

Soapstone

- All white texture for excellent marking quality.
- Grain cut to ensure good strength and long service life.
- Marks will not contaminate welds and are easily removed.
- Low water content for increased hardness and resistance to breakage.



Part No. NS-16



Part No. NS-16A

Part No.	Description	Packaged
NS-16	Flat	144 pieces/ pk
NS-16A	Round	
NS-16B	Square	



Part No. NS-16B



DYKEM® TXP®

The TEXPEN® stands out for its distinctive fine, medium and bold oil-based paint markings. Its stainless steel-ball valve action tip writes through oil, grease and underwater without losing legibility or brightness even in extreme weather conditions.



Part No. 16063

TEXPEN®

Color	Fine	Medium	Broad
Black	16030	16033	16034
Blue	16010	16013	16014
Green	16040	16043	16044
Orange	16100	16103	16104
Red	16020	16023	16024
White	16080	16083	16084
Yellow	16060	16063	16064

DYKEM® DALO®

The DALO® Marker is a marking pen with medium and bold tips that holds a high capacity of oil-based paint and is a larger version of the TEXPEN®. Its stainless steel-ball valve action tip writes through oil, grease, and underwater without losing legibility or brightness even in extreme weather conditions.

- Writes sharp, defined, bright marks on any surface including metal, plastic, glass, concrete, rubber & more.
- Ergonomically correct marker that enables you to mark at all angles, even upside down.
- Marker retains its shape.
- Paint flow is controlled by the bulb at the end of the barrel.
- Drying time: 25-35 minutes.



Part No. 26033

DALO® Marker

Color	Medium	Broad
Black	26033	26034
Blue	26013	26014
Green	26043	26044
Orange	26103	26104
Red	26023	26024
White	26083	26084
Yellow	26063	26064

Industrial Markers

action marker®

The dye-based DYKEM® action marker® is the solution for your quick-dry ink marker needs. This valve-action marker features a fibertip for marking on smooth surfaces. When not in use, the clip cap makes it easy to secure the marker in your pocket or on a clip board. The 44 style features a threaded end that can be screwed into a jig or apparatus for a continuous identification application.

- Available in 2 barrel sizes.
- Ink writes on smooth surfaces such as glass, aluminum, plastic, rubber and more.
- Marks will not smudge or rub off.
- Interchangeable and replaceable tips available.
- 6 to 8 times the writing life of most other capillary markers of comparable size.
- Drying time: 45 seconds-1 minute.

Color	AM 44	Fine Line
Black	44003	33003
Orange	44010	33010
Red	44002	33002
Blue	44001	33001
Green	44004	33004



Part No. 44003



Part No. 33003

High Temperature Markers

High Temp TXP®

The High Temperature TEXPEN® has a stainless steel-ball valve action tip with heavy viscosity, oil-based paint is specially formulated for nonporous surfaces that reach temperatures of up to 2,000° F/1093° C. Marks become permanent and fused when heated. The High Temperature TEXPEN® is an ergonomically correct marker that enables you to mark at all angles, even upside down. Paint flow is controlled by the bulb at the end of the barrel.

High Temp action marker®

The High Temperature action marker® 44 and action marker® 33 are pigmented, oil-based, fiber tip pens that are specially formulated for nonporous surfaces that can reach temperatures of up to 2,000° F/1093° C. Marks become permanent and fused when heated. Both markers feature a clip on the pen cap that fits easily into your pocket or on your clipboard. The action marker® 44 has an extra large paint capacity. The action marker® 33 is lightweight and writes fine, distinctive markings.

- Perfect for marking on glass, metal and ceramic parts.
- Each color represents a temperature range.
- Drying time: TEXPEN® 25-35 minutes.
- Drying time: action marker® 45 seconds-1 minute.

High Temp TEXPEN®

Color	Part No.		Temperature Range
	Medium	Broad	
Black	17033	17034	2000° F/1093° C
White	17083	17084	800-900° F/426-482° C
Yellow	17063	17064	800-900° F/426-482° C



Part No. 17063

High Temp 44®

Color	Part No.	Temperature Range
Blue	44094	2000° F/1093° C
Green	44266	1800° F/982° C
White	44219	1550-1650° F/843-899° C
Yellow	44424	800-900° F/426-482° C
Black	44250	2000° F/1093° C



Part No. 44266

DYKEM® BRITE-MARK® H₂O

DYKEM® BRITE-MARK® H₂O is a general purpose water-based marker ideal for making clear, bold markings on almost any surface in environments where VOC issues and Xylene use is a concern. DYKEM® BRITE-MARK® H₂O can be used to permanently identify inventory, assemblies, tools, finished products or work-in-progress while resisting most work related abuses or compounds.

- Vibrant colors.
- Excellent opacity.
- Xylene free.
- Low odor.
- Low VOC.
- High flash point >212° F.

Color	Part No.
White	91425
Black	91426
Yellow	91427
Red	91428
Green	91602
Blue	91603
Orange	91604



Part No. 91427

High Purity Markers

High Purity TXP®:

The High Purity TXP® contains trace amounts of halogens, low melting metals and is low in chloride. It's stainless steel-ball valve action tip can be used on surfaces where degradation, contamination or adverse effects are not desired. This marker enables you to mark at all angles, even upside down. Its oil-based paint withstands extreme weather conditions.

High Purity action marker®

The High Purity action marker® 44 and action marker® 33 are dye and pigment-based ink pens with a valve action fiber tip that write on smooth surfaces. Low in chlorides, it can be used on surfaces where degradation, contamination or adverse effects are not desired. Pens meet or exceed the requirements of the US Energy Research & Development Administration's "Nuclear Grade" for black, red, yellow, and white inks. The action marker® 33 is lightweight and writes fine, distinctive markings.

- Ideal for welding, aircraft industries, ship/boat/marine industries, automotive plants and power plants.
- Paint will not contaminate or adversely affect surface being marked.
- Drying time action marker®: 45 seconds-1 minute.
- Drying time TXP®: 20-30 minutes.

action marker®

Color	Part No.
Black	44404
Blue	44534
Red	44301
White	44729
Yellow	44916

Fine Line

Color	Part No.
Black	33404
Red	33301
White	33729

TXP®

Color	Part No.	
	Medium	Broad
Black	17473	
Blue	14213	
Green	10353	
Orange	14203	
Red	14103	
White	17463	17464
Yellow	14143	14144



DYKEM® BRITE-MARK®

DYKEM® BRITE-MARK® valve action paint markers are general purpose markers that write on virtually any surface. The quick drying, oil-based paint withstands indoor and outdoor conditions. The marks remain true and will not fade, chip or lose opacity. DYKEM® BRITE-MARK® markers can be used to permanently identify inventory, assemblies, tools, finished products or work-in-progress while resisting most work-related abuses or compounds.

- Makes permanent bright marks on metal, rubber, plastic, glass, concrete, leather, stone, wood, vinyl and more.
- Valve action mechanism prevents paint in barrel from drying when cap is left off.
- Heavy duty aluminum body with large paint capacity.
- Ideal for color coding.
- Bullet tips are replaceable to assure complete use of paint.
- Drying Time: 25 - 35 seconds.

Color	Part No.		
	Fine	Medium	40 - Broad
Black	41003	84002	40003
Blue	41001	84001	40001
Green	41004	84007	40004
Gold	41014	84051	40014
Orange	41010	84005	40010
Violet	41045	84019	40045
Red	41002	84006	40002
Silver	41016	84050	40016
White	41008	84003	40008
Yellow	41006	84004	40006
Pink		84009	40009
Lt. Blue		84008	



STRIKE-MARK™

DYKEM® STRIKE-MARK™ is an ink based permanent marker. This valve action marker features a fiber tip and an industrial strength ink ideal for permanent identification of parts or accessories. The clear, crisp marks resist fading even when subjected to varying extreme climates and dries in seconds.

- Fast drying.
- Resists fading.
- Industrial strength ink.
- Marks will not smudge or rub off.



Part No. 91682

Color	Part No.
Black	91682
Blue	91731
Green	91734
Red	91736

Industrial Markers / Paint Markers

DYKEM® BLEED-THRU™

DYKEM® BLEED-THRU™ is a fast drying ink marker that writes on almost any surface. It is ideal for fabricating structural steel or layout work where marks are required to bleed through a primer coat covering the marks. Marks bleed through when painted over with oil/solvent based paints and primers. Makes permanent marks on plastic, metal, glass, ceramics, and most non-porous surfaces. It can be used to permanently identify inventory, assemblies, machines, or finished products while resisting most work related abuses or compounds.

- Bleeds through most paints and primers.
- Permanent marks on most surfaces.
- Can be used for identification purposes.
- Heavy duty aluminum body with large ink capacity.
- Chisel tips are replaceable to assure complete use of paint in each marker.
- Valve action mechanism prevents ink in barrel from drying when cap is left off.

Part No. 44541 - Black



Part No. 44541

SUDZ OFF®

SUDZ OFF® markers are perfect for temporary writing on non-treated, non-painted metal surfaces which require ink that is water resistant. Marks can be removed with detergents with a pH of 10 or higher.

