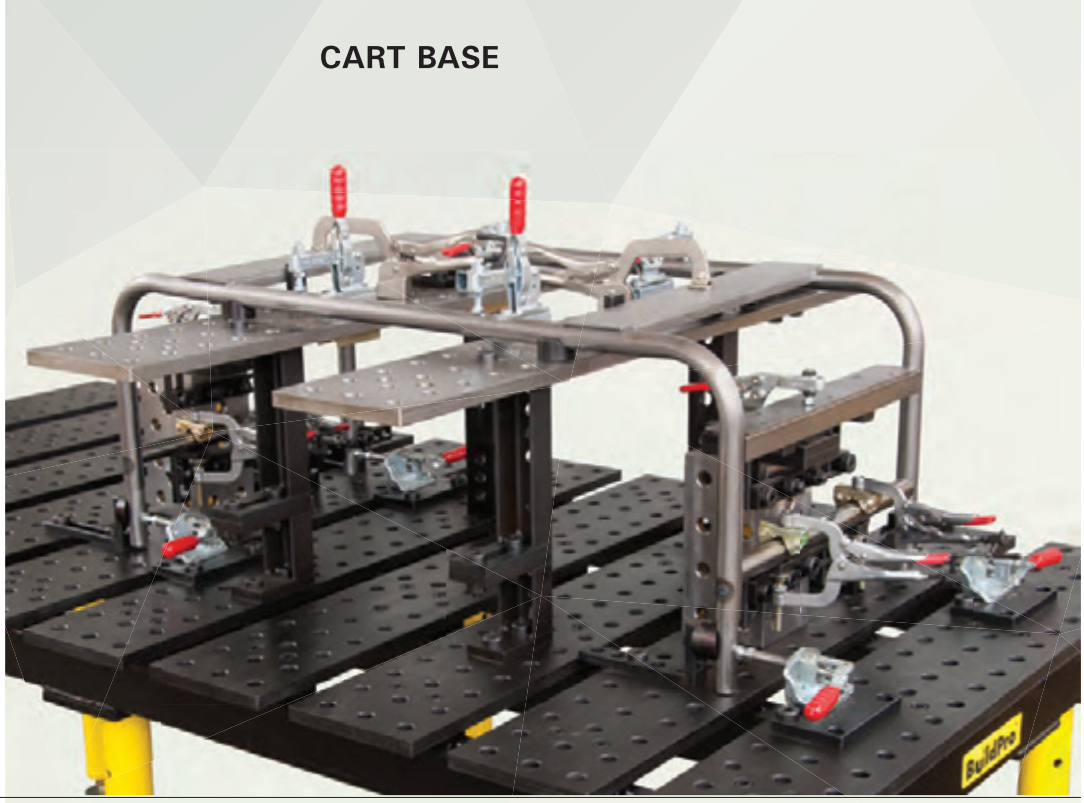
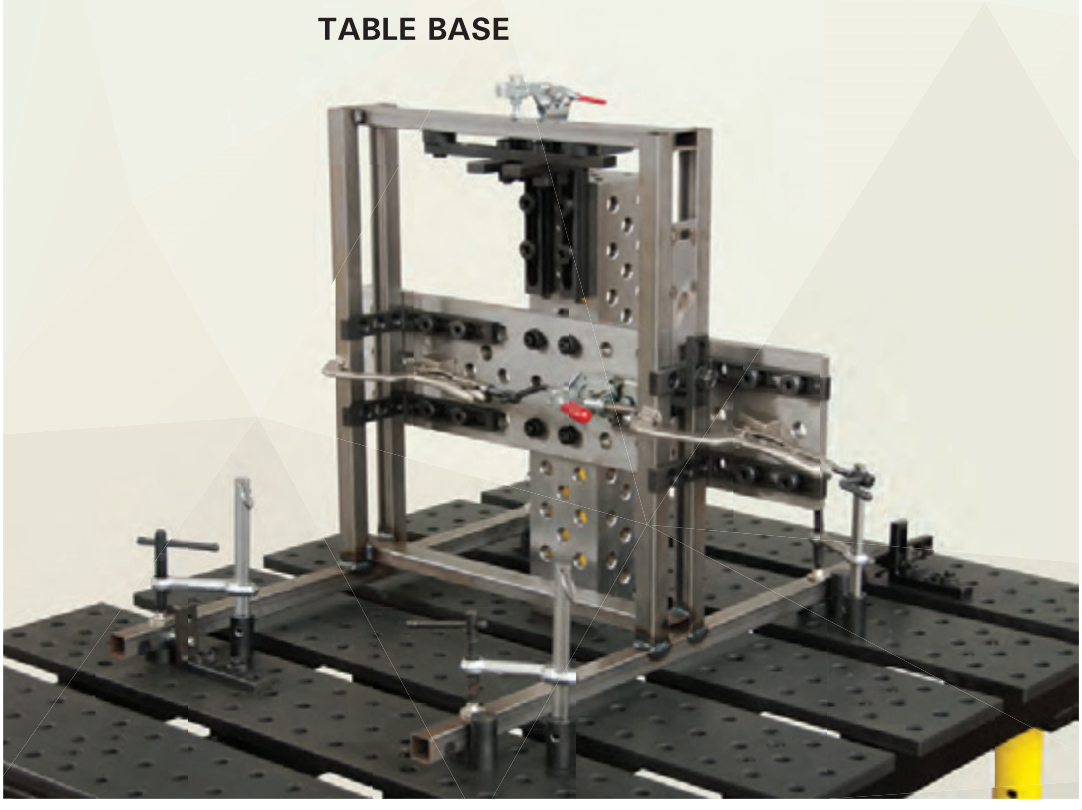


