FLEXBAR MIGHTY MAG
The Versatile Magnetic Base
Powerful—Accurate—50 Lb. Pull. Zinc Die-Cast Housing Has Nicely Painted Finish

- 5 different locations for mounting accessories.
- 3 positions 1/4-20 for lug mounts.
- 1 tapped hole 10-32.
- 1 reamed hole 3/8".
- 1 utility hole with clamping screw.
- Size 4 3/4" x 1" x 1 1/4".

No. 11068, Mighty Mag
No. 12026, Mighty Mag with 1" Travel Indicator (No. 12001)
No. 12090, Mighty Mag with 2" Travel Indicator (No. 12038)

FLEXBAR DELUXE COMPACT INDICATOR STAND
Made in U.S.A.
Ideal For Tight Spaces On Machine Tools
- Heavy-Duty Construction.
- Mag Base 1 3/8" Diameter x 1 1/4" High.
- Main Post with fine adjustor is 15/16" Diameter x 4 3/8" High.
- Secondary Post is 1/4" Diameter x 6" Long.
- Smooth fine adjustor.
- Includes Multi-Indicator Clamp.

Model No. 18209, Deluxe Compact Indicator Stand
(Does not include indicator)

FLEXBAR MINI PUSH-BUTTON MAGNETIC BASE STAND
Ideal For Very Tight Work Areas
Features strong magnetic base with fine adjuster

Model No. 18410, Standard Mini Mag-Based Stand. Dual Usage:
1. For all AGD dial indicators with standard lug back.
2. For Flexbar and other test indicators (Must order No. 18019 separately below).

One end of rod is designed to hold lug back indicators, and the opposite end can accommodate test indicators when used with Model No. 18019 Precision Multi-Clamp.

Base Dimensions: 1 1/4"W x 1 1/4"L x 1 1/4"H.
Primary Post/Fine Adjustor: 4 1/2"H x .308" Dia.
Secondary Arm: 6" Long x .230" Dia. (steps down to .206" Dia. at end).

Model No. 18410, Standard Mini Push-Button Magnetic Base Stand
Model No. 18019, Precision Multi-Clamp Test Indicator Holder Attachment (Not Shown).

LOW PROFILE DIAL INDICATOR STANDS
For Central Lug Back Mounting of AGD Dial Indicators

No. 11071 On/Off Mag Base Only (as shown), less indicator. Mag Base 3 1/2" L x 1 1/8" W x 1" H with On/Off Lever. (Indicator not included)

LOW PROFILE USE

FLEXBAR MINI PUSH-BUTTON MAGNETIC BASE STAND
Ideal For Very Tight Work Areas
Features strong magnetic base with fine adjuster

Model No. 18410, Standard Mini Mag-Based Stand. Dual Usage:
1. For all AGD dial indicators with standard lug back.
2. For Flexbar and other test indicators (Must order No. 18019 separately below).

One end of rod is designed to hold lug back indicators, and the opposite end can accommodate test indicators when used with Model No. 18019 Precision Multi-Clamp.

Base Dimensions: 1 1/4"W x 1 1/4"L x 1 1/4"H.
Primary Post/Fine Adjustor: 4 1/2"H x .308" Dia.
Secondary Arm: 6" Long x .230" Dia. (steps down to .206" Dia. at end).

Model No. 18410, Standard Mini Push-Button Magnetic Base Stand
Model No. 18019, Precision Multi-Clamp Test Indicator Holder Attachment (Not Shown).

PRECISION TRANSFER STAND
Model No. 18282
12" Precision Transfer Stand. Indicator not included in price.
**FLEXBAR GRANITE BASE INDICATOR STANDS**

A Wide Range of Sizes and Styles To Fit Most Needs

**EXCLUSIVELY FROM FLEXBAR**

**THE GRANITE QUICK CHECK**

**Dial Indicator Stand**

Provides Rapid Height Positioning And Fine Adjustment With The Turn Of A Knob

Features:
- Ultra-Smooth Rack & Pinion Indicator Positioner offers 2” of vertical travel
- Rapid adjustment for checking multiple height features on parts
- Twin knobs for left or right hand positioning
- Stem mount indicator holding arm accommodates both 3/8” and 8mm diameter stems
- Granite Base: 8” x 6” x 2” high .00005” flatness
- Stainless Steel Column
- Column Height: 12”
- Column diameter: 3/16”

Can be used with any AGD indicator

Model No. **15825**, Flexbar Granite Quick Check Indicator Stand (Dial indicator is not included - order separately)

**2 Models: Standard & Large**

**FLEXBAR PRECISION**

**GRANITE CHECK**

Lugmount Style Indicator Stands

IT’S A BLACK GRANITE SURFACE PLATE!
IT’S A DIAL COMPARATOR STAND!

- Microscrew Fingertip Control, Fine Adjustor.
- .00005” Flatness.
- Granite Base: 6” x 6” x 2” High or 8” x 6” x 2” H.
- 10” Height.
- Accepts All AGD Indicators.

