

Magnetic Circle Layout & Burning Guide

As a circle layout tool with sliding soapstone holder and 360° scale on the magnetic base, will cut circles up to 30" in diameter. Bolt circles, hole locations, baffle plate placement, and circle sectioning for any number of reasons is a snap with flange wizard's layout scale and sliding soapstone holder.



As a circle burning guide, use this same tool to cut a round plate. Simply place the sharpened pin of the layout tool into your center punch mark and let the magnet slide down to sit firmly on the work surface. The magnet is strong enough to support the weight of your torch, which frees your hands for more cutting control.

Part No. 28439

Master Marker

- Main body has its own leveling system built-in and a strong magnetic base that works like a third hand.
- Marks saddles and angles on pipe and structural steel.
- Marking arm holder telescopes out over welds and makes angle changing on pipe fittings a snap.
- When marking a 90° saddle on pipe, set the collar on the marking arm holder and rotate shaft 180°, re-level and mark opposite side.
- Marks pipe on structural steel beams from 2-48" in size.
- Relocate main body and re-level marking arm holder to mark even larger pipe and structural steel beams.
- Structural adaptor is included.



Part No. MM-500

Two Hole Pins

This model features slotted pins with "friction fitting" knurled nuts. One pin has a bubble for easier vertical leveling. 1-1/2" diameter holes.

Part No. 42050



This model has pins that are threaded. One pin has a bubble for easier vertical leveling. 1-1/2" diameter holes.

Part No. 42050T

This is our largest set for holes up to 2" in diameter. One pin has a bubble for easier vertical leveling. All models now come with 360° vials that just "snap" in and out for easy replacement.

Part No. 42050TL

Magnetic Standard Centering Head Tool

One piece "Y" shaped body is designed to establish and mark a centerline at any angle around the circumference (inside or outside) of a pipe or tank. Use it as a protractor level, or remove and use the hardened center punch for other marking jobs. The easy to replace 360° vial makes it a snap to repair. The 2-1/2° increments are stamped in the main body for lasting service. This tool is a must for the welder or fitter's toolbox.

Part No. 53076-M



Pipe Flange Aligner

This model features slotted pins with "friction fitting" knurled nuts for flanges to 30"- 150 lbs. Fits flanges with holes up 1-1/2" diameter. 1/2"- to 1-7/16"

Part No. 38240



This model has pins which are threaded for flanges to 30"- 150 lbs. Fits flanges with holes up 1-1/2" diameter. 1/2"- to 1-15/16"

Part No. 38240TL

This is our largest model. Fits flanges with holes up to 1/2"- to 1-7/16"

Part No. 38240T

All models of the Pipe Aligner will two-hole (make 2 holes of the flange horizontally level with the ground) and vertically level the flange in ONE easy step.

All models now come with 360° vials that just "snap" in and out for easy replacement.

The Pipe Flange Aligner saves valuable fit-up time, in most cases it cuts fit-up time in half and eliminates the frustration of balancing a level on the pins.

Multi-Purpose "Chariot Cutting Guide"

Flange Wizard's Multi-Purpose "Chariot Cutting Guide" is a must for every tradesman who uses a cutting torch. Standard Part No. 24219 will cut circles up to 40" in diameter. It can bevel circles up to 36" in diameter. Cuts straight, irregular shapes and circles.

- Brass construction at heat stress points.
- Universal bushing fits all torches.

Part No. 24219



Universal Magnetic Tape Holder

Redesigned with no removable parts and works with most industrial measuring tapes. It is a third hand when doing those difficult measuring jobs while working alone. The holder secures the end of your tape while laying out close tolerance measurements from the end or the center of your material. 4" long and 5/8" square.