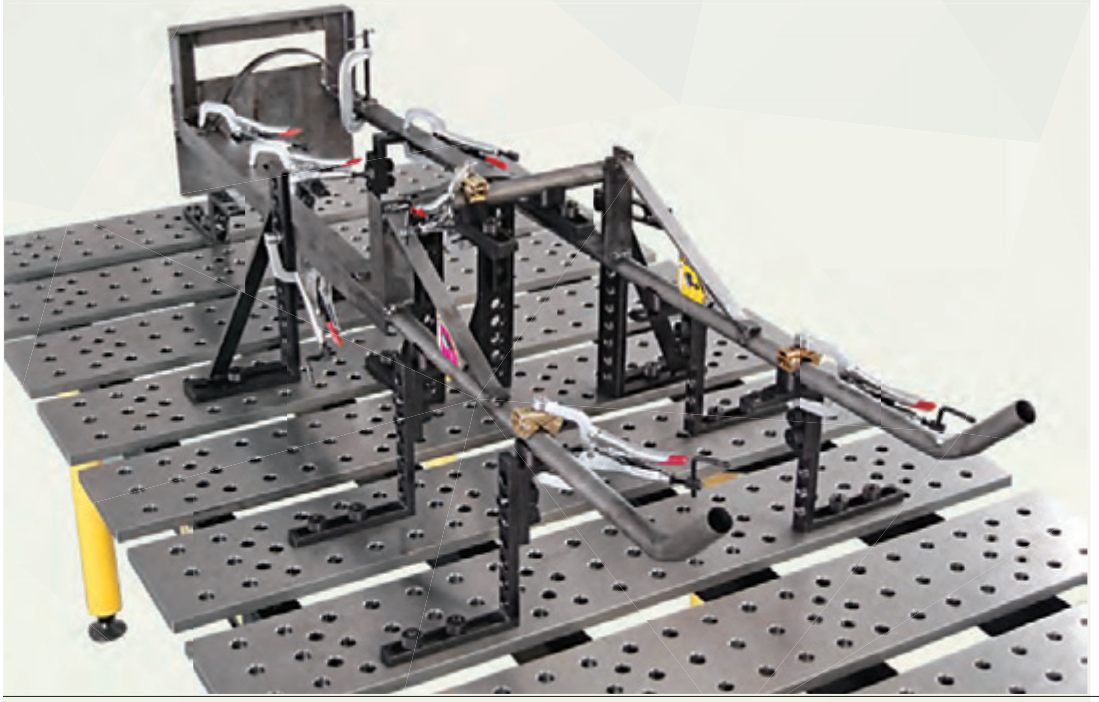
TABLE BASE

SUGGESTED PARTS LIST:

- Inserta Pliers
- Toggle Clamps
- Inserta Clamps
- Riser Blocks
- Right Angle Brackets
- Straight Edge Stops
- Stops
- Ball Lock Bolts
- Rest Buttons