Model No. **12034**, 6” x 6” x 2” Base Model

**NEW LARGE MODEL GRANITE CHECK**

Model No. **12035**, 8” x 6” x 2” Base

**HEAVY-DUTY LUGMOUNT AND STEM-MOUNT GRANITE BASE INDICATOR STANDS**

Now Available in 2 Sizes:

- 9” x 12” and 12” x 18”

- Grade B granite bases are supplied with either lugmount or stem-mount* indicator holder.
- *3/8” diameter stem-mount includes bushing for 8mm stems.
- All models include adjustable indicator holding arm with fine adjustor knob.
- Column diameter is 1.250”.
- Column height is 12”.

Shown: Model No. **17552**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Base Size</th>
<th>Style</th>
<th>Overall Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>17493</td>
<td>9” x 12” x 3”</td>
<td>Stem-Mount</td>
<td>15”</td>
</tr>
<tr>
<td>17552</td>
<td>9” x 12” x 3”</td>
<td>Lugmount</td>
<td>15”</td>
</tr>
<tr>
<td>17494</td>
<td>12” x 18” x 3”</td>
<td>Stem-Mount</td>
<td>15”</td>
</tr>
<tr>
<td>17553</td>
<td>12” x 18” x 3”</td>
<td>Lugmount</td>
<td>15”</td>
</tr>
</tbody>
</table>

Above Models: Indicator not included
HEAVY DUTY DIAL GAGE STANDS

Premium Quality Stands Easily Adapted For Thickness Readings and Comparator Work.
Made In Germany

- Measuring Surface: Hardened, ground and lapped.
- Flatness: 0.002mm/.0001"
- Dial Gage Holder: 3/8" dia. with 8mm bushing adapter.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Total Measuring Height mm</th>
<th>Table Size Ø mm</th>
<th>Beam Ø mm</th>
<th>Weight Approx. Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>17911</td>
<td>200/100</td>
<td>50</td>
<td>22</td>
<td>5.0</td>
</tr>
<tr>
<td>17912</td>
<td>200/100</td>
<td>60 x 70</td>
<td>22</td>
<td>7.0</td>
</tr>
</tbody>
</table>

Above Models: Indicator not included

FLEXBAR HEAVY DUTY DIAL GAGE STAND

Premium Quality Stand Easily Adapted For Thickness Readings and Comparator Work.

- Serrated Measuring Plate: 3¾" x 3¾".
- Measuring Surface: Hardened, ground and lapped.
- Flatness: 0.002mm/.0001".
- Dial Gage Holder: 3/8" dia. with 8mm bushing adapter.
- Heavy Duty Cast Iron Base, enameled.
- Fine Adjustment Knob for Zero Setting.
- Post Dimensions: 9" Long x 1.18" diameter.
- Measuring plate is removable.
- Weight: 12 lbs.
Model No. 18422, Flexbar Heavy Duty Dial Gage Stand
(Does not include Dial Indicator)

PRECISION SERRATED ANVIL DIAL GAGE STAND

This versatile dial gage stand is easily adapted to thickness gages and for comparator work.

Features:
- Cast iron base.
- Furnished with a serrated anvil which is ground and lapped and removable.
- Features rapid preliminary positioning adjustment and a positive locking screw.
- The sturdy, enameled cast iron base is 3/4" x 5/8".
- Rugged bracket holds dial indicator firmly in place.
- Anvil diameter is 2½", 5/8" thick.
- Post is ground and chromed steel and is 6" in height.
- Fine adjustment knob for zero setting.
- Can be used with any A.G.D. dial indicator.
- Can be used with dial indicator gages or electronic cartridge probes.
- Price includes anvil.

Model No. 18055, Dial Gage Stand with serrated anvil and fine adjustor.
Exclusive North American Agent
strato line & classic line
3d articulated gaging arms
Universal Positioning - Highest Stability

FISSO articulated arms can be positioned in any way desired both easily and precisely. All three arm sections can be fixed and moved with the central tightening knob.

Main System Features:

- **Powerful and permanent clamping**
The friction clamp is based on an infinitely adjustable and purely mechanical clamping system. Its precisely fitting ball-and-socket joint produces a high degree of static friction which ensures maximum stability. The pre-tension prevents the arm from collapsing unexpectedly, which protects sensitive measuring instruments from damage.

- **Precise microfine adjustment**
Made of high-quality steel, the zero-play fine adjustment ensures precise positioning of the gauging instrument and a high degree of measuring precision and repeatable accuracy. Combined holder for dial gauges and electronic length probes with shaft diameters of 8mm (or 3/8") and gauges with dovetails.

- **Cleverly designed central tightening system**
Three joints can be fixed and moved in five different directions with a single touch. The purely mechanical and infinitely adjustable central tightening system with the quick lock offers the greatest possible ease of operation.

- **Stability**
The precisely fitting in the ball-and-socket joint produces a great deal of static friction. Generously dimensioned components provide the desired stability.

- **Secure, stable bases**
A safe, stable base provides the essential foundation for precise measurements. The articulated arms can be mounted as desired, on a strong magnet, vacuum or a granite sliding base.

