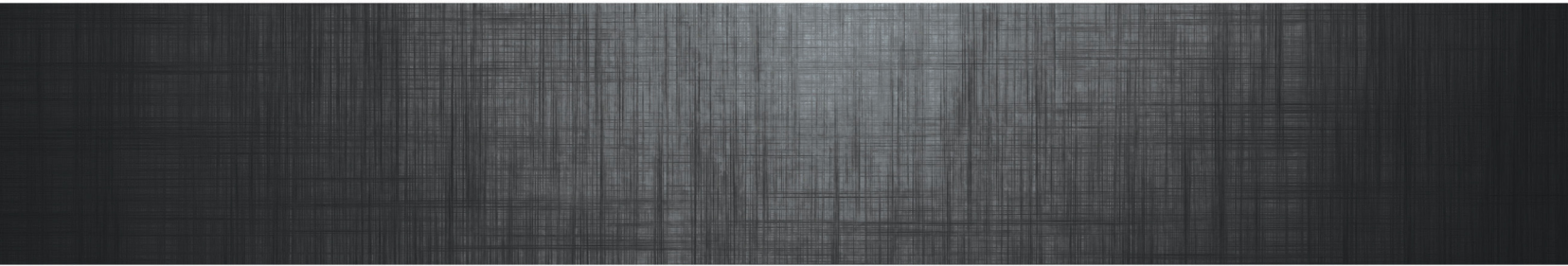


# MEASURING & LEVELING TOOLS

Industrial Safety Welding Oilfield Construction

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 brown & sharpe.

## DIAL-CAL® Inch Calipers

### Features:

- Inside, outside, depth and step measurement

- Includes Declaration of Conformity, Case

**Range/ Revolution:** 0.1 in

**Graduation(s):** .001 in

**Upper Jaw Type:** Plain Jaw

**Lower Jaw Length:** 1 1/2 in

**Lower Jaw Type:** Plain Jaw

**Display Type:** Dial

**Measurement Type:** Depth; Inside Dimension;

Outside Dimension; Step



SKU	Accuracy	Upper Jaw Length
137-599-579-4	±0.0012 in	1 1/2 in



## Dial Calipers

### Features:

- Contrasting color coded dial is graduated in .01

- and 64ths with inch and mm on bar scale

- Fractional conversion table on back

**Upper Jaw Type:** Plain Jaw

**Lower Jaw Type:** Plain Jaw

**Display Type:** Dial

**Measuring System:** Inch/Metric

**Measurement Type:** Depth; Inside Dimension;

Outside Dimension; Step



SKU	Range
318-142	0 in - 6 in

## Digital/Fraction Electronic Calipers

### Features:

- Large, easy to read LCD numbers

- On/Off and zero button

- Pocket clip

**Resolution (Length):** 0.01 mm; 0.0005 in

**Graduation(s):** 1/8, 1/4, 1/2, 1/16, 1/32, & 1/64 in.

**Upper Jaw Type:** Plain Jaw

**Lower Jaw Type:** Plain Jaw

**Display Type:** Digital LCD

**Measurement Type:** Depth; Inside; Outside; Step

**Includes:** Carrying Case



SKU	Range	Length	Height	Width
318-147	0 mm; 0 in - 150 mm; 6 in	11 1/2 in	1 1/2 in	4 1/2 in

## Precision Pencil Compass

### Features:

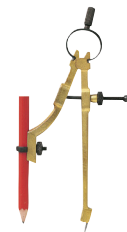
- Carpenter quality compass is made of long lasting

- die cast, rust resistant metal

- Adjustment is spring tension

**Range/ Revolution:** 8 in

**Material:** Metal



SKU
318-842



## 120 Series Dial Calipers

### Features:

- Knife-edge contacts for both inside and

- outside measurements

- One hand use with the thumb-operated,

- fine adjustment roll

- Lock screw for dial bezel

- Lock screw for holding the sliding jaw in

- position

- Positive, split-gear anti-backlash control

- Rack teeth point down to make it easy to shed foreign matter and

- thereby keep the area clean

**Graduation(s):** .001 in

**Lower Jaw Length:** 5/8 in

**Display Color:** White

**Includes:** Plastic Case



SKU	Range	Upper Jaw Length
681-64514	0 in - 6 in	1 1/2 in

## 26 Series Improved Firm-Joint Outside Calipers

### Features:

- An improved joint, designed so the tension can be adjusted

- The legs are made from a high-grade steel

- Tension does not change with opening and

- closing of legs

**Measurement Type:** Outside

**Material:** Steel



SKU	Length	Height	Width
681-50189	14.3 in	0.9 in	6.7 in

## 27 Series Improved Firm-Joint Inside Calipers

### Features:

- An improved joint, designed so the tension can be adjusted

- The legs are made from a high-grade steel

- Tension does not change with opening and closing

- of legs

**Measurement Type:** Inside

**Material:** Steel



SKU	Length	Height	Width
681-50196	13.8 in	1.3 in	1 1/2 in

## Starrett®

### 73 Series Inside Calipers

**Features:**

- Legs are made from flat stock
- High-grade steel construction
- Fulcrum stud is hardened and has a smooth bearing surface
- Strong, flexible bow spring

**Features:**

- Solid nut

SKU	Length
681-50342	12 in

**Features:**

- Quick-adjusting automatic-closing spring nut

SKU	Length
681-50343	12 in



### 79 Series Outside Calipers

**Features:**

- Legs are made from flat stock
- High-grade steel construction
- Fulcrum stud is hardened and has a smooth bearing surface
- Strong, flexible bow spring

**Measurement Type:** Outside

**Features:**

- Solid nut

SKU	Length
681-50372	12 in

**Features:**

- Quick-adjusting automatic-closing spring nut

SKU	Length
681-50373	12 in



### Electronic Slide Calipers

**Features:**

- Automatic shut-off after 5 minutes of non-use
- Last measuring position retained when shut off
- Integrated depth rod on all sizes
- Lock screw to hold the slide in position

**Resolution (Length):** 0.01 mm; 0.0005 in

**Display Type:** .32 in. High LCD

**Output:** Without

**Material:** Stainless Steel

SKU	Range	Length	Width
681-67410	0 in - 150 mm; 6 in	1.1 in	5 in



## Mitutoyo

### MyCAL-Lite Digital Calipers

**Features:**

- The "MyCAL-Lite" is an ideal measuring tool for DIY
- The LCD screen allows error-free readout of measurements
- Ideal measuring tool for DIY
- With depth measuring bar

**Graduation(s):** .001 in

**Display Type:** LCD

**Measurement Type:** Depth; Inside; Outside; Step

**Output:** No

**Tip Material:** Hardened Steel

**Usage:** Economical

SKU	Range	Accuracy
504-700-113-10	0 in - 6 in	.005 in (.2mm); ±.005 in



### Series 500 IP67 Digimatic Caliper

**Features:**

- Advanced design styling, easy-to-use-no need to clean
- Incorporates absolute measurement system
- Automatic power-on/off

**Outside Jaw Depth:** 1.6 in

**Inside Jaw Depth:** 0.65 in

**Resolution (Length):** 0.0005 in

**Graduation(s):** .0005 in

**Display Type:** Digital LCD

**Batt. Life:** 3 Years Under Normal Use

**Measuring System:** Inch/Metric

**Measurement Type:** Depth; Inside; Outside; Step

**Output:** Without SPC

**Model:** Series 500

**Includes:** Carrying Case

SKU	Range; Range	Accuracy
504-500-752-10	0 in - 6 in	±.001 in; ±.001 in/0.02mm



### Series 500 Standard Type Digimatic Caliper

**Features:**

- Large and clear LCD readout
- The ZERO/ABS key allows the display to be Zero-Set at any slider position along the scale for incremental comparison measurements

**Graduation(s):** .0005 in

**Output:** Without SPC

**Case Material:** Plastic

**Tip Material:** Hardened Steel

SKU	Range	Accuracy	Length
504-500-193	0 in - 12 in	±.0015 in	17.7 in



## Mitutoyo

### Series 500 Standard Type Digimatic Caliper with Thumb Roller

**Features:**

- Large and clear LCD readout
- The ZERO/ABS key allows the display to be Zero-Set at any slider position along the scale for incremental comparison measurements
- Thumb roller included

**Graduation(s):** .0005 in

**Case Material:** Plastic

**Tip Material:** Hardened Steel



SKU	Range	Accuracy	Output
504-500-171-20	0 in - 150 mm; 6 in	±.001 in	SPC
504-500-172-20	0 in - 8 in	±.001 in	SPC
504-500-173	0 in - 12 in	±.0015 in	SPC
504-500-196-20	0 in - 150 mm; 6 in	±.001 in	Without SPC
504-500-197-20	0 in - 200 mm; 8 in	±.001 in	Without SPC

### Series 505 Dial Calipers

**Features:**

- Lock screw for dial bezel and for holding the sliding jaw position
- New designed dial movement for ultra smooth sliding and high shock protection
- Titanium Nitride (Tin) coating is applied to the sliding surface to increase wear resistance

**Range/ Revolution:** 0.1 in

**Graduation(s):** .001 in

**Case Material:** Plastic Case

**Usage:** Dial Face

**Dial Reading:** 0-100

**Tip Material:** Hardened Steel



SKU	Range	Accuracy
504-505-675	150 mm; 6 in	±.001 in
504-505-677	0 in - 12 in	±.002 in



### Spring Joint Calipers

**Features:**

- Bow spring ensures uniform tension over working range
- Centrally mounted adjustment screw offers finer setting, than firm joint type