- Ideal for quality control.
- Interchangeable and replaceable tips make the pen more practical and long lasting.
- No "ghosting" occurs when removed with detergent.
- Drying Time: 15-20 seconds.



Part No. 91938



Part No. 91371

Color	Part No.
Black	91985
Blue	91938
Green	91371
Yellow	91694
White	91146

Markal

Valve Action® Paint Marker

- Marks with real paint, dries in 3 minutes.
- Valve action nib releases paint as needed for continuous marking.
- Marks on all surfaces including: metal, wood, glass, plastic, rubber, cardboard and paper.
- Lead-free.
- The 1/8" fiber nib is replaceable to assure complete use of each marker.
- Durable metal barrel.
- Meets California VOC Regulations.
- Unit packaging: 12 of one color to a box.

Part No. 96867- Replacement tips.

Marking Range: -50° F to 150° F (-46° C to 66° C)



Part No. 96821

Color	Bulk Part No.	Carded 1/Card Part No.
Brown	96809	-
Purple	96817	-
White	96820	96800
Yellow	96821	96801
Red	96822	96802
Black	96823	96803
Orange	96824	96807
Blue	96825	96805
Green	96826	96806
Gold	96827	-
Aluminum	96832	96804
Lt. Blue	96835	-

Carded items, Case Quantity: 24
Bulk Case Quantity: 48

Pro-Wash® Removable Paint Markers

- Real paint washes off quickly with water (Pro-Wash W) or mild detergent (Pro-Wash D).
- Marks on metal, glass, plastic and other non-porous surfaces.
- Will not ghost or leave residue when removed.
- Ideal for quality control processes, parts assembly operations, etc.



Part No. 97012

Pro-Wash® D

Part No.	Color
97010	White
97011	Yellow
97012	Red
97013	Black
97015	Blue
97016	Green

Case Qty: 24

Pro-Wash® W

Part No.	Color
97030	White
97031	Yellow
97032	Red
97033	Black
97035	Blue
97036	Green

Ball Paint Marker®

- Marks with real paint, dries in 5 minutes.
- Durable metal ball tip marks on smooth or rough surfaces.
- Marks on metal, wood, plastic, glass, and hard surfaces.
- Lead free, non-toxic.
- Marks are weather and fade-resistant.
- Unbreakable plastic bottle with 1/8" steel ball tip.
- Stores in pocket for easy access.
- Plastic cap keeps tip clean between jobs.
- Unit packaging: 12 of one color to a box.

Marking Range: -50° F to 150° F (-46° C to 66° C)



Part No. 84600

Part No.	Color
84600	White*
84601	Yellow*
84620	White
84621	Yellow
84622	Red
84623	Black
84624	Orange
84625	Blue
84626	Green

* Carded -1/card

Carded items, Case Qty: 24

Boxed items, Case Qty: 48

Dura-Ball® Paint Tube Marker

- Marks with real paint, dries in 5 minutes.
- Durable metal ball tip marks on smooth or rough surfaces.
- Marks on metal, wood, plastic, glass, and hard surfaces.
- Lead free, non-toxic.
- Marks are weather and fade-resistant.
- Durable metal tube with 1/8" steel ball tip.
- All colors are low chloride making them safe for marking stainless steel.

Marking Range: -50° F to 150° F (-46° C to 66° C)



Part No. 96653

Part No.	Color
96652	White
96653	Yellow
96654	Red
96655	Black
96656	Orange
96657	Blue
96658	Green

Case Quantity: 48

Pro-Line® Paint Markers

- Available in fine (2 mm) and micro (1 mm) tip sizes for ultimate precision.
- Xylene-free for less odor.
- Ideal for metal, also suitable for wood, glass, plastic, rubber and more.
- High-strength, lightweight barrel for industrial use.
- Self-storing cap with integrated pocket clip.
- Ergonomic design for comfortable extended use.

Marking Range: -50° F to 150° F (-46° C to 66° C)



Part No. 96872

Micro - 1 mm

Part No.	Color
Bulk	
96888	White
96889	Yellow
96890	Black
96891	Red

Case Qty: 48

Fine - 2 mm

Part No.	Color
Carded	
96657	White
96658	Yellow
96659	Red
96660	Black

Case Qty: 24

Fine - 2 mm

Part No.	Color
Bulk	
96871	White
96872	Yellow
96873	Black
96874	Red
96875	Blue
96876	Green
96877	Orange
96878	Pink
96879	Lt. Green

Case Qty: 48

Pro-Max® Paint Markers

- Super sized 1/2" + nib for highly visible marks.
- High-strength, lightweight barrel for industrial use.
- Ideal for identification, fill-in marking, signage, and/or safety marking on any surface.
- Available in six ultra-visible colors.
- Xylene-free for less odor.
- Self-storing cap.



Part No. 90901

Part No.	Color
Bulk	
90900	White
90901	Yellow
90902	Red
90903	Black
90904	Orange
90905	Blue

Case Qty: 24

Fiber Tip Markers / All-Purpose Markers

DURA-INK® Fiber Tip Markers

#15 Fine Tip Marker

- Ideal for fine line marking.
- Extra tough tip, won't spread or mush.
- Smear-resistant, water-resistant, fast drying.
- Marks on metal, wood, cardboard, paper, plastic, glass, etc.
- For identification of parts, layout work and marking cartons and crates.
- Available on blister card for point-of-purchase display.



Part No. 96023

Part No.	Color
96022	Red
96023	Black
96025	Blue
96026	Green

Case Qty: 72

#25 Medium Chisel Tip Marker

- Versatile chisel tip for 1/16" and 5/16" marks.
- Extra large ink supply for greater mileage.
- Heavy-duty metal barrel.
- Use on cardboard, wood, metal, paper, ceramics, glass, and leather.
- For identification of equipment, marking shipping cartons and making signs.



Part No. 96223

Part No.	Color
96222	Red
96223	Black

Case Qty: 48

#55 Medium Taper Chisel Tip Marker

- Ergonomic design for extended use.
- Ink formulated for industrial strength usage.
- Versatile tapered chisel tip, for 1/16" and 3/16".
- Long mileage, economical.
- Smear-resistant, water-resistant, fast drying.
- Durable cap with pocket clip and plastic barrel for industrial use.
- Use on cardboard, ceramics, glass cloth, lumber, paper, rubber and steel.



Part No. 96529

Part No.	Color
96528	Red
96529	Black
96530	Blue
96531	Green

Case Qty: 48

Unit packaging:
12 of one color
to a box

Trades Marker®

- Needs no sharpening.
- Handy pocket clip.
- Available in 5 bright colors.
- Marks on plastic, glass, metal, wood, cardboard and paper.
- Marks won't rub off and are weather-resistant.
- Push-button holder advances the stick as needed.



Part No. 96000

Part No.	Color
96000	1 holder & 5 refills*
Refills	
96009	Orange
96042	White
96043	Yellow
96044	Black
96045	Red

*Contains 1 each of orange, white, black, yellow and red.

Case Qty: 24

Pk. Qty: 6

China Marker

- The economical solution for marking on porous and non-porous surfaces such as paper, cardboard, plastic, wood, glass, ceramics and some metals.
- Paper-wrapped marker.
- Moisture resistant.
- Smooth writing.
- Non-toxic pigments.



Part No. 96012

Part No.	Color
96010	White
96011	Yellow
96012	Red
96013	Black
96014	Crimson
96015	Blue

Fineline Metal Markers

Red-Riter® Metal Marker

- Fine line marker for all types of metal surfaces.
- Marks won't rub off like soapstone.
- High visibility on aluminum and stainless steel.
- No sharpening necessary.
- Holders include pocket clip.



Part No. 96005

Part No.	Shape	Pk. Qty.	Case Qty.
96005	Flat	-	24
Refills			
96019	-	25	24
Holders			
96017	-	10	12

Silver-Streak® Metal Marker

- Available in original flat and round sizes.
- Ideal for doing metal layout and fabrication work.
- Marks on all types of metal surfaces.
- Marks won't rub off like soapstone.
- Durable metal and plastic holders prevent breakage.
- Holders include pocket clip.



Part No. 96006

Part No.	Shape	Pk. Qty.	Case Qty.
96004	Flat	-	24
96006	Round	-	24
Refills			
96018	Flat	25	24
96002	Flat	100	24
96007	Round	6	24
Holders			
96017	Flat	10	12

B® Paintstik®

- Real paint in stick form.
- Weather-resistant, UV-resistant.
- Ideal for layout, color coding, fabrication and identification.
- Marks through oil and water.
- Marks on smooth, rough, rusty or dirty surfaces.
- For use on metal, wood, plastic, concrete, rubber, glass, cardboard and paper.
- Lead-free, non-toxic.
- Available in 3 sizes: standard (11/16"), fine (3/8"), and bold (1").
- B & B-1" Unit packaging: 12 of one color to a box.
- B-3/8" Unit packaging: 36 of one color to a box.