Shown Above:
The Strato line is a modern series with red anodized arm sections made of a high-quality light metal alloy. The arms are available in three sizes with radiiuses of movement of 130, 200 and 280 mm and can be mounted on a magnetic, vacuum or granite sliding base.

FISSO articulated arms are maintenance free and have an extremely long service life.

Shown Right:
The Classic line contains proven products with chrome-plated arm sections. The articulated arms themselves are available in four different sizes, with radiiuses of movement of 200, 280, 420 or 620mm. As desired, they can be mounted on magnetic or vacuum bases.

Unlimited number of uses
If you need to precisely position objects often, FISSO articulated arms are the perfect solution.

FISSO’s wide variety of models and their useful accessories are used around the world in a variety of ways, e.g. metrology, machine engineering, optics, photography and medicine.
Stratoline & classic line Models available in Four basic sizes:

I. The smallest Classic & Strato models, designed for use with probes mounted on machine tools, in measuring devices and when space is at a premium. The pre-tension is not adjustable.

II. The medium-sized Classic & Strato models, for meters and dial gauges, can be used in all manufacturing areas. The pre-tension is not adjustable.

III. The largest Classic & Strato models, with infinitely adjustable pre-tension to protect the gauging equipment.

IV. The Maxi Classic model, for the largest workpieces and machines, with infinitely adjustable pre-tension to protect the gauging equipment.
I. Strato Line 3D articulated arms for gauges, with fine adjustment and base

<table>
<thead>
<tr>
<th>Model (Type) Order No.</th>
<th>Approx. total height mm/in.</th>
<th>Approx. radius of movement mm/in.</th>
<th>Base Type</th>
<th>Base Size (L x W x H) mm</th>
<th>Switchable on/off</th>
<th>Approx. adhesive power, Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XS-13 F + S2</td>
<td>210/8.3&quot;</td>
<td>130/5.15&quot;</td>
<td>Switch magnet S2</td>
<td>34 x 30 x 35</td>
<td>Yes</td>
<td>67</td>
</tr>
<tr>
<td>XS-13 F + TMS</td>
<td>210/8.3&quot;</td>
<td>130/5.15&quot;</td>
<td>Pot magnet TMS</td>
<td>Ø 30 x 25</td>
<td>No</td>
<td>38</td>
</tr>
<tr>
<td>XS-13 F</td>
<td>185/7.3&quot;</td>
<td>130/5.15&quot;</td>
<td>None</td>
<td>Thread M6</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>S-20 F + M</td>
<td>310/12.3&quot;</td>
<td>200/8&quot;</td>
<td>Switch magnet M</td>
<td>60 x 50 x 55</td>
<td>Yes</td>
<td>168</td>
</tr>
<tr>
<td>S-20 F + TM</td>
<td>355/13.25&quot;</td>
<td>200/8&quot;</td>
<td>Pot magnet TM</td>
<td>Ø 40 x 30</td>
<td>No</td>
<td>67</td>
</tr>
<tr>
<td>S-20 F + AM</td>
<td>310/12.3&quot;</td>
<td>200/8&quot;</td>
<td>Anyform magnet AM</td>
<td>77 x 48 x 55</td>
<td>No</td>
<td>134</td>
</tr>
<tr>
<td>S-20 F + V</td>
<td>285/11.3&quot;</td>
<td>200/8&quot;</td>
<td>Vacuum base V</td>
<td>Ø 88 x 27</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>S-20 F</td>
<td>255/10&quot;</td>
<td>200/8&quot;</td>
<td>None</td>
<td>Thread M8</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>M-28 F + M</td>
<td>390/15.4&quot;</td>
<td>280/11&quot;</td>
<td>Switch magnet M</td>
<td>60 x 50 x 55</td>
<td>Yes</td>
<td>168</td>
</tr>
<tr>
<td>M-28 F + V</td>
<td>385/15.4&quot;</td>
<td>280/11&quot;</td>
<td>Vacuum base V</td>
<td>Ø 88 x 27</td>
<td>Yes</td>
<td>-</td>
</tr>
<tr>
<td>M-28 F</td>
<td>335/13.25&quot;</td>
<td>280/11&quot;</td>
<td>None</td>
<td>Thread M8</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>M-28 F + G</td>
<td>385/15.2&quot;</td>
<td>280/11&quot;</td>
<td>Granite sliding base G</td>
<td>150 x 120 x 50</td>
<td>No</td>
<td>202</td>
</tr>
<tr>
<td>M-28 F + S2</td>
<td>390/15.4&quot;</td>
<td>280/11&quot;</td>
<td>Switch magnet S2</td>
<td>75 x 30 x 55</td>
<td>Yes</td>
<td>202</td>
</tr>
</tbody>
</table>

US standard; micro adjustment with a seat diameter of 3/8" is supplied unless 8mm is specified.

