# STRONG HAND TOOLS

Welding tables, fixtures and fit-up tools




## Choose Your Setup

| Application | Range or option | Page |
|---|---|---|
| **Welding Tables** | 2 product groups | 2 |
| **Rhino Cart Fixtures** | 15 product groups | 3 |
| **Locking Pliers & Utility Clamps** | 10 product groups | 6 |
| **Angle Clamps & Magnetic Tools** | 16 ordering options | 8 |

### Ordering & Technical Support

Quote the model or part number and the size or configuration needed for your job.

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### Rhino Cart + 66-Piece Fixturing Kit

1200 × 750mm mobile station · TDQ612075-K1 · Page 02


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MOBILE FIXTURING STATION

# Rhino Cart & 66-Piece Kit

Set up square, locate parts repeatably and hold the joint for tacking and welding.



Optional side extension tables are sold separately.

TABLE + 66-PIECE FIXTURING KIT

## TDQ612075-K1

Reposition the cart on locking castors, then level it on its feet for fit-up. Flip the top to use the second working face.

**Working surface**
1200 × 750mm · reversible nitrided steel
**Top thickness**
16mm
**Fixture grid**
Ø16mm holes on 50 × 50mm centres
**Working height**
910mm
**Static load capacity**
680kg

## What Comes in the Kit

TDK6100 · 16mm system

| Purpose | Included fixture types |
|---|---|
| **Clamping** | T-handle clamp, Inserta pliers, side clamp and magnetic V-pads |
| **Locating and supporting** | Stops, locating pins, right-angle brackets, V-blocks and spacers |
| **Locking and spacing** | Ball-lock bolts and magnetic rest buttons |

**Rhino Cart technical details** **66-piece kit technical details**

Individual fixtures and order codes on pages 3–5.




## Nomad Folding Welding Table

A portable, slotted table for occasional fit-up. Folds away between jobs.

760 × 510mm · 660–810mm height · 28mm slots · 160kg load

**TS3020FKM**

**Nomad technical details**


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# Rhino Cart Fixtures

Match the fixture to the 16mm system. Use stops and locating pins to repeat a setup, and V-blocks to locate round stock.

## Ball lock bolt



22–27mm adjustment

**T65055**

Product specifications

## Locating pin



16mm hole

**T64201**

Product specifications

## Inserta pliers

60mm opening / 50mm reach



**PT07K**

Product specifications

## Inserta pliers

100mm opening / 75mm reach

**PT09K**

Range technical reference

## T-handle Inserta clamp



150mm opening / 83mm reach

**UDN6150**

Product specifications

## Magnetic top V-pad



For Inserta pliers and clamps

**T64217**

Product specifications


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# Rhino Cart Fixtures (cont.)

Match the fixture to the 16mm system. Use stops and locating pins to repeat a setup, and V-blocks to locate round stock.

## Side clamp



38mm stroke

**TCX6210**

Product specifications

## Stop



Ø25 × 38mm

**T64203**

Product specifications

## Stop

Ø25 × 50mm

**T64205**

Range technical reference

## V-block



Ø40 × 23mm

**T64216**

Product specifications

## V-block spacer



Ø38 × 11.5mm

**T64211**

Product specifications

## D-stop bar

120 × 25 × 11.5mm



**T60630**

Product specifications


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STRONG HAND TOOLS

# Rhino Cart Fixtures (cont.)

Match the fixture to the 16mm system. Use stops and locating pins to repeat a setup, and V-blocks to locate round stock.

## Magnetic rest button

Ø40 × 11.5mm



**T50737**

Product specifications

## Right-angle bracket

41 × 91 × 30mm



**T60304**

Product specifications

## Right-angle bracket

91 × 91 × 30mm

**T60305**

Range technical reference


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# Locking Pliers & Utility Clamps

Choose swivel pads for uneven surfaces, V-pads for pipe and a chain clamp for irregular or larger round workpieces.

## Round Tip Locking C-Clamp Pliers



Round tips reach around small flanges and edges.

165mm overall · 56mm opening · 46mm throat · 0.2kg

**PR6**

Product specifications

## Swivel Pad Locking C-Clamp Pliers



Swivel pads sit against angled or uneven surfaces.

165mm overall · 56mm opening · 46mm throat · 0.3kg

**PR6S**

Product specifications

## Pipe Pliers with V-Pads



V-pads locate round tube for fit-up.

150mm pliers · 25–50mm pipe capacity

**PG622VM**

Product specifications

## Standard Chain Pliers with 600mm Chain



600mm chain wraps irregular or larger round workpieces.

600mm chain · 0.9kg

**PFC1024**

Product specifications

## Adjustable Reach Pliers



Adjust the reach to clamp over wider sections.

350, 405, 460 or 510mm reach · 2.2kg

**PGA20M**

Product specifications

## 4-in-1 Utility Clamp with Standard V-Pad and Extender Block Kit



114mm opening · 83mm throat · M8 spindle

**UD45M-C3**

Product specifications


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STRONG HAND TOOLS

# Locking Pliers & Utility Clamps (cont.)

Choose swivel pads for uneven surfaces, V-pads for pipe and a chain clamp for irregular or larger round workpieces.

## Regular Duty Clamps



318mm opening · 140mm throat · M10 spindle

**UM125M**

Product specifications

## Heavy Duty Utility Clamp



318mm opening · 180mm throat · M10 spindle

**UP125M**

Product specifications

## Magspring™ Clamp



Spring-loaded sliding arm for one-handed positioning.