Part No. 89754



Cutting Guides / Levels / Wizard Wrap

Torch-Tip-Standoff

The torch-tip-standoff is a must for anyone who uses a cutting torch and wants to keep their tip at the proper burning height at all times. Not only will this assist you in making more uniform cuts, but will keep your cutting tips from being damaged and always ready for your next burning job. Simply slide the standoff over the cutting tip and against the bottom of the torch nut and tighten the set screw. Now you are ready to adjust the proper height by moving the sliding adjusting rod to a position that will keep the cutting tip at the desired distance from the work and tighten the set screw. You are now ready to burn with confidence.



Part No. 70501

Circle Wiz

The Circle Wiz cutting attachment is a must for anyone who cuts small to medium holes in plate or pipe. It is especially handy for cutting out the holes for matching saddle cuts, weldolets and threadolets. Made of solid brass and steel, the Circle Wiz has all the same qualities as other Flange Wizard® tools. The universal brass bushing will adapt to any size or make of cutting torch. The Circle Wiz will cut holes from 5/8" in diameter to 12" in diameter. Simply slide the hardened center pin along the hex arm to attain the proper radius of hole desired. Place the sharpened point in your center mark and you are ready to cut.



Part No. CW-300

Multi-Use Angle Burning Guide

The angle burning guide with magnetic base is a must for every person who uses a conventional or plasma torch and wants an excellent angle or straight cut every time. It can also be used as a protractor or as a multi-angle tri-square. The angle burning guide will hold any standard square as well as most straight edges. Special squaring and marking jobs are a snap with your new multi-use tool.



Part No. 70001

Plasma Cutting Guide w/ Bushing

Flange Wizard's Plasma Cutting Guide is a handy addition to your plasma cutting machine. Standard model PG-601 will assist you in cutting holes from 5/8" to 36" in diameter. You can use your plasma cutting guide for straight and irregular cuts by using the wheels provided. It can be to cut on either the inside or the outside of the wheel. When purchasing your plasma guide, the proper bushings to fit your torch must also be specified. A magnetic base with a straight pivot pin can be ordered as an accessory item to your plasma guide if desired, (Part No. 77350)



Part No. PG-601

Accessory Magnetic Base

Magnetic Base serves as a third hand when cutting large holes. This base comes with a straight pivot pin and suction cups for use on non-ferrous metals. Never use the magnetic base or suction cups when cutting small holes, the heat will damage the magnets or suction cups.



Part No. 77350

Pocket Pro Level

Extra strong magnets will hold this level firmly to any steel surface. The two (2) stationary vials are placed at 90° angles of each other and can be read from any surface of the level. If vials are broken or damaged, they can be replaced by removing the old vial and sliding in a new one. Only 9" long and 1-1/2" wide for easy handling and storage. Weighs 10 ounces.



Part No. PP-200

Magnetic Torch Guide for Straighter Bevel Cutting

New improved Magnetic Torch Guide has adjustable holding blocks and cutting rail extensions that allow you to add all the length you need for those special cutting jobs. The cutting guide is stainless steel and works with conventional or plasma torches.



- The basic model 12340 is 24" in length with two adjustable magnetic holding blocks.
- 24" extension comes complete with 5" long magnetic connector block.

Part No. 12340

Part No. 12340-24- Extension for Torch Guide

Wizard Wrap

Wizard Wrap is made from a non-asbestos, heat resistant material. The edges are thick and straight for easier more accurate marking.



Exclusive features include:

- 48" tape measure printed on the extra large Wizard Wrap.
- 36" tape measure printed on the medium & large Wizard Wraps.
- 28" tape measure on the small Wizard Wrap. This limits the need for an extra tape measure, and makes mark-up easier.
- Circumference & quartering scale printed on every small, medium and large Wizard Wrap. This limits the need for calculations because the exact circumference, 1/4, 1/2 and 3/4 of the circumference, plus the actual pipe diameter for 2" through 30" pipe is printed on the outside of the Wizard Wrap.
- Packaged in a durable, reusable container that will hold up in your toolbox.
- Oil, gasoline, kerosene, water and sea water resistant.

Magnetic Blocks

These new magnetic support blocks can be attached to any standard square to form your own burning guide. Also use them to hold your square for various jobs. Attach to any straight edge up to 1/8" thick to form your own burning guide.