II. Classic Line 3D articulated arms for gauges, with fine adjustment and base

<table>
<thead>
<tr>
<th>Classic Articulated Arms Only (w/o fine adjuster or base)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model (Type) Order No. Approx. radius of movement mm/in. Approx. carrying capacity Lbs.</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>2200-20 F + M</td>
</tr>
<tr>
<td>2200-20 F + V</td>
</tr>
<tr>
<td>3300-28 F + M</td>
</tr>
<tr>
<td>5000-625 S</td>
</tr>
</tbody>
</table>

Microfine adjustment only

<table>
<thead>
<tr>
<th>Model Order No.</th>
<th>Hole Diameter</th>
<th>Dovetail</th>
<th>Connection Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB, M6</td>
<td>14834 8mm</td>
<td>Yes</td>
<td>M6</td>
</tr>
<tr>
<td>DB, M8</td>
<td>14835 8mm</td>
<td>Yes</td>
<td>M8</td>
</tr>
<tr>
<td>D3/8&quot;, M6</td>
<td>14836 3/8&quot;</td>
<td>Yes</td>
<td>M6</td>
</tr>
<tr>
<td>D3/8&quot;, M8</td>
<td>14837 3/8&quot;</td>
<td>Yes</td>
<td>M8</td>
</tr>
</tbody>
</table>

Base Only

<table>
<thead>
<tr>
<th>Model Order No.</th>
<th>Dimen. LxWxH mm</th>
<th>Approx. adhesive power, Lbs.</th>
<th>Connection Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 10998</td>
<td>60 x 50 x 55</td>
<td>168</td>
<td>M8</td>
</tr>
<tr>
<td>SM 14850</td>
<td>75 x 50 x 55</td>
<td>202</td>
<td>M8</td>
</tr>
<tr>
<td>MM 14856</td>
<td>120 x 60 x 55</td>
<td>269</td>
<td>M10 x 1,25</td>
</tr>
<tr>
<td>TM 14851</td>
<td>Ø 40 x 30</td>
<td>67</td>
<td>M8</td>
</tr>
<tr>
<td>AM 11018</td>
<td>77 x 48 x 55</td>
<td>134</td>
<td>M8</td>
</tr>
<tr>
<td>S2 14853</td>
<td>34 x 30 x 35</td>
<td>67</td>
<td>M6</td>
</tr>
<tr>
<td>TMS 14854</td>
<td>Ø 30 x 25</td>
<td>38</td>
<td>M6</td>
</tr>
<tr>
<td>V 18418</td>
<td>Ø 88 x 27</td>
<td>-</td>
<td>M8</td>
</tr>
<tr>
<td>G 14855</td>
<td>150 x 120 x 50</td>
<td>-</td>
<td>M8</td>
</tr>
</tbody>
</table>
ANYFORM MAGNETIC BASE
Adapts To Any Shape, Any Contour
Designed and Manufactured in U.S.A.

- 70 steel segments independently align and attach themselves firmly to uneven surfaces.
- Single cam lock mechanism locks segments in adapted (finely adjustable) form.
- Powerful magnetic base: 1 3/4" x 2 1/4".
- Rigid one piece construction.
- Eliminates costly set-up positions such as extra fixtures in unconventional uses.
- One year warranty.

Model No. 11016 Anyform Magnetic Base with stand.
Model No. 11017 Anyform Magnetic Base with fine adjustment and stand.
Model No. 11018 Anyform Magnetic Base only, 8mm x 1.25mm threaded mounting hole.

SPECIAL FLEXBAR MODEL:
Model No. 11014 Anyform Magnetic Base with Flexbar Arm
Model No. 11031 with Fine Adjuster Universal Rod.
Model No. 11161 Anyform Magnetic Base with Swiss Style Holding Arm (No. 16822) (see page 119.)
OFF-THE-POST FLEXBARS®
Maximum Rigidity • Excellent Positioning

Made in U.S.A.
U.S. Patent No. D239131

PRECISION ENGINEERED
• Instruments held by Flexbar do not drift.
• Instant Positioning - Instant Locking.
• Post Clamp (Clevis) Fits ⅜" Dia. Post.
• Supports up to 4 lb. Load.
• Accurate tool and instrument positioner.

USE WITH: AGD and Test Indicators, Sensors, Magnifiers, Optic Probes, Wires for Welding, etc.

FLEXBAR DIMENSIONS:
• Bottom of base to top of ⅜" Dia. Post - 9".
• Length of Flexbar itself - 10".
• Cable: 19 strand stainless steel wire has aircraft grade swaged fittings.
• Patented Drawbar & Locking Knob design produces incredibly rigid arm, once locked.
• Top Mounting Clamp grips all shapes .125" to .510" dia.

FLEXBAR MODELS:
Model No. 18046 Flexbar without mag. base (as shown above). (Post Clamp fits ⅜" dia. Post) Other sized post clamps supplied upon request.
Model No. 18047* Flexbar with mag. base and fine adjustment.
Model No. 18045* Flexbar with mag. base (no fine adjustment).

*On/Off Mag. Base - 2" x 2⅜" x 2⅜/16".

Replacement Cable:
Model No. 80063-6 Ball & Thread Cable for Flexbar Models 18045-18047 (comes with easy instructions for replacing cable).

