

## DATASHEET

### PART NUMBER

## WES396-6-SVEP

**Wescon 396 Microstop - M6x1 - 12.7 mm Cutter  
Capacity - Vacuum Skirt External Phenolic Foot**

SMALL CAPACITY / TIGHT SPACE APPLICATIONS

### WEBSITE

<https://www.wesconusa.com/products/WES396-6-SVEP>



\* The image represents the general look of the series. Actual product may vary based on options selected.

The Wescon 396 Series Microstop is built for tight spaces, with a smaller footprint and smaller cutters than the standard 596. With a 0.688 in (17.48 mm) skirt diameter it reaches into confined areas while keeping the dual ball bearing spindle rated to 10,000 rpm and a solid stop for repeatable depth. It takes cutters up to 1/2 in (12 mm) on a 1/4 in shaft with 0.0005 in incremental adjustment, and is offered with 0.157 in (4 mm) or 0.236 in (6 mm) shaft travel. Twelve skirt styles include straight, slotted, cutaway, 2-leg, 3-leg, internal and external thread and vacuum versions, with a nylon foot and round, threaded shank, tri-flat or quick change shafts in 1/4-28 or M6x1.

## SPECIFICATIONS

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| Measurement Type          | Metric                                          |
| Bearing Rating            | 10,000 rpm                                      |
| Bearing Type              | Dual Ball Bearings                              |
| Heavy Duty Thrust Bearing | No                                              |
| Incremental Adjustment    | 0.0005 in                                       |
| Shaft Travel              | 4 mm                                            |
| Cutter Thread             | M6x1                                            |
| Shaft                     | Round                                           |
| Shaft Diameter            | 1/4 in                                          |
| Cutter Capacity           | 12.7 mm                                         |
| Skirt                     | Slotted Vacuum External Thread                  |
| Skirt Description         | 20.57 mm OD 13.46 mm ID 12.7 mm Cutter Capacity |

|                          |                             |
|--------------------------|-----------------------------|
| <b>Foot</b>              | Phenolic                    |
| <b>Solid Stop</b>        | Yes                         |
| <b>Material</b>          | Steel                       |
| <b>Vacuum Adapter</b>    | Yes                         |
| <b>Stroke Length</b>     | 0.157 in (4mm) Shaft Travel |
| <b>Country of Origin</b> | USA                         |

ADDITIONAL IMAGES AND DRAWINGS

WES396 Series Microstop



Part Number  
WES396-X-XX-XX-XX

Shaft Option  
Foot Style  
Skirt Option\*  
Cutter Thread  
Shaft Travel

Incremental Adjustment: 0.0005 in  
Material: Carbon Steel Body With  
Hardened Tool Steel Shaft

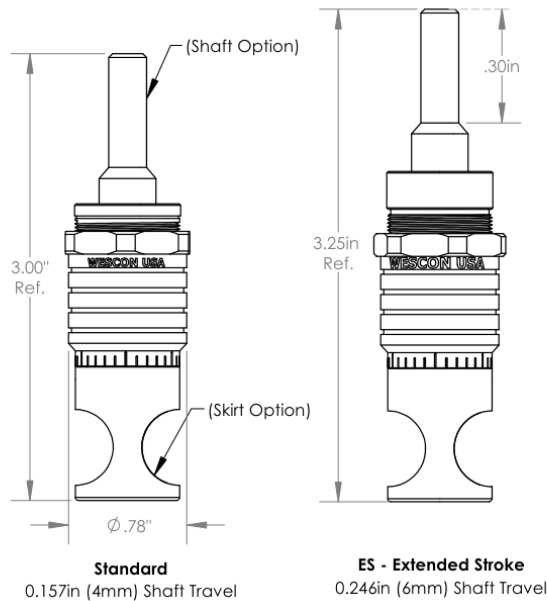
Bearing Rating: 10,000 rpm  
Bearing Type: Dual Ball-Bearings  
Dust Seal: Integrated Dust Seal  
Heavy Duty Thrust Bearing: No  
Solid Stop: Yes

| Code    | Shaft Travel |
|---------|--------------|
| (Blank) | 0.157in      |
| ES      | 0.246in      |

| Code    | Cutter Thread |
|---------|---------------|
| (Blank) | 1/4-28        |
| 6       | M6x1          |

| Code | Foot Style |
|------|------------|
| N    | Nylon      |

| Code    | Shaft Option            |
|---------|-------------------------|
| (Blank) | 1/4in Standard Round    |
| TF      | Tri Flat                |
| QC      | Quick Change            |
| TS      | 1/4-28in Threaded Shank |



\*For Skirt options see next page and website.



