

DATASHEET

PART NUMBER

WES597-SL

**Wescon 597 Stainless Steel Microstop - 1/4-28
 - 3/4" Cutter Capacity - Slotted**

HIGH SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES597-SL>




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	Round
Shaft Diameter	1/4 in
Cutter Capacity	3/4 in
Skirt	Slotted
Skirt Description	1 in OD 3/4 in Cutter Capacity
Solid Stop	Yes
Material	Stainless Steel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS

WES597 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

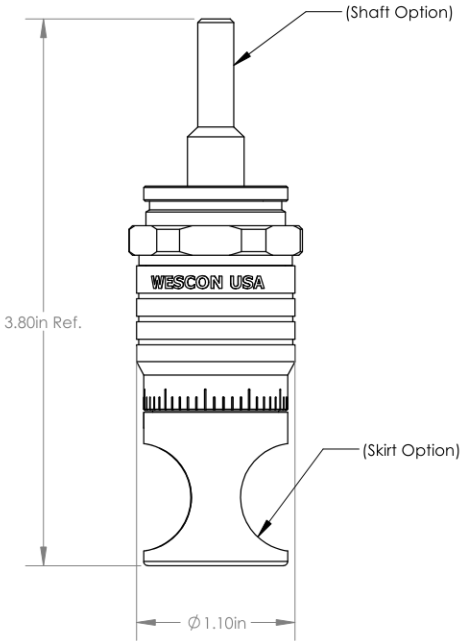
Part Number
WES597-X-XX-XX

- 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)	1/4in Standard Round
QC	Quick Change
TF	Tri Flat
TSL	1/4-28in Threaded Shank Long




(Shaft Option)

3.80in Ref.

(Skirt Option)

Ø 1.10in

*For Skirt options see next page and website.



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All dimensions are in inches

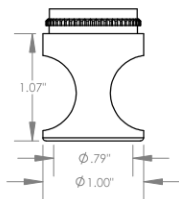
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Wescon 597 Microstop

Image 1

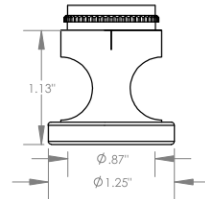
Skirt Option



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



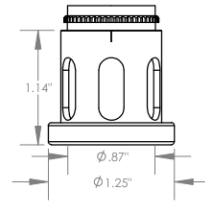
SCA
Straight Cutaway
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



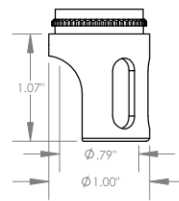
SL
Slotted
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



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 $\phi 7/8"$ ($\phi 22\text{mm}$)



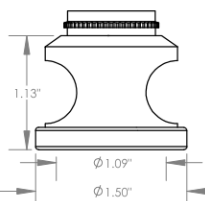
FCA
Flanged Cutaway
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



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



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*Select foot style from table
Continued In Next Page.

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



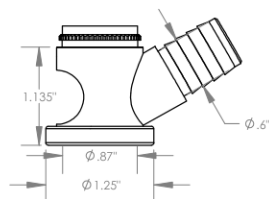
S2L
2-Leg
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



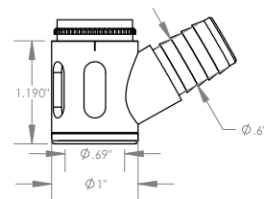
S3L
3-Leg
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



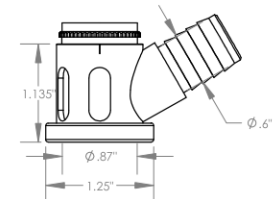
WVI
Vacuum Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



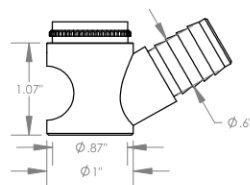
WVE
Vacuum External Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



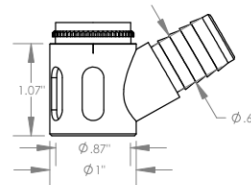
SVI
Slotted Vacuum Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



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

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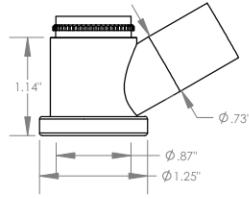
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Image 3

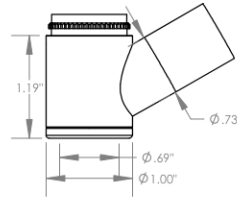
Skirt Option



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



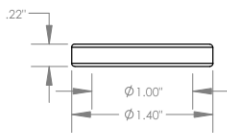
Foot Style For External Thread

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



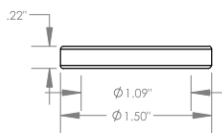
Foot Style For Bell External Thread

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