

## DATASHEET

PART NUMBER

# WES596-WVIP

**Wescon 596 Microstop - 1/4-28 - 5/8" Cutter Capacity - Vacuum Internal Thread Skirt - Phenolic Foot**

HIGH SPEED HEAVY DUTY

WEBSITE

<https://www.wesconusa.com/products/WES596-WVIP>


\* 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>                     | Round                          |
| <b>Shaft Diameter</b>            | 1/4 in                         |
| <b>Cutter Capacity</b>           | 5/8 in                         |
| <b>Skirt</b>                     | Vacuum Internal Thread         |
| <b>Skirt Description</b>         | 1 in OD 5/8 in Cutter Capacity |
| <b>Foot</b>                      | Phenolic                       |
| <b>Solid Stop</b>                | Yes                            |
| <b>Material</b>                  | Steel                          |
| <b>Vacuum Adapter</b>            | Yes                            |

Country of Origin

USA

### ADDITIONAL IMAGES AND DRAWINGS

#### WES596 Series Microstop



**Part Number**  
WES596-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: 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: Yes  
Solid Stop: Yes



\*For Skirt options see next page and website.



Part Number

**WES596**

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Wescon 596 Microstop

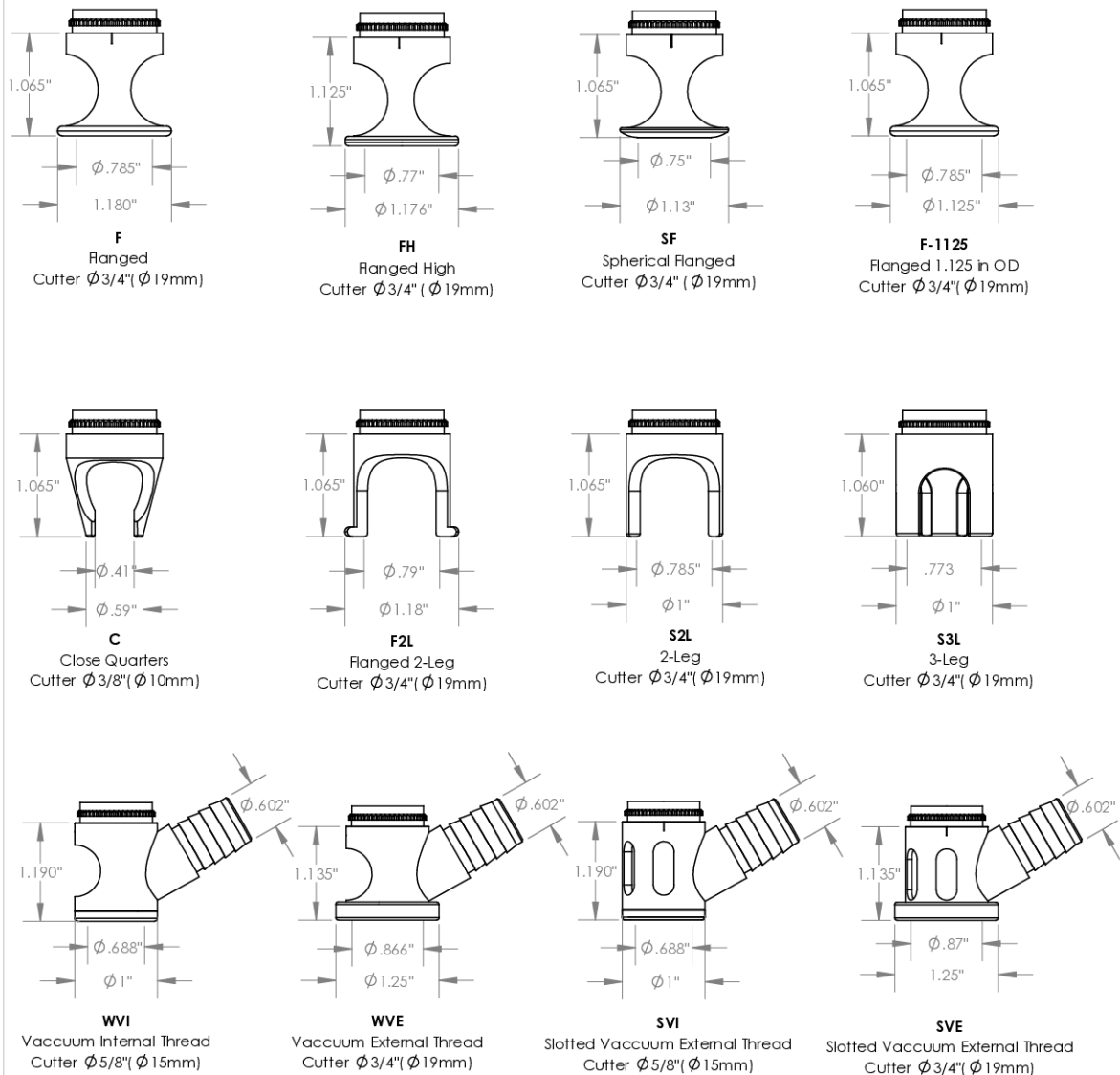
Revision 05

All dimensions are in inches

Information in this drawing is provided for reference only

Image 1

### Skirt Option (Continuation)



Part Number

**WES596**

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Image 2

### Skirt Option



Continued In Next Page.

Revision 05

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Part Number

**WES596**

Wescon 596 Microstop

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 |

|   |                              |   |               |
|---|------------------------------|---|---------------|
|  |                              | Part Number   | <b>WES596</b> |
|   |                              | Wescon 596 Microstop  |               |
| Revision 05   | All dimensions are in inches | © 2025 Wescon Industries Inc.<br>601 Century Plaza Dr. Houston, TX 77073, US<br>www.wesconusa.com |               |
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Image 4