

## DATASHEET

PART NUMBER

### WES397-VS-TF

**Wescon 397 Stainless Steel Microstop - 1/4-28  
 - 1/2" Cutter Capacity - Vacuum Straight Skirt**

SMALL CAPACITY / TIGHT SPACE APPLICATIONS  
 STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES397-VS-TF>

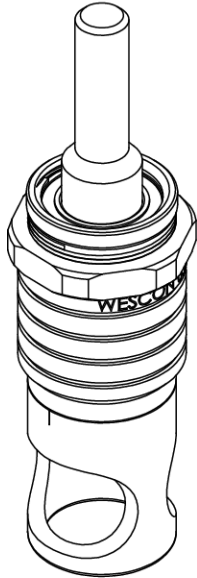

\* The image represents the general look of the series. Actual product may vary based on options selected.

## SPECIFICATIONS

|                                  |  |
|----------------------------------|--|
| <b>Measurement Type</b>          | Imperial                                     |
| <b>Bearing Rating</b>            | 10,000 rpm                                   |
| <b>Bearing Type</b>              | Dual Ball Bearings                           |
| <b>Heavy Duty Thrust Bearing</b> | No   |
| <b>Incremental Adjustment</b>    | 0.0005 in                                    |
| <b>Shaft Travel</b>              | 0.15 in                                      |
| <b>Cutter Thread</b>             | 1/4-28                                       |
| <b>Shaft</b>                     | Tri-Flat                                     |
| <b>Shaft Diameter</b>            | 1/4 in                                       |
| <b>Cutter Capacity</b>           | 1/2 in                                       |
| <b>Skirt</b>                     | Vacuum Straight                              |
| <b>Skirt Description</b>         | 0.69 in OD 0.53 in ID 1/2 in Cutter Capacity |
| <b>Solid Stop</b>                | Yes  |
| <b>Material</b>                  | Stainless Steel                              |
| <b>Stroke Length</b>             | 0.157 in (4mm) Shaft Travel                  |
| <b>Country of Origin</b>         | USA  |

**ADDITIONAL IMAGES AND DRAWINGS**

**WES397 Series Microstop**



**Part Number**  
WES397-X-XX-XX-XX

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

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

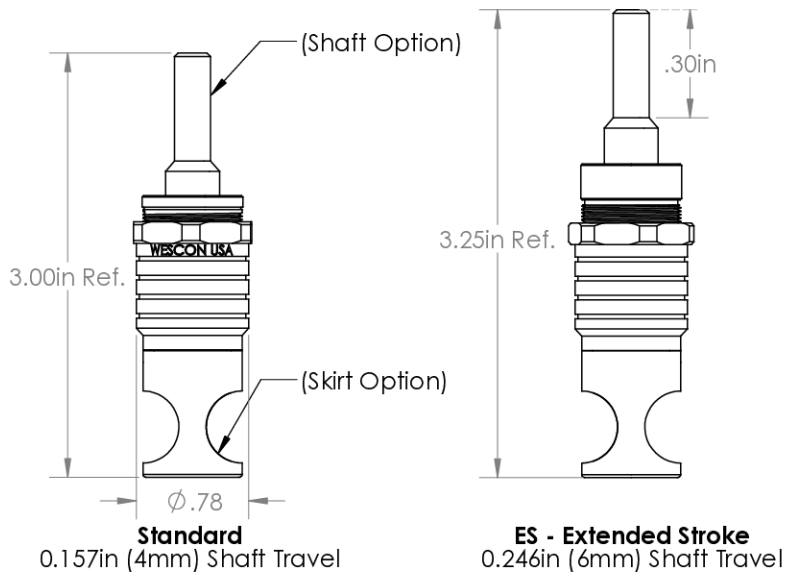
| Code    | Cutter Thread |
|---------|---------------|
| (Blank) | 1/4-28        |
| 6       | M6x1          |

| 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 |

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



\*For Skirt options see next page and website.



Part Number

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Wescon 397 Microstop

Revision 03 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  $\phi 7/16''$  ( $\phi 11\text{mm}$ )  
Choose Foot Style From Table



**E**  
External Thread  
Cutter  $\phi 1/2''$  ( $\phi 12\text{mm}$ )  
Choose Foot Style From Table



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



**SI**  
Slotted Internal Thread  
Cutter  $\phi 7/16''$  ( $\phi 11\text{mm}$ )  
Choose Foot Style From Table



**SE**  
Slotted External Thread  
Cutter  $\phi 1/2''$  ( $\phi 12\text{mm}$ )  
Choose Foot Style From Table



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



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



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



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



**VI**  
Vacuum Internal Thread  
Cutter  $\phi 7/16''$  ( $\phi 11\text{mm}$ )  
Choose Foot Style From Table



**VE**  
Vacuum External Thread  
Cutter  $\phi 1/2''$  ( $\phi 12\text{mm}$ )  
Choose Foot Style From Table



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Image 2

**Foot Style  
For External Thread**



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

**Foot Style  
For Internal Thread**



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

|   |   |   |               |
|---|---|---|---------------|
|  |   | Part Number   | <b>WES397</b> |
|   |   | Wescon 397 Microstop  |               |
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Image 3