

## DATASHEET

PART NUMBER

### WES596-6-VIP-TF

**Wescon 596 Microstop - M6x1 - 15 mm Cutter  
Capacity - Vacuum Internal Thread Skirt -  
Phenolic Foot**

HIGH SPEED HEAVY DUTY

WEBSITE

<https://www.wesconusa.com/products/WES596-6-VIP-TF>



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

## SPECIFICATIONS

|                           |                                  |
|---------------------------|----------------------------------|
| Measurement Type          | Metric                           |
| Bearing Rating            | 10,000 rpm                       |
| Bearing Type              | Dual Ball Bearings               |
| Heavy Duty Thrust Bearing | Yes                              |
| Incremental Adjustment    | 0.013 mm                         |
| Shaft Travel              | 7.60 mm                          |
| Dust Seal                 | Integrated Dust Seal             |
| Cutter Thread             | M6x1                             |
| Shaft                     | Tri-Flat                         |
| Shaft Diameter            | 6.35 mm                          |
| Cutter Capacity           | 15 mm                            |
| Skirt                     | Vacuum Internal Thread           |
| Skirt Description         | 25.4 mm OD 15 mm Cutter Capacity |
| Foot                      | Phenolic                         |
| Solid Stop                | Yes                              |
| Material                  | Steel                            |
| Vacuum Adapter            | 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

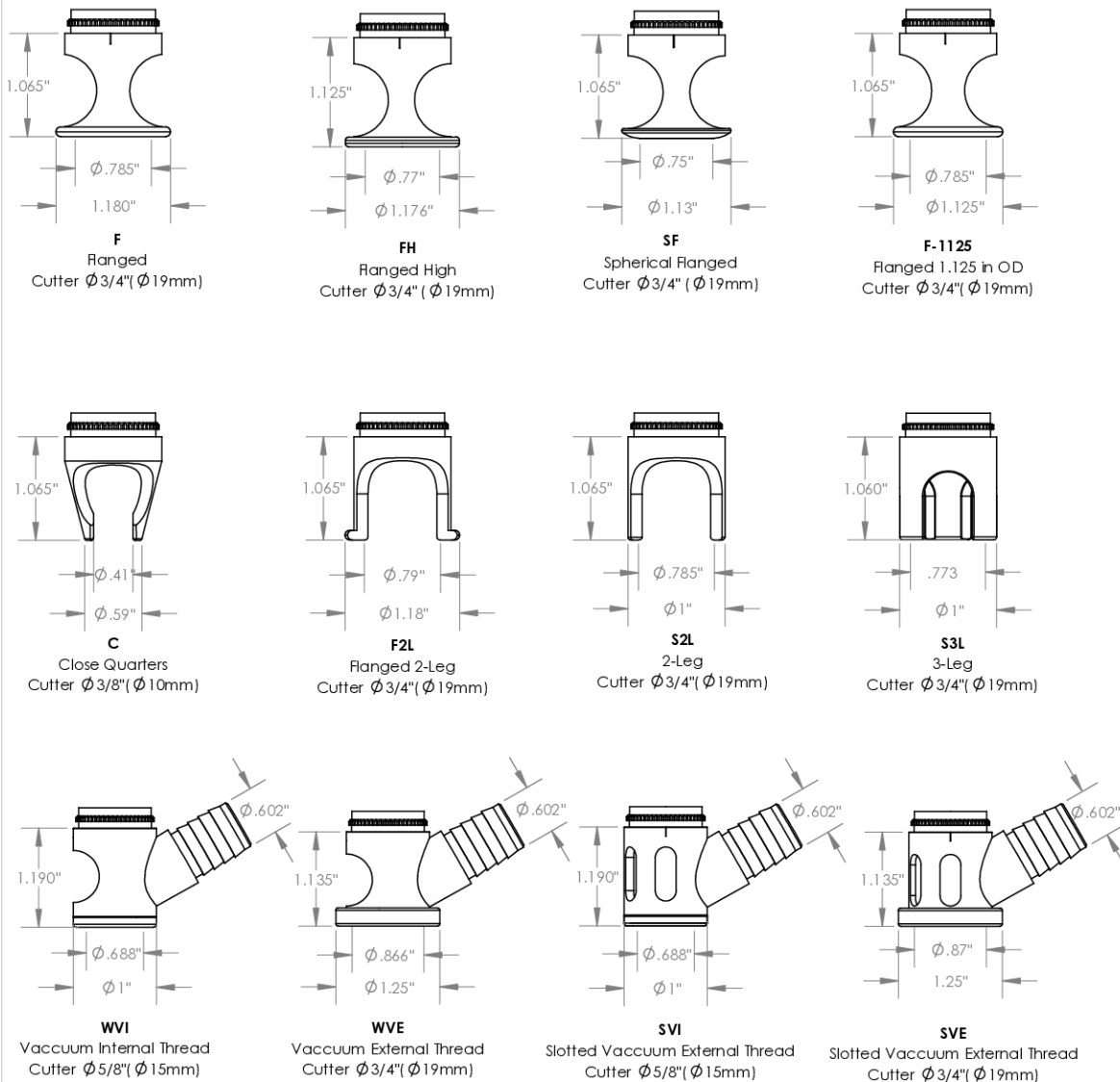
Revision 05

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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Revision 05

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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