

# BUILDPRO<sup>®</sup>



## Welding Tables



» Youtube Channel

*Fabricate Cost Effectively with Modular Fixturing*

**2017 METRIC CATALOG**

**StrongHandTools<sup>®</sup>**

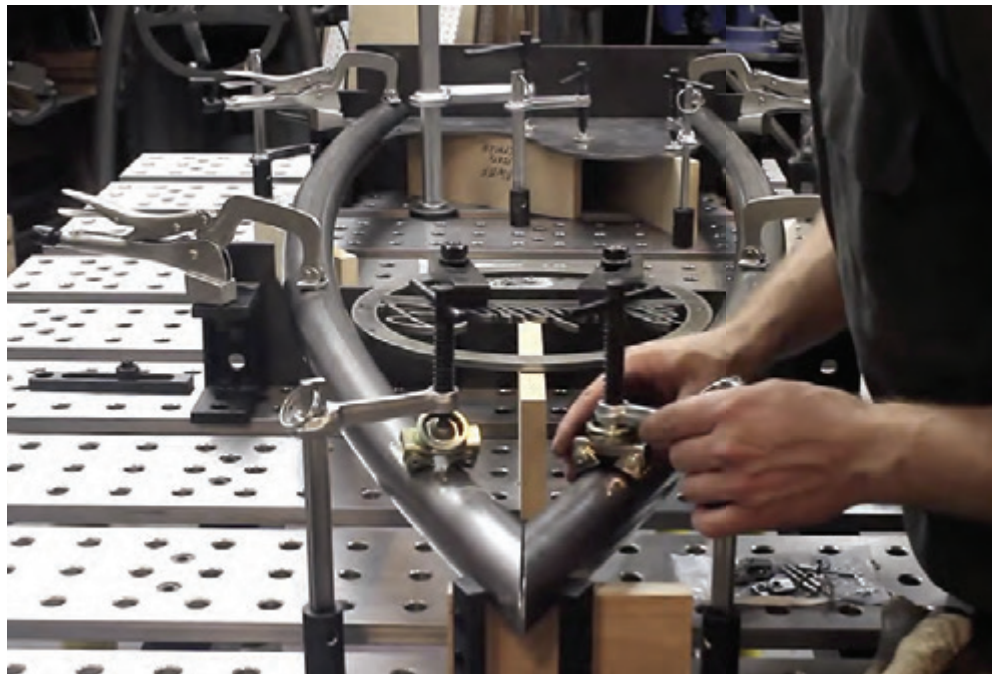


**BUILDPRO®**  
WELDING TABLES

ABOUT US

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](http://www.BuildProTables.com)



Watch Modular Fixturing How-To Videos at:  
[www.YouTube.com/StrongHandTools](http://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](http://www.stronghandtools.com)



HEAVY DUTY GERMAN MADE WELDING TABLES  
[www.siegmundtables.com](http://www.siegmundtables.com)



OPERATING ACCESSORIES & TOOLING COMPONENTS  
[www.valtrainc.com](http://www.valtrainc.com)



TOGGLE CLAMPS & LATCHES  
[www.goodhandinc.com](http://www.goodhandinc.com)

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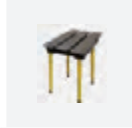
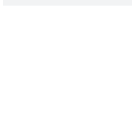
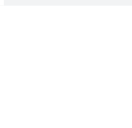
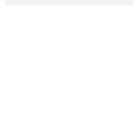
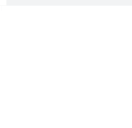
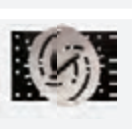
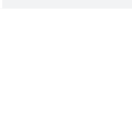
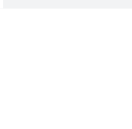
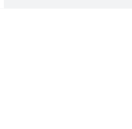
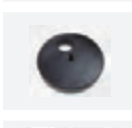
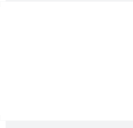
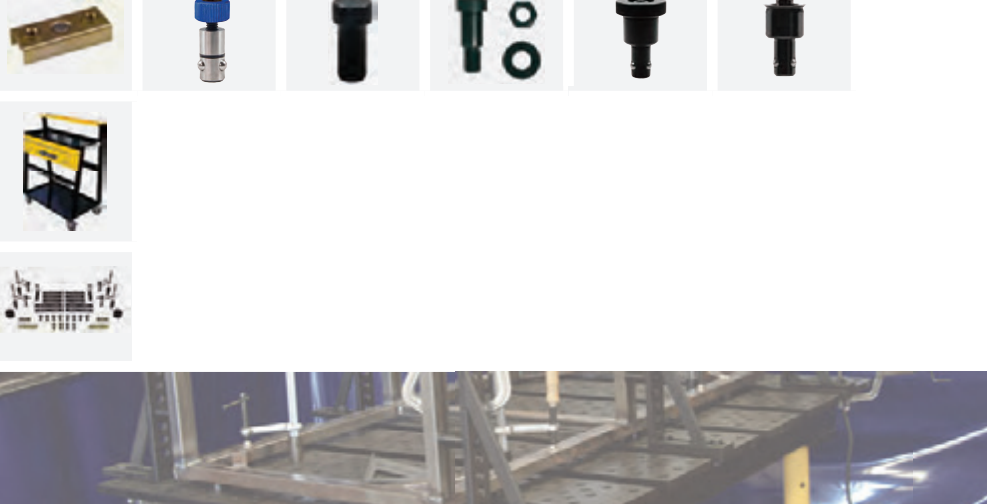
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|                                      |                                                                                      |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
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\* 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 diameter: 16 mm  $\pm .03$
- Hole spacing: 50 mm  $\pm 0.038$
- Plate thickness: 16 mm  $\pm 0.1$

## Standard (plain) finish - Mild Steel

## Nitrided (Heat-Treated) Tabletop

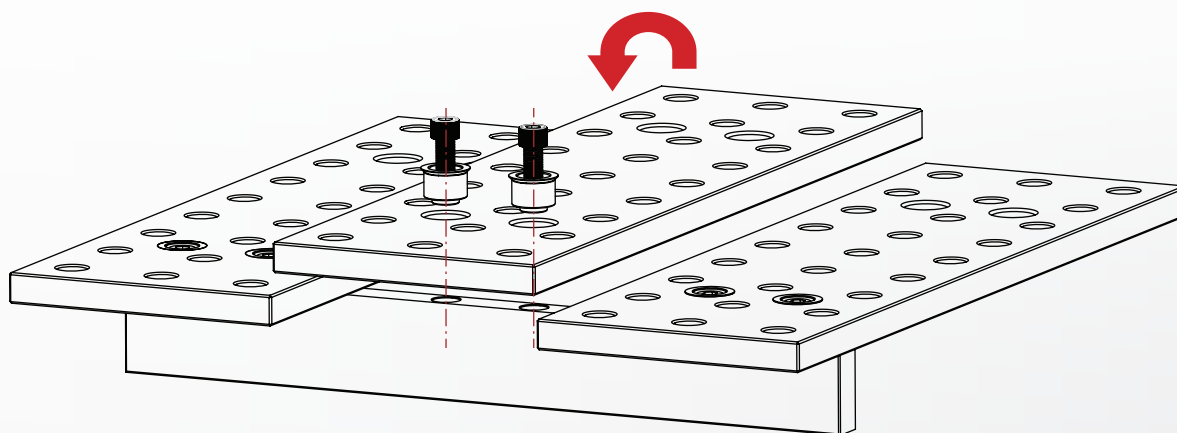
The BuildPro® is available with a protective nitrided tabletop. The nitriding (heat-treating) process is a mechanical polish and post salt bath oxidative treatment. The benefits of this process include weld spatter resistance and corrosion and wear resistance.

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

**2xLIFE****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.

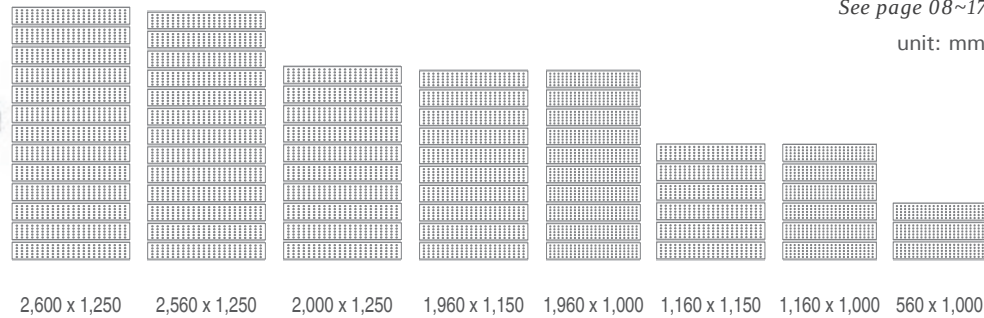


**Your new reversible BuildPro®  
Table plates are self-locating.**

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



## 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

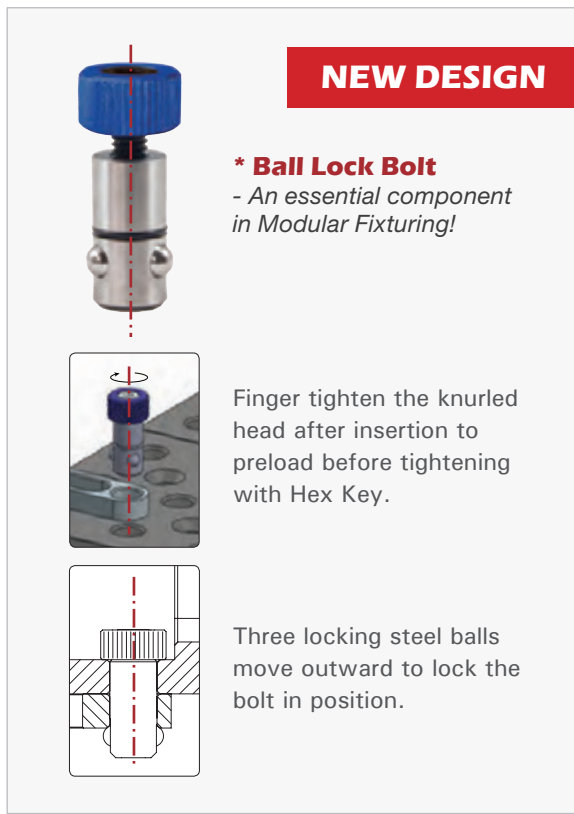


Rotary Positioner

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



**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.

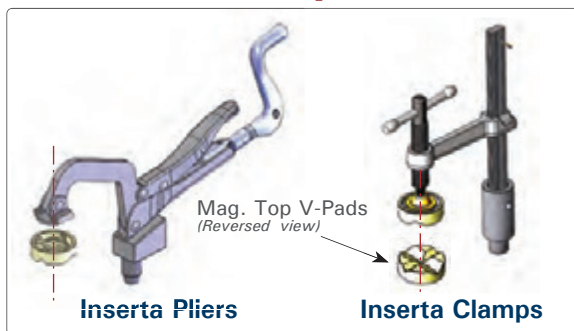
## Basic Hold Down Clamping:

- 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



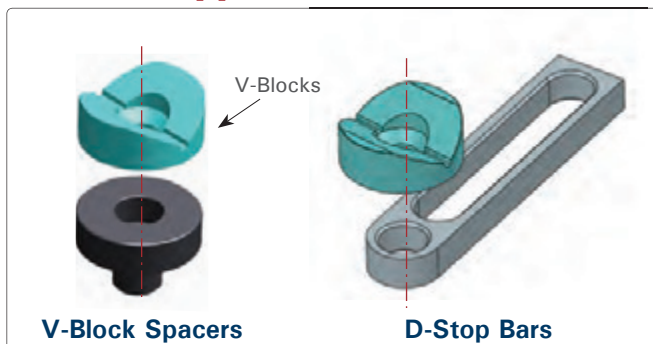
Quick hold-down clamping of flat, square, angled or round parts.

