

DATASHEET

PART NUMBER

WES596-BWEP-TF

**Wescon 596 Microstop - 1/4-28 - 1" Cutter
Capacity - Bell Wide Skirt External Phenolic
Foot**

HIGH SPEED HEAVY DUTY

WEBSITE

<https://www.wesconusa.com/products/WES596-BWEP-TF>



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

SPECIFICATIONS

Measurement Type	Imperial
Bearing Rating	10,000 rpm
Bearing Type	Dual Ball Bearings
Heavy Duty Thrust Bearing	Yes
Incremental Adjustment	0.0005 in
Shaft Travel	0.300 in
Dust Seal	Integrated Dust Seal
Cutter Thread	1/4-28
Shaft	Tri-Flat
Shaft Diameter	1/4 in
Cutter Capacity	1 in
Skirt	Bell Wide External Thread
Skirt Description	1 in Cutter Capacity
Foot	Phenolic
Solid Stop	Yes
Material	Steel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS



Image 0

WES596 Series Microstop



Part Number
WES596-X-XX-XX



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

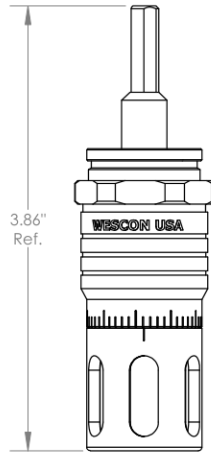
Code	Cutter Thread
(Blank)	1/4-28
6	M6x1
8	M8x1

Code	Foot Style
N	Nylon
S	Steel
P	Phenolic

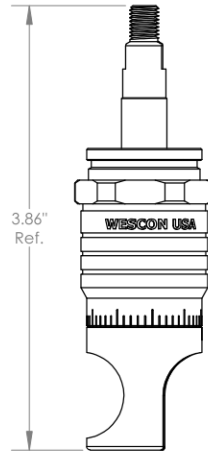
Code	Shaft Option
(Blank)	1/4" Standard Round
QC	Quick Change
TF	Tri Flat
TSL	1/4-28 Threaded Shank Long



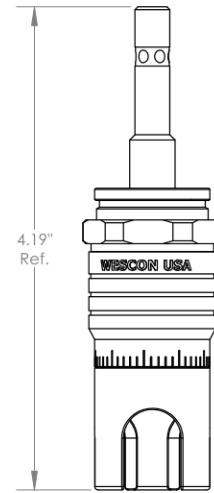
WES596-S
Microstop with
Ø 1/4" Standard Shaft



WES596-SL-TF
Microstop with
Tri-Flat Shaft



WES596-SCA-TSL
Microstop with
1/4-28 Threaded Shank Long Shaft



WES596-S3L-QC
Microstop with
Quick Change shaft

*For Skirt options see next page and website.



Part Number

WES596

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Wescon 596 Microstop

Revision 09

All dimensions are in inches

Information in this drawing is provided for reference only

Image 1

Skirt Option



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



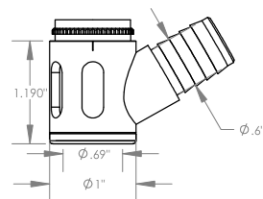
S3L
3-Leg
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



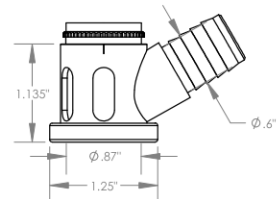
WVI
Vacuum Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



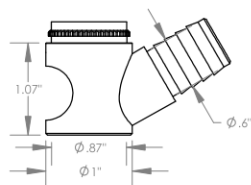
WVE
Vacuum External Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



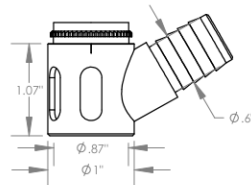
SVI
Slotted Vacuum Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



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



Part Number

WES596

*Select foot style from table

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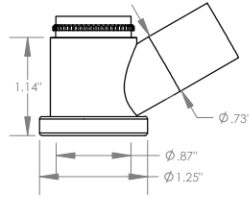
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Image 3

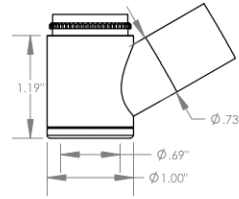
Skirt Option



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