Size: 11/16" x 4-3/4"

Marking range: -50° F to 150° F (-46° C to 66° C)



Part No. 80220

Standard	Color
80220	White
80221	Yellow
80222	Red
80223	Black
80224	Orange
80225	Blue
80226	Green
80227	Pink
80228	Purple
80229	Brown
80230	Gray
80231	Gold
80232	Aluminum
82821	Flr. Yellow

Standard Case Quantity: 144

B-E® Paintstik® Marker

- Real paint in stick form.
- For marking forgings, castings, lumber, concrete, and other rough surfaces.
- Marks will withstand prolonged immersion in water.
- Lead-free, non-toxic.
- Long lasting, weather-resistant, fade-resistant.
- Unit packaging: 12 of one color to a box.

Size: 11/16" x 4-3/4"

Marking range: -50° F to 150° F (-46° C to 66° C).



Part No. 80620

Part No.	Color
80620	White
80621	Yellow
80622	Red
80623	Black
80624	Orange
80625	Blue

Case Quantity: 144

Paintstik® Markers

B-L® Paintstik® Marker

- Real paint in stick form.
- Bleeds through solvent or oil-based paints.
- For fabricating structural steel, or layout work where the marks are required to bleed through a primer coat covering the marks.
- To prevent bleeding through the finish coat, seal the marked areas with water-based epoxy paint.
- Unit packaging: 12 to a box.

Size: 11/16" x 4-3/4"

Marking range: -50° F to 150° F (-46° C to 66° C).



Part No. 80725

Part No.	Color
80725	Blue

Case Quantity: 144

BL-W® Paintstik® Marker

- Bleeds through water-based paints
- For fabricating structural steel or layout work where the marks are required to be seen through the primer coat covering the marks.
- For marking under solvent or oil-based primers use the BL Paintstik.

Size: 11/16" x 4-3/4"

Marking range: -50° F to 150° F (-46° C to 66° C).



Part No. 80735

Part No.	Color
80735	Blue

Case Quantity: 144

E® Paintstik® Marker

- Real paint in stick form.
- High intensity colors.
- For greater visibility in dimly lit areas.
- For coding, identification, layout and fabricating work.
- Long-lasting, weather-resistant, fade-resistant.
- Available in regular and king size.
- Unit packaging: 12 of one color to a box.

Size: 11/16" x 4-3/4" (regular) and 1" x 4-3/4" (king)

Marking range: -50° F to 150° F (-46° C to 66° C).



Part No. 88620

Regular Size

Part No.	Color
88620	White
88621	Yellow
88624	Orange
88625	Blue

Case Quantity: 144

F® Paintstik® Fluorescent Marker

- Real paint in stick form.
- Ultra high visibility fluorescent colors.
- For marking metal, wood, glass, concrete, rubber, cardboard, and paper.
- Marks through oil and water
- Ideal for layout, inspection, and color coding.
- Glows under a black light.
- Unit packaging: 12 of one color to a box.

Size: 11/16" x 4-3/4"

Marking range: -50° F to 150° F (-46° C to 66° C).



Part No. 82832

Part No.	Color
82831	Yellow
82832	Red
82834	Orange
82835	Blue
82836	Green
82842	Pink

Case Quantity: 72

FAST DRY Paintstik® Marker

- Real paint in stick form.
- Marks dry in 5 minutes.
- Ideal for marking in fabricating shops and assembly lines where immediate handling is necessary.
- For marking metal, wood, glass, plastic, concrete, rubber, cardboard, and paper.
- 3/8" size available.
- Unit packaging: 12 of one color to a box.

Size: 11/16" x 4-3/4" (regular) and 3/8" x 4-1/4" (king)

Marking range: -50° F to 150° F (-46° C to 66° C).



Part No. 82720

Part No.	Size	Color
82720	11/16"	White
82721		Yellow
82722		Red
82730	3/8"	White
82731		Yellow

Case Quantity: 72

Hot Surface Paintstik® Markers

- Real paint in stick form.
- Bright colors for higher visibility.
- Mark hot coils, billets, slabs, bars, ingots, etc.
- Marks will not run, char, discolor, peel or crack.
- Marks are weather and fade-resistant.
- Unit packaging: 144 of a single color to a case.



Part No. 81220



H Paintstik®

Size: 3/8" x 4-5/8"

Marking range: 150° F to 1200° F (66° C to 649° C).

H-T Paintstik®

Size: 3/8" x 4-1/2" (standard) and 3/4" x 4-5/8" (king)

Marking range: 250° F to 1600° F (121° C to 871° C).

HT-34 Paintstik®

Size: 3/8" x 4-1/2" (standard) and 3/4" x 4-5/8" (king)

Marking range: 400° F to 1800° F (204° C to 982° C).

HT-75 Paintstik®

Size: 3/4" x 4-5/8" King

Marking range: 150° F to 1000° F (66° C to 538° C).

Color	H Standard	H-T Standard	H-T King
White	81020	81220	81210
Yellow	81021	81221	-
Red	81022	81222	-
Black	81023	81223	-
Blue	81025	81225	-
Green	81026	81226	-
Brown	81029	-	-

Case Quantity: 144

Color	HT-34 Standard	HT-34 King	HT-75 King
White	84720	84710	84820

Case Quantity: 144

M® & M-10 Paintstik® Markers

- Real paint in stick form.
- Marks withstand annealing and heat treating operations.
- For welds, ingots, castings, forgings, and annealed parts.
- Will not come off in oil or water baths.
- Unit packaging: 12 of one color to a box.

Size: 11/16" x 4-3/4"

Mark at: room temperature

M withstands: 1600° F (871° C).

M-10 withstands: 1800° F (982° C).



Part No. 81920

Part No.	Color	Marker
81920	White	M
81921	Yellow	M
81922	Red	M
81923	Black	M
82020	White	M-10

Case Quantity: 144

N® Paintstik® Marker

- Real paint in stick form, dries overnight.
- Marks will not show through top coat of primer or finish layer of paint.
- Ideal for shipbuilding or other metal fabrication that will be given a final coat of paint.
- For marking metal, wood, glass, plastic, concrete, rubber, cardboard, paper, and ceramic.
- Will mark on wet, dry, rusty, icy, smooth and/or rough material.
- Unit packaging: 12 of one color to a box.

Size: 11/16" x 4-3/4"

Marking range: 0° F to 150° F (-18° C to 66° C).



Part No. 82121

Part No.	Color
82120	White
82121	Yellow
82123	Black

Case Quantity: 144

Paintstik® Markers / Lumber & Timber Markers

P Paintstik® Marker

- Real paint in stick form, non-drying.
- For marking steel prior to galvanizing process.
- Marks are completely removed in the pickling bath and will not interfere with the galvanizing process.
- Unit packaging: 12 to a box.

Size: 11/16" x 4-3/4"

Marking range: -50° F to 150° F (-46° C to 66° C).



Part No. 83420

Part No.	Color
83420	White

Case Quantity: 144

QUIK STIK® Paintstik® Marker

- Smooth marking, fast drying paint. Marks dry in 5-7 minutes.
- Bright, bold fade-resistant colors.
- More marks for the money, 20% longer life than other brands.
- Plastic holder with self-storing cap prevents breakage, keeps hands and clothing clean.
- Stick advances by turning twist-up knob.
- Marks on virtually any surface-metal, glass, plastic, wood, cardboard, paper, etc.

Marking range: 0° F to 140° F (-17° C to 60° C).



Part No. 61068

Part No.	Color
Carded: 1/Card	
61063	Red
61064	Black
61067	White
61068	Yellow

Case Quantity: 24

Part No.	Color
Bulk: 12 of one color to a box	
61049	Red
61050	Black
61051	White
61053	Yellow
61069	Green
61070	Blue
61071	Orange
61073	Purple

Case Quantity: 72

WS 3/8" Paintstik® Marker

- Water soluble for easy removal.
- Smaller diameter for finer line marking.
- Ideal for the temporary marking of plastics, glass, painted metal surfaces, polished aluminum, car bumpers, and exotic metals.
- Unit packaging: 36 of one color to a box.

Size: 3/8" x 4-1/4"

Marking range: -50° F to 150° F (-46° C to 66° C).



Part No. 82420

Part No.	Color
82420	White
82421	Yellow
82422	Red
82423	Black

Case Quantity: 144

Lumber Crayon #200

- Wax based.
- Known as layout chalk or "keel".
- Use on lumber, concrete, metal, plastic, rubber, paper, cardboard, and ceramics.
- Standard 1/2" hexagon shape fits the #109 Peterson holder, #106 holder and #108 holder.
- Lead-free.
- Unit packaging: 12 of one color to a box.

Size: 1/2" hex by 4 5/8" long

Marking Range: -50° F to 150° F (-46° F to 66° C).



Part No. 80350

Part No.	Color
Bulk: 12 of one color to a box	
80350	White
80351	Yellow
80352	Red
80353	Black
80354	Orange
80355	Blue
80356	Green

Case Quantity: 144

Lumber Crayon #500

- Also known as layout chalk or “keel”.
- Longer lasting than ordinary crayons.
- Makes weather-resistant, water-resistant marks.
- Lead free.
- Marks on concrete, wood, metal, plastic, rubber, paper, cardboard and ceramics.
- Standard 1/2” hexagon shape fits the #109 Peterson holder, #106 holder and #108 holder.
- Unit packaging: 12 of one color to a box.