**Length:** 12 in

**Material:** Tool Steel



SKU	Measurement Type
525-51/12	Inside
525-52/12	Outside

## Mitutoyo

### Series 293 IP65 Digimatic Outside Micrometers

**Features:**

- Auto power ON/OFF function
- Certificate of inspection is included
- Measurement data output function is available with a water-resistant connection cable

**Graduation(s):** .00005 in

**Spindle Tip Type:** Flat

**Tip Material:** Carbide

**Output:** No

**Clutch Type:** Ratchet Stop



SKU	Range	Accuracy	Tip Diam
504-293-340	0 in - 1 in	±.00005 in	6.35 mm



### Laser Distance Measurers

**Features:**

- Continuous length mode automatically adjusts when walking off distances
- Four Measuring reference points front, center, back or swing-out extension pin
- Ideal for Installers of any kind or Realtors
- length, area, and volume measuring capability allows for square foot calculation to measure areas for tile, carpet, paint, or what ever square footage measurements are needed
- Pocket sized-only 4 in tall

**Includes:** Batteries; Belt Pouch

**Laser Wave Length:** 635 nm

**Measuring Time [Max]:** 4 s



SKU	Accuracy	Range
114-DLR130K	+/- 1/16 in	130 ft



### Infrared Thermometers w/Laser

**Features:**

- Ultra low power consumption in shutdown mode
- Backlit LCD display
- Switchable On/Off laser sighting
- Resolution: 0.5° F/0.5° C
- Distance to spot ratio: 8:1



SKU	Temp. Range	Length
318-IRT206	-4 °F; 0 °C - 318 °C; 605 °F	11 in

Industrial Safety Welding Oilfield Construction

## RIDGID

### Ridgid® Infrared Thermometers w/Laser

**Features:**

- 20 to 1 distance to spot ratio
- Bright backlit display
- Ergonomic pistol style grip
- High and low alarms
- Tripod mount capable
- Ultra sharp dual Class II lasers



SKU	Temp. Range	Accuracy
632-36153	-59 °F; -50 °C - 800 °C; 1,472 °F	±1%

## Tempil

### Tempil Infrared Thermometers

**Features:**

- 16:1 distance to spot ratio
- Four digit backlit dual display
- Laser sight switchable
- Electronic trigger lock for continuous measurement
- Low-battery indication and auto power off
- A built-in jack for a K-Type thermocouple probe

**Resolution (Angle):** 0.1 °

**Response:** 1 sec.

**Includes:** (3) AAA Alkaline Batteries



SKU	Temp. Range	Accuracy
719-IRT-16	-60 °C; -76 °F - 625 °C; 1,157 °F	±2%

## Starrett

### Tapered-Leaf Thickness Gages

**Features:**

- Steel case protects leaves
- Thickness marked on leaf
- Locking device securely locks 1 or more leaves in position
- Leaves easily removed or replaced
- For adjusting tappets, spark plugs, distributor points, checking bearing clearances and gear play, fitting pistons, rings and pins, and gaging narrow slots

**No. of Blades:** 26

**Measuring System:** Inch

**Material:** Tempered Steel

**Blade Thickness:** 0.0015 in - 0.025 in



SKU	Blade Width	Blade Length
681-50315	1/4 in - 1/2 in	3 1/32 in

## PROTO

### 25 Blade Long Feeler Gauge Sets

**Features:**

- Blades etched with both decimal size and metric equivalent

**Blade Thickness:** 0.0015 in; 0.002 in;

0.003 in; 0.004 in; 0.005 in; 0.006 in; 0.008 in; 0.009 in; 0.01 in; 0.011 in; 0.012 in; 0.013 in; 0.014 in; 0.015 in; 0.016 in; 0.017 in; 0.018 in; 0.019 in; 0.02 in; 0.021 in; 0.025 in; 0.027 in; 0.03 in; 0.04 in

**Measuring System:** Inch/Metric

**Includes:** Steel Holder



SKU	Blade Width	Blade Length
577-000TL	1/2 in	12 in

## GENERAL

### Sheet Metal Gages

**Features:**

- For gaging uncoated sheet metal, plate iron, and steel
- Gage numbers are U.S. standard 0 to 36, based on weights in ounces per square inch
- Decimal equivalents of each size are stamped on reverse side

**Thickness:** 3/32 in

**Material:** Steel



SKU	Dia.
318-21	3 1/4 in

## Starrett

### 579 Series Self-Centering Telescoping Gage Sets

**Features:**

- Handles are rigidly attached to the contact plungers and are automatically self-centering
- Two telescoping arms

**Includes:** Case; No. 579A, B, C, D, E



SKU
681-52617



## Replacement Gauges

### Features:

- One-piece threaded polycarbonate lens
- Cupped aluminum dial with white background and red and/or black markings

**Thread Size:** 1/4 in (NPT)

**Used With:** Regulators

**Case Material:** Brass



SKU	Dia.	Pressure
100-B2100	2 in	100 psi
100-B2200	2 in	200 psi
100-B230RL	2 in	30 psi
100-B2400	2 in	400 psi
100-B24000	2 in	4,000 psi
100-B25200	2 1/2 in	200 psi
100-B2530RL	2 1/2 in	30 psi
100-B25400	2 1/2 in	400 psi
100-B254000	2 1/2 in	4,000 psi



## Compression Gauge-PSI & Metrics

### Features:

- Quick Connect

**Connector Type:** Spark Plug Thread

**Display Type:** Dial

**Measuring System:** Inch/Metric

**Pressure:** 0 psi (tensile) - 300 psi (tensile)



SKU	Dia.	Connection Size
577-CTR10	2 1/2 in	14 mm - 18 mm



## Weld Fillet Gauges

### Features:

- Gauge is rust-proof and bend proof
- Die blanked to eliminate sharp edges and add to accuracy
- Permanently etched and black filled lettering for long life



SKU	Gauge Size	Size
100-NFG-7	22 gauge	1/8 in - 1 in



by Honeywell

## Weld Fillet Gages

### Features:

- Blades pivot for easy measuring of eleven most specific fillet dimensions
- Carry in pocket
- Etched increments standard and metric equivalents
- Fits in 4 1/2" x 2" case
- Measures concave or convex seams
- Stainless steel blades

**Material:** Stainless Steel



SKU	Size
280-WFG	1/8 in - 1 in



## Contour® Pipe Flange Aligners

### Features:

- Features slotted pins with "friction fitting" knurled nuts for flanges to 30" - 150 lbs
- All models of the Pipe aligner will two-hole (make 2 holes of the flange horizontally level with the ground) and vertically level the face of the flange in one step
- All models now come with 360° vials that just "snap" in and out for easy replacement
- The aligner inserts easily into pipe, centers snugly against the inside pipe diameter and automatically aligns with the pipe axis



SKU	Diam
430-14779	3 in - 12 in

## Flange Aligner Bases

### Features:

- The Curv-O-Mark® Aligner Base is notched at either end for ease in aligning on the centerline of the pipe and has two 25-pound pull, cast-in magnets for holder 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 on the legs of the square being used to accommodate larger diameters

**Material:** Aluminum



SKU	Diam
430-14795	1 in



## Pipe Flange Aligners

### Features:

- Features slotted pins with "friction fitting" knurled nuts for flanges to 30" - 150 lbs
  - All models of the Pipe aligner will two-hole (make 2 holes of the flange horizontally level with the ground) and vertically level the face of the flange in one step
  - All models now come with 360° vials that just "snap" in and out for easy replacement
  - The aligner inserts easily into pipe, centers snugly against the inside pipe diameter and automatically aligns with the pipe axis
- Pin Type:** Threaded



SKU	Hole Diam
496-38240-T	1/2 in; 1 7/16 in
496-38240-TL	1/2 in; 1 15/16 in

## Two Hole Pins

### Features:

- Designed to be lightweight
- Material:** Alloy Steel



SKU	Hole Diam
496-42050-T	1/2 in; 1 7/16 in
496-42050-TL	1/2 in; 1 15/16 in
496-42050-TXL	5/8 in; 3 in

## SUMNER

### Qwik Pins

### Features:

- Quick installing pins work as convenient reference points to level flange for tack and weld-out — no tools needed



SKU	Hole Diam
432-781235	5/8 in; 1 5/8 in



## Proto® Inspection Mirrors

### Features:

- Versatile all-angle ball joint

**Shape:** Rectangular

**Handle Type:** Telescoping



SKU	Mirror/Magnifier Size	Length
577-2373	2-1/8 in x 3-1/2 in	11 1/4 in - 15 1/2 in

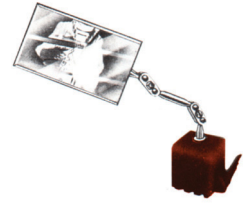


## Heavy Duty Inspection Mirrors

### Features:

- Heavy-duty with extra powerful magnetic base
- Perfect for welding in awkward places
- Mounts and adjusts in seconds to bring hidden areas into full view
- Quick change replaceable mirror

**Shape:** Rectangular



SKU	Mirror/Magnifier Size
758-MX-2	3 1/2 in x 2 1/8 in
758-MX	2-1/8 in x 3-1/2 in

## Lighted Inspection Mirrors

### Features:

- LED lights that can be adjusted to needed angle for inspection in tight dark areas
- Heavy-Duty grip will not slip in wet or oily hands

**Material:** Stainless Steel



SKU	#	Shape	Mirror/Magnifier Size	Bulb Type	Includes
758-HTC-2LT	1	Round	2-3/8 in Dia.	LED	
758-HTK-2LT	2	Rectangle	3-1/2 x 2-1/4 in	(3) LED's	(2) Lithium Batteries

