

DATASHEET

PART NUMBER

WES597-8-VIS-QC

**Wescon 597 Stainless Steel Microstop - M8x1 -
15 mm Cutter Capacity - Vacuum Skirt Internal
Steel Foot**

HIGH SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES597-8-VIS-QC>



* 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 | M8x1 |
| Shaft | Quick Change |
| Shaft Diameter | 6.35 mm |
| Cutter Capacity | 15 mm |
| Skirt | Vacuum Internal Thread |
| Skirt Description | 25.4 mm OD 15 mm Cutter Capacity |
| Foot | Steel |
| Solid Stop | Yes |
| Material | Stainless Steel |
| Vacuum Adapter | Yes |

Country of Origin

USA

ADDITIONAL IMAGES AND DRAWINGS



Image 0

WES597 Series Microstop



Part Number
WES597-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 |



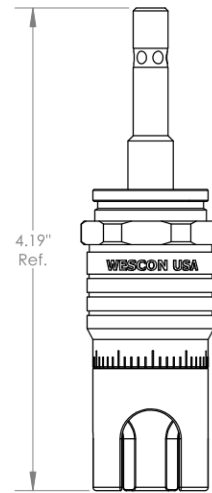
WES597-S
Microstop with
Ø 1/4" Standard Shaft



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

WES597

Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.

© 2025 Wescon Industries Inc.
601 Century Plaza Dr. Houston, TX 77073, US
www.wesconusa.com

Wescon 597 Microstop

Revision 07

All dimensions are in inches

Information in this drawing is provided for reference only

Image 1

Skirt Option



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



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



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



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



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



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



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



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



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



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



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



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



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



SBE
Slotted Bell External Thread*
Cutter $\phi 7/8$ " ($\phi 22$ mm)



BWE
Bell Wide External Thread*
Cutter $\phi 1$ " ($\phi 25$ mm)



S-875
Straight 0.875 in OD
Cutter $\phi 5/8$ " ($\phi 15$ mm)

*Select foot style from table
Continued In Next Page.

Revision 07

Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.

All dimensions are in inches



© 2025 Wescon Industries Inc.
601 Century Plaza Dr. Houston, TX 77073, US
www.wesconusa.com

Information in this drawing is provided for reference only

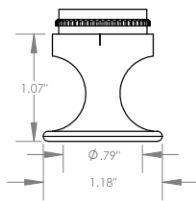
Part Number

WES597

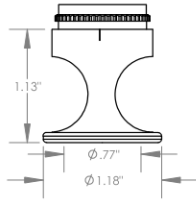
Wescon 597 Microstop

Image 2

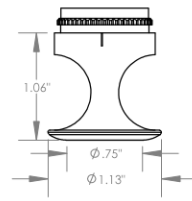
Skirt Option (Continuation)



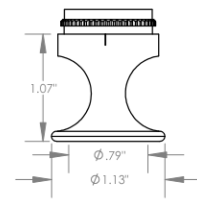
F
Flanged
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



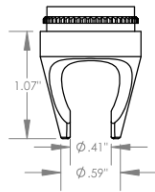
FH
Flanged High
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



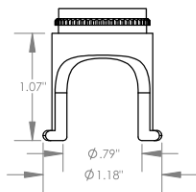
SF
Spherical Flanged
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



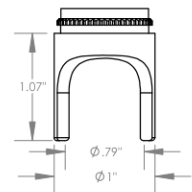
F-1125
Flanged 1.125 in OD
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



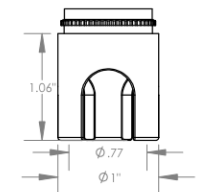
C
Close Quarters
Cutter $\Phi 3/8"$ ($\Phi 10$ mm)



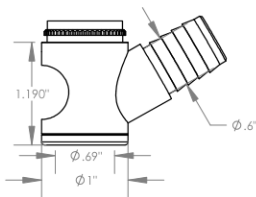
F2L
Flanged 2-Leg
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



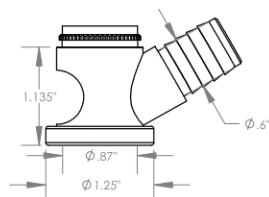
S2L
2-Leg
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



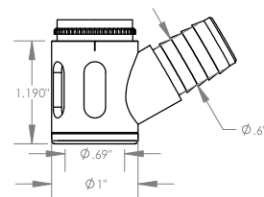
S3L
3-Leg
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



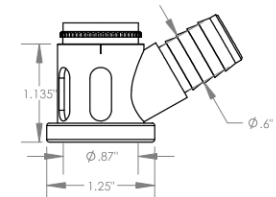
WVI
Vacuum Internal Thread*
Cutter $\Phi 5/8"$ ($\Phi 15$ mm)



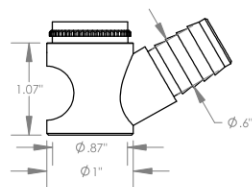
WVE
Vacuum External Thread*
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



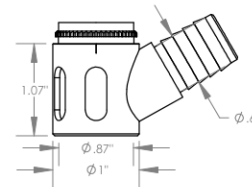
SVI
Slotted Vacuum Internal Thread*
Cutter $\Phi 5/8"$ ($\Phi 15$ mm)



SVE
Slotted Vacuum External Thread*
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



WVS
Vacuum Straight
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



SVS
Slotted Vacuum Straight
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)

*Select foot style from table

Revision 07

Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.

All dimensions are in inches



© 2025 Wescon Industries Inc.
601 Century Plaza Dr. Houston, TX 77073, US
www.wesconusa.com

Part Number

WES597

Wescon 597 Microstop

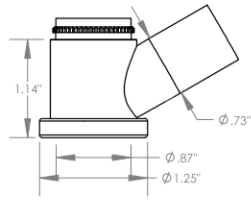
Information in this drawing is provided for reference only

Image 3

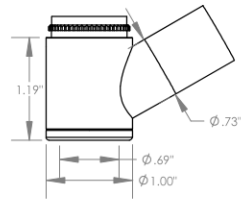
Skirt Option



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



| 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

Revision 07

Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.

All dimensions are in inches



© 2025 Wescon Industries Inc.
601 Century Plaza Dr. Houston, TX 77073, US
www.wesconusa.com

Part Number

WES597

Wescon 597 Microstop

Information in this drawing is provided for reference only

Image 4