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

# DATASHEET

PART NUMBER

# WES397-WVEN-TF

## Wescon 397 Stainless Steel Microstop - 1/4-28 - 1/2" Cutter Capacity - Vacuum Skirt External Nylon Foot

SMALL CAPACITY / TIGHT SPACE APPLICATIONS
STAINLESS STEEL

**WEBSITE**

https://www.wesconusa.com/products/WES397-WVEN-TF




The Wescon 397 Series Microstop is the stainless steel version of the 396, built for tight spaces with a smaller footprint and smaller cutters than the standard 596. Stainless steel construction makes it more durable and corrosion resistant than the standard alloy unit. Its 0.688 in (17.48 mm) skirt takes cutters up to 1/2 in (12 mm) on a 1/4 in shaft, with 0.157 in (4 mm) or 0.236 in (6 mm) shaft travel and 0.0005 in (0.013 mm) incremental adjustment, on dual ball bearings rated to 10,000 rpm with a solid stop. 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 |



Subject to change without notice
© Copyright Wescon Industries Inc

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

## ADDITIONAL IMAGES AND DRAWINGS




Image 1



Subject to change without notice
© Copyright Wescon Industries Inc




Image 2



Subject to change without notice
© Copyright Wescon Industries Inc

## WES397 Series Microstop




**Part Number**

WES397-X-XX-XX-XX

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

Incremental Adjustment: 0.0005 in
Material: Stainless Steel

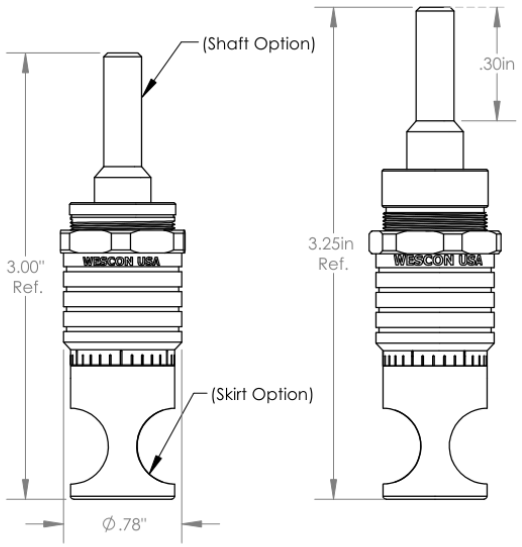
Bearing Rating: 10,000 rpm
Bearing Type: Dual Ball-Bearings
Dust Seal: Integrated Dust Seal
Heavy Duty Thrust Bearing: No
Solid Stop: Yes

| 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 |




**Standard**
0.157in (4mm) Shaft Travel

**ES - Extended Stroke**
0.246in (6mm) Shaft Travel

*For Skirt options see next page and website.

WESCON

Part Number **WES397**

Wescon 397 Microstop

Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.

© 2025 Wescon Industries Inc.
601 Century Plaza Dr. Houston, TX 77073, US
www.wesconusa.com

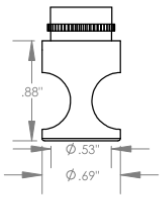
Revision 05 | All dimensions are in Inches | Information in this drawing is provided for reference only

