

## DATASHEET

PART NUMBER

# WES598-6-S

**Wescon 598 Microstop - M6x1 - 19 mm Cutter  
Capacity - Straight**

10 DEGREE PIVOTING SHAFT (SWIVEL SHAFT) / HIGH  
SPEED HEAVY DUTY

WEBSITE

<https://www.wesconusa.com/products/WES598-6-S>



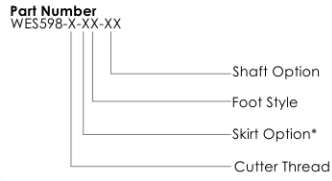
\* The image represents the general look of the series. Actual product may vary based on options selected.

## 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 - Pivoting / Swivel Shaft  |
| Shaft Diameter            | 6.35 mm                          |
| Cutter Capacity           | 19 mm                            |
| Skirt                     | Straight                         |
| Skirt Description         | 25.4 mm OD 19 mm Cutter Capacity |
| Solid Stop                | Yes                              |
| Material                  | Steel                            |
| Country of Origin         | USA                              |

# ADDITIONAL IMAGES AND DRAWINGS

## WES598 Series Microstop



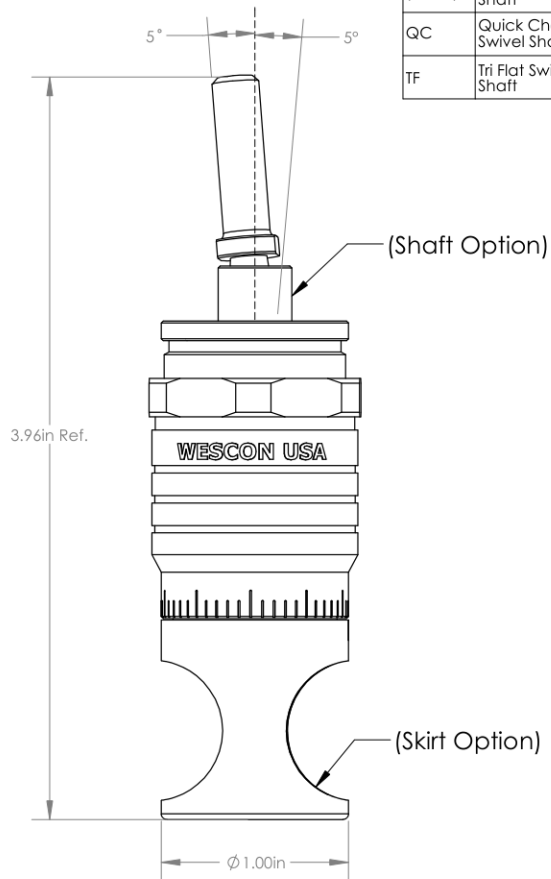
| Code    | Cutter Thread |
|---------|---------------|
| (Blank) | 1/4-28        |
| 6       | M6x1          |
| 8       | M8x1          |

| Code | Foot Style |
|------|------------|
| N    | Nylon      |
| S    | Steel      |
| P    | Phenolic   |

| Code    | Shaft Option              |
|---------|---------------------------|
| (Blank) | Round Swivel Shaft        |
| QC      | Quick Change Swivel Shaft |
| TF      | Tri Flat Swivel Shaft     |

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 **WES598**

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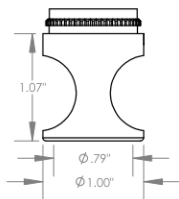
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Wescon 598 Microstop

Revision 09 All dimensions are in Inches Information in this drawing is provided for reference only

Image 1

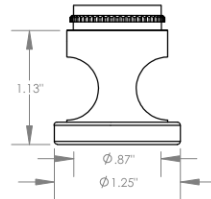
### Skirt Option



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



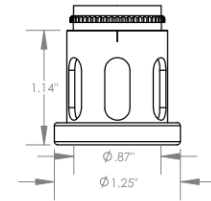
**SCA**  
Straight Cutaway  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