## Locate / Stop



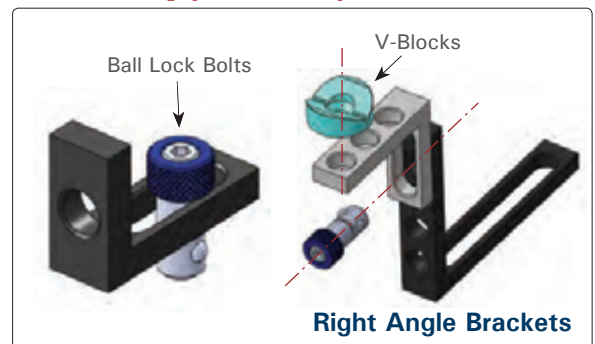
Stop, locate, and position parts.

## 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.

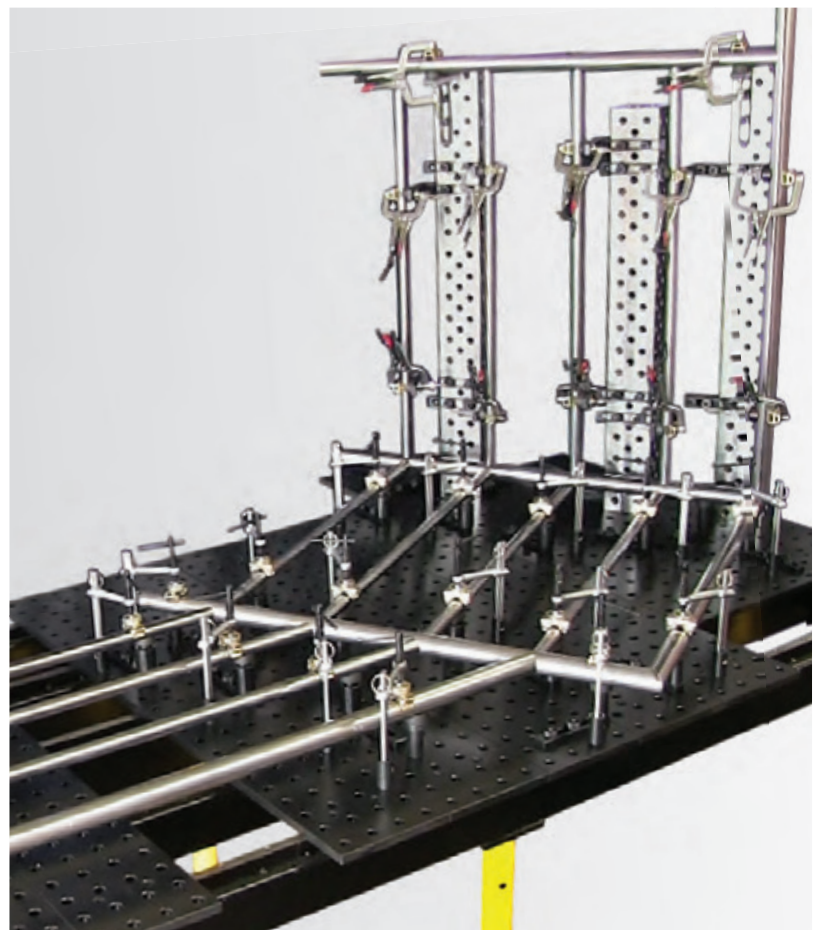
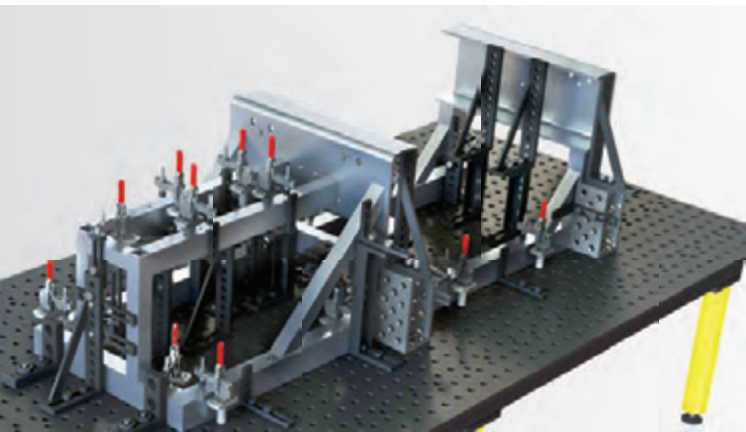
# BUILDPRO® MAX TABLES

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.*

# 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               |
| TMQR625125 | 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               |
| TMOB62010 |          | 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

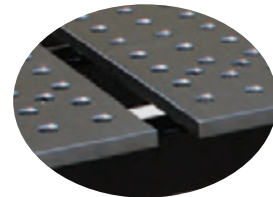
| Part No.  | Finish   | Table Surface Height (mm) | * Table Capacity (kg) | Table Weight (kg) |
|-----------|----------|---------------------------|-----------------------|-------------------|
| TMR61211  | Standard | 680 ~ 970                 | 2,200                 | 220               |
| TMQR61211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

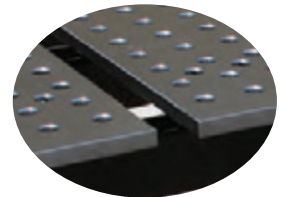
| Part No.  | Finish   | Table Surface Height (mm) | * Table Capacity (kg) | Table Weight (kg) |
|-----------|----------|---------------------------|-----------------------|-------------------|
| TMR61210  | Standard | 680 ~ 970                 | 2,200                 | 195               |
| TMQR61210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

## MAX TABLETOPS



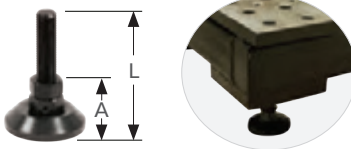
| Part No.   | Finish   | Tabletop Dimension (mm) | Weight (kg) |
|------------|----------|-------------------------|-------------|
| TM61212F   | Standard | 1,200 x 1,200           | 415         |
| TM620125F  |          | 2,000 x 1,250           | 460         |
| TM626125F  |          | 2,600 x 1,250           | 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 <b>MAX</b> Table                             | 11.5        |
| TMLB2030 | Leg Brace assemblies for 2,000 mm x 1,250 mm <b>MAX</b> Table                             | 9.5         |
| TMLB1203 | Leg Brace assemblies for 1,200 mm x 1,200 mm <b>MAX</b> Table                             | 6.8         |
| TMLB25   | Leg Brace assemblies for 2,560 mm x 1,250 mm <b>slotted</b> Table                         | 11.0        |
| TMLB20   | Leg Brace assemblies for 1,960 mm x 1,150 mm and 1,960 mm x 1,000 mm <b>slotted</b> Table | 8.5         |
| TMLB12   | Leg Brace assemblies for 1,160 mm x 1,150 mm and 1,160 mm x 1,000 mm <b>slotted</b> 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.<br>(Legs sold separately.) | 50        | --     | 1.8         |



## ADJUSTABLE LEG

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

| 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         |

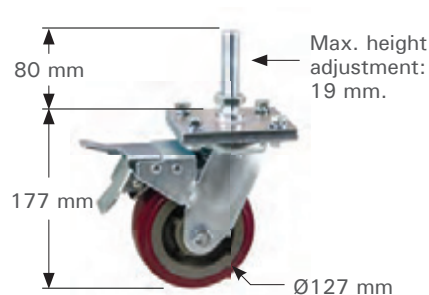
## MOBILITY CASTER

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         |

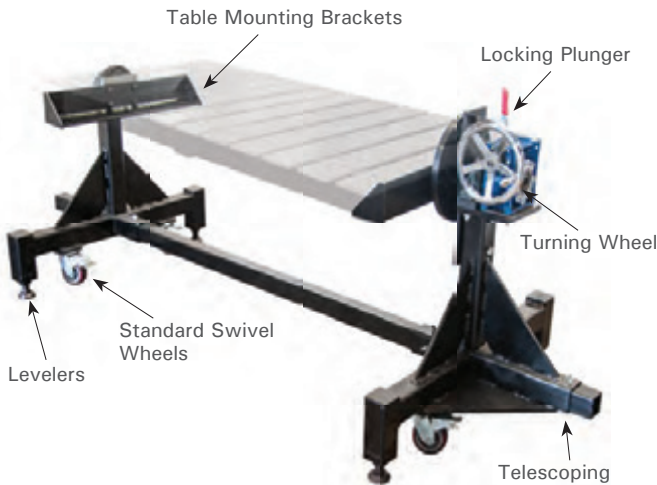
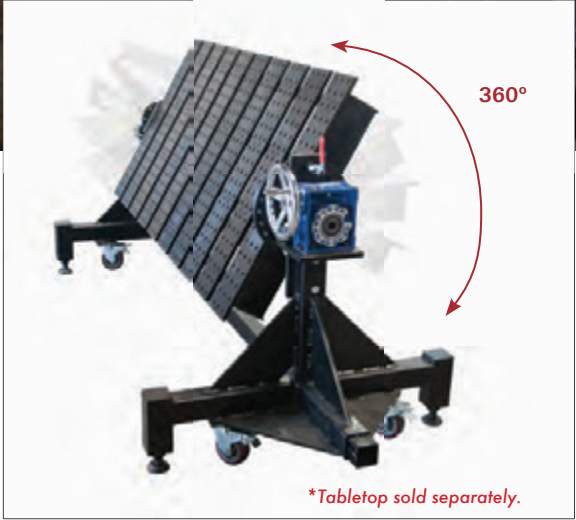
**\*PATENT PENDING\***