Image 3

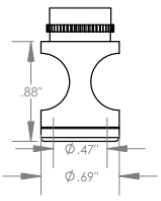


Subject to change without notice
© Copyright Wescon Industries Inc

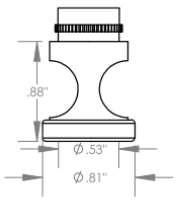
## Skirt Option



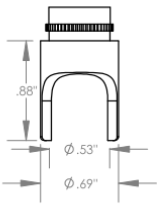

**S**
Straight
Cutter Ø1/2"(Ø12mm)



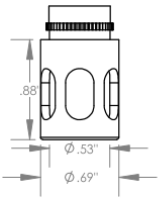

**I**
Internal Thread*
Cutter Ø7/16" (Ø11mm)



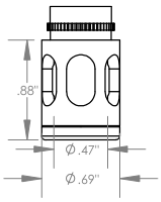

**E**
External Thread*
Cutter Ø1/2" (Ø12mm)



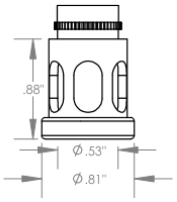

**S2L**
2-Leg
Cutter Ø1/2" (Ø12mm)



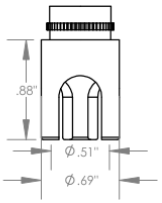

**SL**
Slotted
Cutter Ø1/2" (Ø12mm)



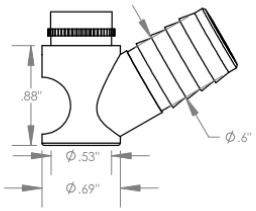

**SI**
Slotted Internal Thread*
Cutter Ø7/16" (Ø11mm)



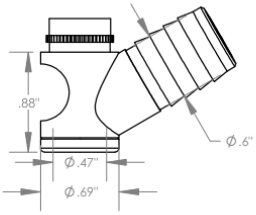

**SE**
Slotted External Thread*
Cutter Ø1/2" (Ø12mm)



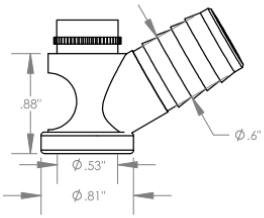

**S3L**
3-Leg
Cutter Ø1/2" (Ø12mm)



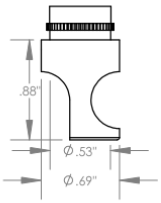

**WVS**
Vaccuum Straight
Cutter Ø1/2" (Ø12mm)



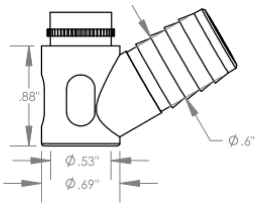

**WVI**
Vaccuum Internal Thread*
Cutter Ø7/16" (Ø11mm)



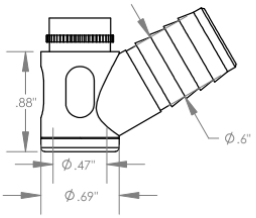

**WVE**
Vaccuum External Thread*
Cutter Ø1/12" (Ø12mm)



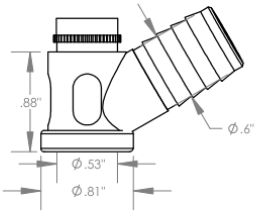

**SCA**
Straight Cutaway
Cutter Ø1/2" (Ø12mm)




**SVS**
Slotted Vaccuum Straight
Cutter Ø1/2" (Ø12mm)




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



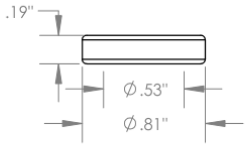

**SVE**
Slotted Vaccuum External Thread*
Cutter Ø1/2" (Ø12mm)

*Select foot style from table

| | | | |
|---|---|---|---|
| | | WESCON | Part Number **WES397** |
| | Do not modify, copy, distribute, or reproduce this drawing without prior written authorization. | © 2025 Wescon Industries Inc. 601 Century Plaza Dr. Houston, TX 77073, US www.wesconusa.com | Wescon 397 Microstop |
| Revision 06 | All dimensions are in Inches | Information in this drawing is provided for reference only | |

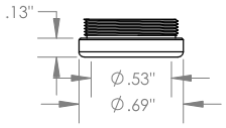
Image 4


Subject to change without notice
© Copyright Wescon Industries Inc




| 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**

| | | | |
|---|---|---|---|
| | | WESCON | Part Number **WES397** |
| | Do not modify, copy, distribute, or reproduce this drawing without prior written authorization. | © 2025 Wescon Industries Inc.<br>601 Century Plaza Dr. Houston, TX 77073, US<br>www.wesconusa.com | Wescon 397 Microstop |
| Revision 05 | All dimensions are in Inches | Information in this drawing is provided for reference only | |

Image 5


Subject to change without notice
© Copyright Wescon Industries Inc