

DATASHEET

PART NUMBER

WES599-6-VEN

**Wescon 599 Stainless Steel Microstop - M6x1 -
19.05 mm Cutter Capacity - Vacuum External
Thread Skirt - Nylon Foot**

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

WEBSITE

<https://www.wesconusa.com/products/WES599-6-VEN>



* 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	19.05 mm
Skirt	Vacuum External Thread
Skirt Description	31.75 mm OD 22.01 mm ID 19.05 mm Cutter Capacity
Foot	Nylon
Solid Stop	Yes
Material	Stainless Steel
Vacuum Adapter	Yes

Country of Origin

USA

ADDITIONAL IMAGES AND DRAWINGS

WES599 Series Microstop



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

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



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 WES599</p> <p style="text-align: center; font-size: 1.2em;">Wescon 599 Microstop</p>
<p>Information in this drawing is provided for reference only</p>		

Image 1

Skirt Option



Part Number

WES599

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Continued In Next Page.

Wescon 599 Microstop

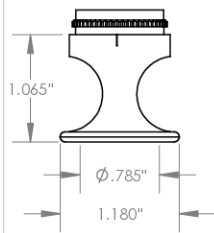
Revision 04

All dimensions are in inches

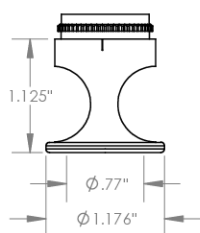
Information in this drawing is provided for reference only

Image 2

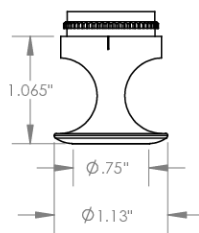
Skirt Option (Continuation)



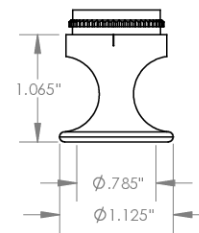
F
Flanged
Cutter $\phi 3/4\text{''}$ ($\phi 19\text{mm}$)



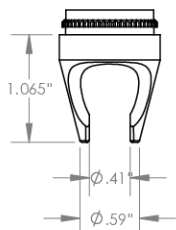
FH
Flanged High
Cutter $\phi 3/4\text{''}$ ($\phi 19\text{mm}$)



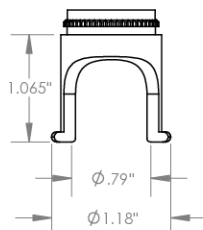
SF
Spherical Flanged
Cutter $\phi 3/4\text{''}$ ($\phi 19\text{mm}$)



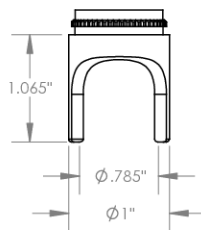
F-1125
Flanged 1.125 in OD
Cutter $\phi 3/4\text{''}$ ($\phi 19\text{mm}$)



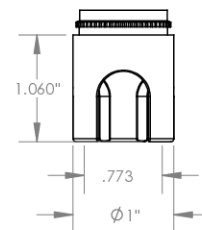
C
Close Quarters
Cutter $\phi 3/8\text{''}$ ($\phi 10\text{mm}$)



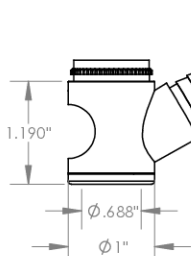
F2L
Flanged 2-Leg
Cutter $\phi 3/4\text{''}$ ($\phi 19\text{mm}$)



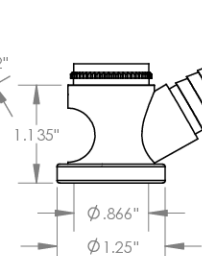
S2L
2-Leg
Cutter $\phi 3/4\text{''}$ ($\phi 19\text{mm}$)



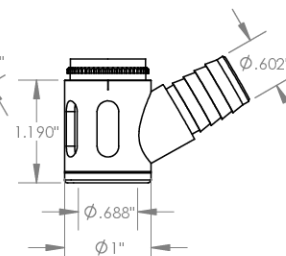
S3L
3-Leg
Cutter $\phi 3/4\text{''}$ ($\phi 19\text{mm}$)



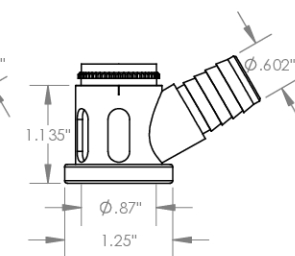
WVI
Vacuum Internal Thread
Cutter $\phi 5/8\text{''}$ ($\phi 15\text{mm}$)



WVE
Vacuum External Thread
Cutter $\phi 3/4\text{''}$ ($\phi 19\text{mm}$)



SVI
Slotted Vacuum External Thread
Cutter $\phi 5/8\text{''}$ ($\phi 15\text{mm}$)



SVE
Slotted Vacuum External Thread
Cutter $\phi 3/4\text{''}$ ($\phi 19\text{mm}$)



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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