# 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.<br>(Positioner + Mounting Brackets) | Weight<br>(kg) | (For Use w/ Tabletop)<br>(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

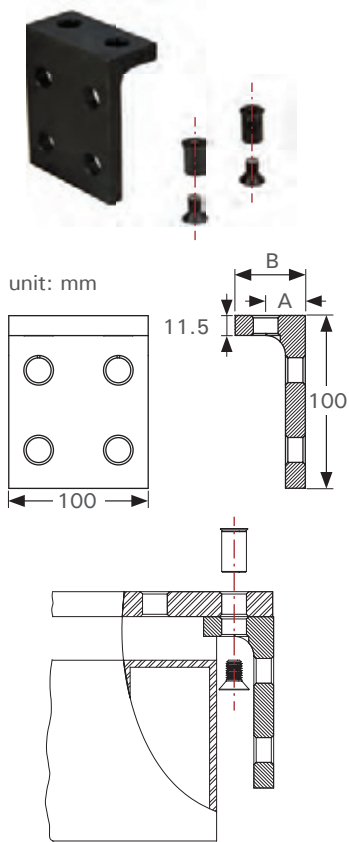
| Part No.<br>(Positioner + Mounting Brackets) | Weight<br>(kg) | (For Use w/ Tabletop)<br>(mm) |
|----------------------------------------------|----------------|-------------------------------|
| TMP625125                                    | 325            | TM(Q)625125 (2,560 x 1,250)   |
| TMP62011                                     |                | 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.

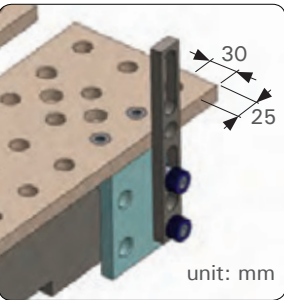
# SIDE BRACKETS FOR TABLES

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.

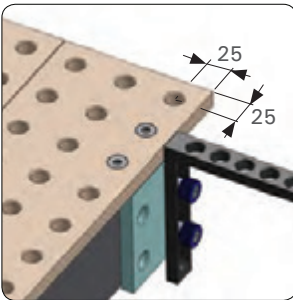
Use the Side Bracket to vertically mount clamping elements, such as the Straight Edge Stops or Right Angle Brackets to add greater functionality to your table in fixturing oversized weldments.



| Part No. | A (mm) | B (mm) | Mounting Location                                | Weight (kg) |
|----------|--------|--------|--------------------------------------------------|-------------|
| T61825   | 25     | 36     | MAX Tables – END or SIDE<br>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         |



## 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         |

## MOUNTING SCREWS 10 PC KIT

Used for mounting BuildPro® plates to the table frame.



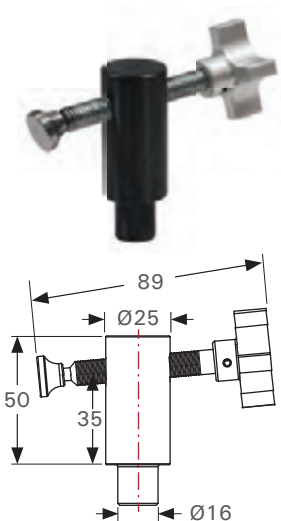
x 10

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

## 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

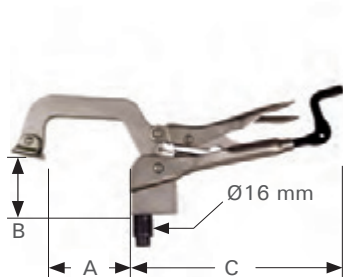
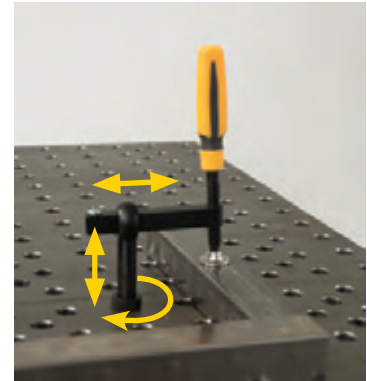




## T-POST CLAMP

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         |



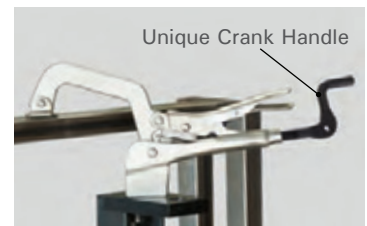
## INSERTA PLIERS

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](http://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         |



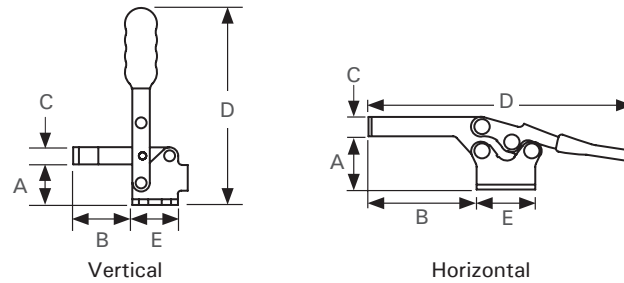


## ADJ. MOUNTING BASE *for GOOD HAND® TOGGLE CLAMPS*

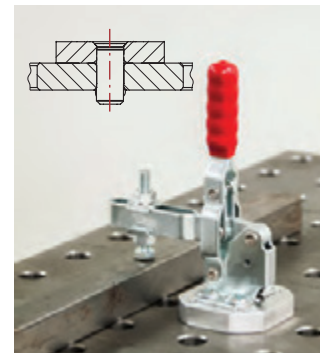
Mount any of the seven *Good Hand®* Toggle Clamps listed below on this low-profile, pre-tapped Adjustable Mounting Base. Mount Toggle Clamps directly on the BuildPro® Tabletop, Riser Blocks or Econo Stop & Clamping Squares, for the height and reach required for each hold down application.

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.



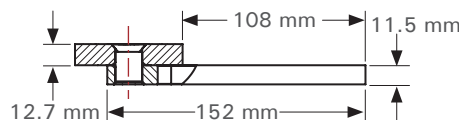
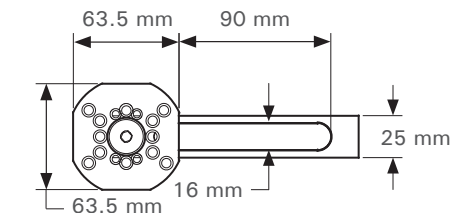
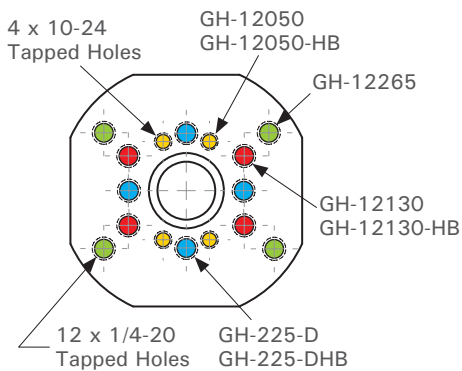
|            | Part No.    | Mounting Hole (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | Weight (kg) |
|------------|-------------|--------------------|--------|--------|--------|--------|--------|-------------|
| Vertical   | GH-12050    | 4 x Ø5             | 22.6   | 33     | 9.6    | 95     | 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.

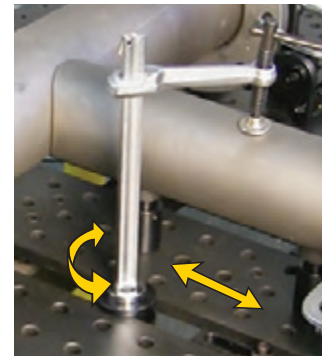


| Part No. | Clamping Capacity (mm) | Throat Depth (mm) | Clamping Pressure (kg) | Rail Size (mm) | Weight (kg) |
|----------|------------------------|-------------------|------------------------|----------------|-------------|
| UDN6150  | 150                    | 83                | 135                    | 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         |

## 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.



**Alum. Magnetic Top V-Pad**  
T64217 | T64219



**Top V-Pads**



**Stainless Steel V-Pads**  
XDA2S | XFA2S

|       | 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

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.

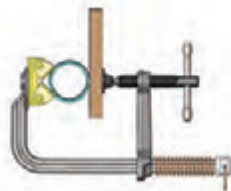


\* Try the new Magnetic Top V-Pads. See pg.26.

| 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

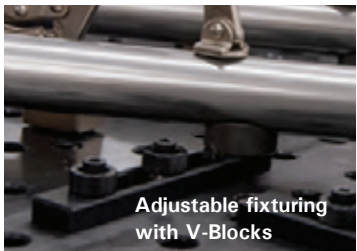
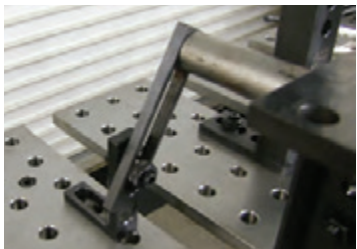
Long slots make these precision machined Straight Edge Stops infinitely adjustable in fixturing applications and squaring up parts.

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



T60505 T60510 T60517

| 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



## 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", 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.*

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



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        |

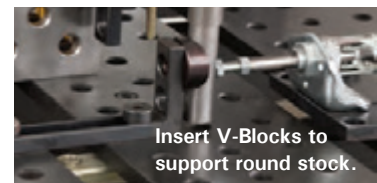
\* Two threaded holes for mounting toggle clamps / accessories.



