Wescon Industries Inc.
601 Century Plaza Dr, Houston, TX 77073
www.wesconusa.com

# DATASHEET

PART NUMBER

# WES396-WVEN-TF

## Wescon 396 Microstop - 1/4-28 - 1/2" Cutter Capacity - Vacuum Skirt External Nylon Foot

SMALL CAPACITY / TIGHT SPACE APPLICATIONS

WEBSITE

https://www.wesconusa.com/products/WES396-WVEN-TF




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** | Imperial |
| **Bearing Rating** | 10,000 rpm |
| **Bearing Type** | Dual Ball Bearings |
| **Heavy Duty Thrust Bearing** | No |
| **Incremental Adjustment** | 0.0005 in |
| **Shaft Travel** | 0.15 in |
| **Cutter Thread** | 1/4-28 |
| **Shaft** | Tri-Flat |
| **Shaft Diameter** | 1/4 in |
| **Cutter Capacity** | 1/2 in |
| **Skirt** | Vacuum External Thread |
| **Skirt Description** | 0.81 in OD 0.53 in ID 1/2 in Cutter Capacity |
| **Foot** | Nylon |



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| | |
|---|---|
| **Solid Stop** | Yes |
| **Material** | Steel |
| **Vacuum Adapter** | Yes |
| **Stroke Length** | 0.157 in (4mm) Shaft Travel |
| **Country of Origin** | USA |

## ADDITIONAL IMAGES AND DRAWINGS




Image 1



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Image 2



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## 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

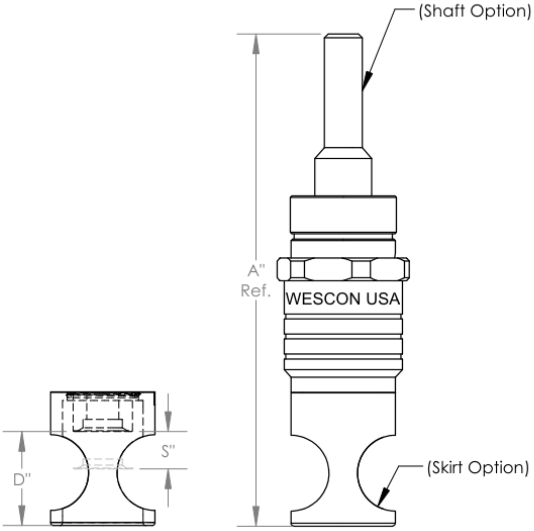
Bearing Rating: 10,000 rpm
Bearing Type: Dual Ball-Bearings
Dust Seal: Integrated Dust Seal
Heavy Duty Thrust Bearing: No
Solid Stop: Yes

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

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

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

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




Skirt Inner Dimensions for all skirt styles

| Series | Distance From Shaft Face to Skirt Face | | Shaft Travel (S) | OAL (A) |
|---|---|---|---|---|
| | D (Minimum) | D(Maximum) | | |
| Standard Stroke | 0.790 (20.06mm) | 1.020 (25.90mm) | 0.157 (4mm) | 3.000 (76.2mm) |
| Extended Stroke (-ES) | | | 0.246 (6mm) | 3.250 (82.5mm) |

*For Skirt options see next page and website.

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Part Number **WES396**

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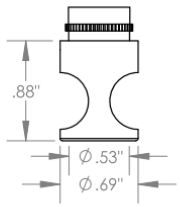
Wescon 396 Microstop

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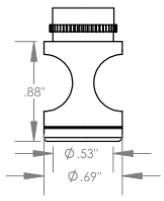
Image 3


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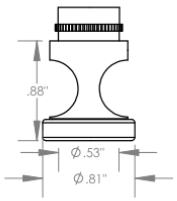
## Skirt Option