Part No. 80321

Size: 1/2" x 4-5/8"

Marking range: -50° F to 150° F (-46° C to 66° C).

Part No.	Color
80320	White
80321	Yellow
80322	Red
80323	Black
80324	Orange
80325	Blue
80326	Green
80328	Purple

Case Quantity: 144

UltraScan® Lumber Grade Marker

- New polymer formula results in improved character recognition.
- Can color separate up to six graders on one shift.
- All colors are specifically designed to read on the Lucidyne and other grade mark readers.
- One temperature formula eliminates need for multiple hardnesses.
- Up to twice the writing life of conventional fluorescent crayons.



Part No. 82433

Size: 11/16" X 4-3/4" round

Part No.	Color
82431	Magenta 21
82433	Orange 41
82434	Berry 51
82435	Lime 61
82439	Dark Orange 42
82441	Green 62
82442	Rust 13
82443	Salmon 23
82444	Hot Pink 33
82469	Tan 45

Case Quantity: 72

Scan-It Plus® Fluorescent Crayon

- Certified to meet the specifications of Lucidyne ColorScan® Grade Mark Readers.
- Each batch tested on Lucidyne ColorScan® Grade Mark Reader.
- Works on wet or green wood, as well as wood that contains pitch and sap.
- Extremely accurate readability lowers your operating costs.
- 14 fluorescent colors available in 3 hardnesses (soft, medium and hard).



Part No. 82658

Size: Round (11/16" X 4-5/8").

Marking Range: -20° F to 130° F (-29° C to 54° C).

Part No. (Soft)	Color
82635	Blue Moon
82636	Orange Sherbet
82637	Watermelon Red
82638	Red Cedar
82645	Pink Lightning
82658	Lime Green
82659	Lemon Yellow

Railroad Chalk

- Ideal for making temporary marks on most surfaces.
- Marks on metal, wood, concrete, cardboard, rubber, plastic, etc.
- The easy-to-hold 4" x 1" tapered shape makes broad, easy-to-read marks.
- Unit packaging: 144 per box. Packed 4 one gross boxes per case to prevent breakage during shipping.



Part No.	Color
80500	White
80501	Yellow
80502	Red
80505	Blue
80506	Green

Sold per gross

Metal and Multiple Surface Markers

Metal Markers

- Specially-formulated polyurethane paint to provide permanent marking under almost any condition.
- Marks remain bright, clear and legible even on material that will be stored outside for long periods of time or material that will receive heavy abuse.
- Marks on all metals, wood, rubber, glass, etc.
- Writes on any surface: rough, smooth, rusty, wet, oily or dry.
- Marks withstand heat and weathering; they won't chip, peel, fade or rub-off.
- Available in lead-free, high-gloss colors, and in 3 point sizes.



High Temperature Metal Markers

- Marker provides legible markings at temperatures as high as 2100° F (1150° C).
- Marks on any surface: rough, smooth, wet, oily or dry.
- Available in 2 lead-free colors with a 1/8" point size.



Metal Markers

Color	5/64"	1/8"	3/16"
White	MMWHF	MMWHM	MMWHB
Yellow	MMYEF	MMYEM	MMYEB
Black	MMBKF	MMBKM	MMBKB
Red	MMREF	MMREM	MMREB
Blue	MMBUF	MMBUM	MMBUB
Green	MMGNF	MMGNM	MMGNB
Orange	MMORF	MMORM	MMORB
Brown	MMBRF	MMBRM	MMBRB
Pink	MMPIF	MMPIM	MMPIB
Purple	MMPUF	MMPUM	MMPUB
Gray	MMGYF	MMGYM	MMGYB

High Temperature Metal Markers

Part No.	Color
HTWHM	White
HTBKM	Black

Low Chloride Stainless Steel Markers

- Specifically designed to safely mark metals which are attacked by halogens and low melting metallics.
- It will not impart contaminants that could cause cracking or weakening of the metal, especially with heat applications, such as welding or cutting.
- Marks on rough, smooth, wet, oily or dry surfaces.
- Marks withstand heat and weathering; they won't chip, peel, fade or rub-off.
- Meets most specifications for stainless steel and nuclear components. Independent laboratory certifications of analysis are available for each marker.



Metal Markers

- Available in multiple colors and 3 point sizes.

Feltip Paint Markers

- Available in 4 bright, high gloss colors
- Long lasting replaceable 1/8" fiber tips.



Fine Point Ink Markers

- Uses capillary action to dispense a very fast-drying ink.
- Draws very fine lines
- Available only in black.



Metal Markers

Color	5/64"	1/8"	3/16"
White	LCWHF	LCWHM	LCWHB
Yellow	LCYEF	LCYEM	LCYEB
Black	LCBKF	LCBKM	LCBKB
Red	LCREF	LCREM	LCREB

Feltip Paint Markers

Part No.	Color
LCFPBK	Black
LCFPRE	Red
LCFPWH	White
LCFPYE	Yellow

Fine Point Ink Markers

Part No.	Color
LCFIMBK	Black

Solid Paint Markers

- Solid sticks of paint protected by an unbreakable plastic case.
- Can conveniently and cleanly be carried in your pocket.
- Plastic case prevents the paint from drying out.
- Case allows you to use the entire stick without needing a separate holder.
- Marks on metal, wood, plastic, glass, cardboard, textiles, etc. Writes on any surface: rough, smooth, wet, oily or dry. Even marks under water!
- Marks will not run. Marks are permanent; they won't chip, peel, fade or rub-off.
- Withstands heat weathering under adverse conditions.
- If desired, marks can be removed from non-porous surfaces with standard industrial solvents.
- Available in Standard (approximately 5/16" wide line) and Jumbo (approximately 1/2" wide line) versions.



Color	Standard	Jumbo
White	SPWHS	SPWHJ
Yellow	SPYES	SPYEJ
Red	SPRES	SPREJ
Black	SPBKS	SPBKJ

Silver Welder's Pencil

- Marks on raw metal for fine line layout work.
- Marks illuminate during cutting or welding without burning off like soapstone.
- Sold 3 per card.



Part No.	Color
OSWP	Silver

Metal Markers in a Bottle

- Marks on any surface: rusty, smooth, wet, dry or oily.
- Marks are durable, weather-proof and won't chip, peel, fade or rub-off.
- Fast-drying.
- Marker is refillable.



Part No.	Color
MBORM	Orange
MBWHM	White
MBYEM	Yellow
MBREM	Red
MBBKM	Black
MBBUM	Blue
MBGNM	Green

Super Fine Metal Markers

The Super Metal Marker is an unbreakable plastic tube filled with paint and features a precision stainless steel tip for precise very fine line marking. The easy to use marker can be conveniently carried in your pocket or tool box.

- Marks on metal, wood, plastic, glass, cardboard, etc.
- Marks on wet, oily or dry surfaces.
- Available in a variety of colors individually or in bulk (dozen).



Part No.	Color	UM
1296-1323	Black	1 per card
1296-1295	White	1 per card
1296-1324	Yellow	1 per card
1296-1326	Red	1 per card
1296-1500	Blue	1 per card
1296-1600	Green	1 per card
1296-1700	Neon Orange	1 per card
1296-1800	Neon Red	1 per card
1296-1900	Neon Yellow	1 per card

Bulk

Part No.	Color	UM
1323	Black	Dozen
1295	White	Dozen
1324	Yellow	Dozen
1326	Red	Dozen
1500	Blue	Dozen
1600	Green	Dozen
1700	Neon Orange	Dozen
1800	Neon Red	Dozen
1900	Neon Yellow	Dozen

Blue Layout Fluid

A convenient 10 oz. aerosol spray that dries quickly to a deep blue, non-reflecting surface that won't chip, peel or rub-off. It eliminates glare, prevents eyestrain and makes scribed lines stand out sharp and clear.

Part No. 00BL



Feltip Markers

Feltip Paint Markers

- Fast-drying, high-gloss enamel paint for permanent marking, lettering, coding and numbering of both interior and exterior surfaces.
- Markers are easy-to-use and convenient to carry in your pocket.
- Marks on almost anything: metal, plastic, printed circuit boards, glass, wood, paper, leather, textiles, etc. Writes on any surface: porous, non-porous, rough, smooth, wet, oily or dry.
- Marks are permanent; they won't chip, peel, fade, or rub-off.
- Unique precision valve accurately meters flow, so the right amount of paint passes through the tip.
- Available in eight high-gloss, lead-free colors.



Color	Standard	Fine Line
White	FPWHM	FPWHF
Yellow	FPYEM	FPYEF
Black	FPBKM	FPBKF
Red	FPREM	FPREF
Blue	FPBUM	FPBUF
Green	FPGNM	FPGNF
Orange	FPORM	FPORF
Silver	FPSIM	FPSIF

Replaceable fiber tips (pkg. of 10):

Part No. RTTEM- Standard

Part No. RTMAF- Fine Line

Jumbo Feltip Paint Marker

The Nissen Jumbo Feltip Paint Marker makes bold marks with a fast-drying, high gloss enamel paint for permanent marking.

