

## MAGNETIC BASE INDICATOR HOLDERS

SERIES 221:

On/off switch controls strong permanent magnet. Complete with "V" area for clamping to round surfaces, 3 diameter dial holding rod with swivel adapter for lug back indicator to accept all AGD dial indicators, upright, swivel clamp, universal swivel attachment, and scriber.



Standard



Fine Adjustment

Order No.	Description	Price
1540000	Standard	
1540005	With Fine Adjustment	

## MAGNETIC BASE HOLDER

SERIES 221:

- Rugged **heavy duty** magnetic base.
- Grips flat or curved metal surfaces.
- Magnet molded in plastic base.
- 4" x 5/16" (100mm x 8 mm) steel center post.
- Base for many applications.

Order No.	Description	Size of Base	Price
1540025	Magnetic Base complete with assembly	2x1-1/2x1-1/4" 50x38x32mm	



## FLEXIBLE ARM MAGNETIC BASE

SERIES 221:

- Articulated arm style alnico magnetic base, positions and locks easily.
- Includes ON/OFF switch and central locking knob to tighten both arms.
- Includes two balls joints and one central cylindrical joint.
- Dial gage holder includes fine adjustment and full 360° swivel.
- Hydraulic clamping system suitable for dial gauges with stem of 1/4" (6.35 mm), 5/16 (8mm) and 3/8" (9.5mm) and dovetail indicators.
- Magnetic pull approx. 130 lbs. (60 Kgs.)

Order No.	Max Height	Base Dimension	Price
1540012	14"/ 355mm	2-1/2 x1-7/8x2-1/8" 63 x 48 x 55mm	



## MAGNETIC BASE INDICATOR HOLDERS

PUSH BUTTON TYPE

SERIES 221:

On/off button releases magnet. Supplied with universal clamp to accept all AGD indicators and long extended arm.

Base size : 1-3/4" Wide  
x 2" Height  
x 1-7/8" Depth



Standard

Fine Adjustment

Standard Type:	Order No. 1540050	Price
Fine Adjustment:	Order No. 1540075	Price

## HEAVY DUTY DIAL GAGE HOLDER

SERIES 79:

**Rigid, steel arm, nickel plated.**

- Has fine adjustment.
- NOGA central locking mechanism with spring loaded bearing.
- Powerful magnetic base 176LBF.

Model No.	Order No.	Price
MG61033	7910339	



## MAGNETIC BASE INDICATOR HOLDER

SERIES 221:

Accommodates almost all test and dial indicators. Precision adjustment controlled by thumb screw.



Dimensions	Order No.	Price
3-1/2" x 1-1/8" x 1-1/2" high	9210001	

## MAGNETIC BASE

SERIES 221:

- A universal magnetic base that will save time and improve accuracy
- Strong magnet with 45 lbs. of holding power
- Zinc die cast housing
- Size 4-1/2" x 1" x 1-1/4"
- 5 different locations for mounting accessories



Order No. 2220000
Price

## HEAVY DUTY MAGNETIC BASE INDICATOR HOLDER WITH ROTARY ON-OFF SWITCH - WITH OR WITHOUT



### STARRETT AGD DIAL INDICATORS

#### STARRETT SERIES 659:

Holder has a powerful permanent magnet base that attaches to flat or round surfaces. A swivel post snug positions the dial indicator at any height and at any vertical or horizontal angle – and provides for axial travel and rotation of the gage rod. A stem clamp with 3/8" (9.5mm) hole holds the indicator, allowing it to be faced in any direction. A knurled thumb screw locks each gage adjustment, with the final indicator setting accomplished by a fine adjustment at the opposite end of the gage rod.



A second tapped hole in one side of the base is for mounting the upright post horizontally or adding another post for multiple inspection work. Both the swivel post snug and base have precision ground base contact surfaces. Furnished with or without AGD indicator (.0005" graduation, 0-25-0 dial reading, .125" range or 0.01mm Grad., 0-50-0 Dial Reading, 2.5mm Range.) with jewel bearings. Has a rotary on-off switch and a form ground involute vee for accurate seating on round work up to 5" (125mm) diameter.