Part Number  
**WES396**

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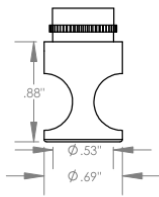
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Wescon 396 Microstop

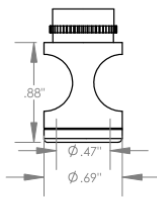
Revision 10 All dimensions are in Inches Information in this drawing is provided for reference only

Image 1

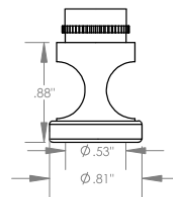
## Skirt Option



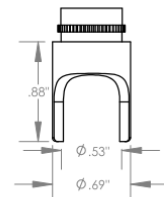
**S**  
Straight  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )



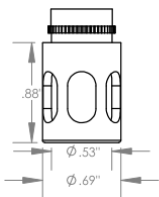
**I**  
Internal Thread\*  
Cutter  $\phi 7/16"$  ( $\phi 11\text{mm}$ )



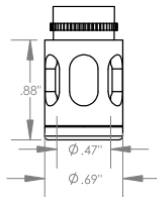
**E**  
External Thread\*  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )



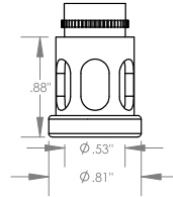
**S2L**  
2-Leg  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )



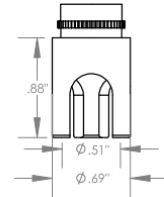
**SL**  
Slotted  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )



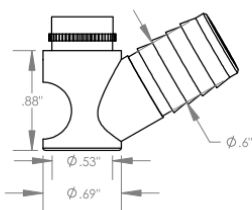
**SI**  
Slotted Internal Thread\*  
Cutter  $\phi 7/16"$  ( $\phi 11\text{mm}$ )



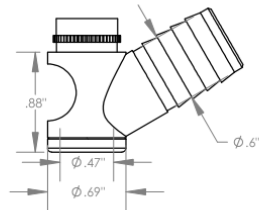
**SE**  
Slotted External Thread\*  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )



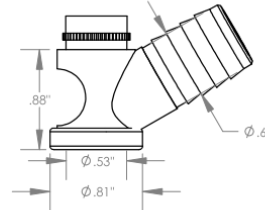
**S3L**  
3-Leg  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )



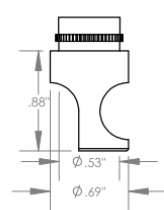
**WVS**  
Vacuum Straight  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )



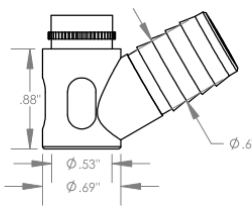
**WVI**  
Vacuum Internal Thread\*  
Cutter  $\phi 7/16"$  ( $\phi 11\text{mm}$ )



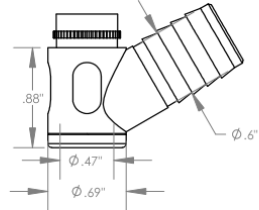
**WVE**  
Vacuum External Thread\*  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )



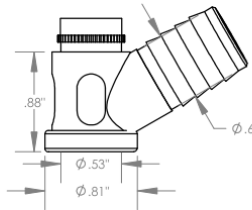
**SCA**  
Straight Cutaway  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )



**SVS**  
Slotted Vacuum Straight  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )



**SVI**  
Slotted Vacuum Internal Thread\*  
Cutter  $\phi 7/16"$  ( $\phi 11\text{mm}$ )



**SVE**  
Slotted Vacuum External Thread\*  
Cutter  $\phi 1/2"$  ( $\phi 12\text{mm}$ )

\*Select foot style from table

Revision 10

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All dimensions are in inches



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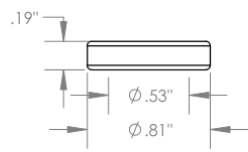
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Part Number

**WES396**

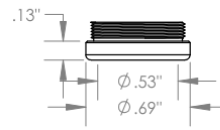
**Wescon 396 Microstop**

Image 2



| Part Number | Material |
|-------------|----------|
| 39631-N     | Nylon    |
| 39631-S     | Steel    |
| 39631-P     | Phenolic |

Foot Style For External Thread



| Part Number | Material |
|-------------|----------|
| 39620-N     | Nylon    |
| 39620-S     | Steel    |
| 39620-P     | Phenolic |

Foot Style For Internal Thread



Part Number

**WES396**

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Wescon 396 Microstop

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Image 3