- Marks on metal, plastic, glass, etc. writes on any surface; porous, non porous wet, oily or dry.
- Marks are permanent: they won't chip, fade, peel or rub off. They withstand heat and weather.
- Precision valve accurately measures paint flow.
- Marker produces markers of 5/16", 1/8" and 1/16".



Part No.	Color
FPWHJ	White
FPYEJ	Yellow
FPREJ	Red
FPBKJ	Black
FPBUJ	Blue
FPGNJ	Green
RTARJ	Replacement tips

Detergent Removable Feltip Paint Marker

The Nissen Detergent Removable Feltip Paint Marker produces paint marks which can be removed from nonporous surfaces with detergent.

- Marks on metal, plastic, glass, etc.
- Marks can be completely removed for painting or coating.
- Marks are weather resistant.
- Paint is fast drying.



Part No.	Color
DRFPWH	White
DRFPYE	Yellow
DRFPRE	Red
DRFPBK	Black
DRFPBU	Blue
DRFPGR	Green
RTAR	Replacement tips

Water Removable Feltip Paint Marker

The Nissen Water Removable Feltip Paint Marker produces paint marks which can be removed from nonporous surfaces with plain water.

- Marks on metal, plastic, glass, etc.
- Marks can be completely removed for painting or coating.
- Paint is fast-drying.



Part No.	Color
WRFWH	White
WRFPYE	Yellow
WRFPRE	Red
WRFPBK	Black
WRFPBU	Blue
WRFPGN	Green
WRFPGR	Replacement tips

Feltip Ink Markers

- Markers will permanently mark on almost any surface: cardboard, wood, metal, paper, plastic, glass, etc.
- Will last 8 to 10 times as long as the typical felt tip marker, because the entire marker barrel is filled with ink, not fiber stuffing.
- Markers make durable weatherproof marks.



Broad Tip	Color
FIBKB	Black
FIREB	Red
FIBUB	Blue
FIGNB	Green

Replacement tips (pkg. of 10):

Part No. RTMAB- Broad Tip

Metal and Multiple Surface Markers / Lumber Crayons

Solid Barrel Metal Markers

The Nissen Solid Barrel Marker uses an unbreakable aluminum barrel, stainless steel point and unique pump mechanism to dispense high quality, permanent paint. The marker is convenient to carry in your pocket.

- Marks on metal, wood, glass, plastic, etc.
- Writes on any surface: rough, smooth, rusty, wet, oily or dry.
- Marks withstand weathering: they won't peel, chip or rub off.
- Markers are economical.
- Available in 7 lead-free, high gloss colors and 3 point sizes.



Color	3/64"	3/32"	1/8"
White	SBWHF	SBWHM	SBWHB
Yellow	SBYEF	SBYEM	SBYEB
Black	SBBKF	SBBKM	SBBKB
Red	SBREF	SBREM	SBREB
Blue	SBBUF	SBBUM	SBBUB
Green	SBGNF	SBGNM	SBGNB
Orange	SBORF	SBORM	SBORB

Penamark-S

The Nissen Penamark-S is a stick of paint in a solid form designed especially for fabricators. Marks placed on bare metal will bleed through the oil-based primer and remain visible. The penetrating action can be stopped, so as not to bleed through the final coating.

- Marks on any surface: rough, smooth, wet, oily or dry.
- Available only in blue.
- Size is 11/16" x 4-1/2"

Part No. OPMS



High Temperature-S and Very High Temperature-S

The Nissen High Temperature-S and Very High Temperature-S Markers are sticks of paint in a solid form designed to mark hot surfaces ranging from 150° F to 1200° F (high) and 250° F to 1600° F (very high).

- Marks will not run, peel or discolor.
- Marks withstand weathering.
- Markers are economical.
- Available only in white.
- Size is 9/16" x 5"

Part No. OHTS- High Temperature-S

Part No. VHTS- Very High Temperature-S



Marker-A Markers

The Nissen Marker-A is a stick of paint in a solid form in a cardboard holder.

- Marks on metal, wood, plastic, glass, cardboard, textiles, etc.
- Marks on any surface: rough, smooth, wet, oily or dry.
- Marks are permanent; they won't chip, peel, fade or rub off. They withstand heat and weathering.
- Markers are economical.
- Available in eight fast-drying, lead-free colors.
- Size is 11/16" x 4-7/8"



Part No.	Color
MAWH	White
MAYE	Yellow
MABK	Black
MARE	Red
MABU	Blue
MAGN	Green
MAOR	Orange
MAAL	Aluminum

Lumber Crayons

This crayon will make durable, waterproof marks on wood, stone, metal, concrete, plastic, cardboard, rubber, etc. The special formula will last much longer than wax or a chalk crayon.

- 4-1/2" x 1/2" hexagonal shape.
- Five bright, lead-free colors.
- Packed 12/box



Part No.	Color
LUWH	White
LUYE	Yellow
LUBK	Black
LURE	Red
LUBU	Blue

Soapstone / Pocket Scribe / Pencils

White-Line™ Soapstone and Soapstone Holders

1 Select, Natural Grade

- The finest quality soapstone available in the world.
- All white texture for excellent marking quality.
- Grain cut to ensure good strength and long service life.
- Marks will not contaminate welds and are easily removed.
- Low water content for increased hardness and resistance to breakage.



Soapstone Holders

All holders come with our #1 select soapstone

- Stainless steel body, aluminum knob.
- Steel nut holds # 1 select soapstone firmly.
- Comes with pocket clip.

Part No.	UPC No. 0 27719	Description	UM	Ctn.
NS-16	01310 7	Flat soapstone, bulk	144 pcs./pack	12/288
WL-F5-6	00527 0	Flat soapstone	6 pcs./card	10
WL-512	01430 2	Flat soapstone holder	1 per card	1
WL-512-B		Flat soapstone holder, bulk	case pack	100
NS-16A	01311 4	Round soapstone, bulk	144 pcs./pack	12/432
WL-R5-10	00532 4	Round soapstone	10 pcs./card	10
WL-514	01431 9	Round soapstone holder	1 per card	1
WL-514-B		Round soapstone holder, bulk	case pack	100
NS-16B	01312 1	Square soapstone, bulk	144 pcs./pack	12/432
WL-S5-10	00537 9	Square soapstone	10 pcs./card	10
WL-516	01343 5	Square soapstone holder	1 per card	1
WL-T5	00533 1	Thin line soapstone, bulk, 1/16	144 pcs./pack	12/432
WL-T5-10	00538 6	Thin line soapstone, 1/16	10 pcs./card	10
WL-518	00528 7	Thin line soapstone holder, 1/16	1 per card	1

Pocket Scribe

- Lightweight, yet strong aluminum handle.
- Sharp tungsten carbide tip cuts into hard surfaces, leaves clear marks on metal, glass, plastic, tools etc.
- Comes with protective tip cover- protects against damaged points, torn cloth and punctured fingers.
- Handy pocket clip.
- 10 per carton.

Part No. ES-4 (UPC No. 0 27719 01438 8)



Pencils

Verithin® 700 Series Pencils

This quality thin lead colored pencil features a high strength lead that won't snap under normal writing pressure. Dense structure of pigments provide vivid colors that won't smear or fade.



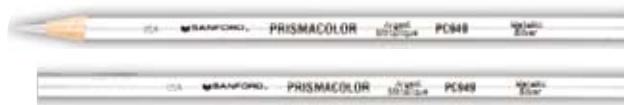
Part No. 700 Series

Part No.	Description	UM
0734	White	Ea
0735	Canary yellow	Ea
0739	Peacock green	Ea
0741	Indigo blue	Ea
0745	Crimson red	Ea
0747	Black	Ea
0753	Silver	Ea

*12 per box **Other colors available

Prismacolor® 900 Series Art Pencils

A true fine art medium used by commercial and fine artists throughout the world. Thick, soft leads made with permanent pigment are smooth, slow wearing, blendable, water resistant and extremely lightfast.



Part No. 0949

Part No.	Description	UM
0915	Lemon	Ea
0923	Scarlet	Ea
0949	Silver	Ea

*12 per box

China Markers

The ultimate in contrast marking. High quality, smooth writing all-purpose marker. Features high dynamic strength, moisture resistance, and safe pigments. Marks on any porous or nonporous material. Especially suited for writing on china, glass, metal, plastics, etc.



Part No. 173T

Part No.	Description	UM
164T	White	Ea
170T	Bright yellow	Ea
173T	Black	Ea
174T	Bright orange	Ea

*12 per box

Uni-Paint Markers

- Opaque oil-based paint marker



Part No. 63613



Part No. 63743

Standard

Part No.	Description	UM
63601	Black	Ea
63602	Red	Ea
63603	Blue	Ea
63605	Yellow	Ea
63607	Orange	Ea
63613	White	Ea

Broad

Part No.	Description	UM
63701	Black	Ea
63703	Blue	Ea
63707	Orange	Ea
63732	Red	Ea
63735	Yellow	Ea
63743	White	Ea

Paintpen™ / Scriber Tools

Tempil™ Paintpen™

Tempil™ Paintpen™ is a valve action felt tip marker. Paintpen™ waterborne acrylic paint formulations are in compliance with CONEG regulations, Clean Air Act, SARA legislation and California VOC regulations.

