

DATASHEET

PART NUMBER

WES597-6-SSCN-QC

**Wescon 597 Stainless Steel Microstop - M6x1 -
15.88 mm Cutter Capacity - Slotted Straight
Cutaway Nylon Foot**

HIGH SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES597-6-SSCN-QC>



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

The Wescon 597 Series Microstop is the stainless steel version of the 596, the industry standard high speed, heavy duty microstop countersink cage. Stainless steel construction makes it more durable and corrosion resistant than the standard alloy unit. Dual ball bearings rated to 10,000 rpm, a heavy duty thrust bearing, integrated dust seal and solid stop are unchanged, with 0.300 in (7.60 mm) of shaft travel and 0.0005 in (0.013 mm) incremental adjustment on a 1/4 in shaft. Cutter threads are 1/4-28, M6x1 or M8x1, with twelve skirt styles, nylon, steel or phenolic feet, and round, tri-flat (TF), quick change (QC) or long threaded shank (TSL) shafts.

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	Quick Change
Shaft Diameter	6.35 mm
Cutter Capacity	15.88 mm
Skirt	Slotted Straight Cutaway Nylon Foot

Skirt Description	25.4 mm OD 17.53 mm ID 15.88 mm Cutter Capacity
Solid Stop	Yes
Material	Stainless Steel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS

WES597 Series Microstop



Part Number
WES597-X-XX-XX

- Shaft Option
- Foot Style
- Skirt Option*
- Cutter Thread

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

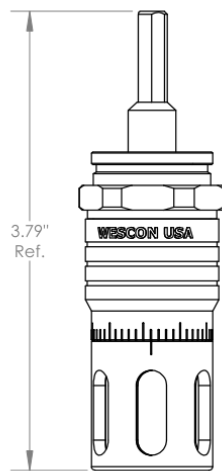
Code	Cutter Thread
(Blank)	1/4-28
6	M6x1
8	M8x1

Code	Foot Style
N	Nylon
S	Steel
P	Phenolic

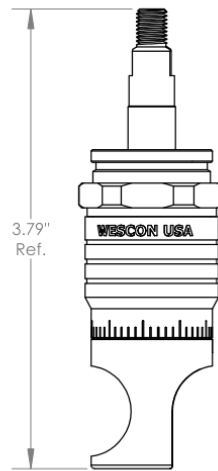
Code	Shaft Option
(Blank)	1/4" Standard Round
QC	Quick Change
TF	Tri Flat
TSL	1/4-28 Threaded Shank Long



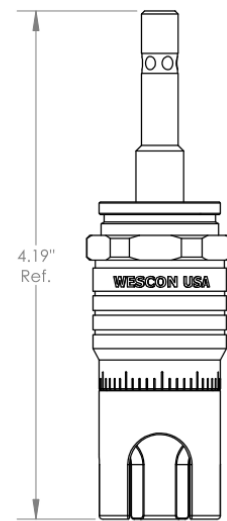
WES597-S
Microstop with
Ø 1/4" Standard Shaft



WES597-SL-TF
Microstop with
Tri-Flat Shaft



WES597-SCA-TSL
Microstop with
1/4-28 Threaded Shank Long Shaft



WES597-S3L-QC
Microstop with
Quick Change shaft

*For Skirt options see next page and website.



Part Number	
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WES597

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Wescon 597 Microstop

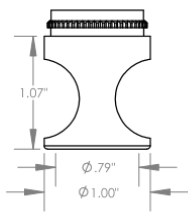
Revision 07

All dimensions are in Inches

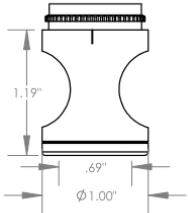
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Image 1

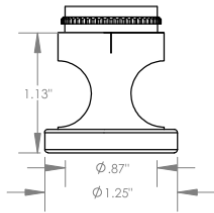
Skirt Option



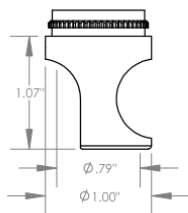
S
Straight
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