**Dimensions:** Base 2-3/8" x 2-3/8" x 3"; upright post and gage rod are 9-3/8" x 3/4" (238 x 19mm) diameter.

Description	Catalog No.	EDP No.	Price
Base with upright post, swivel snug gage rod, indicator clamp, fine Adjustment, threaded adapter, without indicator, without case	659A	56687	
Magnetic base with upright post, swivel snug, gage rod, indicator clamp, fine adjustment, threaded adapter, without indicator, in case	659AZ	55947	
Magnetic base with Upright Post Assembly, with inch reading indicator No. 25-131J in case	659BZ	55948	
Base and Upright Post Assembly with millimeter reading indicator No. 25-181J in case	659MBZ	64892	

## MAGNETIC BASE INDICATOR HOLDER WITH ATTACHMENTS



#### STARRETT SERIES 657:

Magnetic Base with attachments: Upright Base Post, Snug, Rod, Indicator Attachment, and Snug complete (1/4" and 3/8" holes)

- Base has three precision ground magnetic contact surfaces.
- Grips horizontally, vertically or upside down.
- V-step holds base to arbors, shafts, chucks.
- Push button on-off switch for one hand operation.
- Threaded end fits lug backs of all AGD indicators and miniature indicators.

Magnetic Base: 1-15/16"x1-5/8"x1-7/8" (50x40x48mm) deep

Catalog No.	EDP No.	Price
657AA	52743	



## MAGNETIC BASE INDICATOR HOLDER WITH ATTACHMENTS



STARRETT SERIES 657:

Base has three precision ground magnetic contact surfaces. Grips horizontally, vertically or upside down. V-step holds base to arbors, shafts, chucks, and other round surfaces. Extra 1/4-20NC tapped hole in one side of base (not shown) for mounting post.

Upright Base Post: 3/8"(9.5mm) diameter x 7-7/16"(190mm) length overall.

Swivel Post Snug: Allows universal indicator adjustment-up and down, to any vertical angle, in a complete circle, and any distance from the base along the gage holding rod.

Snug has two 3/8"(9.5mm) diameter holes.

Gage Holding Rod: 3/8"(9.5mm) diameter x 9-1/2" (240mm) long. Clamping mechanism for gripping lug back of AGD dial indicators and miniature dial indicators.

Indicator may be set at any angle by loosening binding screw.

Magnetic Base: 1-15/16" x 1-5/8" x 1-7/8" (50x40x48mm). Push button on-off switch.



Description	Catalog No.	EDP No.	Price
Magnetic base with post, snug and rod	657D	52749	
Magnetic base ONLY, without post or attachments	657P	52757	

## UNIVERSAL INDICATOR HOLDER WITH TRIPLE - JOINTED ARM AND FINE ADJUSTMENT



#### STARRETT SERIES 657:

Universal Indicator Holder with Fine-Adjustment, Magnetic Base, Indicator Holding Rod, and Snug

- Versatile holder has three pivots for positioning the indicator.
- Working area is within a hemisphere having a radius of approximately 12"(300mm).
- Will hold indicators with 3/8"(9.5mm) stem, 1/4" (6.3mm) or 3/16"(4.7mm) shank, standard dovetail mount or body clamp.

Catalog No.	EDP No.	Price
657 - 1	64436	



The very sensitive fine-adjustment is located on the magnetic base to eliminate indicator deflection when it is being adjusted.

## MAGNETIC STANDS



#### MIT SERIES 7:

MITUTOYO Magnetic Stands, accept all AGD-type Dial Indicators.

Test Indicators and Probes having 3/8" diameter shank and/or Lug Back with 1/4" diameter mounting hole.

The ON-Off Switch offers instant mounting and dismounting without any adverse effect to the indicators or work surface.



Indicator not included.