OFF-THE-POST
JUMBO FLEXBARS®
Heavy-Duty Flexible Holding Devices
• Knob locking, extra heavy cable.
• Extra heavy ball joints.
• Holds payload of 5 lbs. or more.

DIMENSIONS
(A) Bottom of base to top of post (only).
No. 18042 — 6"
No. 18043 — 10"
No. 18044 — 11"
Model No. 18041 Flexbar, ARM ONLY.
Model No. 18042 Flexbar on 6" post with mounting flange.
Model No. 18043 Flexbar on 6" post with fine adjustor on LARGE ON/OFF LEVER MAGNETIC BASE*.

(B) Length of flexbar to post clamp — 13".
(C) For total length add "A + B".

Model No. 18044 Flexbar on 6" post on on/off magnetic base - SAME AS No. 18043 (Shown) BUT WITHOUT FINE ADJUSTER.

*MAGNETIC BASE: 2⅜/8 x 2" x 4⅝/16" DEEP.

Replacement Cable:
Model No. 80063-1 Ball & Thread for Jumbo Flexbar Models 18041-18044 (includes easy instructions for replacing cable).

- 121 -
Flexible Arm has 14 Balls & Sockets and When Flexed Can turn a 2½" Dia. Circle; Above Units support 3 Lb. Payload.
Black Oxide Finish.
On/Off Mag Base: 1½" x 1½" x 2" High (approx.). Pushbutton Type.

Replacement Cables for Flexbars:
Model No. 80060-2, 2 Ball Cable for Flexbar Models 18026-18038, 18051, 18058-18063, 11014

**MORE FLEXBARS:**

**Flexbar on Disc Mag Base 34800**
Model No. 18033 Base 3½" dia.; 100 lb. pull.
With Fine Adjustor Rod as shown.

**Flexbar on Disc Mag Base 34800**
Model No. 18037 Base 3½" dia., 100 lb.
pull. Without Fine Adjustor Rod.

**Flexbar on C-Clamp**
All Made in U.S.A.
Model No. 18032 *Capacity of C-Clamp:
- 1¼" Vertically.
- Throat to Center of Screw - ½".

Model No. 18038:
Same Flexbar as on Models 18026 through 18031 but top end has fine adjustor universal rod—5½" long for easy adjustment in any plane. Total reach 22 inches. On/Off Mag Base with V on bottom.

**Flexbar on V-Bottom Mag Base**
Model No. 18039 Base 2" x 2½" x 2½".
With Fine Adjustor Rod as shown.

**Flexbar on V-Bottom Mag Base**
Model No. 18035 Without Universal Fine Adjustor Rod.
FLEXBAR ADDS NEW
‘IN-LINE’ FINE ADJUSTER
TO ITS FLEXBAR UNIVERSAL HOLDER/POSITIONER

Flexbar Machine Corporation, innovators for over 35 years of the Flexbar® Instant Positioning-Instant Locking flexible holding arms, has introduced a new top-end, in-line fine adjustor which holds all AGD dial indicators as well as test indicators with dove tail fittings. FLEXBAR models are now available with either single axis or dual axis top end fine adjustors. The fine adjustment assembly is actuated by a very smooth micro-screw thumb adjustor making the FLEXBAR ideal for high precision indicating applications.

- Fine adjustor end holds AGD dial indicators with 3/8” stems (8mm bushing adaptor included) and test indicators with dovetail
- On/Off Mag Base with V on Bottom: 2” x 2-1/4” x 2-5/8”, 90lbs. pull.

FLEXBAR IN-LINE FINE ADJUSTER MODELS:

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Base Feature</th>
<th>Mag. Pull</th>
<th>Height</th>
<th>Fine Adjustor Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>18058</td>
<td>V-Mag Base</td>
<td>90</td>
<td>17 ½”</td>
<td>Single Axis</td>
</tr>
<tr>
<td>18059</td>
<td>V-Mag Base</td>
<td>90</td>
<td>18 ½”</td>
<td>Dual Axis</td>
</tr>
<tr>
<td>18060</td>
<td>5/16 – 18 Thread</td>
<td>None</td>
<td>15 ¼”</td>
<td>Single Axis</td>
</tr>
<tr>
<td>18061</td>
<td>5/16 – 18 Thread</td>
<td>None</td>
<td>16 ¼”</td>
<td>Dual Axis</td>
</tr>
<tr>
<td>18062</td>
<td>8mm x 1.25 Thread</td>
<td>None</td>
<td>15 ¼”</td>
<td>Single Axis</td>
</tr>
<tr>
<td>18063</td>
<td>8mm x 1.25 Thread</td>
<td>None</td>
<td>16 ¼”</td>
<td>Dual Axis</td>
</tr>
</tbody>
</table>

FLEXBAR® FLEXARM VISE-GRIP & FLEXARM VISE-GRIP INDICATOR KIT
Attaches To Any Convenient Object • Made in U.S.A.

The Flexbar® Vise-Grip Model No. 18051 and 18051-KIT features a Model No. 18030 Flexbar® (see page 122) attached to a No. 7 CR Vise-Grip (Made in U.S.A.). Included on the vise-grip saddle block is a second tapped hole which permits the Flexbar® arm to be mounted horizontally to the vise-grip.