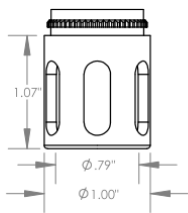
I
Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



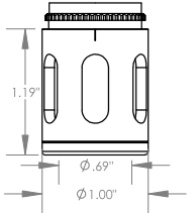
E
External Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



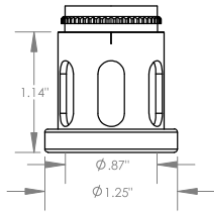
SCA
Straight Cutaway
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



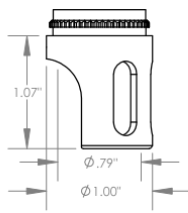
SL
Slotted
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



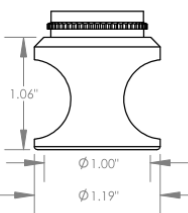
SI
Slotted Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



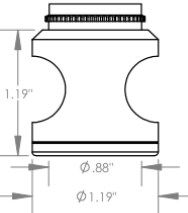
SE
Slotted External Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



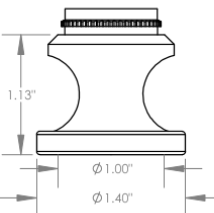
SSCA
Slotted Straight Cutaway
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



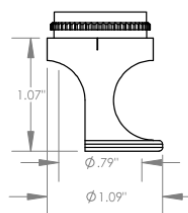
B
Bell
Cutter $\phi 7/8"$ ($\phi 22\text{mm}$)



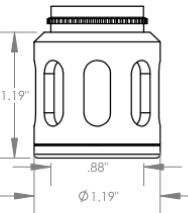
BI
Bell Internal Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



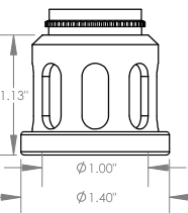
BE
Bell External Thread*
Cutter $\phi 7/8"$ ($\phi 22\text{mm}$)



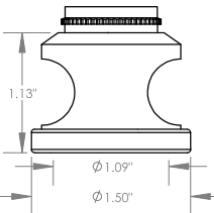
FCA
Flanged Cutaway
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



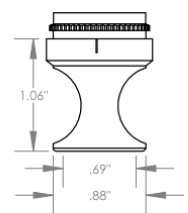
SBI
Slotted Bell Internal Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



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

*Select foot style from table
Continued In Next Page.

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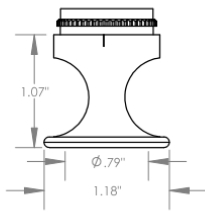
Part Number

WES597

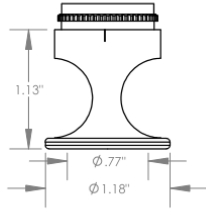
Wescon 597 Microstop

Image 2

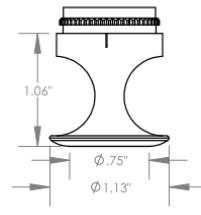
Skirt Option (Continuation)



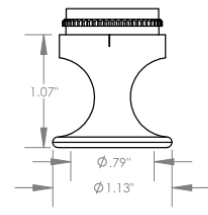
F
Flanged
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



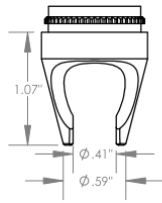
FH
Flanged High
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



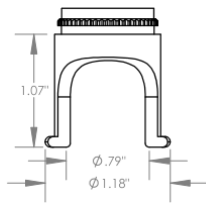
SF
Spherical Flanged
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



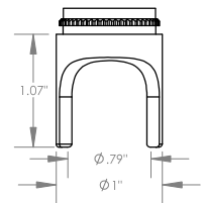
F-1125
Flanged 1.125 in OD
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



