

## DATASHEET

### PART NUMBER

## WES596-8-SSCA-QC

**Wescon 596 Microstop - M8x1 - 19 mm Cutter  
Capacity - Slotted Straight Cutaway**

HIGH SPEED HEAVY DUTY

### WEBSITE

<https://www.wesconusa.com/products/WES596-8-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                  | Steel                                        |
| Country of Origin         | USA                                          |

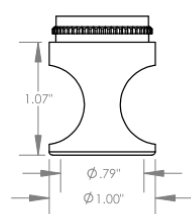
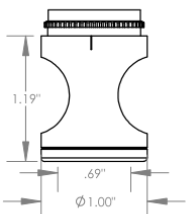
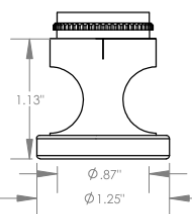
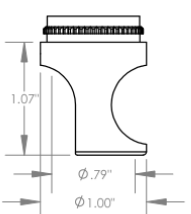
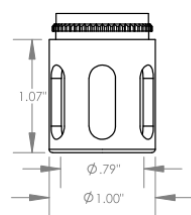
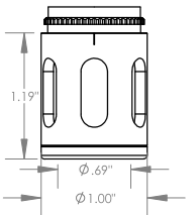
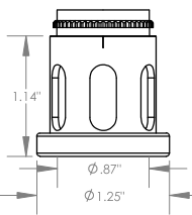
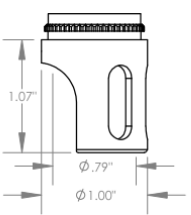
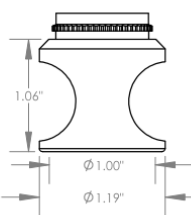
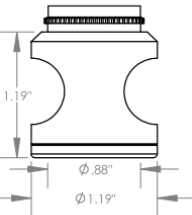
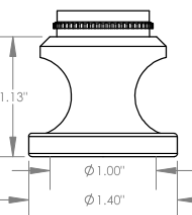
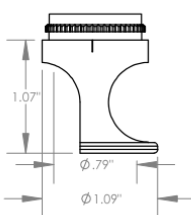
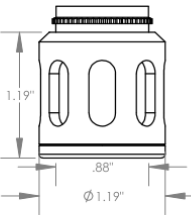
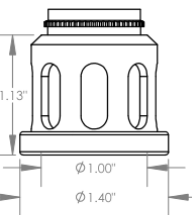
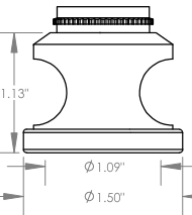
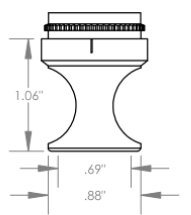
WES596-8-SSCA-QC  
August 11, 2026

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Information in this drawing is provided for reference only

