

1" Travel, Eng Micrometer, Solid Top 1.75" Stage



Stock **#53-856** 2 In Stock

-

1

+

MRP ₹1,02,999

Price inclusive of all taxes

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| Qty 1+         | ₹1,02,999 each                |
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Product Downloads

| General                          |                   |
|----------------------------------|-------------------|
| English                          | Type:             |
| Solid Top                        | Note:             |
| Physical & Mechanical Properties |                   |
| Linear (X)                       | Type of Movement: |
| Ball Bearing                     | Guide System:     |

|                                                     |                                      |  |  |  |  |  |  |  |  |
|-----------------------------------------------------|--------------------------------------|--|--|--|--|--|--|--|--|
| Center Drive                                        | Drive Orientation:                   |  |  |  |  |  |  |  |  |
|                                                     | Stage Size (mm):                     |  |  |  |  |  |  |  |  |
| 44.4 x 44.4                                         |                                      |  |  |  |  |  |  |  |  |
| 1                                                   | Travel (inches):                     |  |  |  |  |  |  |  |  |
|                                                     | Construction:                        |  |  |  |  |  |  |  |  |
| Aluminum Top and Base/440C Stainless Steel Bearings |                                      |  |  |  |  |  |  |  |  |
| 0.00005                                             | Graduation (inches):                 |  |  |  |  |  |  |  |  |
|                                                     | Load Capacity, Normal (lbs):         |  |  |  |  |  |  |  |  |
| 25                                                  |                                      |  |  |  |  |  |  |  |  |
| 10                                                  | Load Capacity, T <sub>a</sub> (lbs): |  |  |  |  |  |  |  |  |
|                                                     | Load Capacity, T <sub>b</sub> (lbs): |  |  |  |  |  |  |  |  |
| 5                                                   |                                      |  |  |  |  |  |  |  |  |
| 1.75 x 1.75                                         | Stage Size (inches):                 |  |  |  |  |  |  |  |  |
|                                                     | Straight Line Accuracy (inches):     |  |  |  |  |  |  |  |  |
| 0.00008 per inch of travel                          |                                      |  |  |  |  |  |  |  |  |
| 1.0                                                 | Weight (lbs):                        |  |  |  |  |  |  |  |  |
|                                                     |                                      |  |  |  |  |  |  |  |  |

Hardware & Interface Connectivity

|                              |                |
|------------------------------|----------------|
| Digital Micrometer (English) | Type of Drive: |
|------------------------------|----------------|

Regulatory Compliance

|                                                                                                                                                                                                                         |                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Compliant                                                                                                                                                                                                               | RoHS 2015:                  |
| View                                                                                                                                                                                                                    | Certificate of Conformance: |
|                                                                                                                                                                                                                         |                             |
| United States                                                                                                                                                                                                           | Country of Origin:          |
|                                                                                                                                                                                                                         |                             |
| Imported By:<br>Edmund Optics India Private Limited<br>267, Greystone Building, Second Floor,<br>6th Cross Rd, Binnamangala,<br>Stage 1, Indiranagar, Bengaluru,<br>Karnataka, India 560038<br>Phone: +91- 80-6845 0000 |                             |

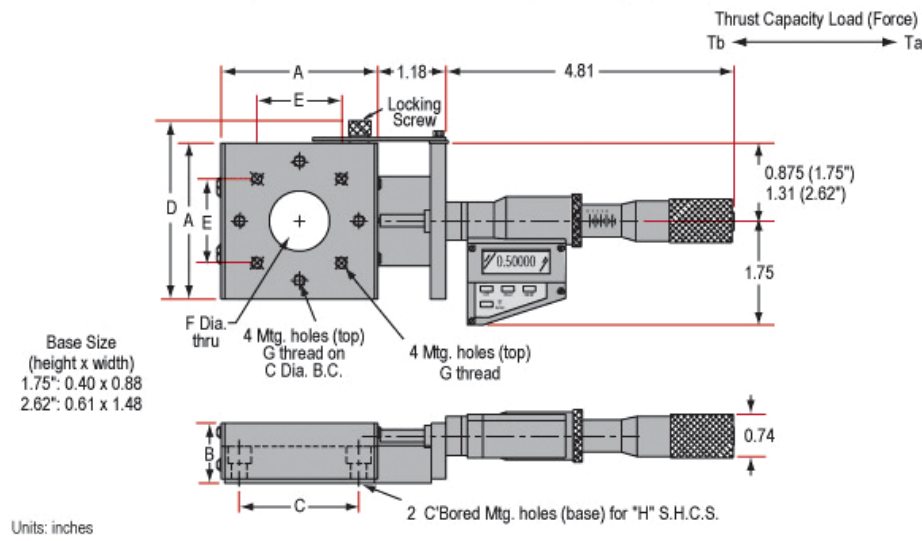
## Product Details

- 0.001mm Resolution Directly Readable Micrometer
  - Readout in Inches or Millimeters
  - Available with English or Metric Mounting Holes
- Available with standard (English) or metric mounting holes, these digital micrometers have a precision ground mounting surface and clear LCD readout. The micrometers also feature incremental or absolute positional modes, zero set at any position, inch or millimeter readouts (0.001mm resolution), display hold, and automatic shutdown to conserve the integral battery. Stage travels are one inch and table tops are available with or without a thru-hole.

