

## DATASHEET

### PART NUMBER

### WES597-SBWEP-TF

**Wescon 597 Stainless Steel Microstop - 1/4-28**

**- 1" Cutter Capacity - Slotted Bell Wide  
External Thread Skirt - Phenolic Foot**

HIGH SPEED HEAVY DUTY STAINLESS STEEL

### WEBSITE

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



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

### SPECIFICATIONS

<b>Measurement Type</b>	Imperial
<b>Bearing Rating</b>	10,000 rpm
<b>Bearing Type</b>	Dual Ball Bearings
<b>Heavy Duty Thrust Bearing</b>	Yes
<b>Incremental Adjustment</b>	0.0005 in
<b>Shaft Travel</b>	0.300 in
<b>Dust Seal</b>	Integrated Dust Seal
<b>Cutter Thread</b>	1/4-28
<b>Shaft</b>	Tri-Flat
<b>Shaft Diameter</b>	1/4 in
<b>Cutter Capacity</b>	1 in
<b>Skirt</b>	Slotted Bell Wide External Thread
<b>Skirt Description</b>	1 in Cutter Capacity
<b>Foot</b>	Phenolic
<b>Solid Stop</b>	Yes
<b>Material</b>	Stainless Steel
<b>Country of Origin</b>	USA

## ADDITIONAL IMAGES AND DRAWINGS

**WES597 Series Microstop**

**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

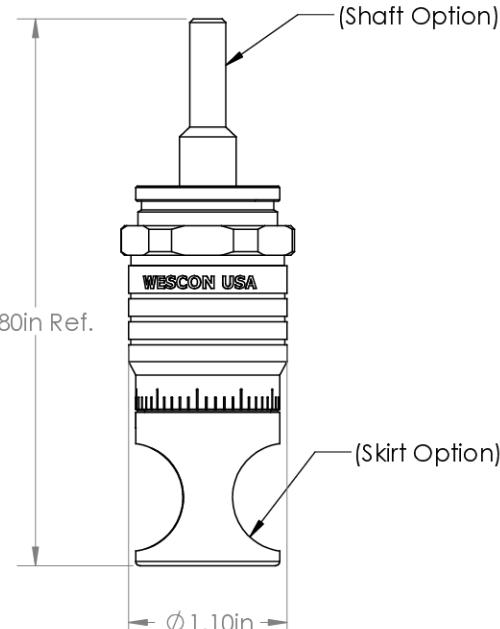
Code	Foot Style
N	Nylon
S	Steel
P	Phenolic

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

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



\*For Skirt options see next page and website.