Tempil paintpen

- Contains NO solvents and NO ODC's.
- Tip is washable, can't dry out.
- Simply shake well; gently depress tip until saturated with paint. There is no ball point to freeze.
- Permanently marks metals, plastic, wood, cardboard, glass, and most other surfaces - even wet or oily. It is non-hazardous, non-flammable and environmentally safe. It is waterproof and quick drying.
- Available in 4 bright lead-free colors (black, red, white, yellow).
- 12 markers per box/ 144 per case.



Part No.	Description
TPPBLK	Paintpen Black
TPPRED	Paintpen Red
TPPWHT	Paintpen White
TPPYEL	Paintpen Yellow

Scriber Hooks and Picks



RELEASE OR INSTALL HEADLIGHT SPRINGS.



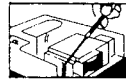
REMOVE SMALL FUSES, STUCK PARTS.



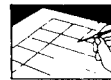
SEPARATE SMALL WIRES IN AWKWARD PLACES.



RETRIEVE LOST NUTS, BOLTS, WASHERS, TOOLS FROM TIGHT AREAS.



REMOVE SPRINGS FROM OIL BURNER RELAY BOXES.



FOR DIE LAYOUTS.



Scriber has straight and 90° angle points for marking in awkward places.

Heat-treated, bright polished, high carbon needle steel points. For the technician or craftsman who needs a sharp marking tool that works in cramped quarters, as well as, in regular applications. Knurled aluminum handle gives sure grip.

- Double Pointed Scriber
- Overall length 9-1/2"
 - Std. pkg. 1 dz.
 - Pkg. wt. 1 lbs., 2 oz.
- Part No. 1810**



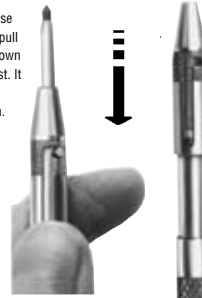
Hook is used for removing springs, wadding, washers, "O" rings — prying stuck gaskets loose.

Handy steel hook for any tool box; repairmen, technicians, service personnel. 7" long, has strong steel shaft and hook, knurled aluminum handle. Magnetic end retrieves dropped nuts, bolts, washers and other ferrous parts.

- Utility Packing Hook with magnetic pick-up handle
- Overall length 7"
 - Std. pkg. 1 dz.
 - Pkg. wt. 15 oz.
- Part No. 1820**



To expose tip just pull cover down and twist. It locks in position.



To protect tip just turn cover clockwise. It automatically "clicks" shut!

Sharp tungsten carbide tip cuts into hard surfaces, leaves clear mark on metal, glass, plastics and tools.

All-in-one "Push-Click" SAFETY COVER on tungsten carbide with magnetic pick-up.

- Pocket Scriber
- Overall length 5-7/16"
 - Std. pkg. 1 dz.
 - Pkg. wt. 15 oz.
- Part No. 1830**

The Indexable

- Quality construction for durability and appearance.
- Strengthened pocket clip remains at pocket level.
- Non-corrosive channel with brass indexing trigger provides superior sliding action.
- Practical design allows for one-handed operation to ensure easy use.
- Brass trigger depresses and slides to proper alignment hole and snaps back to lock in position.
- Complete package comes with a 3/16" x 1/2" x 5" #1 select soapstone.
- Available skin-packed with four additional soapstone refills.

Part No. 400-1

Part No. SP-400-1- Skin-packed

Part No. SP-500-F- Flat carded (without holders)

Part No. SP-900-R- Round carded (without holders)



Part No. 400-1

The Gripper

- Sleek brass case with contrasting cap and pocket clip enhances appearance.
- Locking cap allows accurate adjustments for closer marking control.
- Slim design provides better visibility in the marking area.
- Inner sleeve collet securely holds the soapstone and also adjusts to grip uneven and undersized soapstones.
- Complete package comes with a 1/4" x 5" #1 select soapstone.
- Available skin-packed with four additional soapstone refills.

Part No. 800-1

Part No. SP800-1- Skin-packed



Part No. 800-1

The brand names you trust
when it comes to layout tools.



flange wizard®



Layout Tools

Welders & Pipe Fitters “Rap-Around”

- Double ruled so both the top and bottom surfaces can be used for layouts - **it is never upside-down!**
- Packaged in its own clear plastic tube to protect it between uses.
- 12 per case.



Part No.	Description		
	Size	W x L	Pipe Size
RA150	small	2-1/2" x 2'	1" to 3"
RA160	medium	4" x 4' *	3" to 6"
RA170	large	4" x 6' *	3" to 10"
RA177	x-large	4" x 7' *	4" to 12"
RA179	xx-large	4" x 9' *	6" to 16"
RA184	Special "4"	4" x length desired	
RA185	Special "5"	5" x length desired	
RA187	Special "7"	7" x length desired	

* 36" area imprinted with layout information.



Wrap-A-Round®

An inexpensive tool for marking straight lines around pipe, or for use as a straight edge. Made out of flexible gasket material, with good resistance to heat and cold.



All Wrap-A-Rounds® are available in two colors. These designate material type and service temperature. GG (Gray) material is used for high temperature applications up to 550° F. B (Black) material has a service temperature of up to 350° F. Both material types are asbestos free.

Extra small and special order sizes are unmarked. All other sizes are printed with a scale in inches, pitch chart, tangent chart and other useful markings. Wrap-A-Rounds® in 3.88" and 5.00" feature a metric scale and pitch chart.

B (black)		GG (gray)		Size	Dimensions Width / Length	Pipe Diameter
Part No.	Item No.	Part No.	Item No.			
0720-0001	150B	0720-0027	150GG	Ex-small	1.94" x 2'	1" to 3"
0720-0004	152B	0720-0028	152GG	Small	2.50" x 2'	1" to 3"
0720-0007	164B	0720-0029	164GG	Medium	3.88" x 4'	3" to 6"
0720-0010	176B	0720-0030	176GG	Large	3.88" x 6'	3" to 10"
0720-0013	177B	0720-0031	177GG	Ex-large	5.00" x 7'	4" to 12"
0720-0016	179B	0720-0032	179GG	Ex-large	5.00" x 9'	6" to 16"
0720-0019	184B	0720-0033	184GG	Special	3.88" x length desired	
0720-0022	185B	0720-0034	185GG	Special	5.00" x length desired	
0720-0025	187B	0720-0035	187GG	Special	7.00" x length desired	

Special lengths available up to a maximum of 375'.

Centering Heads

Curv-O-Mark® Centering Heads aid in the setting of center lines, establishing angles and marks for butt-ins, locating points inside pipes and tanks, laying out keyways and measuring declivity.

The Standard Model is used on pipe 1/2" diameter and larger. It has a 4" Y-type head and is fitted with an adjustable dial bubble protractor (DSL) and a manually operated hardened centering pin.

The Jumbo Centering Head is for pipe 1" diameter and up. It has an 8" Y-type head, and a DSL. A spring loaded hardened centering pin eliminates the need for a hammer. Just make the alignment and press the trigger.



Part No. 0721-0005

Part No.	Stock No.	Description
0721-0005	6	Standard Centering Head
0721-0006	7	Jumbo Centering Head

Multi-Trammel Heads

For reliable marking using standard 1/2" pipe, heads feature radius set points cast in alignment with marking pointers for easy setting. Each is equipped with 1/4" screws and squared on the back side for perpendicular alignment. The stationary head holds a 1/4" case hardened center point. The moveable head has a 1/8" steel scribe hardened to 59 rockwell. The chalk holder will accept round, square or flat soapstone crayon, pencil or steel point scribe. Marks from 1-1/2" circle to any diameter needed, depending on length of pipe used as a trammel bar.

Heads are made from durable aluminum. Each set weighs approximately 8 oz. An allen wrench, soapstone, scribe and pointer are included.



Part No.	Stock No.	Description
0721-0016	19	Multi-Trammel Heads

Contour® Marker

The Curv-O-Mark® Contour® Marker is a compact, time-saving tool used to lay out pipe and structural steel joints. Laterals at any angle, tees, crosses, elbows—any type or size of joint can be quickly and precisely laid out. No more complicated mathematical formulas. No more cut and try. No more needless material waste.



Part No. 0721-0000

The Contour® Marker can be used to lay out pipe from diameters of 1-1/2" to 18", or structural steel members up to 18".

The Contour® Marker consists of an X-shaped frame, calibrated protractor, and a triple-jointed marking arm and holder. The holder accepts a soapstone crayon (included), felt pen or pencil. The frame easily folds into a compact tool that fits into a pocket or carrying case. It can be used right side up or upside down, depending on the direction of the line to be scribed. The protractor is calibrated on both sides— one in degrees, the other in rise-inches-per-foot to service any type of measurement need (Part No. E1019-625).

The Contour® Marker is made from durable, lightweight aluminum. It requires minimal maintenance, only occasional oiling of the joints, to provide long service life.

Part No.	Stock No.	Description
0721-0000	1	Standard marker w/structural adaptor

Jumbo Contour® Marker

A larger version of the Contour® Marker, the Jumbo Contour® Marker (JCM) has been developed for use in the layout of large diameter pipe, from 8" to 48". With its structural adaptor, the JCM can be used in the layout of extremely large structural steel members up to 48 in. wide.