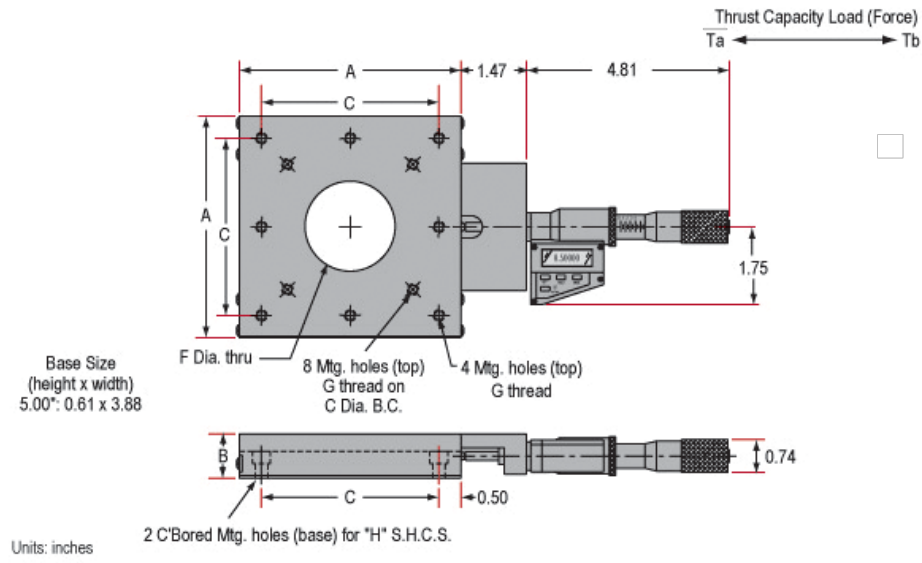
## Technical Information

| Figure    | Size A  | Size B | Size C  | Size D | Size E | Size F | Threading G | Threading H | Stock No.               |
|-----------|---------|--------|---------|--------|--------|--------|-------------|-------------|-------------------------|
| Solid Top |         |        |         |        |        |        |             |             |                         |
| A         | 1.75"   | 0.75"  | 1.12"   | 2.12"  | 1.00"  | 0.50"  | 6-32        | #6          | <a href="#">#53-857</a> |
| A         | 1.75"   | 0.75"  | 1.12"   | 2.12"  | 1.00"  | —      | 6-32        | #6          | <a href="#">#53-856</a> |
| A         | 2.62"   | 1.00"  | 2.00"   | 3.00"  | 2.00"  | —      | 10-32       | #¼          | <a href="#">#38-199</a> |
| A         | 2.62"   | 1.00"  | 2.00"   | 3.00"  | 2.00"  | 1.00"  | 10-32       | #¼          | <a href="#">#38-203</a> |
| B         | 5.00"   | 1.00"  | 4.00"   | —      | 4.00"  | —      | ¼-20        | #¼          | <a href="#">#38-202</a> |
| B         | 5.00"   | 1.00"  | 4.00"   | —      | 4.00"  | 2.00"  | ¼-20        | #¼          | <a href="#">#38-204</a> |
| C         | 44.4mm  | 19.0mm | 30.0mm  | 53.8mm | 25.0mm | —      | M4          | M4          | <a href="#">#55-461</a> |
| C         | 66.5mm  | 25.4mm | 50.0mm  | 75.9mm | 50.0mm | —      | M5          | M6          | <a href="#">#55-462</a> |
| D         | 127.0mm | 25.4mm | 100.0mm | —      | —      | —      | M6          | M6          | <a href="#">#55-463</a> |
| D         | 66.5mm  | 25.4mm | 50.0mm  | 75.9mm | 50.0mm | 25.4mm | M5          | M6          | <a href="#">#55-464</a> |

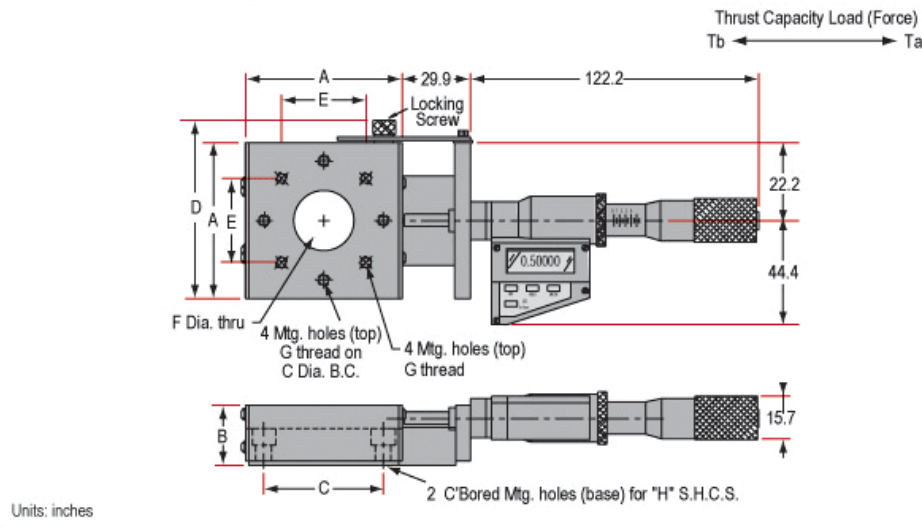
Digital Micrometer Positioning Stage (Figure A)



Digital Micrometer Positioning Stage (Figure B)



Digital Micrometer Positioning Stage (Figure C)



Digital Micrometer Positioning Stage (Figure D)