Part Number	WES597
Wescon 597 Microstop	

Revision 02

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Image 1

### Skirt Option

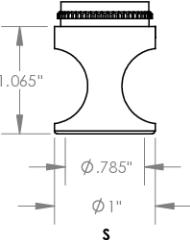
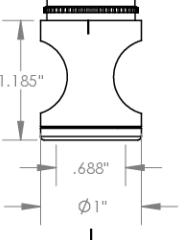
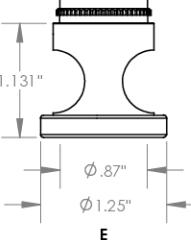
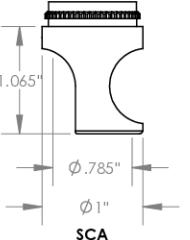
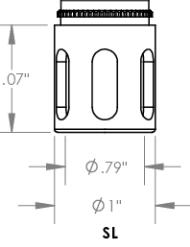
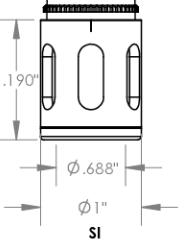
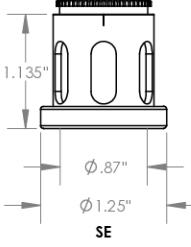
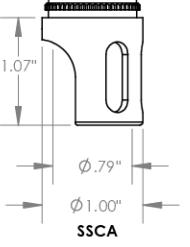
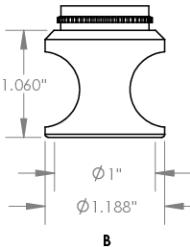
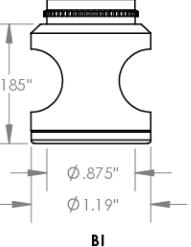
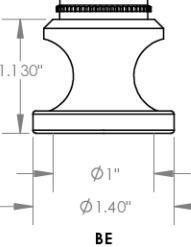
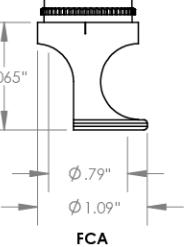
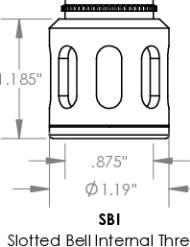
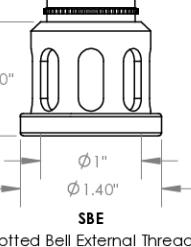
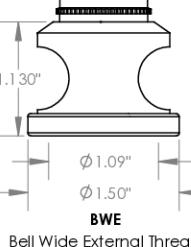
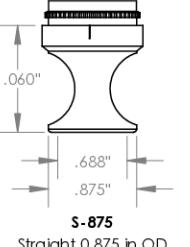
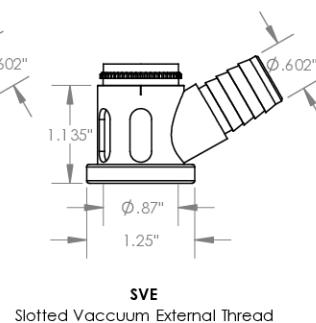
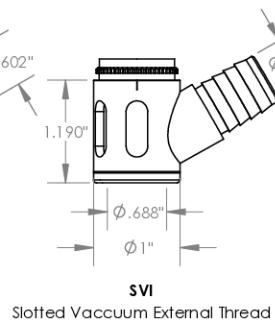
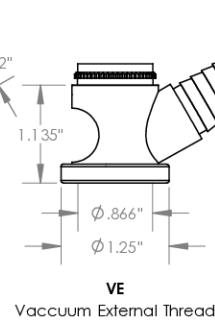
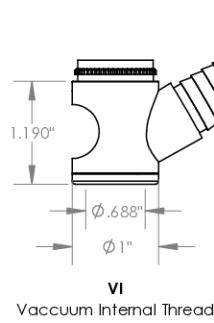
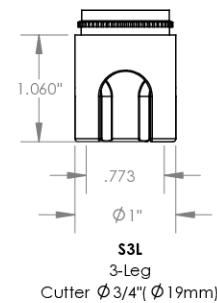
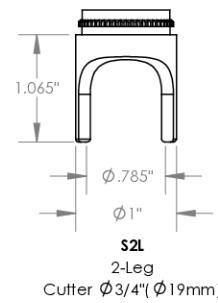
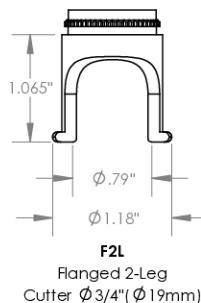
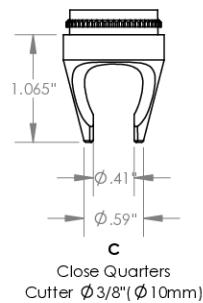
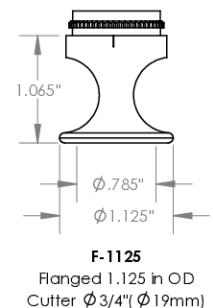
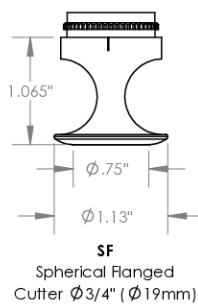
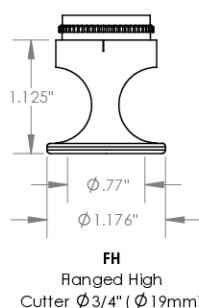
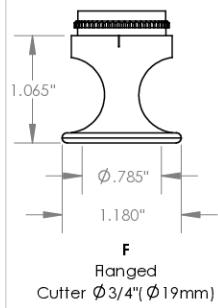
 <p><b>S</b> Straight Cutter <math>\phi 3/4"</math> (<math>\phi 19mm</math>)</p>	 <p><b>I</b> Internal Thread Cutter <math>\phi 5/8"</math> (<math>\phi 15mm</math>) Choose Foot Style From Table</p>	 <p><b>E</b> External Thread Cutter <math>\phi 3/4"</math> (<math>\phi 19mm</math>) Choose Foot Style From Table</p>	 <p><b>SCA</b> Straight Cutaway Cutter <math>\phi 3/4"</math> (<math>\phi 19mm</math>)</p>
 <p><b>SL</b> Slotted Cutter <math>\phi 3/4"</math> (<math>\phi 19mm</math>)</p>	 <p><b>SI</b> Slotted Internal Thread Cutter <math>\phi 5/8"</math> (<math>\phi 15mm</math>) Choose Foot Style From Table</p>	 <p><b>SE</b> Slotted External Thread Cutter <math>\phi 3/4"</math> (<math>\phi 19mm</math>) Choose Foot Style From Table</p>	 <p><b>SSCA</b> Slotted Straight Cutaway Cutter <math>\phi 3/4"</math> (<math>\phi 19mm</math>)</p>