Catalog No.	Description	Order No.	Price
7010S	With 6" rod and universal clamp	7010	
7011BN	With 6" adjustable rod and universal clamp	7011	

## UNIVERSAL MAGNETIC INDICATOR HOLDERS

SERIES 221:

- Two universal ball sockets permits adjustment to any angle or position.
- Dovetail clamp for test indicators.
- 1/4" (6.35mm) hole for 1/4" (6.35mm) stem indicators.
- Provided with extension rod 1/4" x 3-1/2" (6.35 x 90mm)
- Powerful magnetic force.



## MINI MAGNETIC BASE INDICATOR HOLDERS

SERIES 221:

Small size and strong magnetic holding power for mounting indicators in not easily accessible locations.

- Height of base: 1"
- Diameter of base: 1"
- Height of rod: 3-1/2"
- Diameter of rod: 1/4"

Includes universal holder and disc on bottom for neutralizing magnet when not in use.



Standard      Fine Adjustment



Order No.	Description	Base Dia.	Base Height	Body Height	Price
1540002	Without Fine Adjustment	1-3/16"/30mm	1"/25mm	5"/125mm	
1540003	With fine Adjustment	1-3/16"/30mm	1"/25mm	4-3/4"/120mm	

Order No.	Description	Price
1540015	Standard	
1540020	With Fine Adjustment	

PRECISION TOOLS

## MAGNETIC BASE INDICATOR HOLDER - FLEXIBLE TYPE

SERIES 221:



Strong magnetic holding power includes "V" area for clamping to round surfaces. On/off switch, made of hardened and ground components, flexes almost 360°, and is rigidly locked into position with a lever. Includes 5" rod having 3 different diameters and a swivel adapter for lug back indicators to accept all AGD dial indicators.

## NOGAFLEX POPEYE MAGNETIC BASE

SERIES 79:

- Unique, 5 axis, 3 dimensional holder.
- Has a unique patented 360° fine adjustment at the base.
- Central locking mechanism with NOGA designed spring loaded bearing.
- On/off magnetic base 70LBF.
- Holds test and dial indicator on 3/8" adapter to 6mm and dovetail. (Also inch sizes).



Model No.	Order No.	Price
NF1024	791024	

Order No. 1540011	Price

## MAGNETIC BASES

SERIES 986:  
(The Original)



Model No. 18028

Instant Positioning--Instant Locking  
Universal Holders/Positioners For AGD Indicators and Electronic Sensors (Lug Backs Too)

The heavy duty FLEXBAR is completely flexible: lets you reach over, under, around, instantly and surely. Elimination of the large assortment of rods, swivels, clamps and other hardware necessary to reach and measure in obstructed areas. Cuts set-up time as much as 75% to 90%. FLEXBAR sets and locks with a simple twist of the lever.

- Top Mounting Clamp ("B"): (Telescoping Action) Grips objects from .125" up to .510" diameter.
- Cable and swaged fittings are stainless aircraft & Mil Spec Grade.
- Locked by Tensioning of Cable, incredible rigidity is achieved by this design. (No Movement once locked)
- Cam Action Locking.



Model No. 18058

Model No. 18028	Flexbar on Push-Button Mag. Base with Micro-Screw Fine Adjustor	Order No. 8618028	Price	
Model No. 18058	Flexbar on V-Button Mag. Base with In Line Fine Adjustor	Order No. 8618058	Price	
Model No. 18038	Flexbar on V-Button Mag. Base with Fine Adjustor Rod	Order No. 8618038	Price	

## FLEX-O-POST INDICATOR HOLDER WITH MAGNETIC BASE

STARRETT SERIES 657:



The Flex-O-Post is an assembly of short tubular steel sections and precision ball joints linked by an internal steel cable. It can be adjusted to any position and locked by turning a lever near the magnetic base. When locked, the post becomes rigid, holding its position until the locking lever is released. This makes it possible to use an AGD dial indicator or a dial test indicator in awkward places hard to reach with conventional holding devices. Base has three precision ground magnetic contact surfaces. Grips horizontally, vertically or upside down. V-step holds base to arbors, shafts, chucks.