## 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         |



**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.]

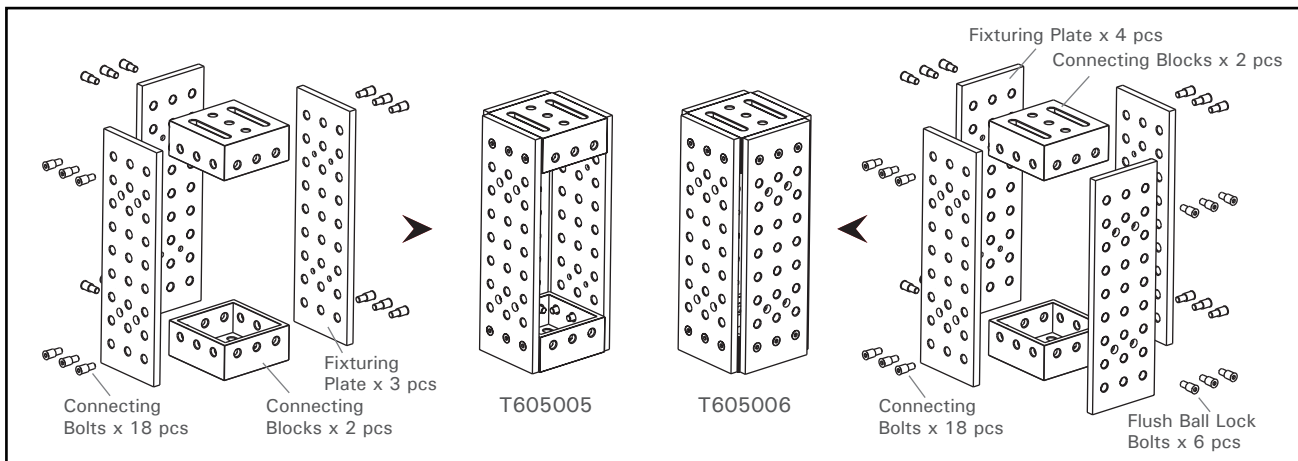
**CONNECTING BLOCK**



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.

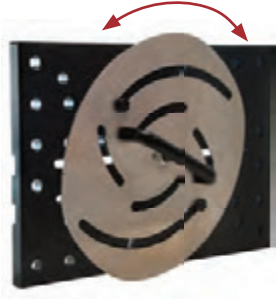


| Part No. | Machined Surfaces | Dia. (mm) | Dimension (mm) | Slot Length (mm) | Weight (kg) |
|----------|-------------------|-----------|----------------|------------------|-------------|
| T60160   | 5 faces           | 16        | 168 x 168 x 75 | 2 x 100          | 5.5         |



# UNIVERSAL FLANGE CLAMPING PLATE

NEW ITEM



Inserta Pliers



Locating Pins

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

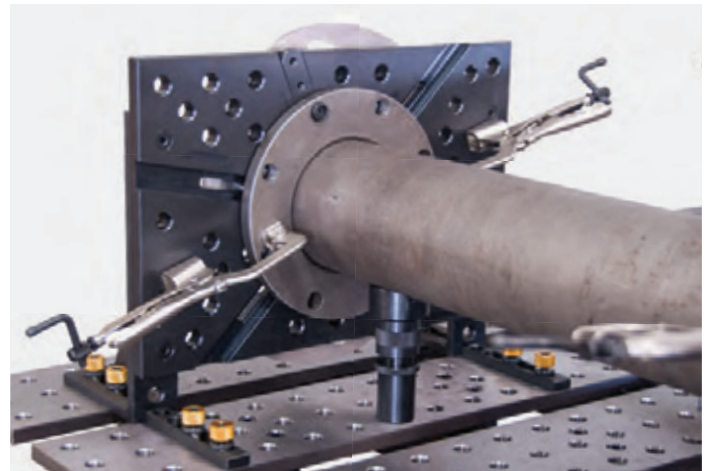
*Reduce set-up time and increase weld quality for greater repeatability.*

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:

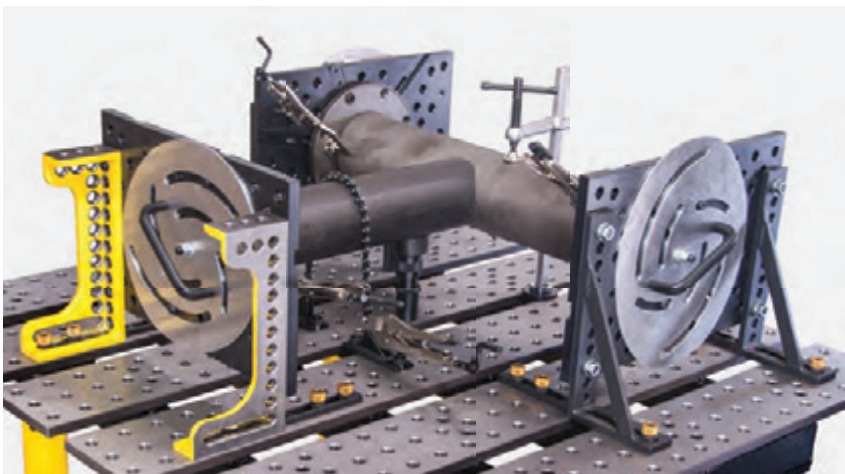
- Hole circle diameter range: 76.2 mm – 465 mm
- Number of bolt holes: 4, 8, 12, 16

| 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](https://youtu.be/dvw1Xj1KfHc)



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

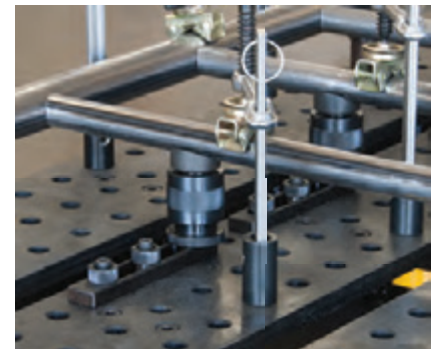
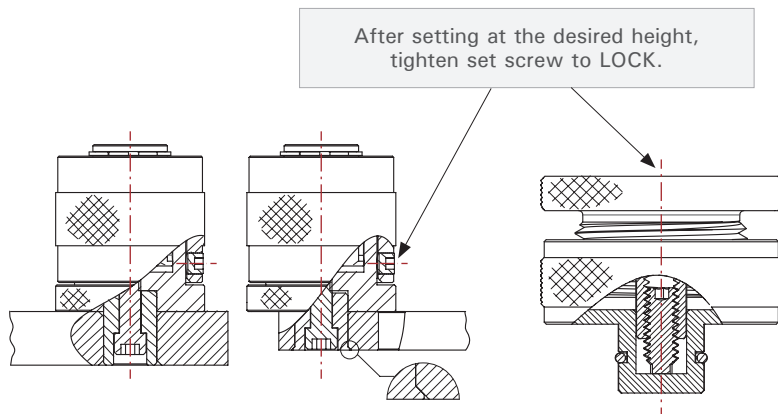
## ADJUSTABLE RESTS

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.



| 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](https://youtu.be/MGRzXSbWQNY)



## 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.



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

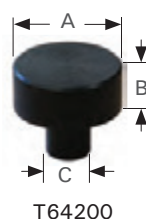
Find the product video on  
[youtu.be/B8Ey\\_GrjzNE](https://youtu.be/B8Ey_GrjzNE)



## 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         |



## 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         |



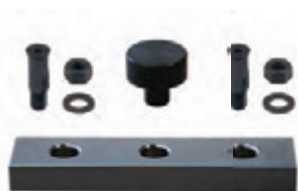
## SLOT FILLER KIT \*

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).

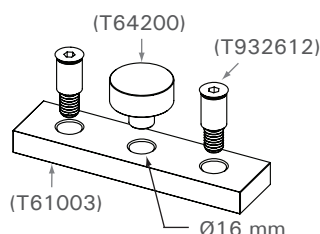
Place the Rest Button in the center hole of the Channel Block to provide a rigid work surface level with the tabletop. The 16 mm shank on the Rest Button slip fits into the Channel Block holes. To elevate a workpiece above the tabletop surface, place multiple Rest Buttons directly into the 16 mm holes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

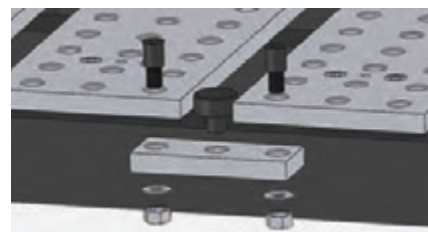


Slot Filler Kit T60930



| Part No. | Weight (kg) |
|----------|-------------|
| T60930   | 1.1         |

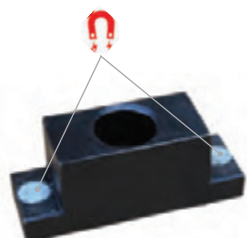
\* Not applicable to BuildPro® MAX table.



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.



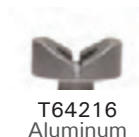
## V-BLOCKS

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

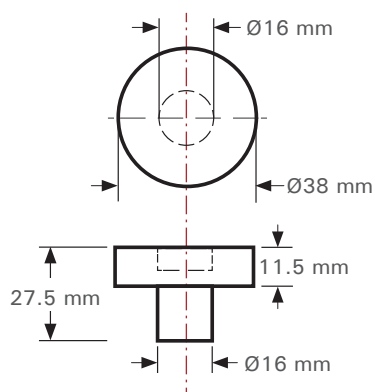


T64210

T64215


T64216  
Aluminum

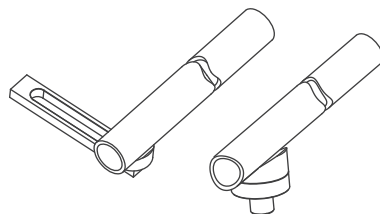

T64211



| 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

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

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

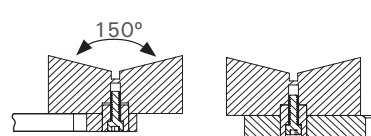
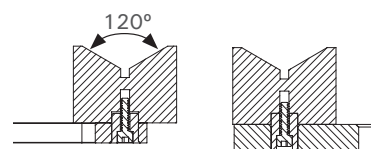


T64310

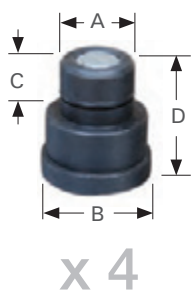


T64315

| 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         |



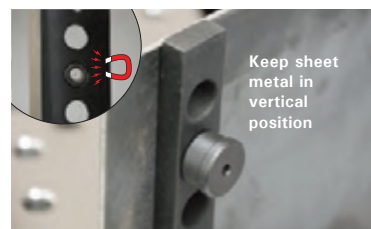
NEW ITEM



## MAGNETIC PLUGS / REST BUTTONS

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         |



T61300



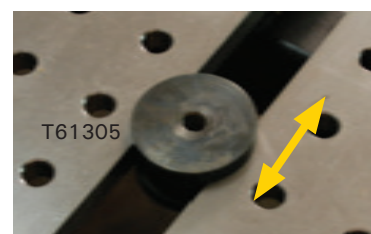
T61305

## SLIDING CHANNEL BASES \*

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.