 <p><b>B</b> Bell Cutter <math>\phi 7/8"</math> (<math>\phi 22mm</math>)</p>	 <p><b>BI</b> Bell Internal Thread Cutter <math>\phi 3/4"</math> (<math>\phi 19mm</math>) Choose Foot Style From Table</p>	 <p><b>BE</b> Bell External Thread Cutter <math>\phi 7/8"</math> (<math>\phi 22mm</math>) Choose Foot Style From Table</p>	 <p><b>FCA</b> Flanged Cutaway Cutter <math>\phi 3/4"</math> (<math>\phi 19mm</math>)</p>
 <p><b>SBI</b> Slotted Bell Internal Thread Cutter <math>\phi 3/4"</math> (<math>\phi 19mm</math>) Choose Foot Style From Table</p>	 <p><b>SBE</b> Slotted Bell External Thread Cutter <math>\phi 7/8"</math> (<math>\phi 22mm</math>) Choose Foot Style From Table</p>	 <p><b>BWE</b> Bell Wide External Thread Cutter <math>\phi 1"</math> (<math>\phi 25mm</math>) Choose Foot Style From Table</p>	 <p><b>S-875</b> Straight 0.875 in OD Cutter <math>\phi 5/8"</math> (<math>\phi 15mm</math>)</p>
<p>Continued In Next Page.</p>		 <p>Part Number <b>WES597</b></p>	<p>Wescon 597 Microstop</p>
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Image 2

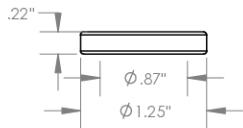
### Skirt Option (Continuation)



			Part Number <b>WES597</b>
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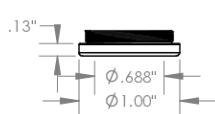
Image 3

**Foot Style  
For External Thread**



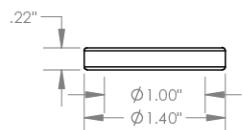
Part Number	Material
59631-N	Nylon
59631-S	Steel
59361-P	Phenolic

**Foot Style  
For Internal Thread**



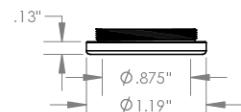
Part Number	Material
59620-N	Nylon
59620-S	Steel
59620-P	Phenolic

**Foot Style  
For Bell External Thread**



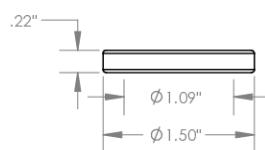
Part Number	Material
59641-N	Nylon
59641-S	Steel
59641-P	Phenolic

**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



Part Number

**WES597**

Wescon 597 Microstop

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Image 4