MATERIAL HANDLER



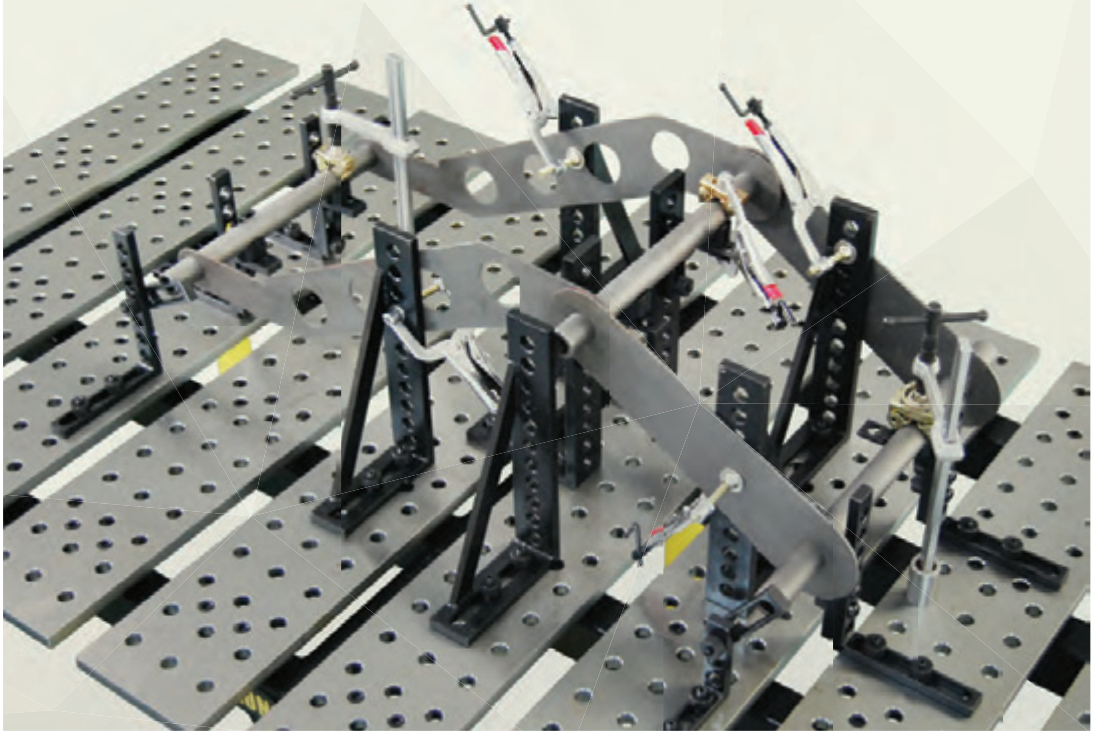
SUGGESTED PARTS LIST:

- Right Angle Brackets
- Ball Lock Bolts
- V-Blocks

Strong Hand Tools Products:

- ◇ *Swivel Tip Pliers*
- ◇ *Pipe Pliers*
- ◇ *Mini Magnets*

AGRICULTURAL EQUIPMENT



SUGGESTED PARTS LIST:

- Inserta Clamps
- Right Angle Brackets
- Ball Lock Bolts
- Top V-Pads
- Straight Edge Stops

Strong Hand Tools Products:

- ◇ *Multi-Purpose Pliers*

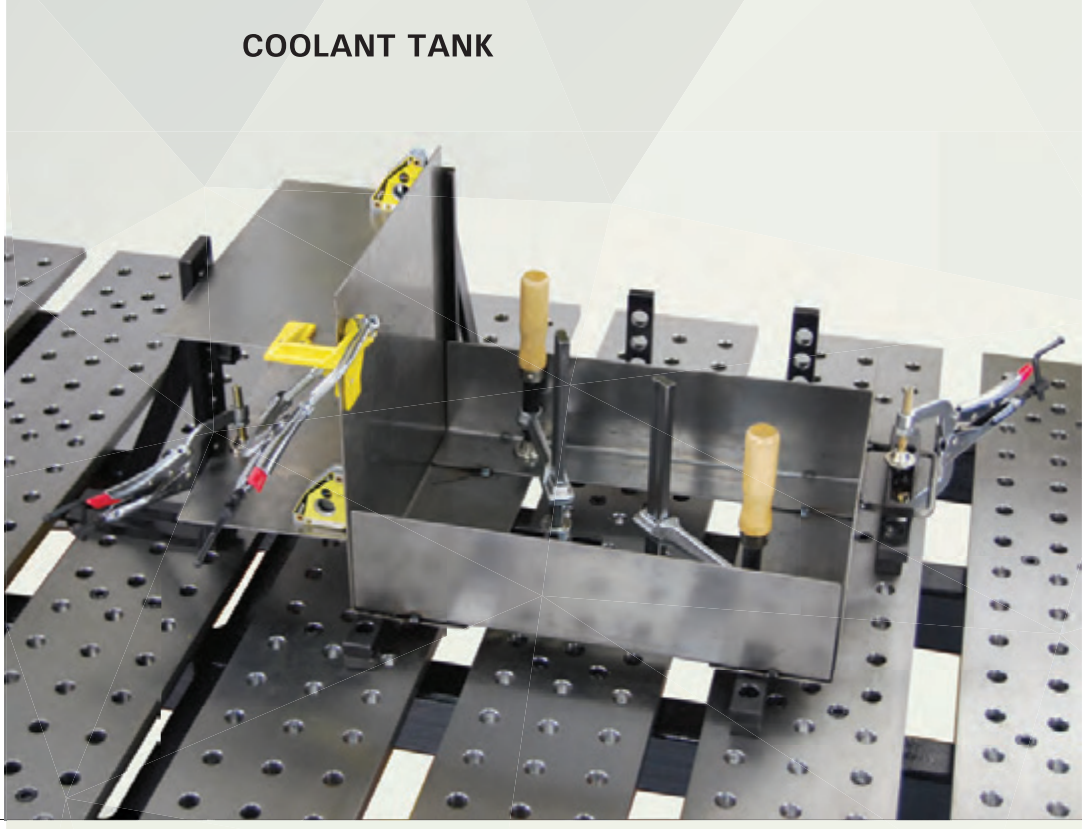
SUGGESTED PARTS LIST:

- Inserta Clamps
- Right Angle Brackets
- Ball Lock Bolts
- Magnetic Plugs
- Straight Edge Stops

Strong Hand Tools Products:

- ◇ *Joint Master*
- ◇ *Multi-Purpose Pliers*
- ◇ *Mini Magnets*

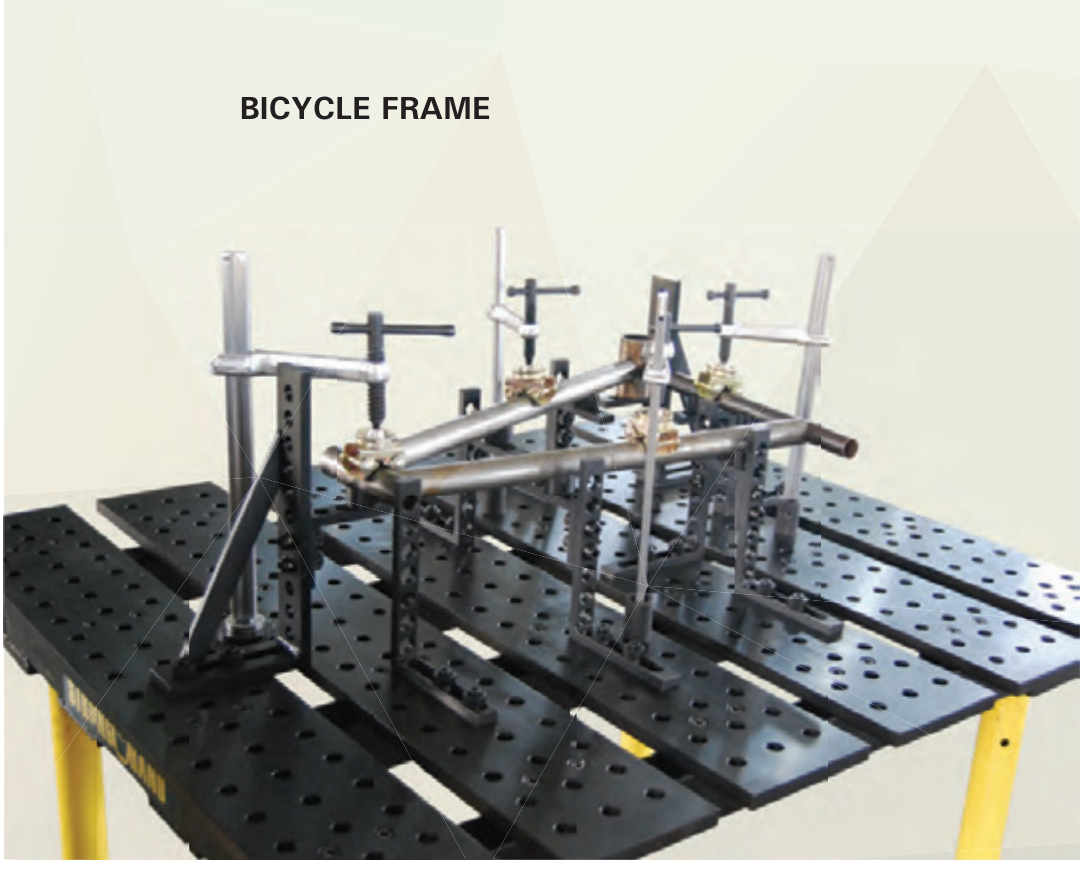
COOLANT TANK



SUGGESTED PARTS LIST:

- Sliding Channel Clamps
- Inserta Clamps
- Right Angle Brackets
- Ball Lock Bolts
- V-Blocks
- Top V-Pads

BICYCLE FRAME



GO-KART FRAME

SUGGESTED PARTS LIST:

- Inserta Pliers
- Inserta Clamps
- Right Angle Brackets
- Ball Lock Bolts
- Econo Stop & Clamping Squares
- V-Blocks
- Top V-Pads
- Straight Edge Stops

Strong Hand Tools Products:

◇ *Multi-Purpose Pliers*

Find the fixturing video on:
youtu.be/ODMtHWpbrSQ

NOMAD™ ECONOMY WELDING TABLE - TS SERIES

Very Affordable. Fully Adjustable. Easily Movable.

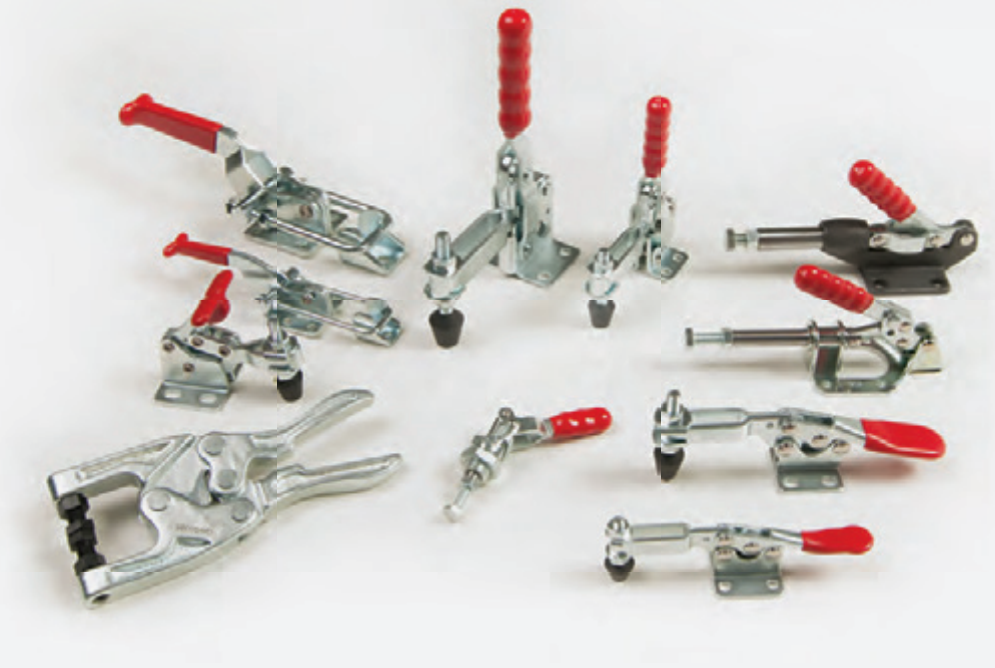
HOT TIPS: *We recommend use of the NOMAD™ Economy Welding Table in combination with use of the BuildPro® Table:*