## Pocket Telescoping Inspection Mirrors

### Features:

- Double ball joint links swivel mirrors for viewing to 360°
- Chrome Plated handle with handy pocket clip
- Replaceable clear glass mirror for perfect reflection

**Shape:** Round

**Handle Type:** Telescoping



SKU	Mirror/Magnifier Size	Length
758-A-2T	7/8 in Dia.	4 1/2 in - 18 in

## Telescoping Inspection Mirrors

### Features:

- Clear glass mirror for perfect reflection
- All-angle ball joint holds mirror firmly for 360° viewing
- Mirror encased in rugged corrosion resistant brushed stainless steel
- Stainless steel telescoping handle is strong, long, and lightweight
- Comfortable textured cushion grip keeps handle secure even in wet or oily hands

**Shape:** Round

**Handle Type:** Telescoping



SKU	Mirror/Magnifier Size	Length
758-HTS-2	3-1/4 in Dia.	6 1/2 in - 29 1/2 in
758-HTE-2	1-1/4 in Dia.	6 1/2 in - 35 in
758-HTC-2	2-1/4 in Dia.	6 1/2 in - 36 3/8 in

## Ullman Inspection Mirrors

### Features:

- Double ball joint links swivel mirrors for viewing to 360°
- Replaceable clear glass mirrors for perfect reflection
- Non-rotating inner hex rods on telescopic models prevent mirrors from swinging out of alignment when in use
- Insulated vinyl grip on all models



SKU	Shape	Mirror/Magnifier Size	Length
758-C-2	Round	2-1/4 in Dia.	10 in - 14 in
758-S-2	Round	3-1/4 in Dia.	11 in - 15 in
758-K-2	Rectangular	2-1/8 in x 3-1/2 in	11 1/4 in - 15 1/4 in

## Mirror Refills

### Features:

- All-angle ball joint holds mirror head tightly at any angle
- Non-rotating inner hex rod prevents mirror head from swinging out of alignment

**Shape:** Rectangular

**Replacement Parts**



SKU	Length	Width
758-K-2R	3 1/2 in	2 1/8 in



## Anchor Brand Magnetic Torpedo Levels

### Features:

- Durable vials
- Magnetic edge frees hands
- Solid aluminum frame with top read

**Vial Positions:** 1 45°; 1 Level; 1 Plumb

**Vial Material:** Acrylic

**Base Type:** Magnetic

**Structure:** I-Beam



SKU	Length	No. of Vials
100-A581-9	9 in	3



## Torpedo 3-Point Alignment Lasers

### Features:

- 3 beams: plumb, level and square point projection
- Anodized and machined for superior accuracy and durability
- Precision bubble vials and versatile positioning capability
- V-Groove aligns unit with pipes

**Laser Wave Length:** 635 nm

**Includes:** Batteries; Belt Pouch; Leveling Base

**Base Thread:** 1/4 in - 20



SKU	Length	Width	Accuracy	Range
114-GPL3T	8 in; 9 1/2 in	5 1/4 in	1/4 in @ 75 ft	100 ft

## CONTOUR®

### Angle Levels

### Features:

- 360-degree adjustable DSL with two 90-degree quadrants graduated in 2-1/2-degree increments
- 2 cast-in 25-pound pull magnets
- Groove on bottom permits use on small pipe
- Lightweight

**Material:** Aluminum



SKU	Length	Height	Thickness	No. of Vials
430-14777	9 in	2 in	3/4 in	1

## Contour® Flange Levels

### Features:

- Used as a dial degree utility level or two-holing flange alignment
- Protective housing contains an adjustable DSL
- Fitted with a threaded, self-aligning conical spacer and conical nut and bolt units for fastening to a pipe flange
- One nut and bolt is stationary, other slides

**Material:** Aluminum



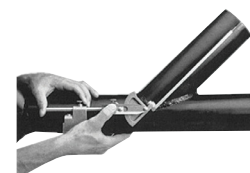
SKU	Thickness	No. of Vials
430-14786	1/2 in	1

## Replacement Dials & Levels

### Features:

- Adjustable bubble protractor
- Covers 180 degrees through two 90 degree quadrants
- Bubble cast in aluminum dial
- Dial Reading:** 180° - 90°

**Material:** Cast Aluminum



SKU
430-14797

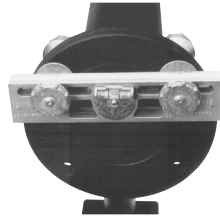


## CONTOUR®

### Universal Levels

**Features:**

- Multi-purpose tool for ensuring accurate leveling, setting predetermined pitch of a string of pipe, setting angle of laterals to precise degree, truing vertical runs, and two-holing flanges
  - Two cast-in 25 lb. pull magnets hold unit in place on any steel surface, including the underside of a pipe or beam
  - Features 360° adjustable dial bubble protractor
  - Cast-in table indicates rise-per-foot in inches and meters
  - Cast-in groove makes level self-centering on contour of the pipe
- Includes:** (2) Bolt Units; (2) Conical Nuts; (2) Threaded, Self-Aligning Conical Spacers



SKU	Size
430-14796	Hole Spaced 2 1/4 - 8 in Centers

## Empire®

### Aluminum Levels

**Features:**

- Advanced frame design assures accuracy
- Beveled endcaps protect vials from shock
- Top read window

**No. of Vials:** 3

**Vial Positions:** 1 Level; 2 Plumb

**Vial Material:** Plastic

**Base Type:** Flat

**Structure:** I-Beam

**Body Material:** Aluminum

SKU	Length
272-580-24	24 in
272-580-48	48 in
272-580-72	72 in

### Empire® Levels Magnetic Aluminum Levels

**Features:**

- Solid I-beam frame with magnetic edge
- Top read window
- Replaceable acrylic vials
- Beveled end plates protect from shock
- High visibility yellow

**Vial Material:** Plastic



SKU	Length	No. of Vials	Vial Positions
272-581-24	24 in	3	1 45°; 1 Level; 1 Plumb
272-581-36	36 in	3	1 Level; 2 Plumb
272-581-48	48 in	3	1 Level; 2 Plumb
272-581-72	72 in	5	2 Level; 3 Plumb

### Torpedo Levels

**Features:**

- Advanced frame design
- Magnetic-base level
- Top-read window
- Tri-vial versatility

**Vial Positions:** 1 45°; 1 Level; 1 Plumb

**Vial Material:** Plastic

**Base Type:** Grooved; Magnetic

**Structure:** I-Beam

**Body Material:** Aluminum

SKU	Length	No. of Vials
272-581-9	9 in	3



### True Blue® Digital Laser Levels

**Features:**

- Auto calibrates for temperature
- Bright True Blue® LED backlight
- Built in laser level
- Easy 2 step calibration
- Measure slope in %, degrees, in/ft
- Patented eShock endcaps
- Reads to .05 degrees
- Tough e70 chassis

**Vial Positions:** 1 Level; 1 Plumb

**Vial Material:** Acrylic

**Base Type:** Flat

**Structure:** Box

**Body Material:** Aircraft Aluminum

**Includes:** Additional Level & Plumb True Blue Vials; Padded Carry Case

SKU	Length	No. of Vials
272-E100-24	24 in	2



### True Blue® Heavy-Duty Magnetic Levels

**Features:**

- True Blue® vials are accurate to within 0.00050" per inch in all 10 level and plumb working positions
- Super strong anodized I-beam frame
- Strong holding magnetic edge
- Shock absorbing end plates
- Top read window

**Vial Positions:** 1 Level

**Vial Material:** Acrylic

**Body Material:** Aluminum

SKU	Length	No. of Vials	Vial Positions
272-em81.24	24 in	3	1 45°; 1 Plumb
272-em81.48	48 in	3	2 Plumb





## True Blue® Magnetic Box Levels

### Features:

- True Blue® vials are accurate to within 0.00050" per inch in all 10 level and plumb working positions
- Solid block acrylic vials won't break, leak or fog
- Dual molded rubber end caps for extreme shock resistance
- 300° view top-reading level vial
- Milled edges for accuracy

**Vial Material:** Acrylic

**Body Material:** Aircraft Aluminum



SKU	Length	No. of Vials
272-em71.24	24 in	3
272-em71.48	48 in	3

## True Blue® Magnetic Tool Box Levels

### Features:

- True Blue Vial - superior accuracy, durability, visibility
- Advanced Concentric Molding - guarantees perfectly formed vials
- Strong holding magnetic edge frees hands
- V-grooved working edge for pipe work

**Vial Positions:** 1 45°; 1 Level; 1 Plumb; 1 Vari-Pitch™

**Base Type:** Magnetic; V-Grooved

**Body Material:** Aluminum



SKU	Length	No. of Vials
272-em81.12	12 in	4

## True Blue® Magnetic Torpedo Levels

**Vial Positions:** 1 45°; 1 Level; 1 Plumb

**Base Type:** Grooved; Magnetic



SKU	Length	No. of Vials	Body Material
272-em81.10	10 in	3	Aluminum
272-em81.9	9 in	3	Extruded Aluminum



## Degree Levels

### Features:

- Fits in shirt pocket
- Magnetic

**Vial Positions:** 1 Rotating

**Resolution (Angle):** 2.5°

**Body Material:** Anodized Aluminum



SKU	Length	Width
496-L-2	2 3/8 in	1 1/2 in

## Pocket Pro Levels

### Features:

- Magnetic
- 2.5° Increments
- With protractor degree dial
- Extra strong magnets hold it firmly to any steel surface
- There are two (2) stationery vials placed at 90° angles of each other and can be read from any surface of the level

