

## DATASHEET

### PART NUMBER

## WES597-8-SSCA-QC

**Wescon 597 Stainless Steel Microstop - M8x1 - 19 mm Cutter Capacity - Slotted Straight Cutaway**

HIGH SPEED HEAVY DUTY STAINLESS STEEL

### WEBSITE

<https://www.wesconusa.com/products/WES597-8-SSCA-QC>



\* 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             | M8x1                                         |
| Shaft                     | Quick Change                                 |
| Shaft Diameter            | 6.35 mm                                      |
| Cutter Capacity           | 19 mm                                        |
| Skirt                     | Slotted Straight Cutaway                     |
| Skirt Description         | 25.4 mm OD 20.07 mm ID 19 mm Cutter Capacity |
| Solid Stop                | Yes                                          |
| Material                  | Stainless Steel                              |
| Country of Origin         | USA                                          |

ADDITIONAL IMAGES AND DRAWINGS

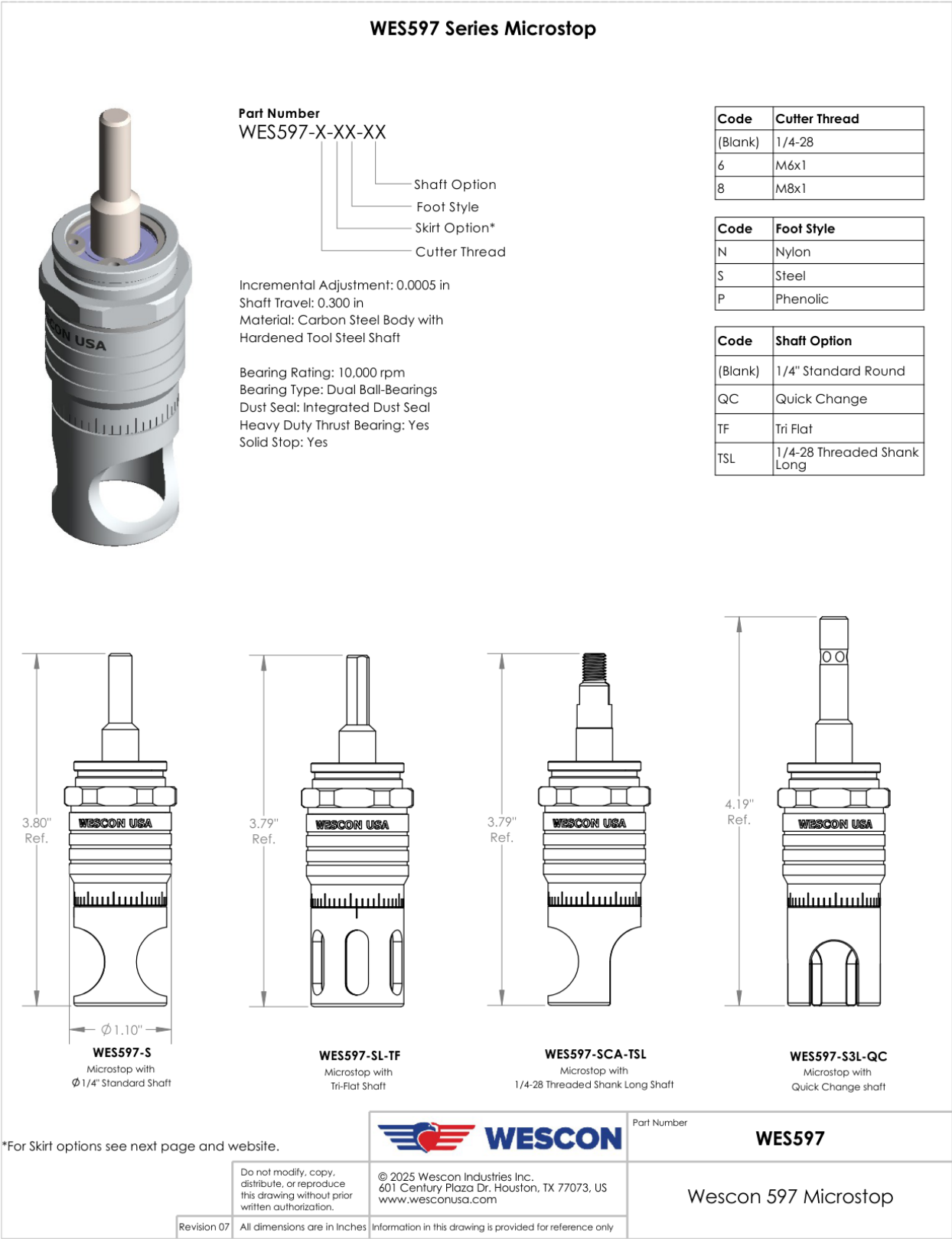
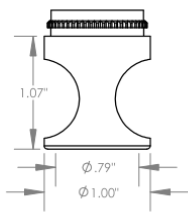
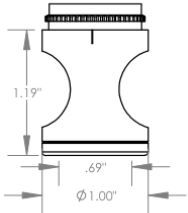