Assembled to the magnetic base, the Flex-O-Post has a vertical reach of 14-15/16" (380mm) and a horizontal reach of 9-3/4" (250mm). The indicator snug can be rotated through 360° and locked in any position by a knurled thumb screw.



Description	Catalog No.	EDP No.	Price
Magnetic base with Flex-O-Post, without fine adjustment attachment	657T	52760	
Magnetic base with Flex-O-Post, with fine adjustment attachment	657TW	52761	

## UNIVERSAL MAGNETIC STAND



MIT SERIES 7:

(Stand only)

- Accepts all AGD .375" and 8mm stems.
- Accepts Dial and Test Indicators.
- Overall Length: Approx. 15".
- Permanent magnet with on-off switch.
- Collar included for 8mm stem indicators.
- Magnetic Pull - 132 lbs.



Order No. 7019	Price	
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## FLEXI-STAND

MIT SERIES 7:

(Stand only)

- Accepts all AGD .375" and 8mm stems. Must order Collar **206983** for 8mm stem.
- Accepts Dial and Test Indicators.
- 360 pivot, Multi-jointed arms.
- One clamping knob locks all flexible joints.
- On-Off Switch for instant mounting and dismounting.
- Magnetic Pull - 132 lbs.
- Overall Length: Approx. 15".



Order No. 7012	Price	
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## MAGNETIC BASE INDICATOR HOLDER WITH SWIVEL POST ASSEMBLY

STARRETT SERIES 657:



Power magnet base holds firmly to steel or iron surfaces – horizontally, vertically, upside-down. Push-button turns magnetic force on or off for quick, one-hand set-up and take-down. V-step adapts base to horizontal or vertical arbors and chucks. Extra 1/4-20 tapped hole in side of base for indicator post. Three precision ground magnetic contact surfaces (plus V-step). Black wrinkle finish on non-working surfaces. For use with Starrett Model 711 Series Last Word Dial Test Indicators, Starrett Model 196 Series Universal Dial Test Indicators and similar indicators of other manufacture.



Magnetic Base: 1-15/16" x 1-5/8" x 1-7/8 (50x40x48mm) deep

Description	Catalog No.	EDP No.	Price
Magnetic base with indicator swivel post assembly and adapter bushing, complete	657A	52744	
Magnetic base only	657P	52757	

## MINI MAGNETIC STANDS

SERIES 221:



- Compact and small universal permanent magnetic stand.
- High magnetic power affords maximum rigidity.
- Includes disc on bottom for neutralizing magnet when not in use.



Order No.	Description	Base Dia.	Total Height	Price
1540016	Without Fine Adjustment	1-1/8"/28mm	5"/125mm	
1540021	With Fine Adjustment	1-1/8"/28mm	5-3/8"/135mm	

## UNIVERSAL INDICATOR HOLDER

SERIES 219:



- Ideal for Bridgeport®-type machines.
- A quicker way of indicating.
- Suitable for all popular indicators with 5/32" shank or dovetail.
- Mounts with a single screw directly on machine quill, bypassing the working tool.
- Adapts immediately for fast and positive indicating.



Order No. 2199500	Price	
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## TEST INDICATOR HOLDER

SERIES 79:



- Test indicator holder arm with 3/8" diameter, 40mm long stem.
- Most useful for centering holes on milling machines.



Model No.	Order No.	Price
NF1018	791018	

## GRANITE DIAL GAGE STAND SERIES 223:

Black granite base can be used as a small tool-maker's and inspector's granite surface plate. Fine adjustment knob. For use with any indicator.

### SPECIFICATIONS

.00005" Flatness  
Base: 6" x 6" x 2" Thick  
Column Height: 10"

Order No. 1545000

Price



Indicator not Included



## DIAL COMPARATOR STAND WITH FINE ADJUSTMENT SERIES 223:

Anvil Size: 2-3/8" (60mm)  
Throat Depth: 3" (75mm)  
Measuring Range: 5" (125mm)

- Compact and versatile
- Rugged enamelled cast iron base
- Rustproof chrome plated column at right angle to base
- Hardened and precision ground round serrated anvil
- Provided with fine adjustment knob for zero setting
- Suitable for all dial gages including 3/8" and 5/16" dia. stem
- Base dimension: 6" x 4" (150 x 100mm)
- Column diameter: 1" (25.4mm)

Order No. 2230000

Price



Indicator not Included

## DIAL GAGE STAND SERIES 223:

Precision Ground Base.  
Fine adjustment knob.  
For use with any indicator.