Model No. 18051-KIT, Flexbar® Vise-Grip Indicator Kit Complete
Model No. 18053, Flexbar® Vise-Grip Only (Includes Flexarm and Vise-Grip - indicator not included)
FLEXBARS ON WEIGHTED BASES

Ideally suited for benchtop and laboratory uses.

Now, Universal and Off-The-Post Style Flexbars are available mounted on heavy duty 6" dia. weighted base.

3 Models Available:

Model No. **18030-WB**, Universal Cam Lever Style Flexbar on Weighted Base
(See page 122 for Flexbar Features)

Model No. **18046-WB**, Off-The-Post Style Flexbar on Weighted Base
(See page 121 for Flexbar Features)

Model No. **18042-WB**, Jumbo Off-The-Post Style Flexbar on Weighted Base
(See page 121 for Flexbar Features)

FLEXBARS ON SUPER-HOLD VACUUM CLAMPING BASES

Now, Universal and Off-The-Post Style Flexbars are available mounted on super hold vacuum clamping base (see page 119 for Base Features).

Also available with standard indicator stand with fine adjustor on secondary post.

All models ideal for use on granite surface plates or precision flat surfaces.

3 Models Available:

Model No. **18031-VB**, Universal Cam Lever Style Flexbar on Vacuum Base
(See page 122 for Flexbar Features)

Model No. **18046-VB**, Off-The-Post Style Flexbar on Vacuum Base
(See page 121 for Flexbar Features)

Model No. **18024-VB**, Indicator Stand with Fine Adjustor on Vacuum Base
(See page 126 for Stand Features)
JUMBO FLEXBARS®
Heavy-Duty Flexible Holding Devices

- Cam-lever locking, extra heavy cable.
- Extra heavy ball joints - 1\(\frac{1}{16}\)" Diameter.
- Holds heavier payload - 5 lbs. or more.

2 MODELS: ON FLANGE OR HEAVY POWERFUL MAGNETIC BASE

Model No. 18040
Cam-lever locking Flexbar on extra heavy, powerful on/off magnetic base.
Dimensions of Mag Base:
2\(\frac{3}{4}\)" x 2\(\frac{3}{4}\)" x 3\(\frac{1}{8}\)".
Total Height: 21".

Model No. 18039
Cam-lever locking Flexbar on flange mounting base.
Height: 18". Net Wt.: 1\(\frac{1}{2}\) lbs.
Flange Dimension: 2\(\frac{3}{8}\)" x 1\(\frac{1}{4}\)" x 1\(\frac{1}{8}\)".

Replacement Cable for 18039 & 18040:
Model No. 80060-1
Long 2-Ball Cable for Jumbo Flexbar Models 18039-18040.

FLOAT 'N LOCK
UNIVERSAL POSITIONERS AND WORK HOLDERS

- It's an excellent Dial Indicator Holder.
- All metal parts used.
- Precision angled bearings interface and lock the ball precisely with a small turn of the locking knob. Excellent rigidity factor.
- Self-compensating - no need to disassemble to re-establish tension (as with other designs).
- Right angle notch (for 90° positioning) can be swung to any point 360° and then locked.

Model No. 18001
Basic Unit - Bottom Hole - for mounting is 3\(\frac{1}{4}\)-16. NC-Class 2B

Model No. 18002
Basic Unit on 90 lbs. pull Mag. Base - 3\(\frac{3}{4}\)" dia. x .435" high

Model No. 18003
Basic Unit mounted on C-Clamp
Capacity of C-Clamp:
- 1\(\frac{1}{8}\)" Vertically.
- Throat to Center of Screw - 3/4".

Model No. 18004
Basic Unit complete with 2-posts, lug back & Heavy Duty Magnet (No.11001) (On/Off Lever Type).
Total Height - 13". Main Post - 1\(\frac{1}{2}\)" dia. x 8" long.
Second Post - 7/8" dia. x 3\(\frac{3}{4}\)" long. 2 each - Post Clamps.
Variable Clamping Capacity - from .125" up to .510".

Made in U.S.A.
STANDARD INDICATOR STANDS

QUALITY MADE

Large Size Stands Mounted on Your Choice of: C-Clamp, Disc Magnet, or On/Off Mag Base.
Available with or without Fine Adjustor Rod

STAND SPECIFICATIONS:
• Lug Back Holder.
• Accepts all AGD Dial Indicators, Stems, etc.
• Accepts Dial-Test indicators ⅛” and ⅜” dia.
• Rugged Locking Knobs.
• Adjusts in both horizontal and vertical planes.
• Main Post: .470 Dia. x 7” Long.
• Secondary Post: .385 Dia. x 6” Long.

Model No. 18024
Stand on - On/Off Mag Base with fine adjustor.
Mag Base: 2” x 2¼” x 2½”, 90 lb. pull.

Model No. 18025
Same as 18024 but without fine adjustor.