- 3 to a set

Part No. 3-28

| Part No. | Description | Pipe Size |
|----------|------------------|-------------------|
| WW-16 | 2-5/8 x 30" | 1" to 6" pipe |
| WW-17 | 3-7/8 x 60" | 2" to 16" pipe |
| WW-17A | 5-1/4 x 120" | 2" to 30" pipe |
| WW-18 | 5.25" custom cut | Order by the foot |
| WW-18A | 7" custom cut | Order by the foot |
| WW-19 | 7" x 180" | 12" to 48" pipe |

Centering Tools / Level / Burning Guides

Radius Marker

The Wizard Radius Marker is a precision tool made of rust-proof aluminum. Precisely aligned arms guarantee accuracy and rigidity for years of service. Holder accommodates flat or round soapstone and pencils. Small and medium models fold to pocket size.

- Part No. 72800**- Small, 22" circumference
- Part No. 72805**- Medium, 50" circumference
- Part No. 72810**- X-Large, 100" circumference



Pocket Degree Level

The pocket size, combination degree level makes it easy to establish angles and mark for butt-ins, set tanks, layout keyways and measure decline or slope. This handy pocket level is 2-3/8" long and 1-1/2" wide and permanently marked in 2-1/2" increments and numbered every 10°. It has a magnet in the base for easy hands off use and can even hold the end of a tape measure for solo use.

Part No. 0L-2



Milter Marker

Structural beam layouts and marking layouts and marking angles or saddles on pipe and tubing are a snap.

- Includes a magnetic base
- 360° rotating shaft with a built-in leveling vial.
- Spring-loaded joints for smooth and precision operation.
- Size range is 1-1/2 - 12" pipe.

Part No. 63803



Magnetic Small Centering Head Tool

This tool has a one-piece "Y" shaped body designed for working with smaller diameter pipe. It is machined from quality aluminum material, then anodized for lasting protection. It can be used to establish and mark a centerline at any angle around the circumference on a pipe or tank or it can be a protractor level on alignment jobs in the automotive field.

Part No. 53025-M



Pipe Magician Case

A person who works with pipe needs the finest tools available and a way to protect them when not in use. The four quality tools in this case are a must when working with pipe.

Part No. 8905



Case includes one of the following:

| | |
|------------------|----------------------------------|
| Part No. 8900 | 15" L x 10" W x 3-1/2" deep case |
| Part No. 38240-T | Pipe Flange Aligner |
| Part No. 53076-M | Standard Magnetic Centering Head |
| Part No. PP-200 | Pocket Pro Level |
| Part No. WW-16 | Small Wizard Wrap |
| Part No. 5102 | FREE BONUS Vial Repair Kit |
| | Flange Wizard Tools Catalog |

Lil' Wiz Case

This is a great kit for anyone who burns holes (5/8" to 10" dia.) in a pipe, plate or structural steel.

Part No. 8915



Case includes one of the following:

| | |
|------------------|-------------------------------|
| Part No. 8902 | 13" L x 8" W x 3" deep case |
| Part No. CW-300 | Circle Wiz |
| Part No. 0L-2 | Combo Degree Level |
| Part No. 53025-M | Small Magnetic Centering Head |
| Part No. 89754 | Magnetic tape holder |
| Part No. 5102 | FREE BONUS Vial Repair Kit |
| | Flange Wizard Tools Catalog |

Wizard Burning Guides

Part No. 8910



Case includes one of the following:

| | |
|-------------------|----------------------------------|
| Part No. 8900 | 15" L x 10" W x 3-1/2" deep case |
| Part No. 24219-11 | Chariot Cutting Guide |
| Part No. 3105 | Magnetic base with straight pin |
| Part No. 3-28 | Magnetic blocks |
| Part No. 89754 | Magnetic tape holder |
| Part No. 70501 | FREE BONUS Torch Tip Standoff |
| | Flange Wizard Tools Catalog |