Image 1

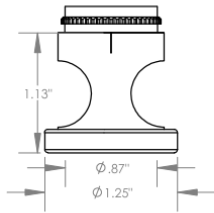
Skirt Option



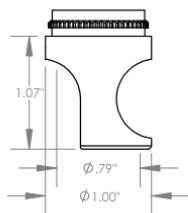
**S**  
Straight  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



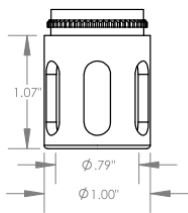
**I**  
Internal Thread\*  
Cutter  $\phi 5/8"$  ( $\phi 15\text{mm}$ )



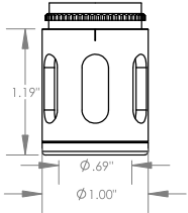
**E**  
External Thread\*  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



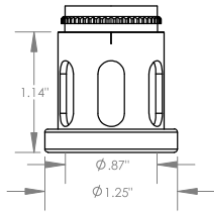
**SCA**  
Straight Cutaway  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



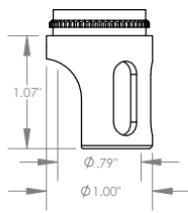
**SL**  
Slotted  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



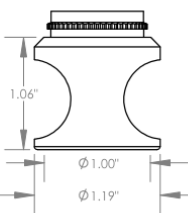
**SI**  
Slotted Internal Thread\*  
Cutter  $\phi 5/8"$  ( $\phi 15\text{mm}$ )



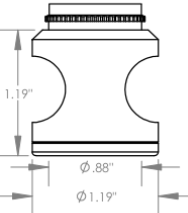
**SE**  
Slotted External Thread\*  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



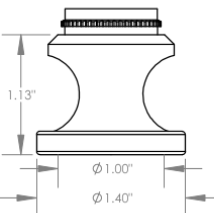
**SSCA**  
Slotted Straight Cutaway  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



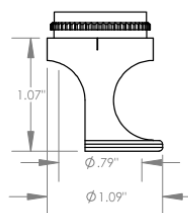
**B**  
Bell  
Cutter  $\phi 7/8"$  ( $\phi 22\text{mm}$ )



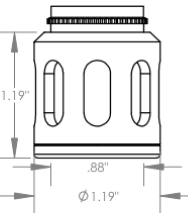
**BI**  
Bell Internal Thread\*  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



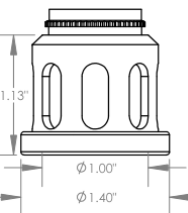
**BE**  
Bell External Thread\*  
Cutter  $\phi 7/8"$  ( $\phi 22\text{mm}$ )



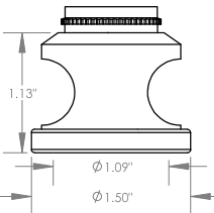
**FCA**  
Flanged Cutaway  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



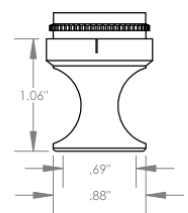
**SBI**  
Slotted Bell Internal Thread\*  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**SBE**  
Slotted Bell External Thread\*  
Cutter  $\phi 7/8"$  ( $\phi 22\text{mm}$ )



**BWE**  
Bell Wide External Thread\*  
Cutter  $\phi 1"$  ( $\phi 25\text{mm}$ )



**S-875**  
Straight 0.875 in OD  
Cutter  $\phi 5/8"$  ( $\phi 15\text{mm}$ )

\*Select foot style from table  
Continued In Next Page.

Revision 07

Do not modify, copy,  
distribute, or reproduce  
this drawing without prior  
written authorization.

All dimensions are in Inches



© 2025 Wescon Industries Inc.  
601 Century Plaza Dr. Houston, TX 77073, US  
www.wesconusa.com

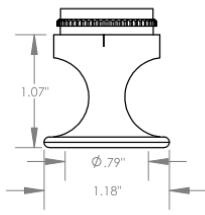
Information in this drawing is provided for reference only

Part Number

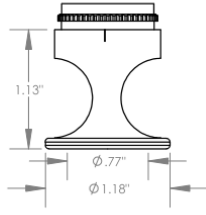
**WES597**

Wescon 597 Microstop

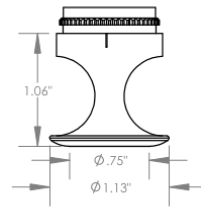
## Skirt Option (Continuation)



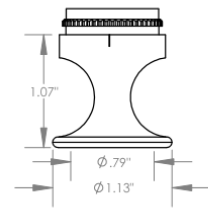
**F**  
Flanged  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



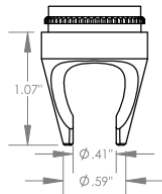
**FH**  
Flanged High  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



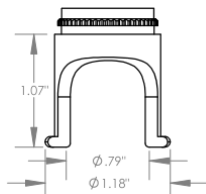
**SF**  
Spherical Flanged  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



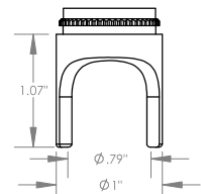
**F-1125**  
Flanged 1.125 in OD  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