T64410



T64415

## ECCENTRIC PADS

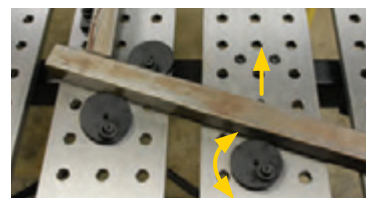
Using the "CAM" design principle, the eccentric pad provides a quick way to position the edge of the workpiece to a locating stop. The 360° rotation allows infinite adjustments.

Ideal for locating 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         |





## STOPS

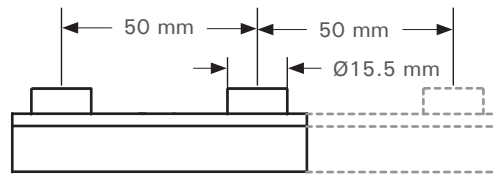
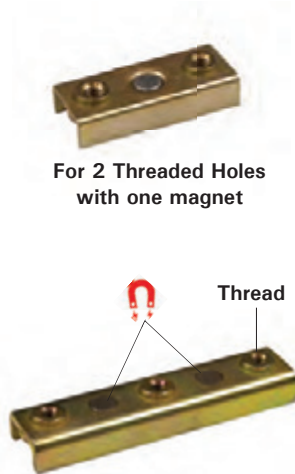
T64203 and T64205 are used as a stop wherever parts need to be positively located for clamping.

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



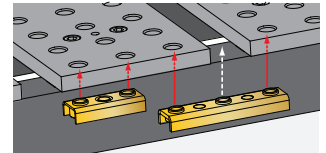
## THREADED ADAPTERS - UNIQUE

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.



TXT62 Series

(TXT63 Series)

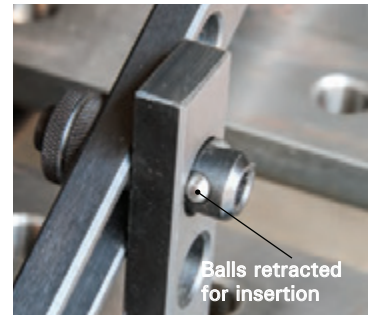
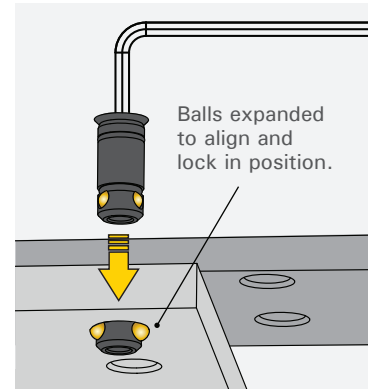


| Part No. | Number of Holes | Threaded Holes | Magnets | Weight (kg) |
|----------|-----------------|----------------|---------|-------------|
| TXT6203  | 2               | M8             | 1       | 0.13        |
| TXT6204  |                 | M10            |         | 0.13        |
| TXT6205  |                 | 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        |

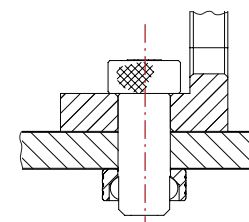
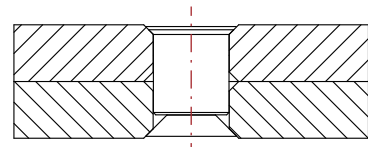
### Bulk Packages

| 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        |



## 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.)

NEW ITEM

## SOCKET SHOULDER SCREWS SET



**Standard**  
Hex Wrench: 8 mm

Washer

Nut



**Flush-Mount**  
Hex Wrench: 6 mm

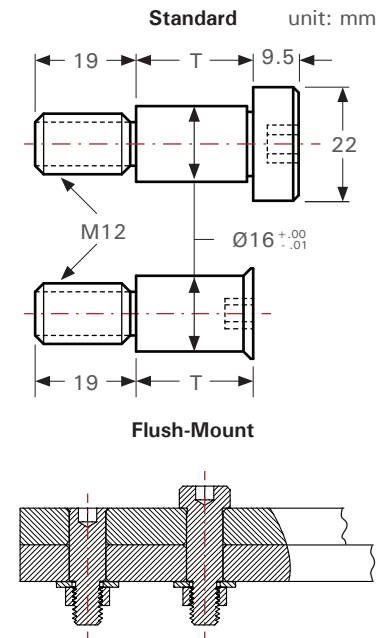
Washer

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        |



## CONVERSION BOLTS

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.

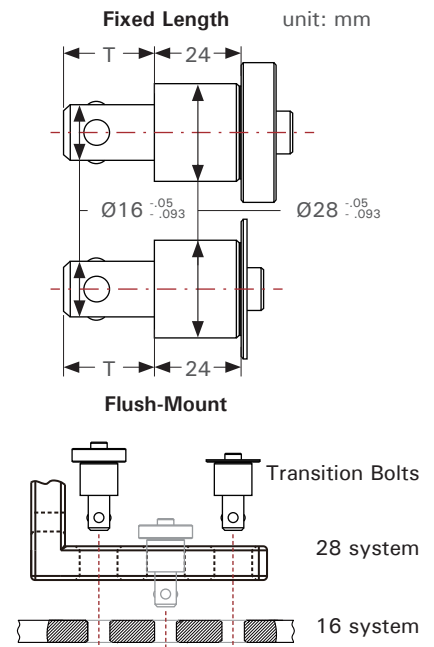


**Fixed Length**  
TMR65010  
Hex Wrench: 6 mm



**Flush-Mount**  
TMR65020  
Hex Wrench: 6 mm

| 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        |



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<br>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.

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

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

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



Dedicated placement for each clamp and component.

Rear Slotted Cross Bar on back holds clamps and pliers.

Magnetic bar steadies Right Angle Brackets.

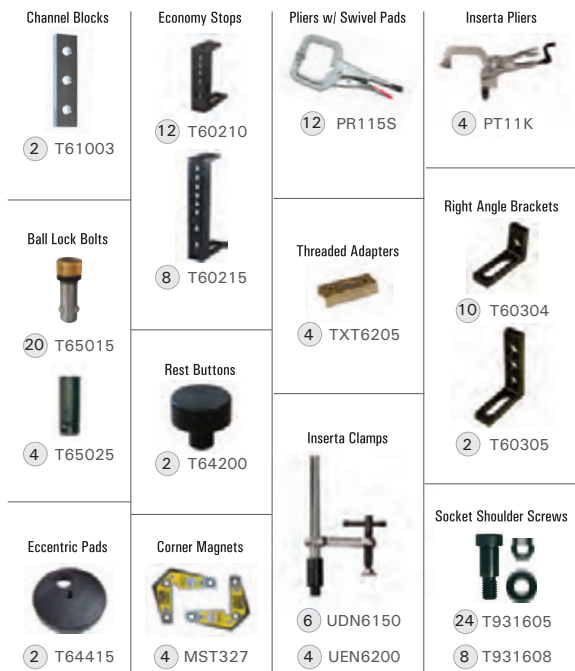
The bottom shelf holds bulky items such as HD Riser Blocks. The 30 mm lip around the bottom shelf prevents items from falling while moving.

(Fixturing Kit sold separately.)



## 128 - PIECE SQUARE TUBE KIT

Part No. TMK635 | Weight: 64 KG



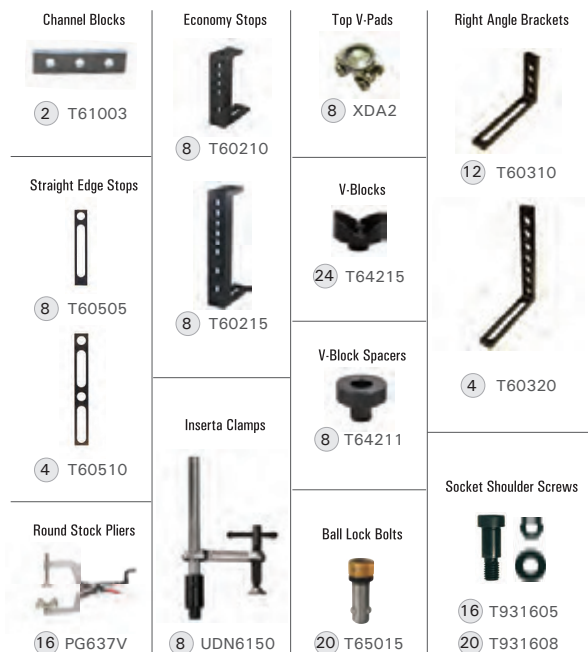
## 128 - PIECE KIT

| 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 ) |

BASIC FRAMING KIT

## 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 ) |

## MODULAR FIXTURING KITS

### 10 - PIECE KIT

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

TABLE JOINING KIT

### 10 - PIECE KIT

Part No. TMK605 | Weight: 4 KG

Riser Blocks



Socket Shoulder Screws



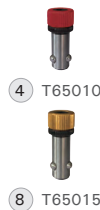
### 38 - PIECE KIT

| 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



Inserta Clamps



Right Angle Brackets



Straight Edge Stops



Magnetic Rest Buttons



Stops



Threaded Adapters



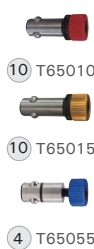
### 80 - PIECE KIT

| 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



Inserta Clamps



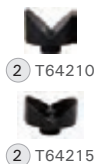
Threaded Adapters



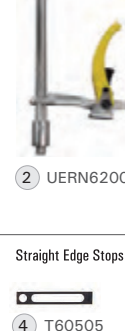
Right Angle Brackets



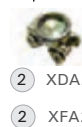
V-Blocks



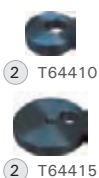
Stops



Top V-Pads



Eccentric Pads



Magnetic Rest Buttons



Straight Edge Stops



## 120 - PIECE KIT

Part No. TMK630 | Weight: 35.5 KG

|                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ball Lock Bolts</b><br><br>10 T65010<br><br>20 T65015<br><br>10 T65055  | <b>V-Blocks</b><br><br>4 T64210<br><br>4 T64215       | <b>Right Angle Brackets</b><br><br>4 T60304<br><br>4 T60305<br><br>4 T60310<br><br>2 T60320<br><br>2 T60330 | <b>Inserta Pliers</b><br><br>2 PT09K<br>2 PT11K        |
| <b>Mag. Rest Buttons</b><br><br>4 T50737                                                                                                                                                                                                     | <b>Inserta Clamps</b><br><br>4 UDN6150<br>4 UEN6200                                                                                    | <b>MagSpring Clamps</b><br><br>2 UDV45M                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Threaded Adapters</b><br><br>2 TXT6204<br>2 TXT6205 |
| <b>Stops</b><br><br>4 T64205                                                                                                                                                                                                                 | <b>Economy Stops</b><br><br>2 T60205<br><br>2 T60210  | <b>Top V-Pads</b><br><br>2 XDA2<br>2 XFA2                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Magnetic V-Pads</b><br><br>2 XDV4<br>2 XFFV4        |
| <b>Straight Edge Stops</b><br><br>4 T60505<br><br>4 T60510<br><br>4 T60517 | <b>Eccentric Pads</b><br><br>2 T64410<br><br>2 T64415 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                         |

## 120 - PIECE 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<br>( 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, XFFV4 )                                        |

MOST POPULAR KIT!

