

DATASHEET

PART NUMBER

WES597-6-VIP

Wescon 597 Stainless Steel Microstop - M6x1 - 15 mm Cutter Capacity - Vacuum Skirt Internal Phenolic Foot

HIGH SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

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



* 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	M6x1
Shaft	Round
Shaft Diameter	6.35 mm
Cutter Capacity	15 mm
Skirt	Vacuum Internal Thread
Skirt Description	25.4 mm OD 15 mm Cutter Capacity
Foot	Phenolic
Solid Stop	Yes
Material	Stainless Steel
Vacuum Adapter	Yes

Country of Origin	USA
-------------------	-----

ADDITIONAL IMAGES AND DRAWINGS

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
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.

WESCON

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

Part Number

WES597

Wescon 597 Microstop

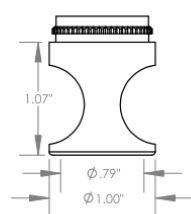
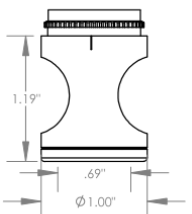
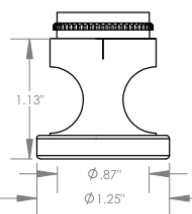
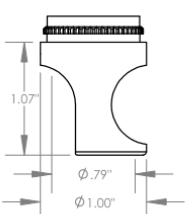
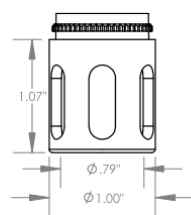
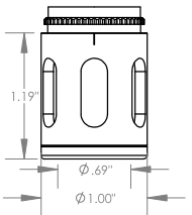
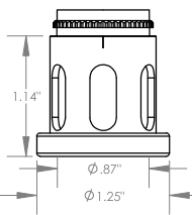
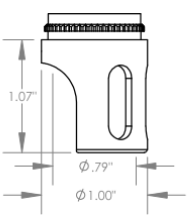
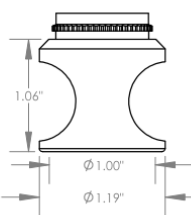
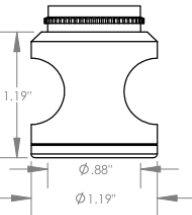
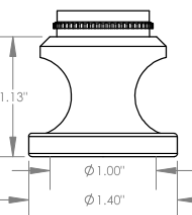
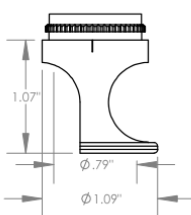
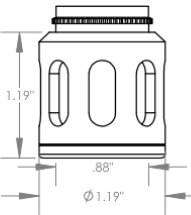
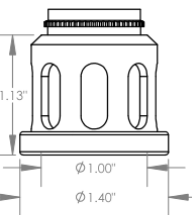
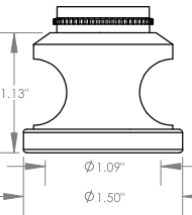
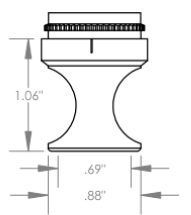
Revision 07

All dimensions are in Inches

Information in this drawing is provided for reference only

Image 1

Skirt Option

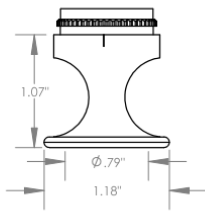
 S Straight Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)	 I Internal Thread* Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)	 E External Thread* Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)	 SCA Straight Cutaway Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)
 SL Slotted Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)	 SI Slotted Internal 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.

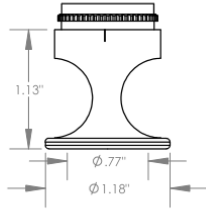
		 WESCON	Part Number	WES597
	Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.	© 2025 Wescon Industries Inc. 601 Century Plaza Dr. Houston, TX 77073, US www.wesconusa.com	Wescon 597 Microstop	
Revision 07	All dimensions are in Inches	Information in this drawing is provided for reference only		

Image 2

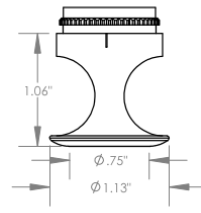
Skirt Option (Continuation)



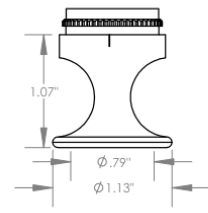
F
Flanged
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



