

## DATASHEET

PART NUMBER

### WES597-S-TF

**Wescon 597 Stainless Steel Microstop - 1/4-28  
- 3/4" Cutter Capacity - Straight Skirt**

HIGH SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES597-S-TF>



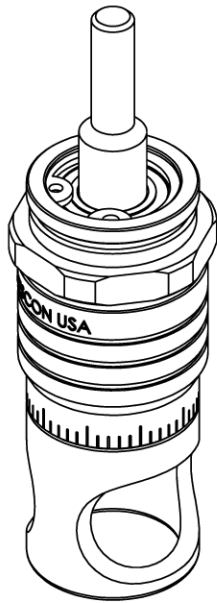
\* The image represents the general look of the series. Actual product may vary based on options selected.

## 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> | Yes                            |
| <b>Incremental Adjustment</b>    | 0.0005 in                      |
| <b>Shaft Travel</b>              | 0.300 in                       |
| <b>Dust Seal</b>                 | Integrated Dust Seal           |
| <b>Cutter Thread</b>             | 1/4-28                         |
| <b>Shaft</b>                     | Tri-Flat                       |
| <b>Shaft Diameter</b>            | 1/4 in                         |
| <b>Cutter Capacity</b>           | 3/4 in                         |
| <b>Skirt</b>                     | Straight                       |
| <b>Skirt Description</b>         | 1 in OD 3/4 in Cutter Capacity |
| <b>Solid Stop</b>                | Yes                            |
| <b>Material</b>                  | Stainless Steel                |
| <b>Country of Origin</b>         | USA                            |

**ADDITIONAL IMAGES AND DRAWINGS**

**WES597 SERIES MICROSTOP**



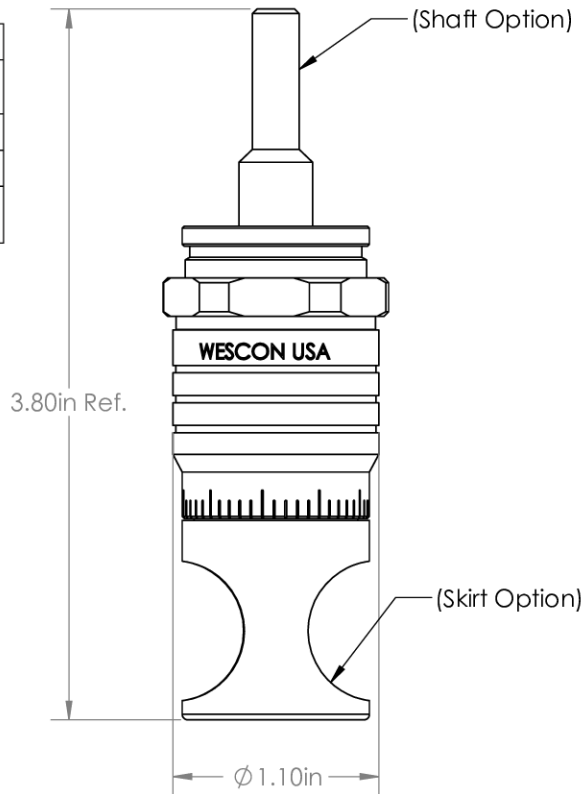
**Part Number**  
WES597-X-XX-XX

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

| Code    | Cutter Thread |
|---------|---------------|
| (Blank) | 1/4-28        |
| 6       | M6x1          |
| 8       | M8x1          |

| Code | Foot Style |
|------|------------|
| N    | Nylon      |
| S    | Steel      |
| P    | Phenolic   |

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



Incremental Adjustment: 0.0005 in  
Shaft Travel: 0.300 in  
Material: Stainless Steel

Bearing Rating: 10,000 rpm  
Bearing Type: Dual Ball-Bearings  
Dust Seal: Integrated Dust Seal  
Heavy Duty Thrust Bearing: Yes  
Solid Stop: Yes

\*For Skirt options see next page and website.