## 146 - PIECE KIT

Part No. TMK640 | Weight: 66 KG

|                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ball Lock Bolts</b><br><br>10 T65010<br><br>20 T65015<br><br>10 T65055 | <b>Straight Edge Stops</b><br><br>4 T60505<br><br>4 T60510<br><br>4 T60517 | <b>V-Blocks</b><br><br>4 T64210<br><br>4 T64215 | <b>Right Angle Brackets</b><br><br>4 T60304<br><br>4 T60305<br><br>4 T60310<br><br>2 T60320<br><br>2 T60330 |
| <b>Eccentric Pads</b><br><br>2 T64410<br><br>2 T64415                                                                                                        | <b>Inserta Pliers</b><br><br>2 PT14K                                                                                                                                                                                                             | <b>Top V-Pads</b><br><br>4 XDA2<br>4 XFA2                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Mag. Rest Buttons</b><br><br>4 T50737                                                                                                                                                                                                        | <b>MagSpring Clamps</b><br><br>2 UDV45                                                                                                                                                                                                           | <b>Magnetic V-Pads</b><br><br>2 XDV4<br>2 XFFV4                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Connectors</b><br><br>2 T54605                                                                                                                                                                                                               | <b>Round Stock Pliers</b><br><br>2 PG637V                                                                                                                                                                                                        | <b>Inserta Clamps</b><br><br>8 UDN6150<br>8 UEN6200<br>2 UERN6200                                                                  | <b>Economy Stops</b><br><br>2 T60205<br><br>2 T60210<br><br>2 T60215                                                                                                                                                                                                              |
| <b>Riser Blocks</b><br><br>2 T60120<br><br>2 T60125                                                                                                          | <b>Threaded Adapters</b><br><br>4 TXT6204<br>4 TXT6205                                                                                                                                                                                           | <b>Stops</b><br><br>4 T64205                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                    | <b>Magnetic Rests</b><br><br>2 T65410                                                                                                                                                                                                            |                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## 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, XFFV4 )                                        |
| 18   | Inserta Clamps ( 8 x UDN6150, UEN6200, 2 x UERN6200 )                      |
| 4    | Stops ( T64205 )                                                           |
| 16   | Right Angle Brackets<br>( 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<br>( 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

|                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ball Lock Bolts</b><br><br>20 T65010<br><br>20 T65015<br><br>10 T65055  | <b>Straight Edge Stops</b><br><br>4 T60505<br><br>4 T60510<br><br>4 T60517 | <b>Mag. Rest Buttons</b><br><br>4 T50737                                                                                                                                                                                                      | <b>Right Angle Brackets</b><br><br>4 T60304<br><br>4 T60305<br><br>4 T60310<br><br>2 T60320<br><br>2 T60330 |
| <b>Threaded Adapters</b><br><br>4 TXT6204<br>4 TXT6205                                                                                                                                                                                         | <b>MagSpring Clamps</b><br><br>2 UDV45M<br>2 UDV65                                                                                                                                                                                               | <b>Inserta Clamps</b><br><br>8 UDN6150<br>8 UEN6200<br><br>4 UERN6200                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Stops</b><br><br>4 T64205                                                                                                                                                                                                                   | <b>Eccentric Pads</b><br><br>2 T64410<br><br>2 T64415                                                                                                         | <b>Economy Stops</b><br><br>2 T60205<br><br>2 T60210<br><br>4 T60215 | <b>Inserta Pliers</b><br><br>4 PT11K<br>4 PT14K                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>V-Blocks</b><br><br>4 T64210<br><br>4 T64215                                                                                                                | <b>Connectors</b><br><br>2 T54605                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                  | <b>Round Stock Pliers</b><br><br>2 PG637V                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Magnetic V-Pads</b><br><br>2 XDV4<br>2 XFV4                                                                                                                                                                                               | <b>Magnetic Rests</b><br><br>4 T65410                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Riser Blocks</b><br><br>2 T60120<br><br>2 T60125<br><br>2 T60130 |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                  | <b>Top V-Pads</b><br><br>4 XDA2<br>4 XFA2                                                                                                                                                                                                                                                                                                                                                                                                             |

### 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](https://youtu.be/aD6DYVINAv4)



### 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](https://youtu.be/dvw1Xj1KfHc)



### STAIR RAIL



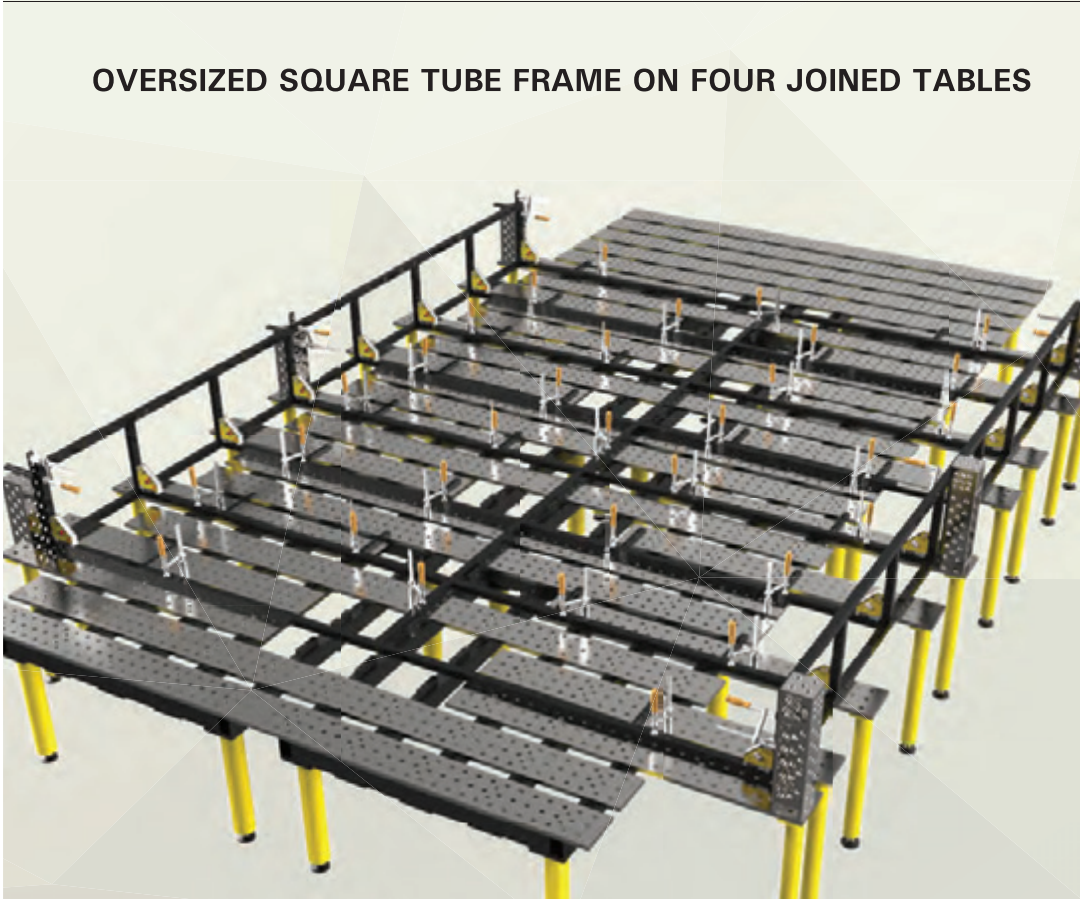
#### SUGGESTED PARTS LIST:

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

Find the fixturing video on:  
[youtu.be/Yxr2YIOE0\\_c](https://youtu.be/Yxr2YIOE0_c)



### OVERSIZED SQUARE TUBE FRAME ON FOUR JOINED TABLES



#### SUGGESTED PARTS LIST:

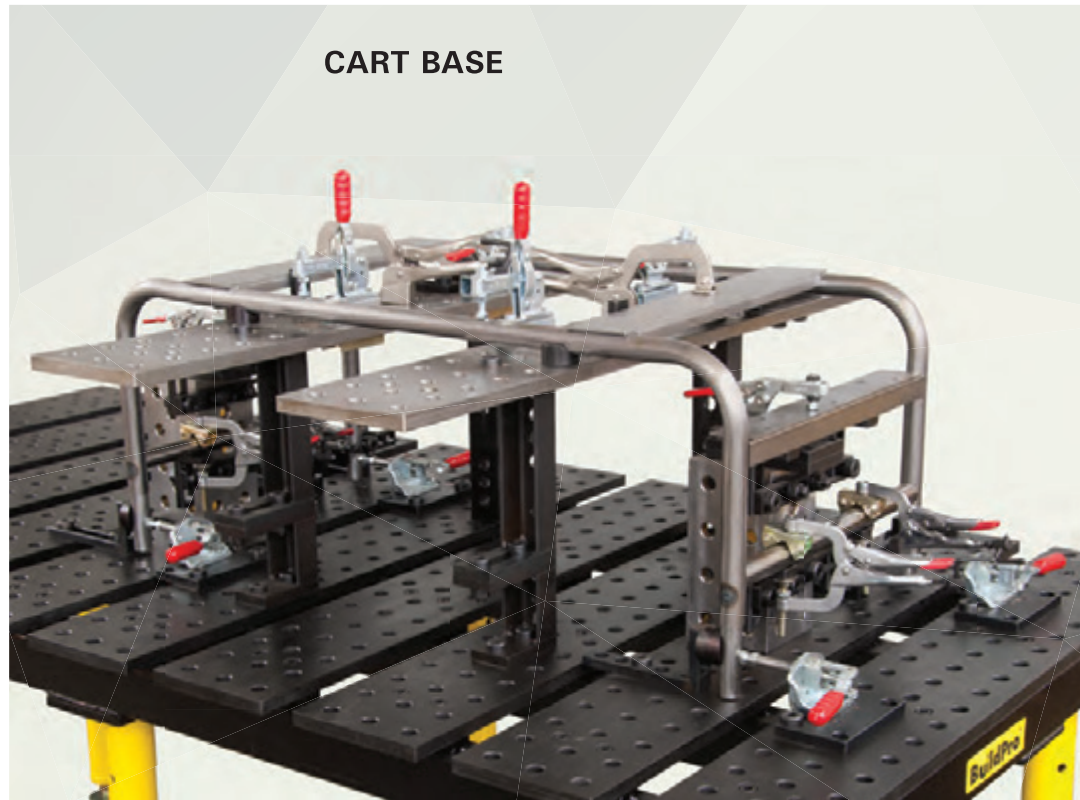
- Inserta Clamps
- Straight Edge Stops
- Riser Blocks