Part No. 0721-0003

The JCM comes complete with a durable web strap that helps hold the unit in place during layout. A built-in adjustable dial bubble protractor ensures accurate center-line location. A soapstone crayon is included.

Like the standard model, the JCM's capability can be increased with the combination adaptor accessory.

Part No.	Stock No.	Description
0721-0003	4	Jumbo marker

Radius Markers

Models are available in four sizes for scribing circles up to 80" diameter. All are a folding type design—the three smaller models will fit conveniently into a shirt pocket. All have sturdy friction joints to maintain rigidity and accuracy, and are made from lightweight, rustproof aluminum for long wear. A soapstone crayon is already installed in each radius marker.



The scribe holder will accept round square or flat soapstone crayon, pencil, or steel point scribe.

Part No.	Stock No.	Description
0721-0010	1208	Mini-up to 8" radius
0721-0011	1220	Small-up to 20" radius
0721-0012	1224	Standard-up to 24" radius
0721-0013	1340	Jumbo-up to 40" radius

Combination Adaptors

The unit comes with a structural adaptor designed to simplify the layout of structural joints, including i-beams, angles, channels, square tubing and similar shapes. The optional combination adaptor accessory allows the Contour® Marker to lay out joints on larger size pipe, as well as scribe compound angles with just one setting.

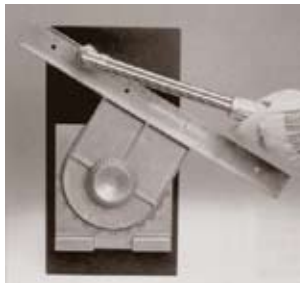
Part No.	Stock No.	Description
0721-0001	2	Standard combination adaptor
0721-0004	5	Jumbo combination adaptor

Layout Tools

Pro-Mag Burning Square

The Curv-O-Mark® Pro-Mag Burning Square is a precise tool used in structural thermal cutting and layout. The tool base is a perfect square containing powerful cast-in magnets. This permits placement in any position. The tool surface is embossed with a protractor inscribed with two 90° quadrants graduated in 1° increments. The top of the tool carries an 18" ruler blade divided in 1/8" increments.

The ruler can be locked in place at the desired angle setting by hand tightening of the adjustment knob. The ruler blade is on a raised plane. This permits its use as a straight edge when flame cutting, without distortion or marring. The blade will also accept attachments or extensions that allow an overall length up to 72". The Burning Square is made of cast aluminum.



Part No. 0721-0020

Magnetic Burning Guide

Designed for use with a burning torch or as a straight edge, the Burning Guide is cast of strong, durable material to withstand heat and spatter. The tool's base has three 30 lb. pull cast-in magnets for use in any position. A 24" blade on a raised plane is standard.



Part No. 0721-0025

Part No.	Stock No.	Description
0721-0025	28	Magnetic Burning Guide
Attachments for Pro-Mag Burning Square & Magnetic Burning Guide		
0721-0026	29	34" overall length (in two sections)
0721-0027	30	48" overall length (in two sections)
0721-0028	31	72" overall length (in two sections)

Fitter Welder Protractor

This 90° protractor has a matching locking lever to set and hold the tool at the desired angle. It is equipped with a 5/8" by 10" tapered arm to complete finding of angles or desired bends, or to determine any portions of elbows.

The tool is mounted in a 3/4" wide frame with a 3/8" by 6" cast-in rod. It comes with a 25 lb. pull magnetic base for holding the protractor frame in position. The unit can be used manually or with a magnetic base, as shown above.



Part No.	Stock No.	Description
0721-0008	9	Fitter welder protractor

Circle-Ellipse Projector

Perfect circles, ellipses or oblong circles can now be easily made on any irregular flat or round surface. The Projector features a protractor with sliding rods and an adjustable lever to lock in the specified layout. A strong, 20 lb. pull magnetic base holds the Projector in position during layout. A durable web strap (included) holds the unit secure on non-magnetic surfaces and can be used on either side of the vertical column. The Projector can also be used to lay out lateral intersections of different diameter pipes, or to project circles from 1-1/2" to 18" diameter on flat surfaces intersecting at angles from 0 to 70° from vertical. Attachments to develop larger diameter circles are available. The Projector is equipped with a soapstone crayon and also works with chalk, pencil or steel scribe.



Part No.	Stock No.	Description
0721-0014	14	Circle-Ellipse Projector

Universal Level

The Curv-O-Mark® Universal Level is a multi-purpose tool. The unit features a 360° adjustable protractor dial bubble (DSL) that ensures accurate leveling and permits the following additional uses:

- Setting a predetermined pitch of a string of pipe
- Setting the angle of laterals to a precise degree
- Trueing vertical runs
- Two-holing flanges



The level has two cast-in 25 lb. magnets (exerting a 50 lb. pull) to securely hold the unit in place on any steel surface, including the underside of a pipe or beam. This permits hands-free leveling, a welcome aid in tight spots. And, since the bubble is mounted on a protractor dial, the level may be used in any position and still read accurately.

While one face of the level is magnetic, both faces have deep, cast-in grooves that make the level self-centering on the contour of the pipe. Because the magnets are cast in, they do not interfere with the use of the level on nonmagnetic materials, such as aluminum, copper, lumber, stone or other materials requiring leveling.

For aligning pipe flanges (two-holing), the level comes with a two-threaded, self-aligning conical spacer and conical nut and bolt units. These are designed to fit any size bolt hole spaced between 2-1/4" to 8" centers on flanges. This permits the orientation of flange bolt holes for any size pipe.

Designed primarily for pipe fitting applications, the Universal Level is a valuable tool for any craft required to use a level or a plumb bob:

- For structural ironworkers, the powerful holding magnets provide an extra hand.
- Electricians will find the level useful in laying out and lining up heavy conduit.
- With the aid of a handy conversion chart, carpenters can use the level for the layout of roof rafters.

Part No.	Stock No.	Description
0721-0030	33	Universal Level

Dial-Angle Flange Level

A versatile tool that can be used as a dial degree utility level or, with attachments, for two-holing flange alignment.

The unit is made of cast aluminum with a protective housing containing an adjustable DSL. It is also fitted with a threaded, self-aligning conical spacer and conical nut and bolt units for fastening the level to a pipe flange. One of the nut and bolt units is stationary, while the other slides up to 5-1/2" along a slot in the level to accommodate various flange bolt hole spacings from 2" to 5-1/2".



The body of the tool is 1/2" thick with a machined surface. The level bubble is protected from weld splatter and breakage with a built-in housing around the DSL.

Part No.	Stock No.	Description
0721-0017	20	Dial-Angle Flange Level

Pro-Mag Level

A lightweight, easy to use tool for determining angles, the Pro-Mag Level has two cast-in 25 lb. pull magnets that hold securely to any steel surface. The unit has a 360° adjustable DSL with two 90° quadrants graduated in 2-1/2° increments. Also cast in are tables used to convert degree-of-angle to rise in inches per foot or millimeters per meter. A groove on the bottom edge permits use on a small pipe.

- 9" long
- 2" high
- 3/4" thick
- Made from cast aluminum



The unit is ideal for pipe fitter, welder, jig builder or anyone who has to determine angles or do setup work.

Part No.	Stock No.	Description
0721-0007	8	Pro-Mag Level

Layout Tools

Flange Aligner Base

Remove the difficulty of flange aligning and squaring with a simple tool that holds a square in the needed position without tying up one's hands.

The Curv-O-Mark® Aligner Base is notched at either end for ease in aligning on the center line of the pipe and has two 25 lb. pull, cast-in magnets for holding either a flat horizontal or vertical position. The base will accept either leg of a standard or combination square and will work on pipe diameters from 1" on up, requiring only the extension of the legs of the square being used to accommodate larger diameters.

The Flange Aligner Base is made from lightweight, durable aluminum.



Square not included

Part No.	Stock No.	Description
0721-0029	32	Flange Aligner Base

Pipe Flange Aligners

Fast, accurate pipe construction is possible with this self-determining flange aligning tool. The aligner inserts easily into pipe, centers snugly against the inside pipe diameter and automatically aligns with the pipe axis. The Pipe Flange Aligner is quickly adjustable for all types of flanges or pipe sizes ranging from 3" to 12" diameter.



Part No.	Stock No.	Description
0721-0009	10	Pipe Flange Aligner

11 Accessories and Replacement Parts

Centering Pin

A hardened steel pin for use with the Curv-O-Mark® Standard Centering Head. Suitable for marking, but should not be used as a center punch.

Part No. 0722-0001



Soapstone Holders

For protection of soapstone crayons, a choice of two, durable anodized aluminum cases are available. The design allows the use of over 90 percent of the crayon.

Part No. 0721-0023- Round crayon holder

Part No. 0721-0024- Flat crayon holder



Centering Bushing Set

Replacement Parts for 0721-0017 and 0721-0030.