Skirt Option

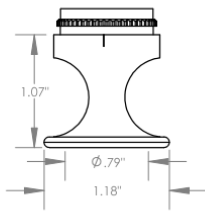
|                                                                                                                                                                                                                         |                                                                                                                                                                                                                         |                                                                                                                                                                                                                     |                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>S</b><br/>Straight<br/>Cutter <math>\varnothing 3/4"</math> (<math>\varnothing 19\text{mm}</math>)</p>                          |  <p><b>I</b><br/>Internal Thread*<br/>Cutter <math>\varnothing 5/8"</math> (<math>\varnothing 15\text{mm}</math>)</p>                  |  <p><b>E</b><br/>External Thread*<br/>Cutter <math>\varnothing 3/4"</math> (<math>\varnothing 19\text{mm}</math>)</p>             |  <p><b>SCA</b><br/>Straight Cutaway<br/>Cutter <math>\varnothing 3/4"</math> (<math>\varnothing 19\text{mm}</math>)</p>          |
|  <p><b>SL</b><br/>Slotted<br/>Cutter <math>\varnothing 3/4"</math> (<math>\varnothing 19\text{mm}</math>)</p>                          |  <p><b>SI</b><br/>Slotted Internal Thread*<br/>Cutter <math>\varnothing 5/8"</math> (<math>\varnothing 15\text{mm}</math>)</p>         |  <p><b>SE</b><br/>Slotted External Thread*<br/>Cutter <math>\varnothing 3/4"</math> (<math>\varnothing 19\text{mm}</math>)</p>    |  <p><b>SSCA</b><br/>Slotted Straight Cutaway<br/>Cutter <math>\varnothing 3/4"</math> (<math>\varnothing 19\text{mm}</math>)</p> |
|  <p><b>B</b><br/>Bell<br/>Cutter <math>\varnothing 7/8"</math> (<math>\varnothing 22\text{mm}</math>)</p>                             |  <p><b>BI</b><br/>Bell Internal Thread*<br/>Cutter <math>\varnothing 3/4"</math> (<math>\varnothing 19\text{mm}</math>)</p>           |  <p><b>BE</b><br/>Bell External Thread*<br/>Cutter <math>\varnothing 7/8"</math> (<math>\varnothing 22\text{mm}</math>)</p>      |  <p><b>FCA</b><br/>Flanged Cutaway<br/>Cutter <math>\varnothing 3/4"</math> (<math>\varnothing 19\text{mm}</math>)</p>          |
|  <p><b>SBI</b><br/>Slotted Bell Internal Thread*<br/>Cutter <math>\varnothing 3/4"</math> (<math>\varnothing 19\text{mm}</math>)</p> |  <p><b>SBE</b><br/>Slotted Bell External Thread*<br/>Cutter <math>\varnothing 7/8"</math> (<math>\varnothing 22\text{mm}</math>)</p> |  <p><b>BWE</b><br/>Bell Wide External Thread*<br/>Cutter <math>\varnothing 1"</math> (<math>\varnothing 25\text{mm}</math>)</p> |  <p><b>S-875</b><br/>Straight 0.875 in OD<br/>Cutter <math>\varnothing 5/8"</math> (<math>\varnothing 15\text{mm}</math>)</p>  |

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

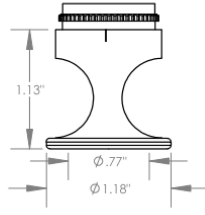
|                                                                                                 |                              |                                                                                                                                          |                      |               |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------|
|                                                                                                 |                              |  <b>WESCON</b>                                        | Part Number          | <b>WES596</b> |
| Do not modify, copy, distribute, or reproduce this drawing without prior written authorization. |                              | © 2025 Wescon Industries Inc.<br>601 Century Plaza Dr. Houston, TX 77073, US<br><a href="http://www.wesconusa.com">www.wesconusa.com</a> | Wescon 596 Microstop |               |
| Revision 09                                                                                     | All dimensions are in Inches | Information in this drawing is provided for reference only                                                                               |                      |               |

Image 2

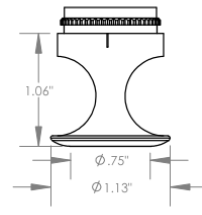
## Skirt Option (Continuation)



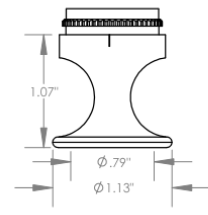
**F**  
Flanged  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



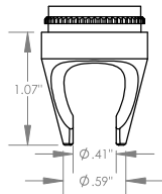
**FH**  
Flanged High  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



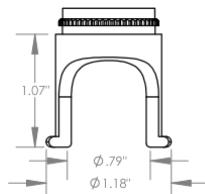
**SF**  
Spherical Flanged  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



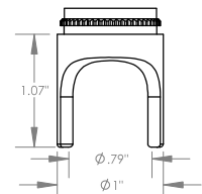
**F-1125**  
Flanged 1.125 in OD  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



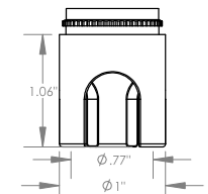
**C**  
Close Quarters  
Cutter  $\Phi 3/8"$  ( $\Phi 10\text{mm}$ )