*Strong Hand Tools Products:*

◇ *Adjust-O Magnets*

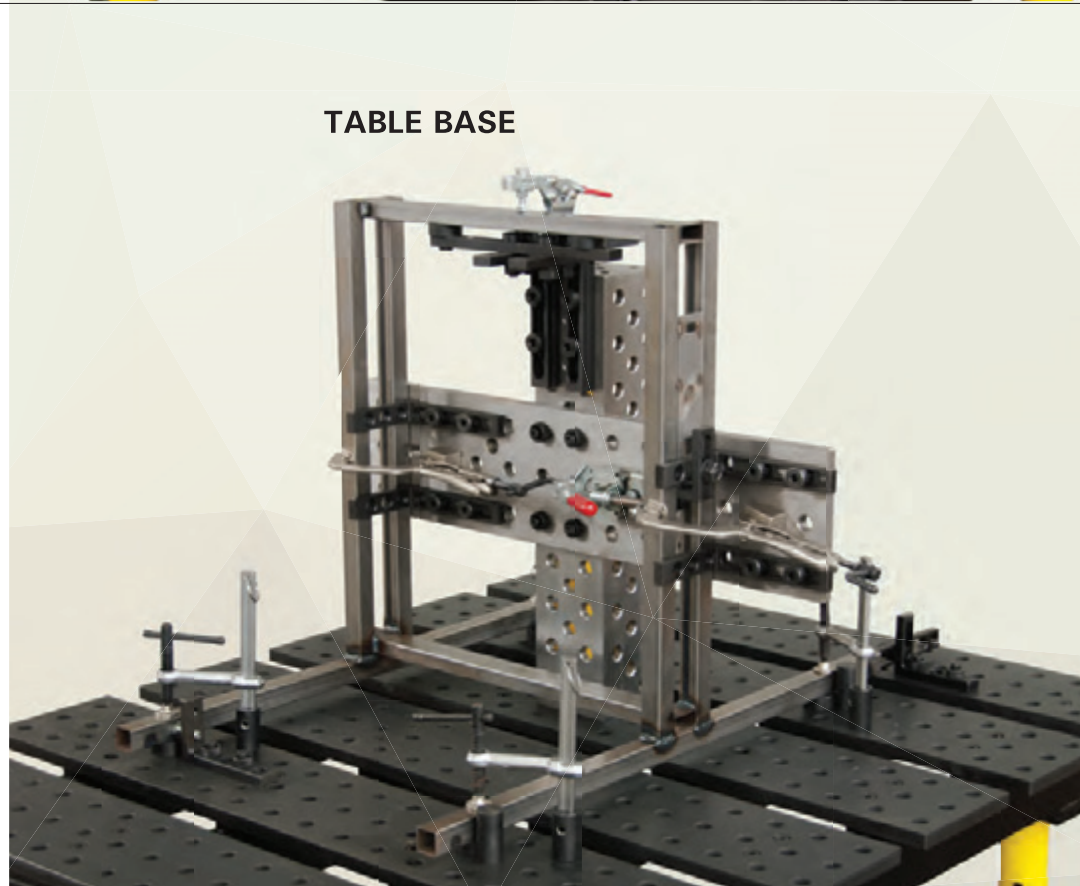
### SUGGESTED PARTS LIST:

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



### 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



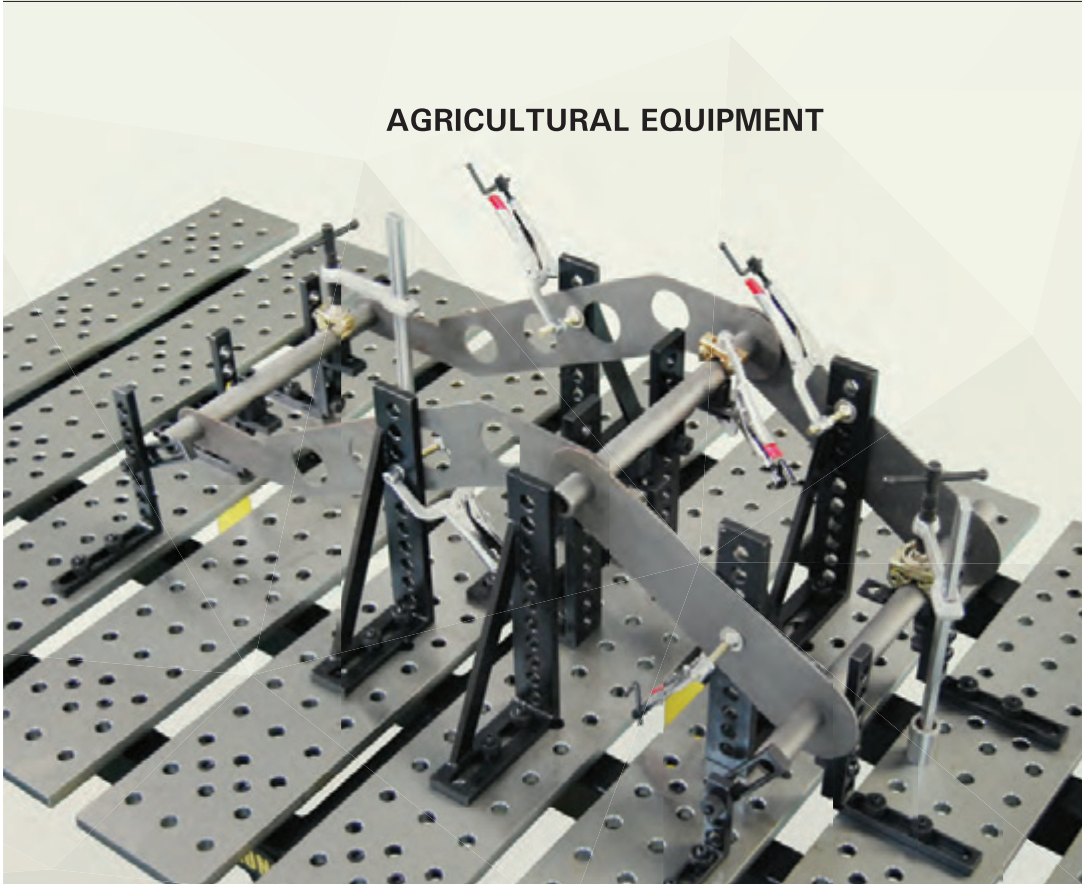
### SUGGESTED PARTS LIST:

- 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:*

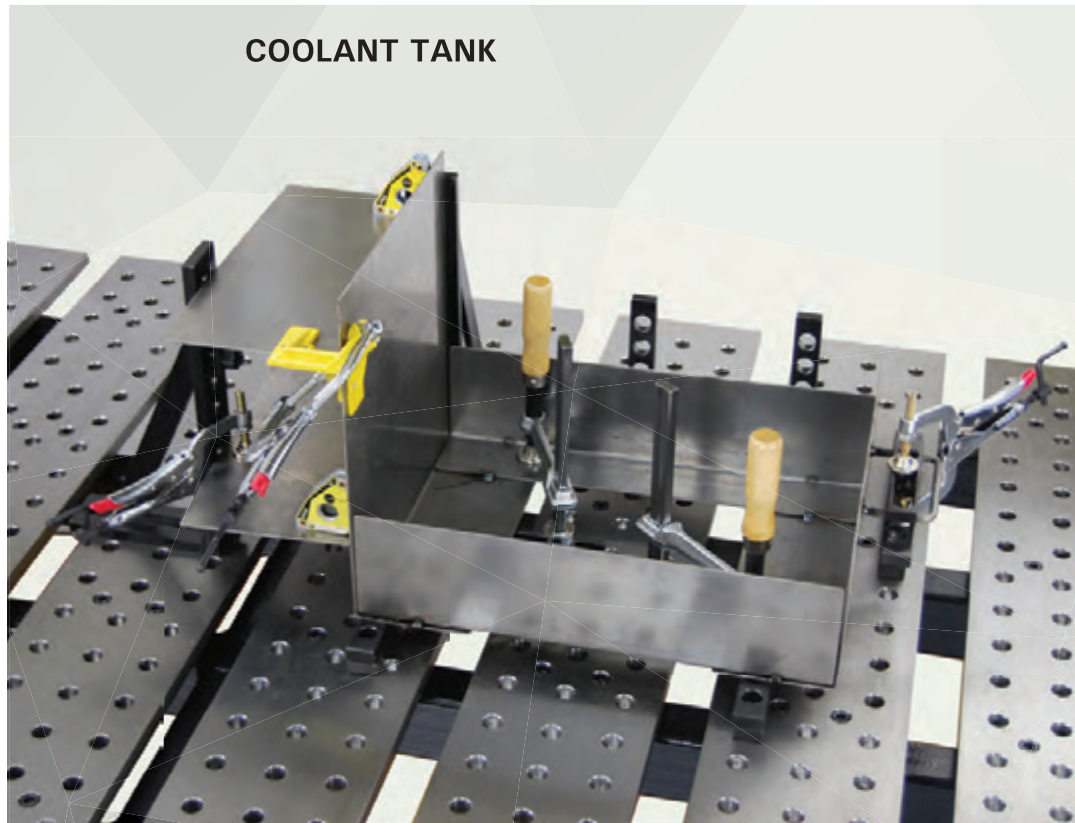
- ◇ Multi-Purpose Pliers

### SUGGESTED PARTS LIST:

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

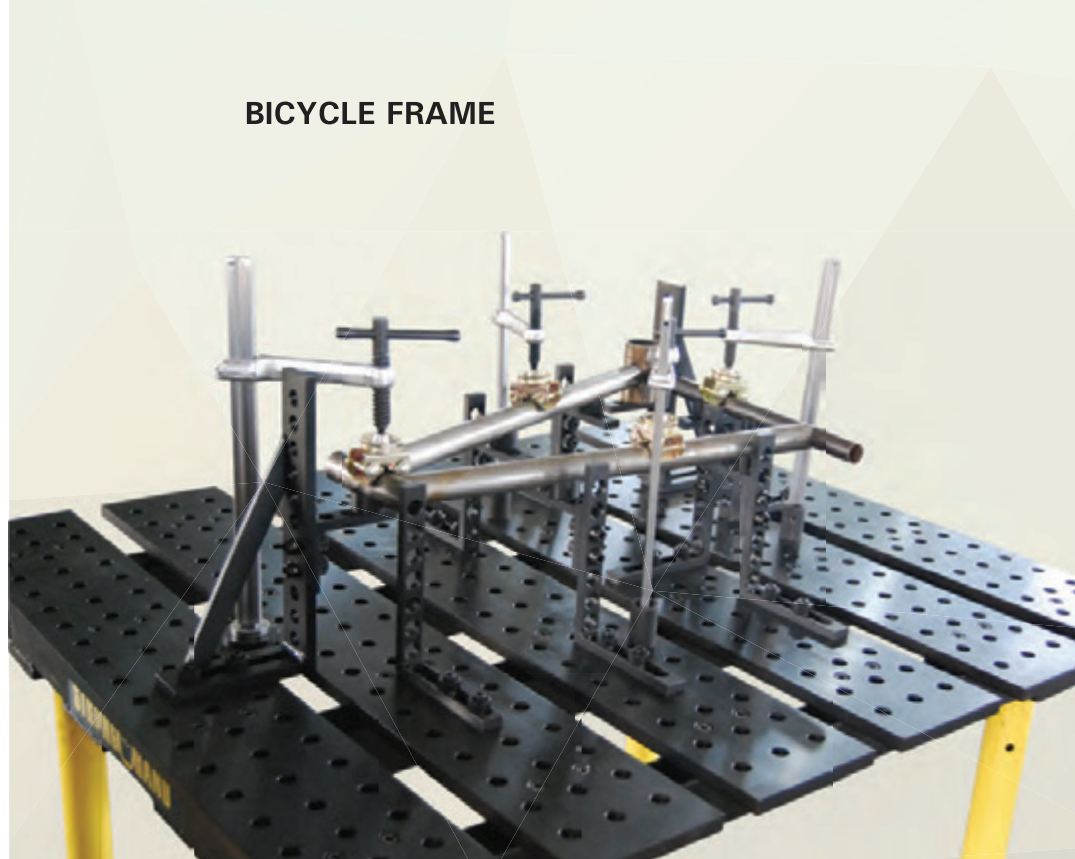
#### *Strong Hand Tools Products:*

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

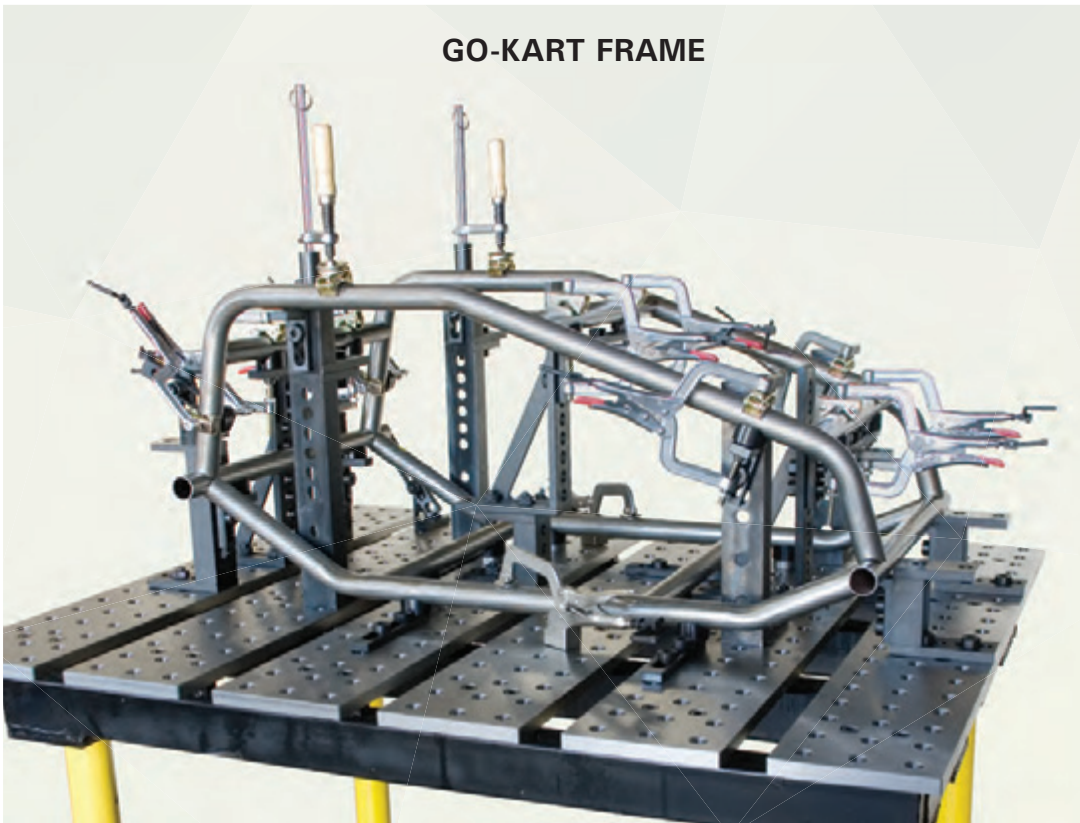


### SUGGESTED PARTS LIST:

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



### 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](https://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:

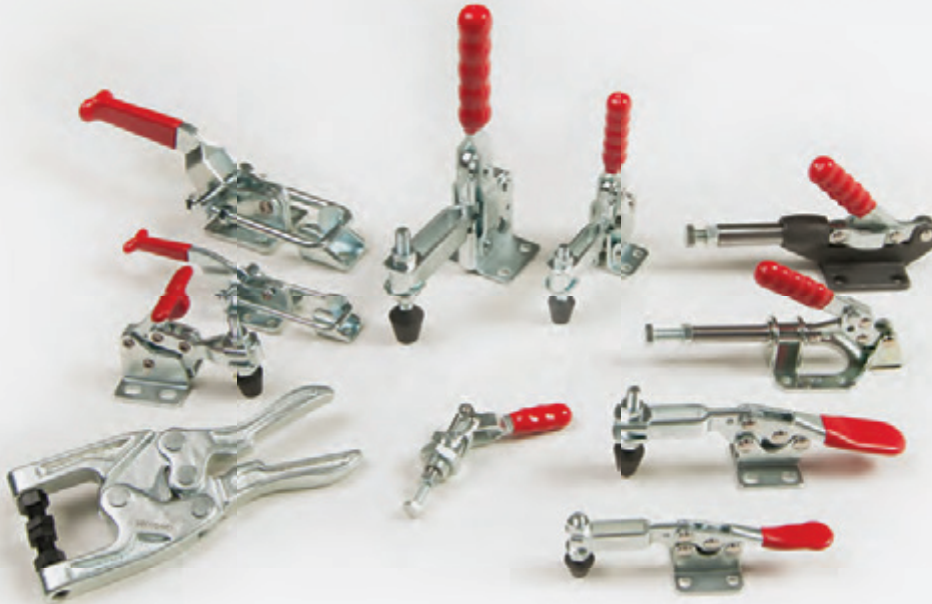
Use the space-saving NOMAD™ Table to tack weld smaller parts that will become part of a larger substructure. Use the NOMAD™ for small, short-run prototypes, reserving the BuildPro® Table for larger, more complex projects.

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](http://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.  
[www.valtrainc.com](http://www.valtrainc.com)

BEDDING SUPPORTS

FORGED ADJUSTA-CLAMPS

CENTER CAM CLAMPS

HANDWHEELS

CAM ACTION CLAMPS

ADJUSTABLE HANDLES

ROTARY T-SLOT NUTS

CAP SCREW HOOK CLAMPS

HANDKNOBS

LIFTING EYEBOLTS



LEVELING PADS

PINS & LINERS

PLAIN EYEBOLTS

HEAVY DUTY FIXED GLIDES

ROTARY T-SLOT BOLTS

SPRING STOPS

SPEED BALL HANDLES

CRANK HANDLES

T-SLOT BOLTS

T-STRAP BOLTS

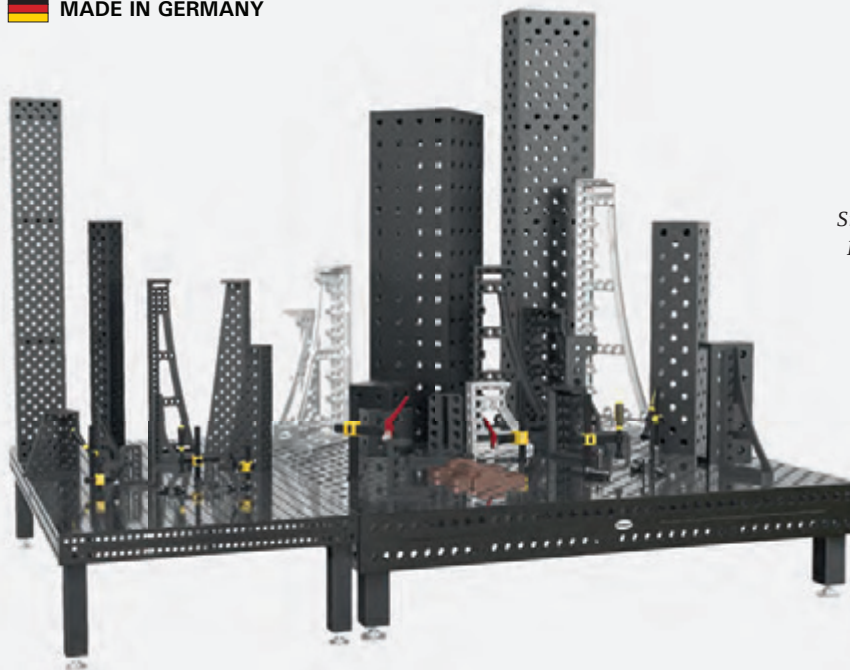


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