**Vial Positions:** 1 Level; 1 Plumb; 1 Rotating

**Base Type:** Flat; Magnetic

**Structure:** Box

**Body Material:** Anodized Aluminum



SKU	Length	No. of Vials
496-PP-200	9 in	3

## Standard Pocket Levels

### Features:

- Magnetic level has three-position leveling that can be viewed clearly from almost any angle
- Tradesman who does not need the protractor degree dial



SKU	Length
496-SL-100	9 in



## Mini-Magnet Laser Levels

### Features:

- Mini torpedo design with handy "no dog" attachment for bending
- Three rare earth magnets provide superior holding strength
- Compact size with 80-plus yard range
- Laser is capable of working on all planes
- V-groove on top of level for easy view of vials
- Offsets and calculations permanently laser engraved onto level

**Vial Positions:** 0°, 30°, 45° & 90°



SKU	Length	Width	Height	Range
332-L97	5.63 in	3/4 in	1.81 in	80 yd

## KLEIN TOOLS

### Klein Tools Magnetic Torpedo Levels

**Features:**

- Magnetized strip on bottom
- Yellow vials for easy viewing
- Strong, extruded aluminum frame features a convenient built-in hang hole
- Top-read level window simplifies viewing in tight areas
- Handy V-grooved edge for pipe and conduit work
- Precision edges for accurate readings
- Large, highly visible vials - plumb, level and 45 degree
- Strong, aluminum frame with built-in hang hole for handy storage
- Convenient 9 in length for use in tight spaces



SKU	Length
409-930-9	9 in

## RIDGID

### Ridgid® Torpedo Levels

**Features:**

- Rare-earth magnets five times stronger than standard strip magnets
- Glow surround view for easier reading of vials in dark or shadowed areas

**Vial Positions:** 1 45°; 1 Level; 1 Plumb

**Base Type:** Magnetic; V-Grooved

**Body Material:** Aluminum



SKU	Model No.	Length	Width	Height	No. of Vials
632-20233	395	9 in	5/8 in	1 1/4 in	3

## STANLEY

### FatMax® Xtreme™ Magnetic Torpedo Levels

**Features:**

- 180 degree rotating vial to duplicate angles
- Magnified center vial for improved visibility
- Rare earth magnets for ultimate holding power

**Base Type:** Grooved

**Body Material:** Die Cast Aluminum



SKU	Length	Width	Accuracy
680-43-609	9 in; 11.8 in	2.8 in	0.0005 in

### Torpedo Magnetic Levels

**Features:**

- Tinted 360° vials make reading easy on the eyes
- Pipe groove enables use on rounded surfaces

**Vial Positions:** 1 45°; 1 Level; 1 Plumb

**Base Type:** Grooved

**Body Material:** Cast Aluminum



SKU	Length	No. of Vials
680-42-465	9 in; 12 in	3

## SWANSON

### Savage™ & Lil Savage™ Magnetic Levels

**Features:**

- Brightview™ machined vial surrounds
- Permanently sealed vial caps

**Vial Positions:** 0°, 30°, 45° & 90°

**Base Type:** V-Grooved

**Body Material:** Aluminum



SKU	Length	Width	Height
698-TL043M	0.98 in; 9 in	4.53 in	12 in

## CONTOUR®

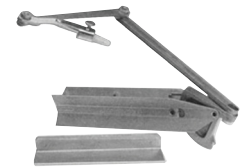
### Contour Markers

**Features:**

- X-shape frame, calibrated protractor, and a triple joint marking arm and holder
- Laterals at any angle, tees, wyes, crosses elbows
- Frame easily folds to fit in pocket
- Compact

**Material:** Aluminum

**Includes:** Soapstone Crayon



SKU	Pipe Cap.
430-14771	1 1/2 in - 18 in

### Contour® Worker Kit

**Features:**

- A great value for your pipe fitting and marking needs
- Purchase your Contour essentials with one part number, enjoy reduced pricing and receive a carry case FREE

**Includes:** #1 Standard Marker; #7 Centering Head Jumbo; Pro Mag Level; Soapstone Holder; Standard Radius Marker



SKU
430-20664



## Magnetic Miter Markers

### Features:

- Structural beam layouts and marking angles or saddles on pipe and tubing are a snap
- The unique design of this tool allows you to telescope out over existing welds to layout angles or change the angles of pipe fittings
- The arm has its own 360° rotating shaft with a built-in leveling vial

**Material:** Alloy Steel; Aluminum

**Includes:** Magnetic Base; Polypropylene Case #8901-805; Structural Adapter 8311



SKU	Pipe Cap.
496-63803	1 1/2 in - 18 in

## Master Markers

### Features:

- Main body has its own leveling system built-in and a strong magnetic base that works like a third hand
- Marking arm holder telescopes and rotates 360 degrees to allow the marking of larger pipes and fittings
- Great for marking angles on pipe and structural steel

**Material:** Alloy Steel; Aluminum

**Includes:** Magnetic Base; Polypropylene Case #8903-500; Spring Buckle Strap #5010; Structural Adaptor #6111-MM



SKU	Pipe Cap.
496-MM-501	8 in - 48 in

## CONTOUR®

### Contour® Radius Markers

#### Features:

- Precision tools made of rust proof aluminum and anodized for lasting protection
- The arms are precisely aligned with spring tension joints to guarantee accuracy and rigidity
- The holder accommodates flat or round soapstone and pencils
- 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

**Material:** Aluminum

**Includes:** Soapstone Crayon



SKU	Size Group	Radius
430-14780	Mini	8 in
430-14781	Small	20 in
430-14782	Standard	24 in
430-14783	Jumbo	40 in

### Radius Markers

#### Features:

- Precision tools made of rust proof aluminum and anodized for lasting protection
- The arms are precisely aligned with spring tension joints to guarantee accuracy and rigidity
- The holder accommodates flat or round soapstone and pencils
- 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



SKU	Size Group	Span	Circumference
496-72800	Small	11 in	22 in
496-72805	Medium	25 in	50 in

## Starrett®

### Steel Rules

**Increment @ Scale:** 1/64 in @ 1 in; 1/32 in @ 1 in; 1/16 in @ 1 in; 1/8 in @ 1 in

**No. of Scales:** 4

**Flexibility:** Flexible

**Measuring System:** Inch



SKU	Width
681-52679	1 in



## Blacksmiths' Rules



### Features:

- 1 fold, tempered steel rule
- Converts diameters directly to circumference measurements
- Riveted joint with stop when ruler is opened straight
- Black filled etched graduations

**Thickness:** 1/32 in

**Graduation(s):** 1/8 in.

**Increment @ Scale:** 1/16 in @ 1 in; 1/8 in @ 1 in; 1/8 Dia. in @ 1 Circumf. in

**No. of Scales:** 3

**Material:** Steel

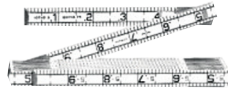
**Measuring System:** Inch

SKU
182-86

## Red End® Engineers' Rulers

### Features:

- Graduated in feet, 1/10ths and 1/100ths of feet
- Red foot figures
- Regular outside markings in feet, inches and 1/16ths
- Decimal points on engineers scale prevent reading errors



**Increment @ Scale:** 0.01 ft @ 1 ft

**No. of Scales:** 1

**Material:** Wood

**Measuring System:** Inch

SKU	Length
182-1066D	6 ft



## Red End® Rulers



### Features:

- 062CME has reading left to right on both sides: rule is graduated in (mm) with (cm) and (m) markings on the metric side: English side is marked to 1/16ths
- 066F has inside markings: numbering begins on inside of rule: measurement lies close to the work
- 16" stud centers marked in red
- Graduated to 1/16ths both edges
- Marked both sides, both edges
- Regular outside markings

**Thickness:** 5/8 in

**Increment @ Scale:** 1/16 in @ 1 in

**No. of Scales:** 2

**Material:** Wood

SKU	Length	Width
182-066FN	8 in; 6 ft	2 in



## Fiberglass Folding Rules

### Features:

- Precision made of flexible heavy-duty fiberglass with embedded, easy-to-read boldface figures and graduations with 16" stud marks and positive locking joints
- No. 1602 is graduated on one side in millimeters with red markings every 10 cm, reverse side reads in inches



SKU	Model No.	Length	Width
632-73370	1619F	72 in; 6 ft	5/8 in



## Protractors

### Features:

- Magnetic base, back, and edge
- Easy reading dial with adjustable angle pointer
- Built-in angle pitch calculator on back
- Durable Polycast® construction
- Transfers angles to within 1°



**Resolution (Angle):** 1 °

**Quantity:** 10 per pack

SKU	Angle
272-36	360 °



## Stainless Steel Protractors

### Features:

- Adjustable protractor arm locks into desired position with knurled thumb nut
- Permanently etched graduations from 0 to 180° in opposite directions

**Dial Reading:** 0-180-0

**Head Length:** 3 3/8 in

**Head Type:** Square

**Material:** Stainless Steel



SKU	Blade Length	Angle	Head Width
318-17	6 in	180 °	2 in



## Empire® Level Combination Squares

- Features:**
- Self-aligning drawbolt
- Blade Length:** 12 in  
**Graduation(s):** 16ths; 32nds; 8ths  
**No. of Scales:** 3  
**Blade Material:** Steel  
**Measuring System:** Inch  
**Quantity:** 10 per pack



- Features:**
- Hardened scriber
  - Machined square head with full view acrylic vial

SKU	Beam Material
272-230	Cast Iron

- Features:**
- Metal square head
  - E-Z slide pad lining for smooth blade sliding action

SKU	Beam Material
272-240	Metal

## Framing Squares

- Features:**
- High-quality, standard blade-and-tongue design
  - Stamped graduations
  - Strong, epoxy-finished steel
  - Punched hang hole
- No. of Scales:** 1  
**Measuring System:** Inch