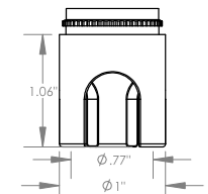
**C**  
Close Quarters  
Cutter  $\Phi 3/8"$  ( $\Phi 10\text{mm}$ )



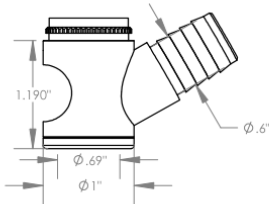
**F2L**  
Flanged 2-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



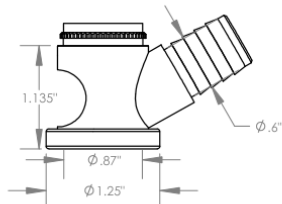
**S2L**  
2-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



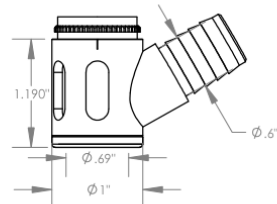
**S3L**  
3-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



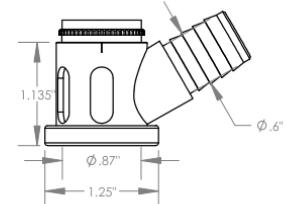
**WVI**  
Vacuum Internal Thread\*  
Cutter  $\Phi 5/8"$  ( $\Phi 15\text{mm}$ )



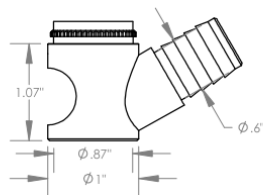
**WVE**  
Vacuum External Thread\*  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



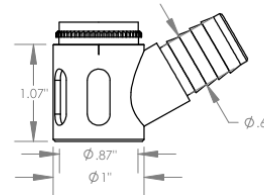
**SVI**  
Slotted Vacuum Internal Thread\*  
Cutter  $\Phi 5/8"$  ( $\Phi 15\text{mm}$ )



**SVE**  
Slotted Vacuum External Thread\*  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**WVS**  
Vacuum Straight  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**SVS**  
Slotted Vacuum Straight  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )

\*Select foot style from table

Revision 07

Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.

All dimensions are in inches



© 2025 Wescon Industries Inc.  
601 Century Plaza Dr. Houston, TX 77073, US  
www.wesconusa.com

Information in this drawing is provided for reference only

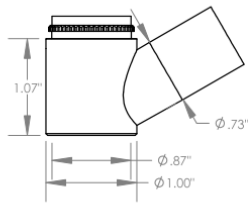
Part Number

**WES597**

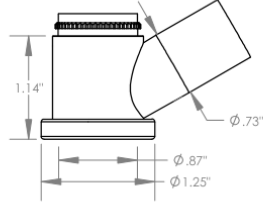
**Wescon 597 Microstop**

Image 3

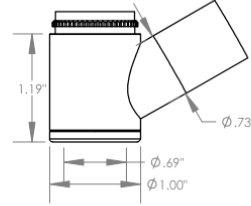
## Skirt Option



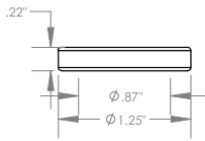
**VS**  
Vacuum Straight  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**VE**  
Vacuum External Thread\*  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )

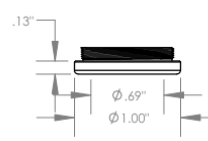


**VI**  
Vacuum Internal Thread\*  
Cutter  $\Phi 5/8"$  ( $\Phi 15\text{mm}$ )



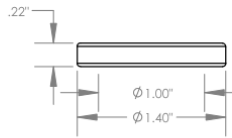
| Part Number | Material |
|-------------|----------|
| 59631-N     | Nylon    |
| 59631-S     | Steel    |
| 59631-P     | Phenolic |

**Foot Style For External Thread**



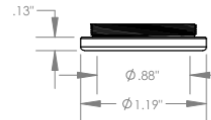
| Part Number | Material |
|-------------|----------|
| 59620-N     | Nylon    |
| 59620-S     | Steel    |
| 59620-P     | Phenolic |

**Foot Style For Internal Thread**



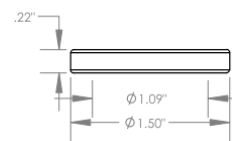
| Part Number | Material |
|-------------|----------|
| 59641-N     | Nylon    |
| 59641-S     | Steel    |
| 59641-P     | Phenolic |

**Foot Style For Bell External Thread**



| Part Number | Material |
|-------------|----------|
| 59640-N     | Nylon    |
| 59640-S     | Steel    |
| 59640-P     | Phenolic |

**Foot Style For Bell Internal Thread**



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

**Foot Style For Bell Wide External Thread**

\*Select foot style from table

Revision 07

Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.

All dimensions are in Inches



© 2025 Wescon Industries Inc.  
601 Century Plaza Dr. Houston, TX 77073, US  
www.wesconusa.com

Information in this drawing is provided for reference only

Part Number

**WES597**

**Wescon 597 Microstop**

Image 4