Part Number **WES597**

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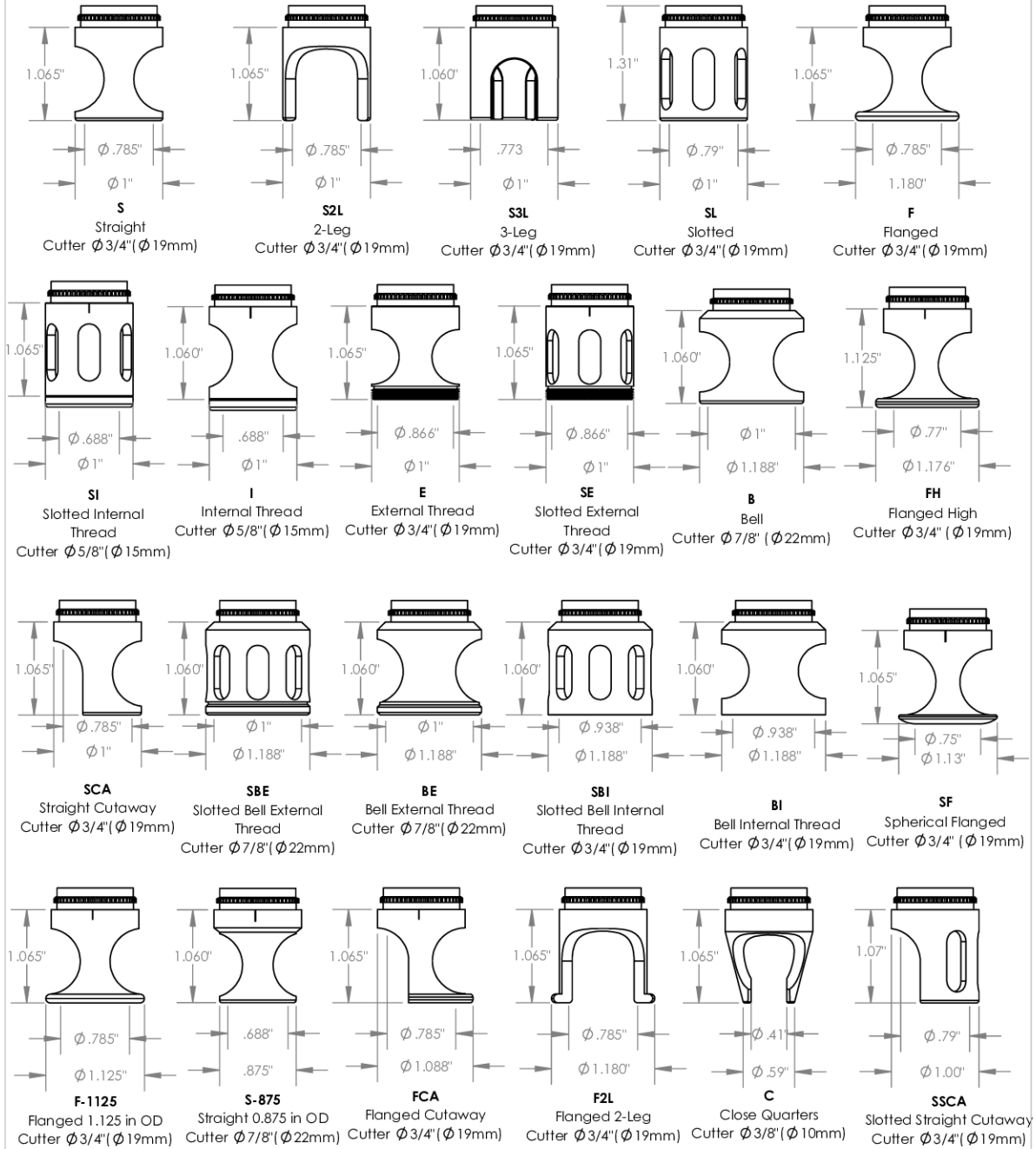
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Wescon 597 Microstop

All dimensions are in inches. Information in this drawing is provided for reference only.

Image 1

**Skirt Option**



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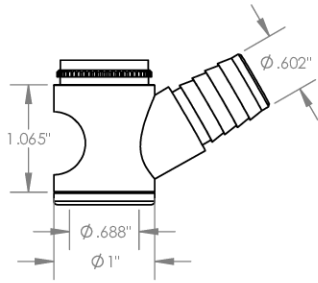
Wescon 597 Microstop

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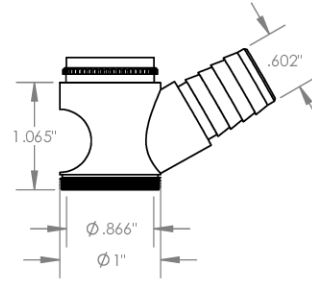
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Image 2

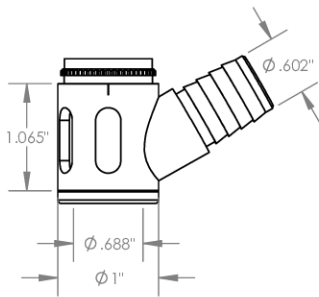
Skirt Option (Continuation)



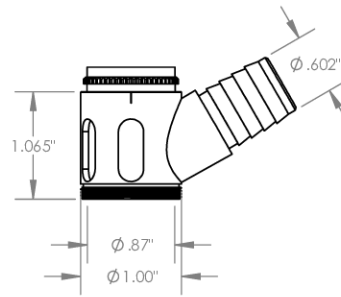
**VI**  
Vacuum Internal  
Thread  
Cutter  $\phi 5/8"$  ( $\phi 15\text{mm}$ )



**VE**  
Vacuum External  
Thread  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**SVI**  
Slotted Vacuum External  
Thread  
Cutter  $\phi 5/8"$  ( $\phi 15\text{mm}$ )



**SVE**  
Slotted Vacuum External  
Thread  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



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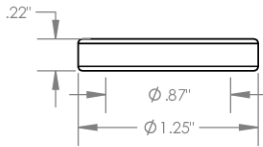
Wescon 597 Microstop

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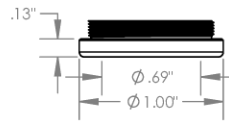
Image 3

**Foot Style  
For External Thread**



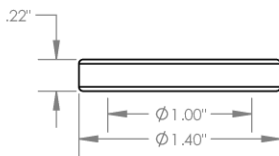
| Part Number | Material |
|-------------|----------|
| 59631-N     | Nylon    |
| 59631-S     | Steel    |
| 59361-P     | Phenolic |

**Foot Style  
For Internal Thread**



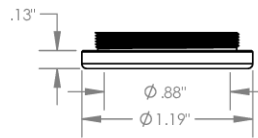
| Part Number | Material |
|-------------|----------|
| 59620-N     | Nylon    |
| 59620-S     | Steel    |
| 59620-P     | Phenolic |

**Foot Style  
For Bell External Thread**



| Part Number | Material |
|-------------|----------|
| 59641-N     | Nylon    |
| 59641-S     | Steel    |
| 59641-P     | Phenolic |

**Foot Style  
For Bell Internal Thread**



| Part Number | Material |
|-------------|----------|
| 59640-N     | Nylon    |
| 59640-S     | Steel    |
| 59640-P     | Phenolic |



Part Number  
**WES597**

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Wescon 597 Microstop

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Image 4