SKU	Blade Length	Blade Width	Beam Length	Material	Quantity
272-100	12 in	1/16 in	8 in	Steel	10 per pack
272-1110	24 in	2 in	16 in	Steel	6 per pack
272-1140	24 in	2 in	16 in	Aluminum	5 per pack
272-1240	24 in	2 in	16 in	Aluminum	3 per pack



## Rafter Squares

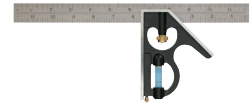
- Features:**
- Solid, one-piece aluminum extrusion outperforms brittle die casts
  - Will not rust, bend or break
  - Stamped conversion tables
  - Thick edge makes for a safer saw guide
- Material:** Aluminum  
**Measuring System:** Inch



SKU	Blade Length	Quantity
272-2990	7 in	12 per pack
272-3990	12 in	6 per pack

## True Blue® Combination Squares

- Features:**
- True Blue® vial for accuracy
  - Self-aligning drawbolt, hardened scriber
  - Etched blade with permanently marked graduations
- Graduation(s):** Inch  
**Blade Material:** Stainless Steel



SKU	Blade Length
272-e250	12 in
272-e255	6 in
272-e280	16 in



## 11H Series Combination Squares

- Features:**
- Multi-purpose uses include; 45° miter, depth gage, height gage, marking or scribing gage, a level, a plumb, and a precision rule
  - Hardened, machine divided graduations, blade
  - Reversible lock bolt allows blade to be turned over or end-for-end, without removing the lock bolt or nut
  - Steel scriber
  - Spirit level
- Beam Material:** Cast Iron  
**Graduation(s):** No. 4R - 8ths, 16ths; Quick Reading 32nds, 64ths  
**No. of Scales:** 4  
**Blade Material:** Steel



SKU	Blade Length
681-50055	12 in

## 434H Series Combination Squares

- Features:**
- Reversible lock bolt allows blade to be turned over or end-for-end, without removing the lock bolt or nut
  - Multi-purpose uses include; 45° miter, depth gage, height gage, marking or scribing gage, a level, a plumb, and a precision rule
  - Spirit level in square and protractor heads
  - Forged and hardened steel square heads and center heads, cast iron protractor head with smooth black finish
  - Center head accurately finds center of round work
  - Steel scriber
  - Protractor head has direct reading, double 180° scale
  - Hardened, machine divided graduations, blade
- Beam Material:** Forged Hardened Steel  
**Graduation(s):** No. 4R - 8ths, 16ths; Quick Reading 32nds, 64ths  
**No. of Scales:** 4  
**Blade Material:** Steel  
**Measuring System:** Inch



SKU	Blade Length
681-51548	12 in

Industrial Safety Welding Oilfield Construction

## 435 Series Combination Squares

### Features:

- With reversible lock bolts, scriber, spirit level in both square head and protractor head, direct reading double 180° protractor scale, hardened steel, machine-divided blade
- Steel scriber
- Reversible lock bolt allows blade to be turned over or end-for-end, without removing the lock bolt or nut
- Spirit level in square and protractor heads
- Square head with black wrinkle finish
- Center head accurately finds center of round work
- Multi-purpose uses include; 45° miter, depth gage, height gage, marking or scribing gage, a level, a plumb, and a precision rule



**Beam Material:** Cast Iron

**Graduation(s):** No. 4R - 8ths, 16ths; Quick Reading 32nds, 64ths

**No. of Scales:** 4

**Blade Material:** Steel

**Measuring System:** Inch

SKU	Blade Length
681-51556	12 in

**STANLEY**

## Stanley® Combination Squares

**Handle Material:** Die-Cast Metal

**Measuring System:** Inch



### Features:

- Die cast metal handle has built in accuracy and durability
- Coated blade resists rust
- Scriber conveniently stores in handle
- Level vial increases versatility

SKU	Blade Length	Blade Finish	Height	Length
680-46-222	12 in	Protective Coating	3/4 in	12 in

### Features:

- Durable etched, hard chrome plated blades
- Rust-resistant for blade longevity
- Scriber for easily marking surfaces
- High visibility yellow, die cast handle
- Easy read vial
- Brass hardware

SKU	Blade Length	Blade Finish	Height	Length
680-46-123	12 in	Chrome	3 in	11.12 in

**SUMNER**

## Mul-T-Square®



### Features:

- Handles up to 8" flanges and up to 14" fittings
- Versatile for measuring 45° and 90° angles
- The blades are loosened or secured by a simple twist of the conveniently located locking knob

**Handle Material:** Plastic

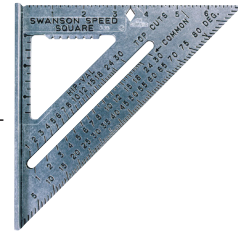
**Blade Material:** 365/T-6 Aircraft Grade Aluminum

**Measuring System:** Inch

SKU	Blade Length
432-790000	10 in; 14 in

**SWANSON**

## Speed® Squares



### Features:

- This unique tool is actually five tools in one: a tri-square, a miter square, a protractor, a line scriber, and a saw guide
- 1/4" spaced notches to facilitate scribing lines
- Includes markings for Swanson's® One-Number Method™ of rafter layout, and is packaged with the Swanson® Blue Book of Rafter Length and Roof Construction
- 5 tools in one: try square, miter square, protractor, line scriber and saw guide
- Includes the new Diamond™ feature that makes layout work and seat cuts on common rafters easy
- 1/4" spaced notches to facilitate scribing lines
- Black filled markings and blue book

**Material:** Aluminum

SKU	Blade Length
698-S0101	7 in



## Universal Magnetic Tape Holders

### Features:

- A strong 25 pound pull magnet set in epoxy secures the tape holder to your work
- It has been redesigned with no removable parts and works with most industrial measuring tapes
- It is a great little magnetic pocket level and your third hand when doing those difficult measuring jobs while working alone
- Will secure the end of your tape while laying out close tolerance measurements from the end or the center of your material



SKU	Length	Width
496-89754	4 in	5/8 in



## No. 657AA Magnetic Base Indicator Holder

### Features:

- For use with all Starrett Test, Back-Plunger, AGD, Dial and Miniature-Dial Indicators
- Accommodates similar indicators of other manufacturers



SKU	Includes
681-52743	Indicator; Magnetic Base; Rod; Snug; Snug Complete - 1/4 & 3/8 in. Holes; Upright Base Post



## Power Grip Tape Measures

- Blade Style:** Steel
- Measuring System:** Inch
- End Type:** Hook
- Color:** Grey; Yellow
- Case Material:** ABS
- Mounting:** Belt Clip



SKU	Blade Length
272-7526	25 ft
272-7525	25 ft
272-7535	33 ft

## Reel Tape Measures

### Features:

- With cushion grip
- Measuring System:** Inch
- No. of Scales:** 2
- Specialty Scales:** Engineer's Scale
- Blade Material:** Fiberglass
- End Type:** Hook w/Ring
- Reel Material:** Plastic
- Reel Type:** Open Reel
- Return Motion:** Manual Wind-Up



SKU	#	Blade Length
272-6799	1	100 ft
272-6830	2	300 ft

## Tape Measures

- Measuring System:** Inch
- No. of Scales:** 1
- Blade Material:** High Carbon Steel
- Blade Finish:** Plastic
- End Type:** Hook
- Reel Type:** Closed Reel
- Return Motion:** Spring
- Mounting:** Belt Clip



### Features:

- Dependable slide lock mechanism
- Durable steel belt clip
- Bold, clear numbers

SKU	Blade Length	Blade Width
272-612	12 ft	5/8 in
272-616	16 ft	3/4 in
272-626	25 ft	1 in
272-636	30 ft	1 in

### Features:

- Locking

SKU	Blade Length	Blade Width
272-6527POP	25 ft	1 in
272-6926	25 ft	1 in

## KOMELON

USA Division

## K-73 Series Power Tapes

### Features:

- Built-in shock absorber to protect blade tip
- Superior internal mechanism provides smooth operation

- Measuring System:** Inch
- Blade Material:** High Carbon Steel
- Blade Finish:** Protective Coating



SKU	Blade Length	Blade Width
416-3725	25 ft	1 in



## KOMELON<sup>®</sup>

USA Division

### MagGrip™ Pro Tapes

**Features:**

- Large flared magnetic end hook
- Heavy duty nylon coated blades for maximum durability
- Rubberized case protects end hook and button

**Blade Material:** Steel

**Blade Finish:** Nylon



SKU	Blade Length
416-7125	25 ft
416-7130	30 ft

### MagGrip™ Tapes

**Features:**

- Large flared magnetic end hook
- Heavy duty nylon coated blades for maximum durability
- Triple-riveted and reinforced end hook
- Impact absorbing rubber jacket protects case

**Blade Material:** Steel

**Blade Finish:** Nylon



SKU	Blade Length
416-7425	25 ft
416-7430	30 ft

### Professional Series Power Tapes

**Features:**

- Heavy duty nylon coated blade for maximum durability
- Built-in shock absorber to protect blade tip
- Superior mechanism provide smooth operation

• Bottom blade protector

**Blade Material:** Steel

**Blade Finish:** Nylon



SKU	Blade Length	Blade Width
416-4912	12 ft	5/8 in

### Tradesman Measuring Tapes

**Features:**

- Built-In shock absorbing bumper for added blade life
- Triple-riveted and reinforced end-hook
- Stainless steel protective plate
- Superior internal spring mechanism

**Measuring System:** Inch

**Blade Material:** Steel

**Blade Finish:** Acrylic Coating

**Case Material:** ABS



SKU	Blade Length	Blade Width
416-T3725	25 ft	1 in

## Starrett<sup>®</sup>

### Key Caddy

**Features:**

- Heavy duty
- Returns keys and other articles automatically
- With regular belt clip

