

## DATASHEET

PART NUMBER

# WES597-6-VS

**Wescon 597 Stainless Steel Microstop - M6x1 -  
19.05 mm Cutter Capacity - Vacuum Straight  
Skirt**

HIGH SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES597-6-VS>



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

## SPECIFICATIONS

|                                  |   |
|----------------------------------|---|
| <b>Measurement Type</b>          | Metric  |
| <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>    | 0.013 mm  |
| <b>Shaft Travel</b>              | 7.60 mm   |
| <b>Dust Seal</b>                 | Integrated Dust Seal                            |
| <b>Cutter Thread</b>             | M6x1  |
| <b>Shaft</b>                     | Round   |
| <b>Shaft Diameter</b>            | 6.35 mm   |
| <b>Cutter Capacity</b>           | 19.05 mm  |
| <b>Skirt</b>                     | Vacuum Straight                                 |
| <b>Skirt Description</b>         | 25.4 mm OD 22.01 mm ID 19.05 mm Cutter Capacity |
| <b>Solid Stop</b>                | Yes   |
| <b>Material</b>                  | Stainless Steel                                 |
| <b>Vacuum Adapter</b>            | Yes   |
| <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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Wescon 597 Microstop

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Image 1

### Skirt Option



Continued In Next Page.

Revision 04

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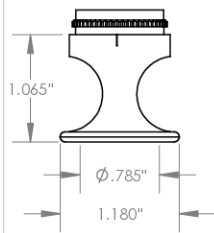


Part Number

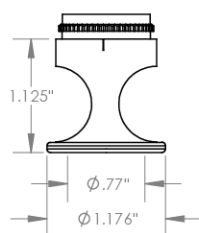
**WES597**

Wescon 597 Microstop

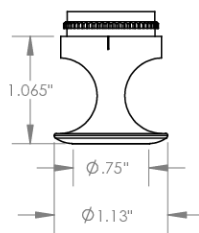
### Skirt Option (Continuation)



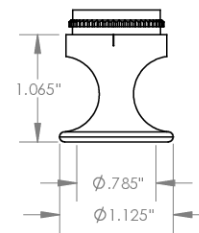
**F**  
Flanged  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



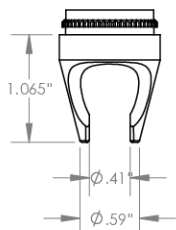
**FH**  
Flanged High  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



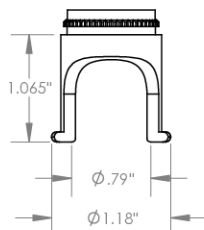
**SF**  
Spherical Flanged  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



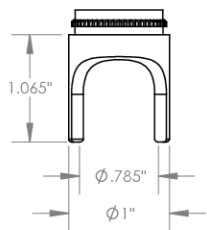
**F-1125**  
Flanged 1.125 in OD  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



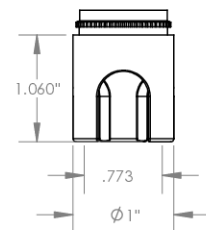
**C**  
Close Quarters  
Cutter  $\phi 3/8"$  ( $\phi 10\text{mm}$ )



**F2L**  
Flanged 2-Leg  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**S2L**  
2-Leg  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**S3L**  
3-Leg  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



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



**WVE**  
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

Revision 04

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Image 3

**Foot Style  
For External Thread**



| Part Number | Material |
|-------------|----------|
| 59631-N     | Nylon    |
| 59631-S     | Steel    |
| 59631-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 |

**Foot Style  
For Bell Wide External Thread**



| Part Number | Material |
|-------------|----------|
| 59651-N     | Nylon    |
| 59651-S     | Steel    |
| 59651-P     | Phenolic |



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Image 4