

DATASHEET

PART NUMBER

WES597-F

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

HIGH SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

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



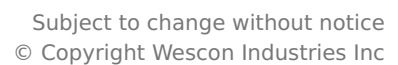
* The image represents the general look of the series. Actual product may vary based on options selected.

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	Round
Shaft Diameter	1/4 in
Cutter Capacity	3/4 in
Skirt	Flanged
Skirt Description	1-3/16 in OD 3/4 in Cutter Capacity
Solid Stop	Yes
Material	Stainless Steel
Country of Origin	USA

WES597-F
July 08, 2026

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Information in this drawing is provided for reference only

Skirt Option



S
Straight
Cutter $\varnothing 3/4"$ ($\varnothing 19\text{mm}$)



I
Internal Thread*
Cutter $\varnothing 5/8"$ ($\varnothing 15\text{mm}$)



E
External Thread*
Cutter $\varnothing 3/4"$ ($\varnothing 19\text{mm}$)



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



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



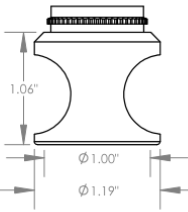
SI
Slotted Internal Thread*
Cutter $\varnothing 5/8"$ ($\varnothing 15\text{mm}$)



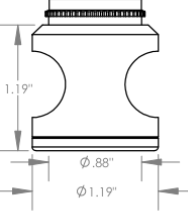
SE
Slotted External Thread*
Cutter $\varnothing 3/4"$ ($\varnothing 19\text{mm}$)



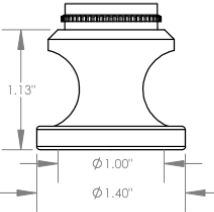
SSCA
Slotted Straight Cutaway
Cutter $\varnothing 3/4"$ ($\varnothing 19\text{mm}$)



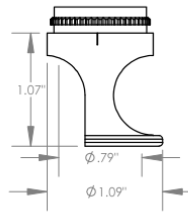
B
Bell
Cutter $\varnothing 7/8"$ ($\varnothing 22\text{mm}$)



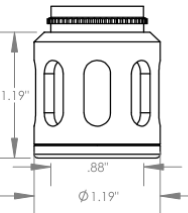
BI
Bell Internal Thread*
Cutter $\varnothing 3/4"$ ($\varnothing 19\text{mm}$)



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



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



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



SBE
Slotted Bell External Thread*
Cutter $\varnothing 7/8"$ ($\varnothing 22\text{mm}$)



BWE
Bell Wide External Thread*
Cutter $\varnothing 1"$ ($\varnothing 25\text{mm}$)



S-875
Straight 0.875 in OD
Cutter $\varnothing 5/8"$ ($\varnothing 15\text{mm}$)



Part Number

WES597

*Select foot style from table
Continued In Next Page.

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Wescon 597 Microstop

Revision 07

All dimensions are in Inches

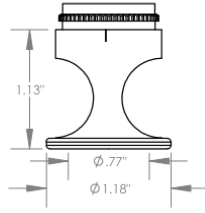
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Image 2

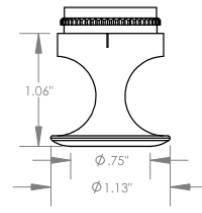
Skirt Option (Continuation)



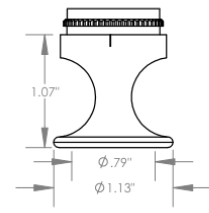
F
Flanged
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



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



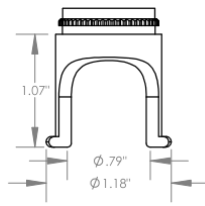
SF
Spherical Flanged
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



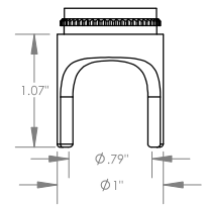
F-1125
Flanged 1.125 in OD
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



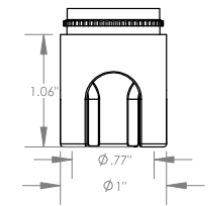
C
Close Quarters
Cutter $\Phi 3/8"$ ($\Phi 10\text{mm}$)



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



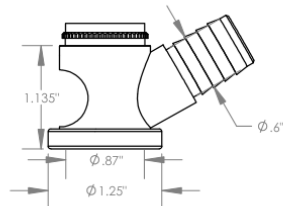
S2L
2-Leg
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



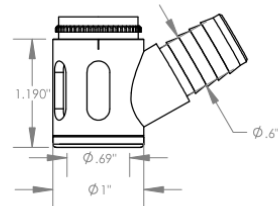
S3L
3-Leg
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



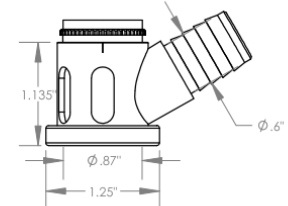
WVI
Vacuum Internal Thread*
Cutter $\Phi 5/8"$ ($\Phi 15\text{mm}$)



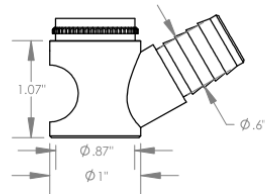
WVE
Vacuum External Thread*
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



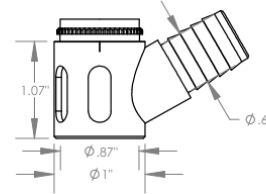
SVI
Slotted Vacuum Internal Thread*
Cutter $\Phi 5/8"$ ($\Phi 15\text{mm}$)



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

Revision 07

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All dimensions are in inches



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Image 3

Skirt Option



VS
Vacuum Straight
Cutter $\frac{3}{4}$ " (ϕ 19mm)



VE
Vacuum External Thread*
Cutter $\frac{3}{4}$ " (ϕ 19mm)



VI
Vacuum Internal Thread*
Cutter $\frac{5}{8}$ " (ϕ 15mm)



Part Number	Material
59631-N	Nylon
59631-S	Steel
59631-P	Phenolic

Foot Style For External Thread



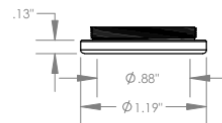
Part Number	Material
59620-N	Nylon
59620-S	Steel
59620-P	Phenolic

Foot Style For Internal Thread



Part Number	Material
59641-N	Nylon
59641-S	Steel
59641-P	Phenolic

Foot Style For Bell External Thread



Part Number	Material
59640-N	Nylon
59640-S	Steel
59640-P	Phenolic

Foot Style For Bell Internal Thread



Part Number	Material
59651-N	Nylon
59651-S	Steel
59651-P	Phenolic

Foot Style For Bell Wide External Thread

*Select foot style from table

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Image 4