**Case Material:** Die Cast

**Finish:** Chrome Plated

**Material:** Stainless Steel Chain & Key Ring



SKU	Chain Length
681-63135	21 in

### Pocket Tapes Measuring Tapes

**Features:**

- Features 7 ft. stand out
- Produced with yellow ABS plastic providing a high visibility durable case
- Manufactured with a positive lock to hold tape securely while transferring measurement to work surfaces

• Includes a steel belt clip

**Measuring System:** Inch

**Blade Material:** Steel

**Blade Finish:** Clear Coat Polyurethane

**End Type:** Hook

**Case Material:** ABS



SKU	Blade Length	Blade Width
681-30665	25 ft	1 in

## Lufkin<sup>®</sup>

### 700 Series Power Tapes

**Features:**

- Magnetic end hook is a time-saver for framers, HVAC installers, and more
- Powerful dual magnets can also serve as a pick-up tool
- Non-slip rubber blade lock button

**Blade Style:** A5

**Blade Finish:** Yellow Clad



SKU	Blade Length
182-L725MAG	25 ft



## Anchor® Measuring Tapes

### Features:

- Chrome clad
- Large easy winding drum and friction washers
- Nylon rollers guide the tape smoothly in and out of case

**Increment @ Scale:** 0.01 ft @ 1 ft

**No. of Scales:** 1

**Blade Material:** Steel

**End Type:** Ring

**Reel Material:** Steel

**Reel Finish:** Vinyl



SKU	Blade Length
182-C213D	50 ft
182-C216D	100 ft

## Artisan® Diameter and Tree Tapes

### Features:

- Large easy-action winding drum and friction washers
- Nylon roller, guides the tape smoothly in and out of the case

- Abrasive resistant coating on blade
- Chrome Clad® and Nubian® blade

**Blade Thickness:** 0.008 in

**Increment @ Scale:** 1/64 Dia. in @ 1 Dia. in; 1/8 in @ 1 ft; 1 Dia. in @ 1 Dia. ft

**No. of Scales:** 3

**Blade Material:** Steel

**Reel Material:** Steel

**Reel Finish:** Vinyl



SKU	Blade Length	Blade Width
182-120P	240 in	3/8 in

## Autolock 700 Series Tapes

### Features:

- Automatic blade lock holds the blade in extended position
- Recessed lock release to reduce chance of accidental retraction
- Non-slip co-molded rubber grip

**Blade Style:** A5

**Blade Material:** Steel

**Blade Finish:** Yellow Clad

**Case Material:** ABS



SKU	Blade Length	Blade Width
182-AL725	25 ft	1 in

## Banner Measuring Tapes

### Features:

- Professional tradesman's quality
- Rugged, vinyl-covered steel case
- Yellow clad tape
- Large easy action winding drum and friction washers
- Nylon rollers guide the tape smoothly in and out of case
- Bold graduations with black and red numbers for accurate measuring
- "H" prefix denotes product blade is fitted with a folding hook ring

**Blade Thickness:** 0.008 in

**No. of Scales:** 1

**Blade Material:** Steel



SKU	Blade Length	Increment @ Scale
182-HW223D	50 ft	0.01 ft @ 1 ft
182-HW226	100 ft	1/8 in @ 1 ft

## Executive® Diameter Pocket Measuring Tapes

### Features:

- Easy-to-read blade
- Power retraction
- For measuring diameters of pipe, cable, tire, or any circular object

**Increment @ Scale:** 1/32 in @ 1 ft; 1/16 in @ 1 in

**No. of Scales:** 3

**Blade Material:** Steel



SKU	Blade Length	Blade Width	Increment @ Scale
182-W606P	6 ft	1/4 in	1/64 Dia. in @ 1 Dia. in
182-W606PD	6 ft	1/4 in	0.01 Dia. in @ 1 Dia. in

## Hi-Viz® Linear Measuring Tapes

### Features:

- Lightweight high impact ABS case
- Durable 1/2"/3mm wide fiberglass tape is encapsulated in flexible plastic
- Non-conductive material with easy-to-read black and red markings on yellow background

- Lightweight high impact ABS winding drum provides smooth tape recovery
- Hi-Viz® orange case

**Increment @ Scale:** 0.01 ft @ 1 ft

**No. of Scales:** 1

**Blade Material:** Fiberglass



SKU	Blade Length
182-706D	100 ft



## Hi-Viz® Orange Power Return Tapes

### Features:

- Case designed to fit comfortably in hand
- 2 rivet end hook with reinforcing strip
- Clear coat blade protection for more durable markings
- Slide lock button allows for easy control of tape blade
- Removable belt clip

**Blade Material:** Steel



SKU	Blade Length	Blade Width	Blade Style
182-L616	16 ft	3/4 in	A2
182-L625	25 ft	1 in	A5

## Hi-Viz® Orange Reel Fiberglass Tapes

**Blade Material:** Fiberglass

**Blade Finish:** Yellow Clad

**End Type:** Folding Hook

### Features:

- Comfortable, two-material grip
- Hi-Viz® case is easy to find on-the-job
- Lightweight, strong case
- Open four-arm frame design
- Sturdy blade impervious to moisture



SKU	Blade Length	Blade Width	Length
182-FE100	100 ft	1/2 in	9 in
182-FE200	200 ft	1/2 in	12 in
182-FE300	300 ft	1/2 in	12 in

### Features:

- Sturdy four-arm frame design
- Comfortable grip
- Hi-Viz® case
- Fiberglass blade resists water
- Folding end hook for true-zero measurements

SKU	Blade Length	Blade Width	Length
182-FE100D	100 ft	1/2 in	9 in

## Hi-Viz® Universal Lightweight Measuring Tapes

### Features:

- Easy-to-read black and red markings
- Easy wind nylon drum
- Hook ring is retained neatly in the contoured mouth of the case
- High impact polystyrene case
- Metric-English tape measures have a 2-sided end hook for use with either scale
- Removable belt clip
- Yellow clad blade

**Blade Thickness:** 0.005 in

**Blade Material:** Steel

**Reel Material:** Plastic

**Reel Type:** Closed Reel

**Return Motion:** Manual Wind-Up

**Mounting:** Belt Clip



SKU	Blade Length	Blade Width	Measuring System	No. of Scales
182-100L	100 ft	3/8 in	Inch	1
182-50	50 ft	3/8 in	Inch	1
182-HV30CME	30 m; 100 ft	3/8 in; 10 mm	Inch/Metric	2

## Home Shop Measuring Tapes

### Features:

- Yellow clad blade
- Large easy action winding drum with friction washers
- Fitted with a folding hook ring

**Blade Thickness:** 0.005 in

**Increment @ Scale:** 1/8 in @ 1 ft

**No. of Scales:** 1

**Case Material:** Steel



SKU	Blade Length	Blade Width
182-HW100	100 ft	3/8 in

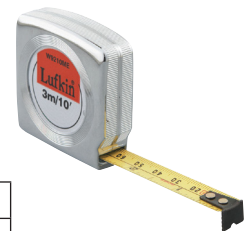
## Mezurall® Measuring Tapes

### Features:

- Chrome plated case
- Yellow clad blade
- Power retraction operation
- Belt clip

**Blade Material:** Steel

**Mounting:** Belt Clip



SKU	Blade Length	Blade Width	No. of Scales
182-W9210ME	10 ft	1/2 in	2
182-W9212	12 ft	1/2 in	3
182-W9312D	12 ft	3/4 in	2



## Mezurall® Pocket Measuring Tapes

### Features:

- Chrome plated case
- Hard chrome plated blade is tough and accurate
- **Increment @ Scale:** 1/16 in @ 1 in

**No. of Scales:** 1

**Blade Material:** Steel

**Blade Finish:** Chrome



SKU	Blade Length	Blade Width
182-C9212	12 ft	1/2 in

## P1000 Series Power Tapes



### Features:

- Bright yellow blade has clear easy-to-read numerals
- Hi-Viz® orange case - easy to find on the job
- Rubber cushion case exterior protects tape from impact and improves grip
- Fits easily into most tape holsters
- Toggle lock is positioned for convenient operation
- Cushioned blade return
- Removable belt clip
- Hi-Viz® orange case - easy-to-find on the job
- Cushioned blade return

SKU	#	Blade Length	Blade Width	Blade Finish
182-PHV1012	1	12 ft	1/2 in	Yellow Enamel
182-PHV1312	1	12 ft	3/4 in	Yellow Enamel
182-PHV1316	1	16 ft	3/4 in	Yellow Clad
182-PHV1425	1	25 ft	1 in	Yellow Clad
182-PHV1425D	1	25 ft	1 in	Yellow Clad
182-PHV1430	2	30 ft	1 in	Yellow Enamel
182-PHV1433	2	33 ft	1 in	Yellow Enamel

## P2000 Series Measuring Tapes

**Stud Markings:** Yes

**Blade Material:** Steel

**Case Material:** ABS

**Return Motion:** Power

**Mounting:** Belt Clip



SKU	Blade Length	Blade Width	Blade Style	No. of Scales
182-P2125	24 ft	1 in	A5	
182-P2133D	33 ft	1 in	A4	2
182-P2312	12 ft	3/4 in	A2	1

## Peerless Surveying Tapes

### Features:

- Chrome Clad® and yellow clad blade
- 1/4" x 6mm wide and .016" thick
- Subdivided line removes easily from reel
- Long, easy-action winding handle that locks line in any position
- Reel is nickel plated, 4-arm with rollers in each are for smooth winding
- Open design construction sides in drying line and clearing out dirt
- A pair of 580 finger rings and a 579 engineer's conversion rule are furnished with tape or replacement line
- Reel available separately