Model No. 18020
Stand on C-Clamp: ⅛” capacity, throat to center of screw - 11/16”, 120° Vee for clamping on round objects. Includes Lug Back Adapter.

Model No. 18021
Same as 18020 but with fine adjustor.

HEAVY-DUTY LONG-REACH™ MAG-BASED INDICATOR STAND
Over 4 Feet Total Reach!

Features Heavy-Duty Swivel Clamps
Long-Reach Indicator Stand Dimensions:
• Total Reach: 48”.
• Main Post: ⅛” diameter x 12” long.
• 2nd Post: ⅛” diameter x 15” long.
• 3rd Post: ⅛” diameter x 15” long.
• 4th Post (includes fine adjustor and indicator holder): ⅛” diameter x 6” long.

2 MODELS: ON FLANGE OR HEAVY POWERFUL MAGNETIC BASE

Model No. 18054-MAG, Long-Reach™ Indicator Stand on Magnetic Base, 2½” x 2” x 4½”, - 180lb. pull.

Model No. 18054-FL, Long-Reach™ Indicator Stand on Flange Mounting Base

HEAVY-WEIGHT MAG-BASED STAND

"Heavy-Weight" Model No. 18048 with Fine Adjustor
(INJECTOR NOT INCLUDED)

• Mag Base: 2⅛” H x 2” W x 3½” D, 150 lbs. pull.
• Total Reach (from bottom of base): 21”.
• Main Post: ⅛” diameter x 9” long.
• 2nd Post: ⅛” diameter x 7” long.
• 3rd Post: ⅛” diameter x 6” long.
• Lug-Back Adaptor Included.

Model No. 18048, Heavy Weight Mag Base Stand (Indicator not included)
Flexbar Made in America Magnetic Base and Magnetic Base Stands

Flexbar magnetic bases are manufactured, machined, powder coated and assembled in the U.S. from start to finish. Our goal is to produce a superior American-made precision tool. Flexbar bases have 180 pounds of pulling force, all metal part construction, and are made to precision ground tolerances.

- 180 pounds of pulling power - much stronger than the average 100-110 lb. base
- Front handle assembly parts are made from nickel plated zinc die castings
- Back and bottom rails are surface ground square and parallel to within .001".
- Main body has durable blue powder coated finish
- Radiused corners on the top give the base a modern look
- On/off switch
- Base can be mounted vertically as well as horizontally
- V bottom base allows mounting on cylindrical surfaces
- Base without arms is 3 1/2" long (with on/off switch), 2" wide, 2.1" tall
- Model Nos. 10995 and 10996: Chrome plated columns and steel clamps are imported from a manufacturer of quality components. The main column is .475 x 7", clamping rod is .390 x 7". Stem hole is 5/32", lug stem is .225".

Ordering:
- Model No. 10998, Magnetic Base Only (without stand)
- Model No. 10995, Magnetic Base With Standard Arms
- Model No. 10996, Magnetic Base With Arms With Fine Adjustment Arm
- Model No. 10997, Magnetic Base With Flexbar Arm

ON/OFF MAGNETIC BASES

WITH REMOVABLE FLANGES SO CUSTOM RIGGING CAN BE MADE WITHOUT RUINING MAGNETIC CORES.

FEATURES:
- Heavy-Duty Housing
- Permanent Magnets
- M8 x 1.25mm Mounting Thread Located Under Removable Flange

<table>
<thead>
<tr>
<th>Size (Inches)</th>
<th>Bottom Shape</th>
<th>Magnetic Pull*</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 2 1/8 x 3 3/4</td>
<td>Vee</td>
<td>150 lbs.</td>
<td>11000</td>
</tr>
<tr>
<td>2 3/8 x 2 x 4 11/16</td>
<td>Flat</td>
<td>180 lbs.</td>
<td>11001</td>
</tr>
<tr>
<td>2 3/4 x 2 3/4 x 3 1/8</td>
<td>Vee</td>
<td>150 lbs.</td>
<td>11002</td>
</tr>
<tr>
<td>1 5/8 x 1 7/8 x 2</td>
<td>Flat</td>
<td>65 lbs.</td>
<td>11003</td>
</tr>
<tr>
<td>2 x 2 3/4 x 2 5/8</td>
<td>Vee</td>
<td>90 lbs.</td>
<td>11004</td>
</tr>
</tbody>
</table>

*Must be on Steel, at least .250" thick.

SUPER POWER Nd-Fe-B MAGNETIC BASE

140 lbs. pull

- Neodymium-Iron-Boron (Nd-Fe-B) is the strongest currently available magnetic compound.
- Five times stronger than ferrite magnets.
- Ideal magnetic base for top-heavy stands.
- 2.44" long x 2.00" wide x 2.20" high. M8 x 1.25m thread.

Model No. 10999 Super Power Nd-Fe-B Magnetic Base (Does not include removable flange)
FLEXBAR ADJUSTABLE SWIVEL CLAMPS ANTI-VIBRATION LOCK
Provides Positive, Rigid Holding Power.