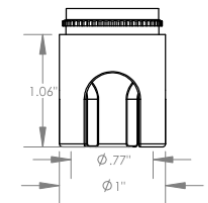
C
Close Quarters
Cutter $\Phi 3/8"$ ($\Phi 10\text{mm}$)



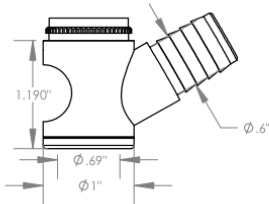
F2L
Flanged 2-Leg
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



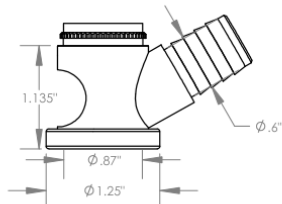
S2L
2-Leg
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



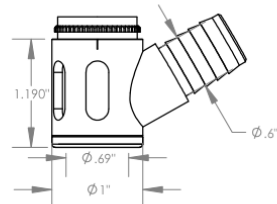
S3L
3-Leg
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



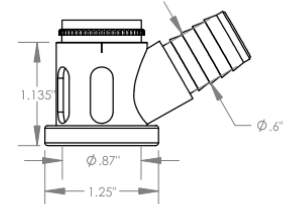
WVI
Vacuum Internal Thread*
Cutter $\Phi 5/8"$ ($\Phi 15\text{mm}$)



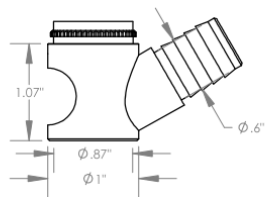
WVE
Vacuum External Thread*
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



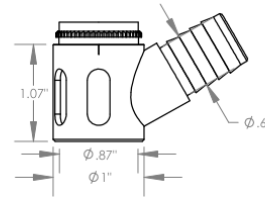
SVI
Slotted Vacuum Internal Thread*
Cutter $\Phi 5/8"$ ($\Phi 15\text{mm}$)



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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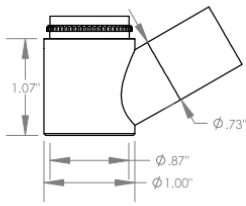
Part Number

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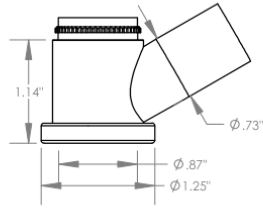
Wescon 597 Microstop

Image 3

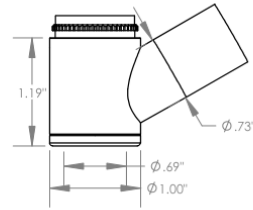
Skirt Option



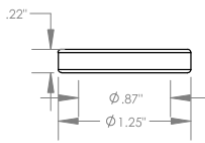
VS
Vacuum Straight
Cutter $\frac{3}{4}$ " (ϕ 19mm)



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

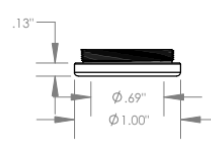


VI
Vacuum Internal Thread*
Cutter $\frac{5}{8}$ " (ϕ 15mm)



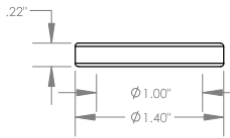
Part Number	Material
59631-N	Nylon
59631-S	Steel
59631-P	Phenolic

Foot Style For External Thread



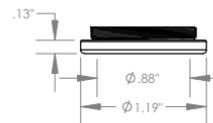
Part Number	Material
59620-N	Nylon
59620-S	Steel
59620-P	Phenolic

Foot Style For Internal Thread



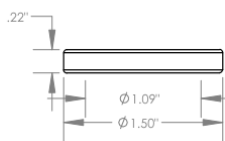
Part Number	Material
59641-N	Nylon
59641-S	Steel
59641-P	Phenolic

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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Wescon 597 Microstop

Image 4