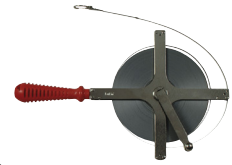
**Blade Width:** 1/4 in

**Blade Thickness:** 0.016 in

**Increment @ Scale:** 0.01 ft @ 1 ft

**No. of Scales:** 1

**Blade Material:** Steel



SKU	Blade Length
182-C1276D	100 ft
182-C1278D	200 ft

## Pro Series Nyclad Tape Measures

### Features:

- Durable coating on blade resists wear under extreme conditions
- Super fast 3-to-1 blade retraction saves time in the field

**Blade Style:** E5

**Blade Material:** Steel



SKU	Blade Length	Blade Width
182-PS1806DN	100 ft	1/2 in

## Quickread Power Return Tapes

### Features:

- Built in bumper reduces shock when blade is retracted
- Rounded blue case fits your hand for comfort
- Graduations printed in fractions and decimal equivalents
- Positive toggle lock holds blade securely at any length
- Durable ABS case withstands rugged use on the job site
- Self-compensating end hook for inside and outside measurements
- Quick read for faster measuring

**Blade Style:** A3

**Graduation(s):** 16ths

**Blade Material:** Steel

**Mounting:** Belt Clip



SKU	Blade Length
182-PQR1425	25 ft

## STANLEY

### FatMax® Long Tapes

**Features:**

- 3 to 1 gear drive for fast rewind
- High impact ABS case with rubber, non-slip grip
- Tru-Zero end hook for inside and outside measurements
- Steel roller cage to protect case from being cut by blade during retraction

**Measuring System:** Inch

**Blade Material:** Stainless Steel



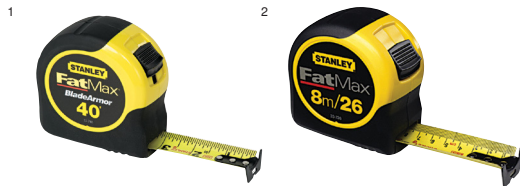
SKU	Blade Length	Blade Width
680-34-130	100 ft	3/8 in

### FatMax® Reinforced w/Blade Armor™ Tape Rules

**Features:**

- 11' of standout for extra and easy to read graphics
- Top forward blade lock makes it easier to lock and unlock the blade
- Exclusive cushion grip built into the case for a comfortable slip-resistant grip and impact resistance
- Specially designed, hook grabs on side top or bottom

**Blade Material:** Steel



**Features:**

- First 6" are reinforced with a Blade Armor™ coating which is a patented industrial thermoplastic coating

SKU	#	Blade Length	Blade Width	Measuring System
680-33-716	1	16 ft	1 1/4 in	Inch
680-33-725	1	25 ft	1 1/4 in	Inch
680-33-726	2	26 ft; 8 m	1 1/4 in	Inch/Metric
680-33-730	1	30 ft	1 1/4 in	Inch
680-33-735	1	35 ft	1 1/4 in	Inch

**Features:**

- The world's longest self-retracting tape rule

SKU	#	Blade Length	Blade Width	Measuring System
680-33-740	1	40 ft	1 1/4 in	Inch

### FatMax® Xtreme™ Tape Rules

**Features:**

- BladeArmor™ coating on the first 6" maximizes durability of hook end
- High-visibility Mylar® polyester film extends life of entire blade and improves measurement visibility
- Cushion grip provides comfortable, slip-resistant hold
- Specially designed hook grabs on side, top or bottom for versatility

**Stud Markings:** 16 in; 19.2 in

**Blade Finish:** Mylar Coating



SKU	Blade Length	Blade Width
680-33-890	25 ft	1 1/4 in

### Hi-Vis Tape Rules

**Features:**

- Compact ergonomically designed case with soft rubber grip
- Durable, shock resistant case
- Heavy duty 3-rivet end hook



SKU	Blade Length	Blade Width
680-30-305	25 ft	1 in

### MaxSteel™ Tape Rules

**Features:**

- 13% thicker blade with patented selective "cross curve" technology for 9 feet of standout
- Exclusive cushion grip built into the case for comfortable non-slip grip and impact resistance
- Massive bumper designed for increased hook life
- Heavier and stronger spring for extra long life and "smooth-as-silk" blade recoil
- Three rivet corrosion resistant hook moves to allow accurate inside and outside measurements
- Improved blade readability with high contrast color --- easy to read in all light conditions
- Top forward blade lock design makes it easier to lock and unlock the blade
- Heavy-duty \*Mylar® polyester film coating extends blade life up to ten times longer

**Measuring System:** Inch

**Stud Markings:** 16 in; 19.2 in

**Blade Material:** Steel

**Return Motion:** Spring



SKU	Blade Length	Blade Width
680-33-692	16 ft	3/4 in

## STANLEY

### Powerlock® Pocket Tape Rules

**Features:**

- Scale on back will measure up to 3' diameters
- Spring is heat treated for added durability and protected blade will withstand abrasion for long life
- Slim, trim case is ideal for pocket or purse

**Measuring System:** Inch

**Stud Markings:** No

**Blade Material:** Steel



SKU	Blade Length	Blade Width	Quantity
680-33-115	10 ft	1/4 in	6 per box

### Powerlock® Tape Rules 1" Wide Blade

**Return Motion:** Spring



SKU	Blade Length	Measuring System	No. of Scales
680-33-425	25 ft	Inch	1
680-33-428	26 ft; 8 m	Inch/Metric	2
680-33-430	30 ft	Inch	1
680-33-835	35 ft	Inch	1

### Powerlock® Tape Rules 1" Wide Blade w/BladeArmor™

**Features:**

- 13% smaller case than the original design provides comfortable, easy to hold grip
- Belt clip on back of case makes it convenient for carrying around
- Blade Armor™ coating on the first six inches of tape blade reinforces durability and reduces blade breakage
- Eight feet of blade standout for extra reach
- Entire blade coated with Mylar® Polyester film for added durability
- Ridges along top and back of case easy to grip
- Stud-center marking convenient for framing purposes
- Top forward blade lock button

**Increment @ Scale:** 1/16 in @ 1 in

**Stud Markings:** 16 in; 19.2 in



SKU	Blade Length	Blade Width
680-33-516	16 ft	3/4 in
680-33-525	25 ft	1 in
680-33-530	30 ft	1 in

### Powerlock® Tape Rules 1/2" Wide Blade

**Mounting:** Belt Clip



SKU	Blade Length	No. of Scales	Stud Markings	Color
680-33-212	12 ft	1	16 in; 19.2 in	Metallic
680-33-215	3.5 m; 12 ft	2	No	Metallic
680-33-272	12 ft	1	No	Yellow

### Powerlock® Tape Rules 3/4" Wide Blade

**Color:** Metallic



SKU	Blade Length	No. of Scales	Stud Markings
680-33-116	16 ft	1	16 in; 19.2 in
680-33-312	12 ft	1	16 in; 19.2 in
680-33-158	16 ft; 5 m	2	No

### Stanley® Long Tapes

**Features:**

- Easy wind drum
- Easy to read markings
- Lock ring recoils neatly into contoured case

**Measuring System:** Inch

**Graduation(s):** 1/8 in.

**Blade Material:** Steel

**Quantity:** 6 per box



SKU	Blade Length
680-34-103	50 ft
680-34-106	100 ft

## STANLEY

### Stanley® Max™ Tape Rules

**Features:**

- Cushion grip provides comfortable, slip-resistant hold
  - 1-1/8" wide blade for easy readability
  - 10' blade standout
  - AirLock™ rubber slide lock is resistant to impact and makes locking and unlocking easy
  - High-impact ABS case with durable rubber-holds up to heavy use
  - Specially designed multi-catch hook grabs on top or bottom for versatility
  - Three-rivet, corrosion-resistant Tru-zero end hook for accurate measurements
- Blade Style:** English Scale  
**Blade Graduation Style:** 1/16  
**Measuring System:** Inch  
**Graduation(s):** Inch/Feet  
**No. of Scales:** 2  
**Stud Markings:** 16 in; 19.2 in  
**Blade Material:** Steel  
**Material:** Steel  
**Return Motion:** Spring Motor



SKU	Blade Length	Accuracy
680-33-279	25 ft	+/-1/16

### Tape Rules

**Features:**

- 7' standout
  - Polymer-coated blade for long life
  - Durable textured case for a non-slip grip
  - High-contrast colors for easy readability
- Blade Material:** Steel  
**End Type:** Hook  
**Color:** Yellow



SKU	Blade Length	Blade Width	Measuring System	Quantity
680-30-454	25 ft	1 in	Inch/Fractions	4 per box
680-30-456	26 ft; 8 m	1 in	Inch/Metric	6 per box
680-30-485	12 ft	1/2 in	Inch	6 per box
680-30-495	16 ft	3/4 in	Inch	6 per box
680-30-496	16 ft; 5 m	3/4 in	Inch/Metric	6 per box

## Lufkin®

### Lufkin® Measuring Tape Replacement Blades

**Features:**

- Replacement blade for Chrome Clad® measuring tape
  - Yellow with black lettering
- Blade Style:** B5  
**Replacement Parts**

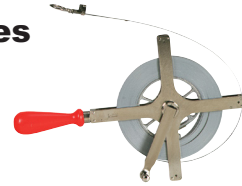


SKU	Blade Length	Blade Width
182-OC213D	50 ft	3/8 in

### Derrick Surveying Tapes

**Features:**

- Chrome Clad® blade
- Extra large winding drum provides rapid line recovery and permits tape line to be easily detached from reel
- Special hook ring with ribbed face at zero
- Leather thong is provided to use through eye at rear when tape is removed from reel