75mm opening · 83mm throat · M8 spindle

**UDV45M**

Product specifications

## Hatchet Action Utility Clamps



Ratchet action for quick setup on repetitive work.

180mm opening · 22 × 11mm rail · 1.2kg

**UF65RM**

Product specifications


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# Angle Clamps & Magnetic Tools

Use angle clamps to hold the joint geometry during fit-up. A switchable magnet simplifies positioning and release on ferrous material.

## 2-Axis Welders Angle Clamp 4.3kg



Holds a joint at 90° in two axes.

40mm jaw height · 4.3kg

**WAC34**

Product specifications

## 3-Axis Welders Angle Clamp



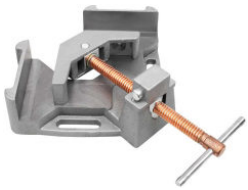
Swing-away third-axis arm improves access for fit-up and removal.

42mm jaw height · 210mm third-axis dimension · 11kg

**WAC35-SW**

Product specifications

## Angle Vice Delux Welders Angle Clamp 4.5kg



Holds a corner assembly with a third-axis fixture.

40mm jaw height · 4.5kg

**WAC35D**

Product specifications

## Angle Vice LG Welders Angle Clamp



51mm jaw height · 10kg

**WAC-45**

Product specifications

## Grasshopper - Magnetic Model Clamp



**AGH230**

Product specifications

## 45° & 90° Adjust-O Magnet Squares




111 × 95 × 29mm · 45° and 90°

**MSA46-HD**

Product specifications


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FIT-UP & TACK WELDING

# Magnetic Tools

Select by angle, access and pull rating. Each size has its own ordering code.

## Adjust-O Magnet Squares




Switch the magnet off to position the work, then on to hold it at 45° or 90°. For round or square tubing, angle and flat stock.

| Stock Code | Dimensions | Max. Pull | Pack |
|---|---|---|---|
| **MSA46-HD** | 111 × 95 × 29mm | 40kg | 1 |
| **MSA48-HD** | 152 × 130 × 35mm | 75kg | 1 |

**Product Details**

## 90° Dual-Switch Magnets



Two independent switches control the two contact faces. Machined flat and V-groove surfaces locate plate, round tube and square stock.

| Stock Code | Dimensions | Max. Pull | Pack |
|---|---|---|---|
| **MS2-80** | 152 × 152 × 38mm | 55kg | 1 |
| **MS2-90** | 152 × 130 × 35mm | 120kg | 1 |

**Product Details**

## Multi-Angle Magnet




Hold work at 30°/60°, 45° or 90°. The centre opening makes the magnet easier to handle; riveted holes allow magnets to be linked.

| Stock Code | Dimensions | Max. Pull | Pack |
|---|---|---|---|
| **MS346C** | 113 × 98 × 23mm | 40kg | 1 |

**Product Details**

## Outside Corner Magnets




Hold frames from the outside and leave the inside corner accessible for tack welding. Corner relief clears lips and other obstructions. Twin pack; 60° and 90°.

| Stock Code | Dimensions | Max. Pull | Pack |
|---|---|---|---|
| **MST327** | 83 × 95 × 16mm | 14kg | 2 |

**Product Details**

Max. pull is a magnetic pull rating, not a clamping load or lifting capacity. Pack quantities identify individual magnets or the supplied set.


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FIT-UP & TACK WELDING

# Angle Magnets

Select by angle, access and pull rating. Each size has its own ordering code.

## Mini Magnet Squares




Compact magnets for 30°/60°, 45° and 90° fit-up where a larger square would obstruct access. Supplied as a twin pack, with linking holes.

| Stock Code | Dimensions | Max. Pull | Pack |
|---|---|---|---|
| **MS346AT** | 59 × 50 × 16mm | 10kg | 2 |

**Product Details**

## Inside/Outside Combo Pack



Two fixed-angle magnets for holding from inside or outside the joint. Includes MLD300 (9kg pull) and MLD500 (15kg pull); both provide 90° and 30°/60° positions.

| Stock Code | Dimensions | Max. Pull | Pack |
|---|---|---|---|
| **MLDT350** | MLD300 + MLD500 | 9 / 15kg | 2 |

MLD300: 76 × 52 × 14mm. MLD500: 125 × 85 × 18mm.

**Product Details**

## Fixed Inside/Outside Magnet



Hold sheet, round pipe, square or angled stock at 90° and 30°/60°. Position outside the corner to leave the inside joint clear for tacking.

| Stock Code | Dimensions | Max. Pull | Pack |
|---|---|---|---|
| **MLD600** | 165 × 110 × 20mm | 18kg | 1 |

**Product Details**

## Adjustable Angle Magnets



Adjust from 30° to 270° for non-standard angles. Independent rectangular magnets grip the two workpieces; mounting holes allow connection to a fixture.

| Stock Code | Dimensions | Max. Pull | Pack |
|---|---|---|---|
| **MLA450** | 120 × 120 × 18mm | 12kg | 1 |
| **MLA600** | 156 × 156 × 20mm | 15kg | 1 |

**Product Details**

Max. pull is a magnetic pull rating, not a clamping load or lifting capacity. Pack quantities identify individual magnets or the supplied set.


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