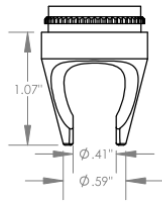
FH
Flanged High
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



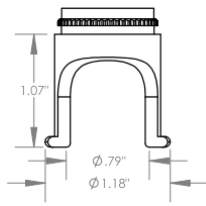
SF
Spherical Flanged
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



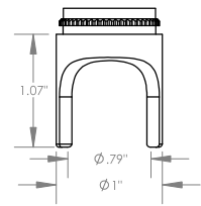
F-1125
Flanged 1.125 in OD
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



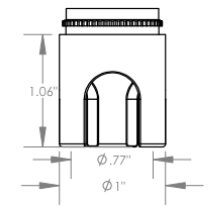
C
Close Quarters
Cutter $\Phi 3/8"$ ($\Phi 10\text{mm}$)



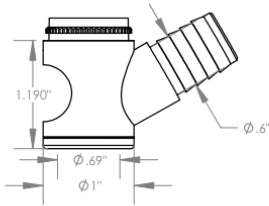
F2L
Flanged 2-Leg
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



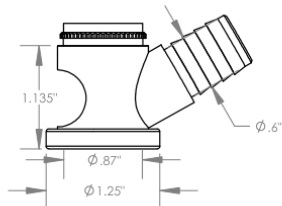
S2L
2-Leg
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



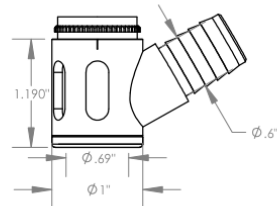
S3L
3-Leg
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



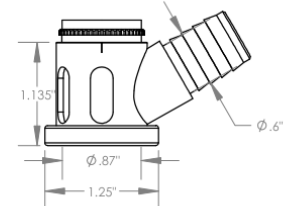
WVI
Vacuum Internal Thread*
Cutter $\Phi 5/8"$ ($\Phi 15\text{mm}$)



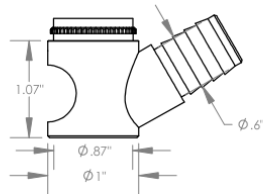
WVE
Vacuum External Thread*
Cutter $\Phi 3/4"$ ($\Phi 19\text{mm}$)



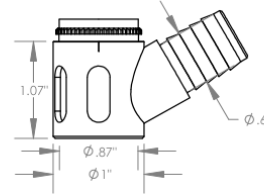
SVI
Slotted Vacuum Internal Thread*
Cutter $\Phi 5/8"$ ($\Phi 15\text{mm}$)



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

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

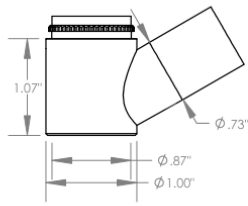
Part Number

WES597

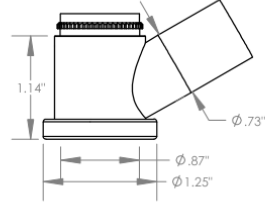
Wescon 597 Microstop

Image 3

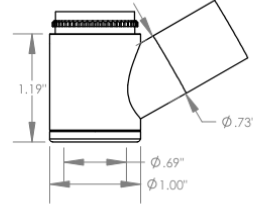
Skirt Option



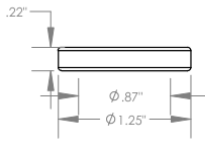
VS
Vacuum Straight
Cutter $\frac{3}{4}$ " (ϕ 19mm)



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

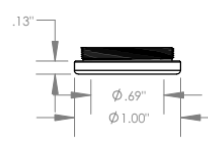


VI
Vacuum Internal Thread*
Cutter $\frac{5}{8}$ " (ϕ 15mm)



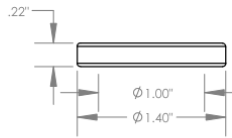
Part Number	Material
59631-N	Nylon
59631-S	Steel
59631-P	Phenolic

Foot Style For External Thread



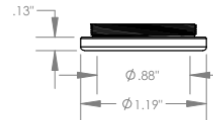
Part Number	Material
59620-N	Nylon
59620-S	Steel
59620-P	Phenolic

Foot Style For Internal Thread



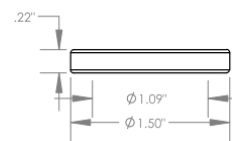
Part Number	Material
59641-N	Nylon
59641-S	Steel
59641-P	Phenolic

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

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 4