

## DATASHEET

PART NUMBER

### WES596-6-SF-TF

**Wescon 596 Microstop - M6x1 - 19 mm Cutter  
Capacity - Spherical Flanged Skirt**

HIGH SPEED HEAVY DUTY

WEBSITE

<https://www.wesconusa.com/products/WES596-6-SF-TF>



\* 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	Tri-Flat
Shaft Diameter	6.35 mm
Cutter Capacity	19 mm
Skirt	Spherical Flanged
Skirt Description	30 mm OD 19 mm Cutter Capacity
Solid Stop	Yes
Material	Steel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS



Image 1

### WES596 Series Microstop



**Part Number**  
WES596-X-XX-XX

- └─ Shaft Option
- └─ Foot Style
- └─ Skirt Option\*
- └─ Cutter Thread

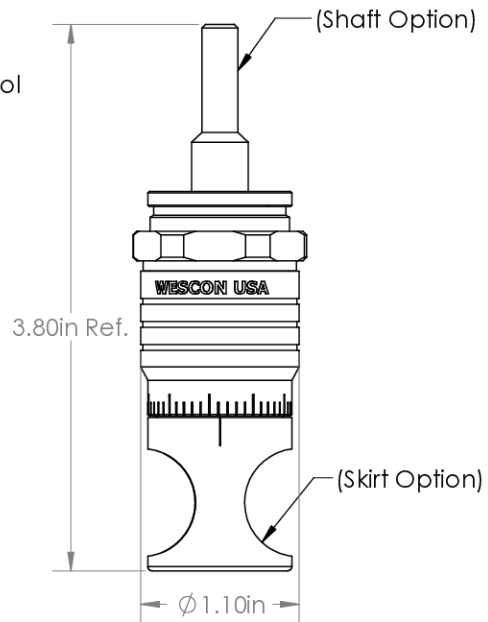
Code	Cutter Thread
(Blank)	1/4-28
6	M6x1
8	M8x1

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: 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



\*For Skirt options see next page and website.



Part Number **WES596**

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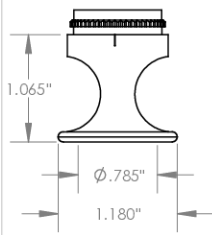
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Wescon 596 Microstop

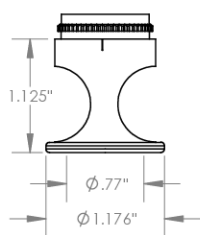
Revision 05 All dimensions are in inches Information in this drawing is provided for reference only

Image 2

### Skirt Option (Continuation)



**F**  
Ranged  
Cutter  $\phi 3/4''$  ( $\phi 19\text{mm}$ )



**FH**  
Ranged High  
Cutter  $\phi 3/4''$  ( $\phi 19\text{mm}$ )



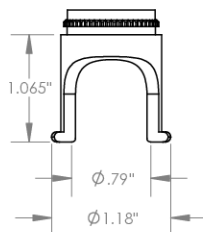
**SF**  
Spherical Ranged  
Cutter  $\phi 3/4''$  ( $\phi 19\text{mm}$ )



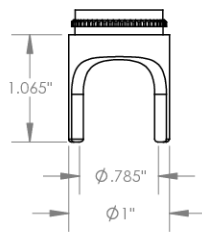
**F-1125**  
Ranged 1.125 in OD  
Cutter  $\phi 3/4''$  ( $\phi 19\text{mm}$ )



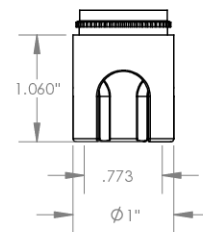
**C**  
Close Quarters  
Cutter  $\phi 3/8''$  ( $\phi 10\text{mm}$ )



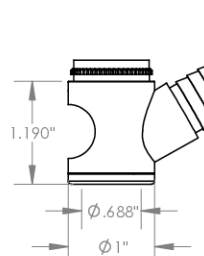
**F2L**  
Flanged 2-Leg  
Cutter  $\phi 3/4''$  ( $\phi 19\text{mm}$ )



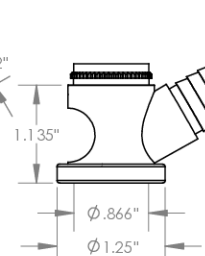
**S2L**  
2-Leg  
Cutter  $\phi 3/4''$  ( $\phi 19\text{mm}$ )



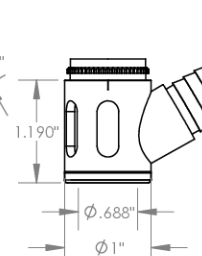
**S3L**  
3-Leg  
Cutter  $\phi 3/4''$  ( $\phi 19\text{mm}$ )



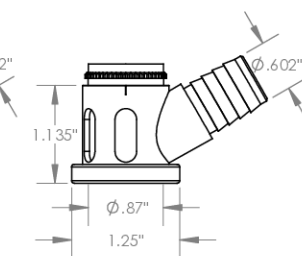
**WVI**  
Vacuum Internal Thread  
Cutter  $\phi 5/8''$  ( $\phi 15\text{mm}$ )