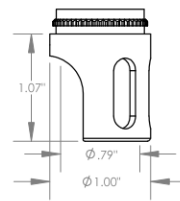
**SL**  
Slotted  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



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



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



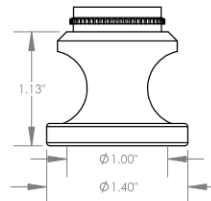
**SSCA**  
Slotted Straight Cutaway  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



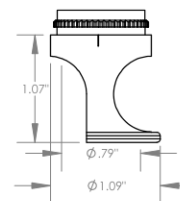
**B**  
Bell  
Cutter  $\phi 7/8"$  ( $\phi 22\text{mm}$ )



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



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



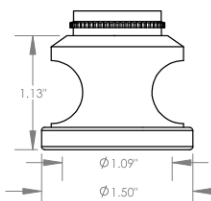
**FCA**  
Flanged Cutaway  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



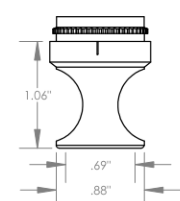
**SBI**  
Slotted Bell Internal Thread\*  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**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  $\phi 5/8"$  ( $\phi 15\text{mm}$ )



Part Number

**WES598**

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

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Wescon 598 Microstop

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Image 2

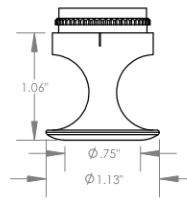
**Skirt Option (Continuation)**



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



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



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



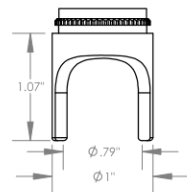
**F-1125**  
Flanged 1.125 in OD  
Cutter  $\Phi 3/4"$  ( $\Phi 19$ mm)



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



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



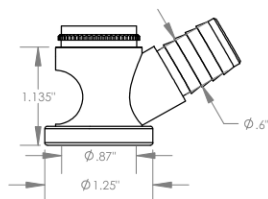
**S2L**  
2-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19$ mm)



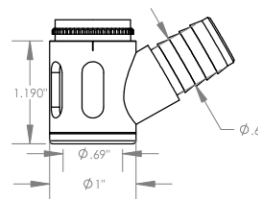
**S3L**  
3-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19$ mm)



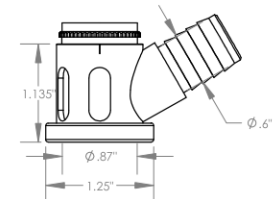
**WVI**  
Vacuum Internal Thread\*  
Cutter  $\Phi 5/8"$  ( $\Phi 15$ mm)



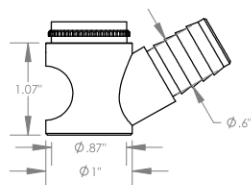
**WVE**  
Vacuum External Thread\*  
Cutter  $\Phi 3/4"$  ( $\Phi 19$ mm)



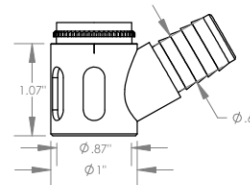
**SVI**  
Slotted Vacuum Internal Thread\*  
Cutter  $\Phi 5/8"$  ( $\Phi 15$ mm)



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



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



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



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\*Select foot style from table

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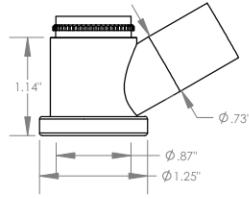
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Image 3

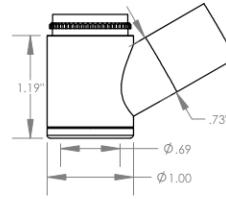
### Skirt Option



**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  $\phi 5/8"$  ( $\phi 15\text{mm}$ )



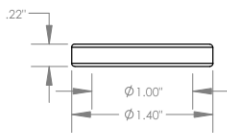
**Foot Style For External Thread**

| 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 |



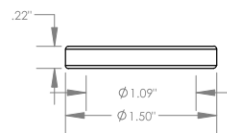
**Foot Style For Bell External Thread**

| 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 |

\*Select foot style from table

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Image 4