**Blade Thickness:** 0.019 in  
**Blade Material:** Steel  
**End Type:** Hook w/Ring

SKU	Blade Length	Blade Width	Increment @ Scale	No. of Scales
182-C2276D	100 ft	1/4 in	0.01 ft @ 1 ft	1
182-C2276ME	30 m; 100 ft	6 mm; 1/4 in	1 mm @ 1 m; 1/8 in @ 1 ft	2
182-CD2730DMM	30 m	6 mm	0.01 ft @ 1 ft	2
182-CD2750MME	164 ft	1/4 in	1 mm @ 1 m; 1/8 in @ 1 ft	2

## U.S. TAPE

### Derrick-Oil Gauging Tapes

**Features:**

- Safety yellow handle
  - Large hub flange protects tape tail from "pop out"
  - Longer crank arm speeds retraction
  - Special hook ring with ribbed face at zero
  - Leather thong is provided
- Reel Finish:** Chrome Plated



SKU	Blade Length	Blade Width
700-59625	100 ft	1/4 in

## Lufkin®

### Derrick Tape Refills

**Features:**

- Replacement blade for Derrick Chrome Clad® Tape
  - 1/4" x 100 ft
- Replacement Parts**



SKU	Blade Length	Blade Style
182-OC2276D	100 ft	E1
182-OC2276ME	30 m; 100 ft	E2



## Atlas Chrome Clad® Gauging Tapes

### Features:

- Black markings bonded to steel and recessed beneath multiple layers of nickel and chrome electroplating provides greater resistance to wear and corrosion
- All tapes read right to left
- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Plumb knob must be ordered separately
- Oil gauging tape for dark oils

**Blade Thickness:** 0.012 in

**Blade Style:** D4

**Increment @ Scale:** 1/8 in @ 1 ft

**No. of Scales:** 1

**Blade Material:** Steel

**End Type:** Swivel Snap



SKU	Blade Length
182-C129012SF	18 ft
182-C1290SF590	25 ft
182-C1293SF590	50 ft

## Atlas Chrome Clad®/Nubian® Double Duty Gauging Tapes

### Features:

- Black markings bonded to steel and recessed beneath multiple layers of nickel and chrome electroplating provides greater resistance to wear and corrosion
- All tapes read right to left
- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Plumb bob must be ordered separately

**Blade Thickness:** 0.012 in

**Blade Material:** Steel

**End Type:** Swivel Snap



SKU	Blade Length	Blade Width	Blade Style	No. of Scales
182-CN129012SF5	18 ft	1/2 in	D1	1
182-CN1290SF590	25 ft	1/2 in	D1	1
182-CN1290SME	25 ft; 8 m	1/2 in; 13 mm	D3	2
182-CN1291SF590	33 ft	1/2 in	D1	1
182-CN1293SF590	50 ft	1/2 in	D1	1
182-CN1293SMEF59	15 m; 50 ft	1/2 in; 13 mm	D3	2
182-CN1294SF590	66 ft	1/2 in	D1	1
182-CN1294SMEF59	20 m; 66 ft	1/2 in; 13 mm	D3	2
182-CN1295SF590	75 ft	1/2 in	D1	1
182-CN1296SMEF59	30 m; 100 ft	1/2 in; 13 mm	D3	2

## Atlas Nubian® Gauging Tapes

### Features:

- Ideal for gauging clear oils
- Etched background
- Blade protected by flowed-on epoxy coating
- Raised bright steel markings are clearly legible
- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Plumb bob must be ordered separately

**Blade Style:** D4

**Graduation(s):** 8ths

SKU	Blade Length	Blade Width
182-1290SF590	25 ft	1/2 in



## Oil Tank Gauging Tapes

### Features:

- Safety yellow handle with grounding wire
- Large hub flange protects tape tail for "Pop Out"
- New stronger core/handle interface has more threads per inch
- Longer crank arm speeds retraction

**Measuring System:** Inch

**Blade Material:** Plated Steel

**Reel Finish:** Chrome Plated

SKU	Blade Length	Blade Width
700-58813	25 ft	1/2 in
700-58814	25 ft	1/2 in



## Lufkin® Oil Gauging Tape Replacement Blades

### Features:

- Replacement measurement blade for Oil Gauging Atlas® Chrome Clad® Tape
- Durable finish

SKU	Length	Blade Style
182-O1290SF590	25 ft	D4
182-OC129012SF59	18 ft	D4
182-OC1290SF590	25 ft	D4
182-OCN129012SF5	18 ft	D1
182-OCN1290SF590	25 ft	D1
182-OCN1291SF590	33 ft	D1







## Oil Gauging Tape Replacement Blades



### Features:

- Highly durable and features large black, visible numbers
- End hook for easy attachment

**Measuring System:** Inch

SKU	Length	Width
700-58914	25 ft	1/2 in
700-59725	100 ft	1/4 in

## "LITTLE JOE"

### Wipers

#### Features:

- Framework constructed of tough light weight die cast aluminum alloy
- Stainless Steel screws, nuts, and heavy duty pin



SKU	Body Material
708-LITTLE-JOE	Aluminum



## Inage Oil Gauging Plumb Bobs

#### Features:

- For checking amount of liquid left in tank
- Blunt point
- Graduated in 1/8" reading upward

**Shape:** Round

**Tip Type:** Cone

**Material:** Brass



SKU	Dia.	Overall Length
182-590G	1 in	6 3/4 in
182-590	1 in	6 3/4 in
182-590GME	1 in	6 3/4 in

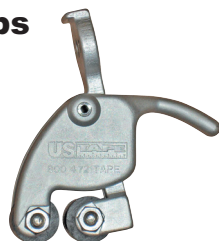


## Tank Gauging Plumb Bobs

#### Features:

- Solid-brass construction is durable and is rust resistant
- Screw top simplifies attaching string to center of plumb while its thru hole ensures easy tightening
- Replaceable, hardened steel tip is long-lasting

**Measuring System:** Metric



SKU
700-58899



## Rolatape Professional Series Wheels

#### Features:

- Dual counters
- Featuring all steel construction, a 5-digit ratchet counter, calibrated wide rubber tires

**Measuring System:** Feet

**No. of Wheels:** 1



SKU	Wheel Dia	Range	Length	Height	Width
114-32-400	15 1/4 in	100,000 ft	23 3/4 in	9 1/2 in	19 1/4 in



USA Division

## MK Series Measuring Wheels

#### Features:

- Adjustable twist and lock handle
- Polyvinyl tread for improved traction
- Magnifying lens for improved readability
- Accurate gear driven counter with push button reset

**Measuring System:** Feet/Inches

**Handle Type:** Pistol Grip

**Range:** 10,000 ft



SKU	Wheel Dia
416-MK3112	10 in
416-MK4512	14.3 in
416-MK6012	19 in

## ML Series Measuring Wheels

#### Features:

- Adjustable twist and lock handle
- Polyvinyl tread for improved traction
- Magnifying lens for improved readability
- Accurate gear driven counter with push button reset

**Measuring System:** Feet/Tenths



SKU	Wheel Dia	Range
416-ML1212	4 in	10,000 ft



## DuraWheel™ Pro Measuring Wheels

#### Features:

- Pistol grip brake and counter controls
- Folds for easy carrying
- Belt driven long-life counter

**Measuring System:** Ft/10ths

**Includes:** 68930 Carrying Case



SKU	Model No.	Wheel Dia
700-68900	DW-PRO	12 1/2 in

## Starrett

### 196 Series Universal Back-Plunger Dial Test Indicators

**Features:**

- Accurate and reliable
- Few moving parts
- 3 different styles of contact points
- Simple operation

**Graduation(s):** .001 in

**Dial Reading:** 0-100

**Tip Type:** Ball Point; Spherical Point

**Mounting:** Holding Bar

**Includes:** (3) Contact Points



SKU	Range	Accuracy
<b>Includes: Adapter</b>		
681-50699	0.2 in	±0.001 in
<b>Includes: Case; Clamp; Snug &amp; Hold Attachments; Tool Post Holder</b>		
681-50697	0.2 in	±0.001 in

### 25 Series AGD Group 2 Dial Indicators

**Features:**

- Balanced and tapered hands
- Furnished with a lug-on-center back
- Shockless hardened steel gear train and jewel bearings
- Rugged and simple unit construction with a “universally fitting” design
- Sharp bezel serrations for positive grip
- Unbreakable crystal
- Massive bridge for rigid bearing support
- Hardened stainless steel gears and pinions

**Graduation(s):** .001 in

**Dial Reading:** 0-50-0

**Thread Point @ TPI or Pitch:** #4 - 49

**Tip Type:** Radius Contact

**Tip Material:** Hardened Steel

**Display Dia:** 3 1/4 in

**Display Type:** Balanced Dial

**Mounting:** Lug-on Center Back; Stem



SKU	Range	Length	Width
681-53240	1/4 in	6.2 in	4.1 in

## Mitutoyo

### ID-C Standard Type Digimatic Indicators

**Features:**

- Large, easy-to-read LCD
- GO/±NG judgement is performed by setting the upper and lower tolerances for max., min. and runout values
- Internal calculations using the simple formula of  $[F(x)=Ax]$  are available

**Graduation(s):** .00005 in; .0001 in; .0005 in

**Tip Material:** Carbide

**Mounting:** Flat

**Model:** ID-C150EXB

**Operating Type:** Digimatic

**Output:** Yes



SKU	Range	Accuracy
504-543-492b	0 in - 2 in	.0002 in