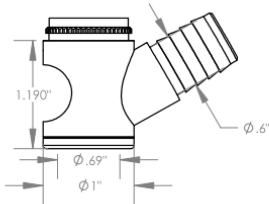
**F2L**  
Flanged 2-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



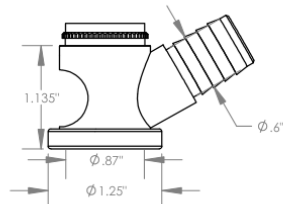
**S2L**  
2-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



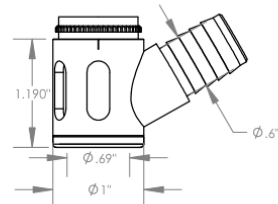
**S3L**  
3-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



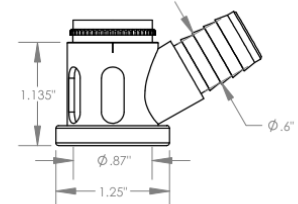
**WVI**  
Vacuum Internal Thread\*  
Cutter  $\Phi 5/8"$  ( $\Phi 15\text{mm}$ )



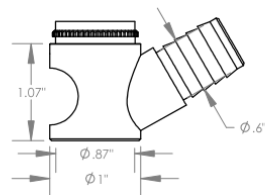
**WVE**  
Vacuum External Thread\*  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



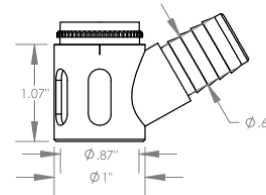
**SVI**  
Slotted Vacuum Internal Thread\*  
Cutter  $\Phi 5/8"$  ( $\Phi 15\text{mm}$ )



**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 09

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All dimensions are in inches



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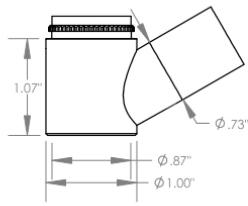
Part Number

**WES596**

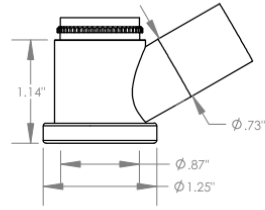
**Wescon 596 Microstop**

Image 3

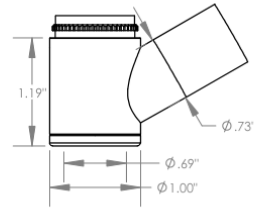
## Skirt Option



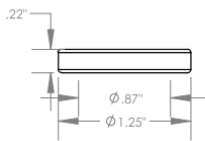
**VS**  
Vacuum Straight  
Cutter  $\frac{3}{4}$ " ( $\phi$  19mm)



**VE**  
Vacuum External Thread\*  
Cutter  $\frac{3}{4}$ " ( $\phi$  19mm)

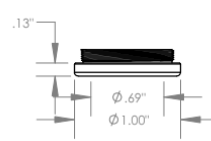


**VI**  
Vacuum Internal Thread\*  
Cutter  $\frac{5}{8}$ " ( $\phi$  15mm)



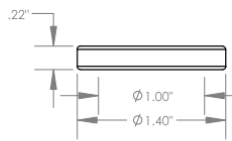
| Part Number | Material |
|-------------|----------|
| 59631-N     | Nylon    |
| 59631-S     | Steel    |
| 59631-P     | Phenolic |

**Foot Style For External Thread**



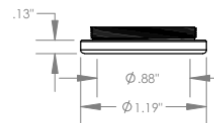
| Part Number | Material |
|-------------|----------|
| 59620-N     | Nylon    |
| 59620-S     | Steel    |
| 59620-P     | Phenolic |

**Foot Style For Internal Thread**



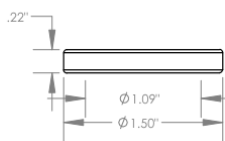
| Part Number | Material |
|-------------|----------|
| 59641-N     | Nylon    |
| 59641-S     | Steel    |
| 59641-P     | Phenolic |

**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 09

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All dimensions are in Inches



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Part Number

**WES596**

**Wescon 596 Microstop**

Image 4