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



**SVI**  
Slotted Vacuum External Thread  
Cutter  $\phi 5/8''$  ( $\phi 15\text{mm}$ )



**SVE**  
Slotted Vacuum External Thread  
Cutter  $\phi 3/4''$  ( $\phi 19\text{mm}$ )



Part Number

**WES596**

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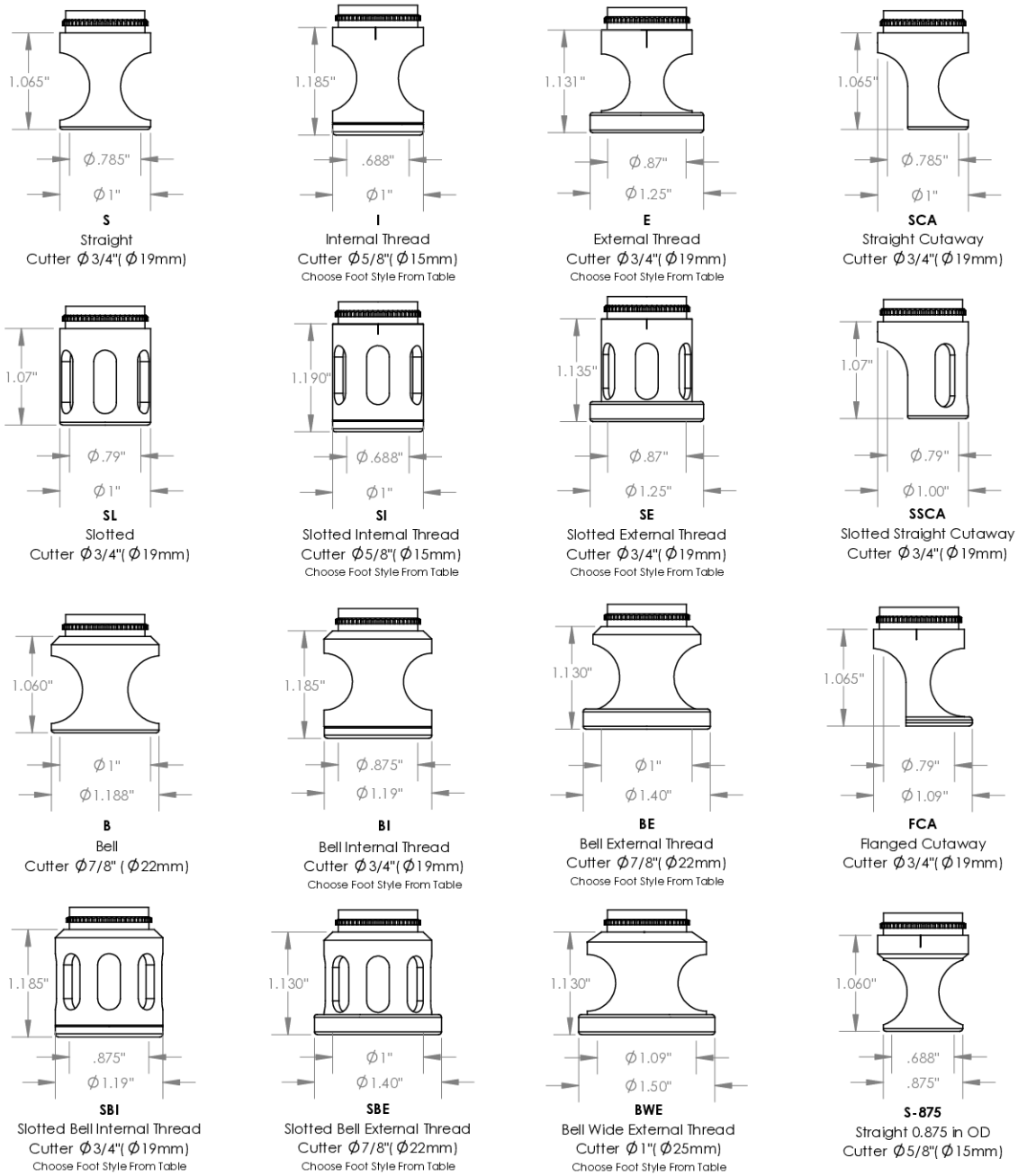
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Image 3

### Skirt Option



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Continued In Next Page.

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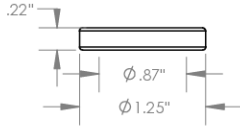
Revision 05

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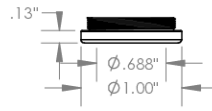
Image 4

**Foot Style  
For External Thread**



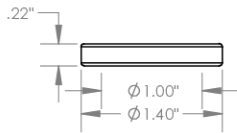
Part Number	Material
59631-N	Nylon
59631-S	Steel
59631-P	Phenolic

**Foot Style  
For Internal Thread**



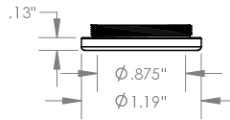
Part Number	Material
59620-N	Nylon
59620-S	Steel
59620-P	Phenolic

**Foot Style  
For Bell External Thread**



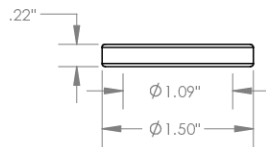
Part Number	Material
59641-N	Nylon
59641-S	Steel
59641-P	Phenolic

**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



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Image 5