### SPECIFICATIONS:

Base: 5-1/2" x 4-1/4"  
Column Diameter: 1"  
Working Capacity: 8-1/2"

Order No. 1545005

Price



Indicator not Included



## DIAL COMPARATORS STARRETT SERIES 653, 653G:



Bench type comparator gages are ruggedly built for in-process and final inspection work. The Starrett jewel-bearing dial indicator is mounted on a beam that can be adjusted vertically on an upright post. A knurled thumb screw locks the beam in any position, and a sliding ring with locking screw (below the beam) permits swinging the indicator to either side. The ring also acts as a safety device, preventing accidental dropping of the beam. Fine adjusting knob is located on the beam. Lever on dial indicator can be positioned for left or right hand operation. A ribbed, precision ground, cast iron base measures approximately 8" x 9" (200x225mm). A Grade A crystal pink granite base, 8" x 12" x 2" (200x300x50mm), finished to an overall tolerance of .0001" (0.0025mm). Specifications common to both gages are: 9-1/4" (235mm) maximum vertical capacity; 5" (125mm) maximum throat depth; 1/2" (12.7mm) vertical adjustment of indicator. Any AGD dial indicator or AGD electronic digital indicator can be interchanged with indicators listed.



## MACHINIST KITS SERIES 640:

With the high quality tools contained in these kits, O.D.'s, I.D.'s, Depths, and Lengths can be accurately and reliably measured. Fitted plastic case.



0-1" Micrometer	6" Dial Caliper	6" Rule
<ul style="list-style-type: none"> <li>• .0001" grad.</li> <li>• Carbide tipped faces</li> <li>• Friction thimble</li> <li>• Satin chrome sleeve</li> <li>• Locknut</li> </ul>	<ul style="list-style-type: none"> <li>• Reading .001"</li> <li>• Fully hardened stainless steel</li> <li>• Outside, inside and depth measurement</li> <li>• Satin chrome finish</li> </ul>	<ul style="list-style-type: none"> <li>• 1/8, 1/16, 1/32, 1/64 graduations</li> <li>• Satin chrome finish</li> <li>• Stainless steel</li> <li>• Fully flexible</li> </ul>
Order No. 6400001		Price <input type="text"/>

## TOOL KITS SERIES 640:



Order No.	Description	Price
3 Piece Set 6400003	0-6" White face Dial Caliper .03x.0005" White face Test Indicator 0-1x.0001" Outside Micrometer	<input type="text"/>
6 Piece Set 6400006	0-6" White face Dial Caliper 0-1" White face Dial Indicator .03x.0005" White face Test Indicator 0-1x.0001" Outside Micrometer Magnetic Base W/fine adj. 22-pc Indicator Point Set	<input type="text"/>

### Complete Stands Including Indicator

Dial Indicator Specifications				With Cast Iron Base		
Grad.	Dial Reading	Range	Indicator No.	Catalog No.	EDP No.	Price
.001"	0-50-0	.250"	655-141J	653J	52737	<input type="text"/>
0.01mm		2.5mm	655-181J	653MJ	56146	<input type="text"/>

### Complete Stands Including Indicator

Dial Indicator Specifications				With Granite Base		
Grad.	Dial Reading	Range	Indicator No.	Catalog No.	EDP No.	Price
.001"	0-50-0	.250"	655-141J	653GJ	55966	<input type="text"/>
0.01mm		2.5mm	655-181J	653GMJ	56127	<input type="text"/>

### Stands Only

Description	Catalog No.	EDP No.	Price
Comparator with cast iron base, without indicator	653	55917	<input type="text"/>
Comparator with granite base, without indicator	653G	56646	<input type="text"/>