- Dual Thread Bolt
- Spacer 5/16" x 16 threads
- Knob Nut 1/4" x 20 threads

Part No. 0722-0002



Dial-Set-Level

The DSL is an adjustable bubble protractor used with a number of Curv-O-Mark® tools (0721-0003, 0721-0005, 0721-0006, 0721-0007, 0721-0017, 0721-0030). The protractor covers 180° through two 90° quadrants, reading in 2-1/2° increments. The bubble is cast in the aluminum dial.

Part No. 0722-0000



Worker's Kit

- Packaged in an aluminum case.

Part No. 3014807



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

Flange Pins / Pipe Templates

Quick-Acting Flange Pins

Welding occurs in minutes with very little fit-up time. Just tilt the knob to bypass the flange pin threads, then straighten the knob to grip the threads for tight, positive clamping. Removal is just as quick and easy. Loosen the knob, tilt it and remove. Endless threading and unthreading of the flange pins has been eliminated. H&M's precision, conical flange pins provide perfect centering on 5/8" to 1-1/2" bolt holes.

Part No. QAFP (Mild Steel)

Part No. QAFP-S (Stainless Steel)



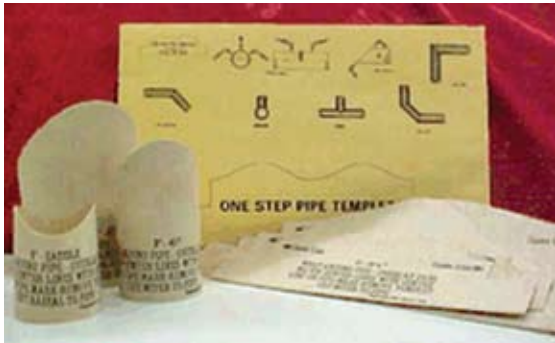
Part No. QAFP (Mild Steel)



Pipe Template Sets

The complete wrap around templates from 1" to 42" pipe, with simple instructions imprinted on each template. There are 2 or 3 pipe sizes per set for diameters up to 6" and single pipe size templates for sizes 8", 10" and 12"

- Templates available for 22 1/2° angles, 45° angles and 90° risers or saddles for each pipe size listed below.
- Made of durable materials, so your templates will last and last for many uses.



Part No.0001

Part No.	Description	Pipe Size	O.D.	Wt. per Ft.
0000	For 1" to 1 1/2" pipe			
0114	For 1-1/4" pipe			
0001	For 2", 2-1/2" and 3" pipe	2"	2-3/8"	3.652
		2-1/2"	2-7/8"	5.790
		3"	3-1/2"	7.570
0002	For 4" and 6" pipe	4"	4-1/2"	10.790
		6"	6-5/8"	18.974
0008	For 8" pipe	8"	8-5/8"	28.544
0010	For 10" pipe	10"	10-3/4"	40.483
0012	For 12" pipe	12"	12-3/4"	48.995
0014	For 14" pipe	14"	14"*	53.941
0016	For 16" pipe	16"	16"*	61.746
0018	For 18" pipe	18"	18"*	69.753
0020	For 20" pipe	20"	20"*	77.619
0024	For 24" pipe	24"	24"*	93.509
0030	For 30" pipe	30"	30"*	117.267
0036	For 36" pipe	36"	36"*	141.017
0042	For 42" pipe	42"	42"*	164.640

* The O.D. of pipe does not change – on different wall thickness, only the I.D. changes.

Adjustable Pipe Templates

PipeMaster®

The PipeMaster® transfers the exact outline of the pipe joint in just seconds. Exact fit for all shapes at any angle. Use for penetration cuts as well.

- Spring temper stainless steel pins
- 6063 aluminum inner shell
- Rugged ABS housing



Step 1: Slip over pipe



Step 2: Push Down



Step 3: Transfer & Cut



Step 4: Ready to weld

Pipe and Tubing

Part No. *	Nominal Pipe Size	O. D.	
		Inches	mm
P-100	1"	1-5/16"	33.33
P-125	1-1/4"	1-5/8"	41.20
P-150	1-1/2"	1-7/8"	47.63
P-200	2"	2-3/8"	60.33
P-250	2-1/2"	2-7/8"	73.03
P-300	3"	3-1/2"	88.90
P-400	4"	4-1/2"	114.30
P-500	5"	5-9/16"	141.29
P-600	6"	6-5/8"	168.28
P-800	8"	8-5/8"	219.00
P-1000	10"	10-3/4"	273.00
P-1200	12"	12-3/4"	323.85

*Fits pipe and tubing sizes shown.

Tubing

Part No.	O. D.	
	Inches	mm
P-T050	1/2"	12.70
P-T0625	5/8"	15.87
P-T075	3/4"	19.05
P-T0875	7/8"	22.23
P-T100	1"	25.40
P-T1125	1-1/8"	28.58
P-T125	1-1/4"	31.75
P-T1375	1-3/8"	34.93
P-T150	1-1/2"	38.10
P-T175	1-3/4"	44.40
P-T200	2"	50.80
P-T250	2-1/2"	63.50
P-T2625	2-5/8"	66.68
P-T275	2-3/4"	69.85
P-T300	3"	76.20
P-T325	3-1/4"	82.55
P-T373	3-3/4"	95.25
P-T400	4"	101.60
P-T425	4-1/4"	107.95

PipeMaster® Kits



Part No. P-T3KIT

Part No.	Description
P-1KIT	1", 1-1/4", 1-1/2", 2" pipe tools*
P-T1KIT	1", 1-1/4", 1-1/2", 2" tubing tools*
P-T2KIT	3/4" - 2" (1/8" increments) tubing tools*
P-T3KIT	3/4", 7/8", 1", 1-1/4" tubing tools*
P-CDK	PipeMaster® counter display kit
P-SC	Stock car kit: 1-3/4", 1-1/2" tubing
P-TJ	Truck and Jeep kit: 2", 1-3/4" tubing
P-DR	Dragster kit: 1-5/8", 1-1/2"

* Kits include a rigid plastic case with a foam insert.

Fit Stix / Flange Adjustment

Fit Stix

The professional's tool for aligning steel sheet or plate. With only one hand and the Fit Stix, the welder can lift one steel sheet while pressing down the matching piece. The Fit Stix can even set the weld gap. Pipe welders can also use the Fit Stix on thin wall pipe.

- Rugged, lightweight, design.
- Comfortable grip.
- Drop forged alignment head.
- Heavy wall shank to resist bending.



Part No.	Description	Weight (Lbs.)
781850	#3 (for 1/8" plate thickness)	1
781860	#8 (for 5/16" plate thickness)	1.43
781870	#12 (for 1/2" plate thickness)	1.87

Flange Pins

Quick installing pins work as convenient reference points to level flange for tack and weld-out—no tools needed. Hardened tapered pins automatically center on 5/8" to 1-5/8" holes. Features Acme threads for maximum clamping power and hardened steel for long lasting use.

- **Weight:** 4 lbs. (1.8 Kg.)
- Part No. 780430-** ST-106 (sold as pair).



Adjust-A-Flange®

Fits all flanges for 5" pipe and larger with bolt holes 3/4" to 1-5/8". Used in combination with the Adjust-A-Fit® to bring pipe flanges to exact plumb for tack and weld out. Eliminate 75% of the hard work in pipe fitting when used with the Adjust-A-Fit® and Roust-A-Bout. Handles loads up to 1,000 lbs. Flange nuts serve as convenient reference points to check level.

- **Weight:** 11 lbs. (5.0 Kg.).
- Part No. 780425-** ST-105



Adjust-A-Fit®

Makes lining up fittings a trouble free, one man operation. Uses gravity to bring fittings to exact plumb or any angle up to 45°. Fastens directly onto fittings for loads up to 1,000 lbs. Threaded shaft assembly is hardened for long tool life. Cloverleaf set screw and threaded shaft handle work from either side.

- **Weight:** 11 lbs. (5.0 Kg.).
- Part No. 780420-** ST-104



TruCut™

Before a pipe is cut and welded, exact angles need to be marked. TruCut™ Pipe Guides make the process of layout and design simpler, faster, and more accurate with less wasted material. If you weld pipe, you should not be without these handy, reusable marking templates. It doesn't matter if you are a professional or a weekend welder. These simple, but useful marking tools will put more precision into all of your projects.

- Available in two packaging options.
- Painted the universally recognized "safety yellow" for optimal customer attention.
- Ideal marking tool for cutting pipe.
- Reusable, quality materials, affordable.
- Made of durable 16 gauge steel.
- No mistakes—saves time and trouble.
- Assures perfect cuts every time.
- For saddle /90/ 45/ 22.5 degree.
- Avoids wasted material.
- Made in the USA.



Part No.	Description	O.D. Pipe Fit	Units/Box
Single Packs			
SP238-S	Saddle & 90°	2-3/8"	1
SP278-S	Saddle & 90°	2-7/8"	1
SP238-45	45° & 22.5°	2-3/8"	1
SP278-45	45° & 22.5°	2-7/8"	1
Display Case Packs			
CP238-S	Saddle & 90°	2-3/8"	12
CP278-S	Saddle & 90°	2-7/8"	12
CP238-45	45° & 22.5°	2-3/8"	12
CP278-45	45° & 22.5°	2-7/8"	12