

## DATASHEET

PART NUMBER

### WES597-WVS-TSL

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

HIGH SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES597-WVS-TSL>



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

## SPECIFICATIONS

|                           |   |
|---------------------------|---|
| Measurement Type          | Imperial                                  |
| Bearing Rating            | 10,000 rpm                                |
| Bearing Type              | Dual Ball Bearings                        |
| Heavy Duty Thrust Bearing | Yes                                       |
| Incremental Adjustment    | 0.0005 in                                 |
| Shaft Travel              | 0.300 in                                  |
| Dust Seal                 | Integrated Dust Seal                      |
| Cutter Thread             | 1/4-28                                    |
| Shaft                     | Threaded Shank Long (1/4-28)              |
| Shaft Diameter            | 1/4 in                                    |
| Cutter Capacity           | 3/4 in                                    |
| Skirt                     | Vacuum Straight                           |
| Skirt Description         | 1 in OD 0.87 in ID 3/4 in Cutter Capacity |
| Solid Stop                | Yes                                       |
| Material                  | Stainless Steel                           |
| Vacuum Adapter            | Yes                                       |
| 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 04 All dimensions are in inches Information in this drawing is provided for reference only

Image 1

### Skirt Option



Continued In Next Page.

Revision 04

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Part Number

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Image 2

### Skirt Option (Continuation)



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**WES597**

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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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Wescon 597 Microstop

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Image 4