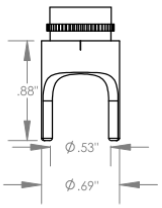

**S**
Straight
Cutter Ø1/2"(Ø12.7 mm)



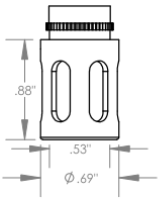

**I**
Internal Thread*
Cutter Ø7/16" (Ø11mm)



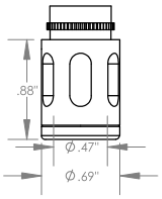

**E**
External Thread*
Cutter Ø1/2" (Ø12.7 mm)



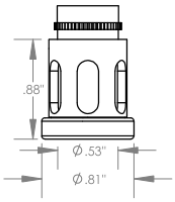

**S2L**
2-Leg
Cutter Ø1/2" (Ø12.7 mm)



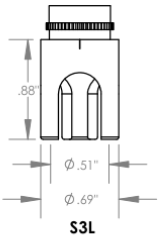

**SL**
Slotted
Cutter Ø1/2" (Ø12.7 mm)



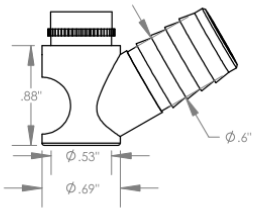

**SI**
Slotted Internal Thread*
Cutter Ø7/16" (Ø11mm)



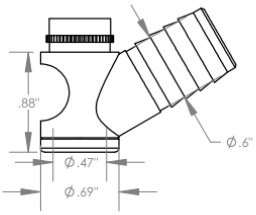

**SE**
Slotted External Thread*
Cutter Ø1/2" (Ø12.7 mm)



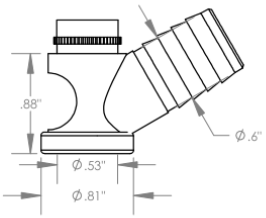

**S3L**
3-Leg
Cutter Ø1/2" (Ø12.7 mm)



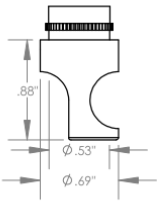

**WVS**
Vaccuum Straight
Cutter Ø1/2" (Ø12.7 mm)



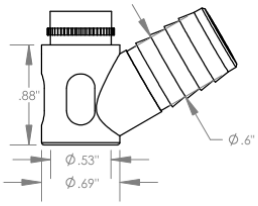

**WVI**
Vaccuum Internal Thread*
Cutter Ø7/16" (Ø11mm)



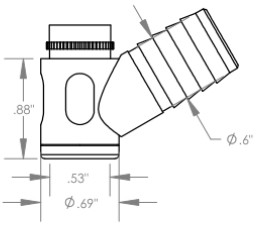

**WVE**
Vaccuum External Thread*
Cutter Ø1/12" (Ø12.7 mm)



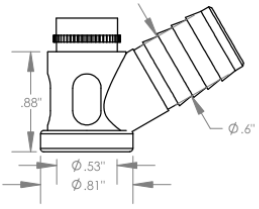

**SCA**
Straight Cutaway
Cutter Ø1/2" (Ø12.7 mm)



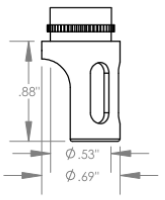

**SVS**
Slotted Vaccuum Straight
Cutter Ø1/2" (Ø12.7 mm)




**SVI**
Slotted Vaccuum Internal Thread*
Cutter Ø7/16" (Ø11mm)




**SVE**
Slotted Vaccuum External Thread*
Cutter Ø1/2" (Ø12.7 mm)




**SSCA**
Slotted Straight Cutaway
Cutter Ø1/2" (Ø12.7 mm)

*Select foot style from table

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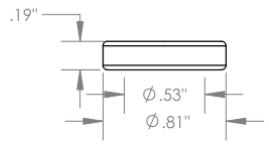
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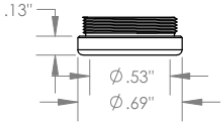
Image 4


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| 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**

| | | | |
|---|---|---|---|
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Image 5


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