

## DATASHEET

PART NUMBER

### WES599-8-WVIP

**Wescon 599 Stainless Steel Microstop - M8x1 -  
 15 mm Cutter Capacity - Vacuum Internal  
 Thread Skirt - Phenolic Foot**

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

WEBSITE

<https://www.wesconusa.com/products/WES599-8-WVIP>



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

## SPECIFICATIONS

<b>Measurement Type</b>	Metric
<b>Bearing Rating</b>	10,000 rpm
<b>Bearing Type</b>	Dual Ball Bearings
<b>Heavy Duty Thrust Bearing</b>	Yes
<b>Incremental Adjustment</b>	0.013 mm
<b>Shaft Travel</b>	7.60 mm
<b>Dust Seal</b>	Integrated Dust Seal
<b>Cutter Thread</b>	M8x1
<b>Shaft</b>	Round - Pivoting / Swivel Shaft
<b>Shaft Diameter</b>	6.35 mm
<b>Cutter Capacity</b>	15 mm
<b>Skirt</b>	Vacuum Internal Thread
<b>Skirt Description</b>	25.4 mm OD 15 mm Cutter Capacity
<b>Foot</b>	Phenolic
<b>Solid Stop</b>	Yes
<b>Material</b>	Stainless Steel
<b>Vacuum Adapter</b>	Yes

Country of Origin

USA

### ADDITIONAL IMAGES AND DRAWINGS

**WES599 Series Microstop**



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

**Part Number**  
WES599-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)	Round Swivel Shaft
QC	Quick Change Swivel Shaft
TF	Tri Flat Swivel Shaft



5° 5°

3.96in Ref.

(Shaft Option)

(Skirt Option)

∅ 1.00in

<p>*For Skirt options see next page and website.</p> <p>Revision 04 All dimensions are in inches</p>	 <p>© 2025 Wescon Industries Inc.          601 Century Plaza Dr. Houston, TX 77073, US          www.wesconusa.com</p>	<p>Part Number <b>WES599</b></p> <p><b>Wescon 599 Microstop</b></p>
<p>Information in this drawing is provided for reference only</p>		

Image 1

### Skirt Option



Part Number

**WES599**

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Wescon 599 Microstop

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Revision 04

All dimensions are in inches

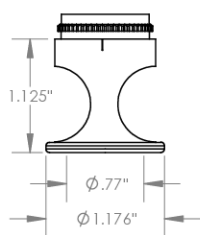
Information in this drawing is provided for reference only

Image 2

### Skirt Option (Continuation)



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



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



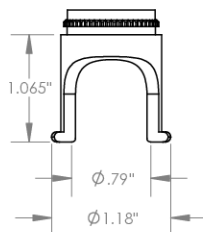
**SF**  
Spherical Flanged  
Cutter  $\phi 3/4"$  ( $\phi 19$ mm)



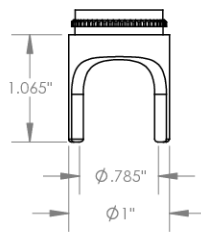
**F-1125**  
Flanged 1.125 in OD  
Cutter  $\phi 3/4"$  ( $\phi 19$ mm)



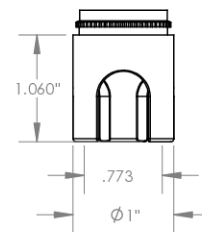
**C**  
Close Quarters  
Cutter  $\phi 3/8"$  ( $\phi 10$ mm)



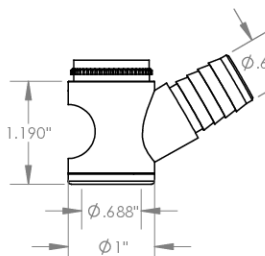
**F2L**  
Flanged 2-Leg  
Cutter  $\phi 3/4"$  ( $\phi 19$ mm)



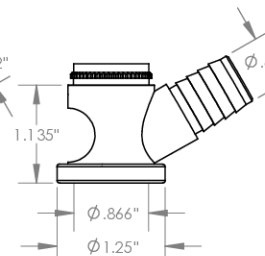
**S2L**  
2-Leg  
Cutter  $\phi 3/4"$  ( $\phi 19$ mm)



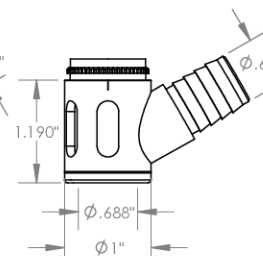
**S3L**  
3-Leg  
Cutter  $\phi 3/4"$  ( $\phi 19$ mm)



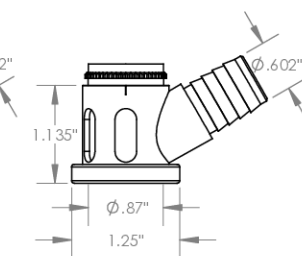
**WVI**  
Vacuum Internal Thread  
Cutter  $\phi 5/8"$  ( $\phi 15$ mm)



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



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



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



Part Number

**WES599**

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Wescon 599 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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Image 4