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

TOGGLE CLAMPS

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



VERTICAL HANDLE
Hold Down Action

PUSH/PULL
Straight Line Action

SIDE MOUNT

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

COMPONENTS

Standard Machine Parts & Tooling Components.
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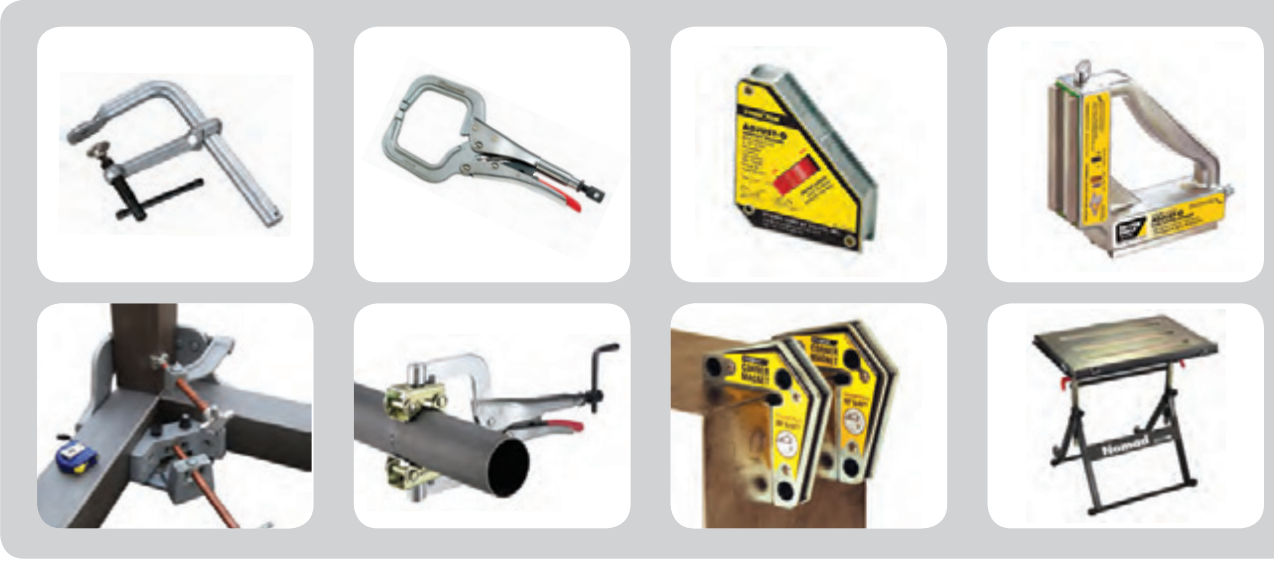

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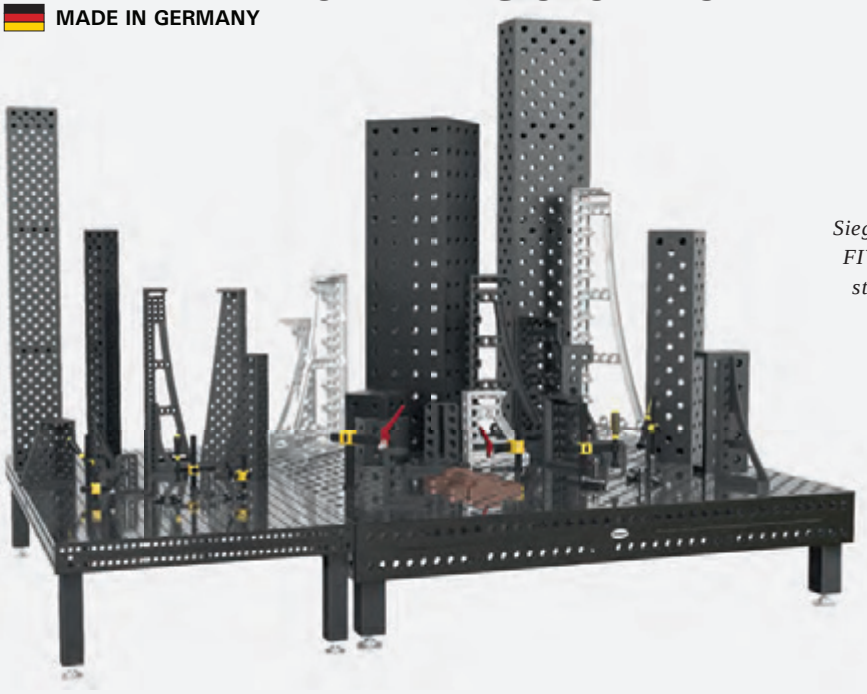

NEW PROFESSIONAL EXTREME 750

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Constructed from through hardened steel, the Professional Extreme 750 Tables receive a Plasma Nitride Treatment, resulting in a double hardened table that will last a lifetime.

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