- Any combination of 17 standard size holding diameters: Heavy-duty: from \(\frac{3}{8}\)" x \(\frac{3}{8}\)" to 1" x 1" diameter. Medium duty: from \(\frac{7}{16}\)" x \(\frac{7}{16}\)" to \(\frac{5}{8}\)" x \(\frac{5}{8}\)" diameter.

### MEDIUM MODELS:

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Dimensions (I.D.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12540</td>
<td>5/32&quot; x 5/16&quot;</td>
</tr>
<tr>
<td>12541</td>
<td>¼&quot; x 5/16&quot;</td>
</tr>
<tr>
<td>12542</td>
<td>⅛&quot; x 3/8&quot;</td>
</tr>
<tr>
<td>12543</td>
<td>⅛&quot; x ⅛&quot;</td>
</tr>
<tr>
<td>12544</td>
<td>5/16&quot; x 5/16&quot;</td>
</tr>
<tr>
<td>12545</td>
<td>5/16&quot; x 3/8&quot;</td>
</tr>
<tr>
<td>12546</td>
<td>3/8&quot; x 3/8&quot;</td>
</tr>
<tr>
<td>12547</td>
<td>3/8&quot; x ¼&quot;</td>
</tr>
</tbody>
</table>

### DOVETAIL MODELS:

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Dimensions (I.D.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12517</td>
<td>7/32&quot; x 7/32&quot;</td>
</tr>
<tr>
<td>12518</td>
<td>7/32&quot; x ¼&quot;</td>
</tr>
<tr>
<td>12519</td>
<td>¼&quot; x ¼&quot;</td>
</tr>
</tbody>
</table>

### LARGE MODELS:

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Dimensions (I.D.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12571</td>
<td>3/8&quot; x 3/8&quot;</td>
</tr>
<tr>
<td>12572</td>
<td>3/8&quot; x ⅛&quot;</td>
</tr>
<tr>
<td>12573</td>
<td>⅛&quot; x ⅛&quot;</td>
</tr>
<tr>
<td>12574</td>
<td>⅛&quot; x ⅛&quot;</td>
</tr>
<tr>
<td>12575</td>
<td>5/8&quot; x 5/8&quot;</td>
</tr>
<tr>
<td>12576</td>
<td>5/8&quot; x ⅛&quot;</td>
</tr>
<tr>
<td>12577</td>
<td>⅛&quot; x ⅛&quot;</td>
</tr>
<tr>
<td>12578</td>
<td>¼&quot; x ⅛&quot;</td>
</tr>
<tr>
<td>12579</td>
<td>1&quot; x 1&quot;</td>
</tr>
</tbody>
</table>

### MINI-SWIVEL MODELS:

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Dimensions (I.D.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12945</td>
<td>¼&quot; x ⅛&quot;</td>
</tr>
<tr>
<td>12946</td>
<td>3/16&quot; x ⅛&quot;</td>
</tr>
<tr>
<td>12947</td>
<td>¼&quot; x ⅛&quot;</td>
</tr>
<tr>
<td>12948</td>
<td>⅛&quot; x 5/32&quot;</td>
</tr>
</tbody>
</table>

### POT MAGNETS (Alnico)

- Polarity - North in Center.
- Ground Flat at Bottom.

<table>
<thead>
<tr>
<th>mm</th>
<th>in.</th>
<th>mm</th>
<th>in.</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.5</td>
<td>11/16&quot;</td>
<td>16</td>
<td>5/8&quot;</td>
<td>11009</td>
</tr>
<tr>
<td>20.5</td>
<td>13/16&quot;</td>
<td>19</td>
<td>¾&quot;</td>
<td>11010</td>
</tr>
<tr>
<td>27</td>
<td>1&quot;- 1/16&quot;</td>
<td>25</td>
<td>1&quot;</td>
<td>11011</td>
</tr>
<tr>
<td>35</td>
<td>1- 1/8&quot;</td>
<td>30</td>
<td>1- 3/8&quot;</td>
<td>11012</td>
</tr>
<tr>
<td>38</td>
<td>1- ½&quot;</td>
<td>28.6</td>
<td>1- 1/8&quot;</td>
<td>11013</td>
</tr>
</tbody>
</table>

### SUPER POWER MAGNETS

At Wholesale Prices

- Round, disc-shaped configuration.
- Small, medium & extra large sizes.
- Zinc plated housing.
- Ceramic core.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Magnetic Pull</th>
</tr>
</thead>
<tbody>
<tr>
<td>34800</td>
<td>3.160&quot;</td>
<td>.500&quot;</td>
<td>.400&quot;</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>34700</td>
<td>2.650&quot;</td>
<td>.425&quot;</td>
<td>.400&quot;</td>
<td>80 lbs.</td>
</tr>
<tr>
<td>34500</td>
<td>2&quot;</td>
<td>.395&quot;</td>
<td>.400&quot;</td>
<td>50 lbs.</td>
</tr>
<tr>
<td>34400</td>
<td>1.750&quot;</td>
<td>.312&quot;</td>
<td>10-32NF</td>
<td>40 lbs.</td>
</tr>
</tbody>
</table>