

## DATASHEET

PART NUMBER

### WES597-6-SBWEN

**Wescon 597 Stainless Steel Microstop - M6x1 -  
25.4 mm Cutter Capacity - Slotted Bell Wide  
External Thread Skirt - Nylon Foot**

HIGH SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

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



\* 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                     | Round                             |
| Shaft Diameter            | 6.35 mm                           |
| Cutter Capacity           | 25.4 mm                           |
| Skirt                     | Slotted Bell Wide External Thread |
| Skirt Description         | 25.4 mm Cutter Capacity           |
| Foot                      | Nylon                             |
| Solid Stop                | Yes                               |
| Material                  | Stainless Steel                   |
| Country of Origin         | 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

Revision 03

All dimensions are in inches

Information in this drawing is provided for reference only

Image 1

### Skirt Option



Continued In Next Page.

Revision 03

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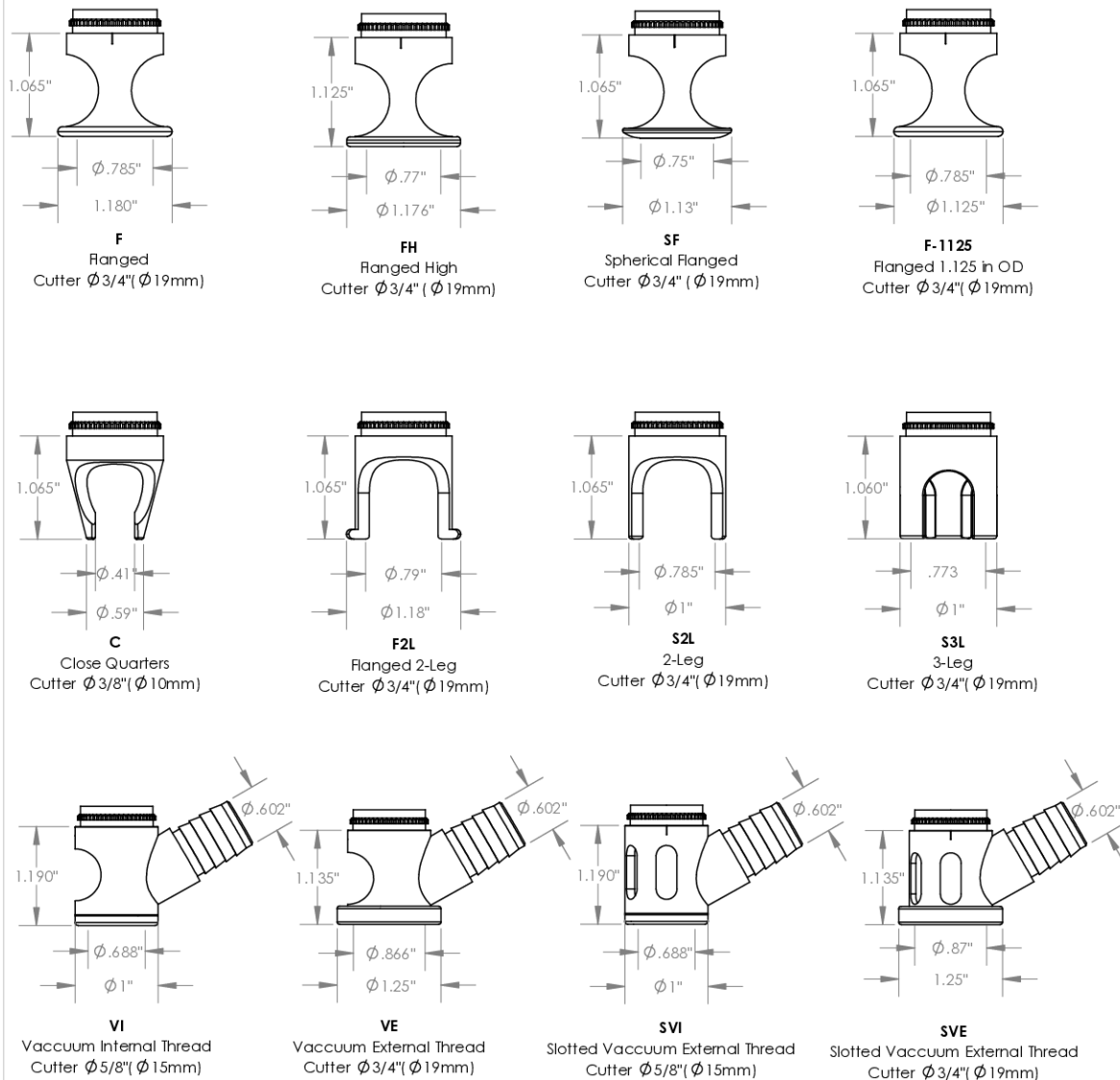
Part Number

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Wescon 597 Microstop

Image 2

### Skirt Option (Continuation)



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Wescon 597 Microstop

Revision 03

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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 |



Part Number **WES597**

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Image 4