

DATASHEET

PART NUMBER

WES596-BES-TSL

**Wescon 596 Microstop - 1/4-28 - 7/8" Cutter
Capacity - Bell Skirt External Steel Foot**

HIGH SPEED HEAVY DUTY

WEBSITE

<https://www.wesconusa.com/products/WES596-BES-TSL>




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

SPECIFICATIONS

| | |
|----------------------------------|----------------------------------|
| Measurement Type | Imperial |
| Bearing Rating | 10,000 rpm |
| Bearing Type | Dual Ball Bearings |
| Heavy Duty Thrust Bearing | Yes |
| Incremental Adjustment | 0.0005 in |
| Shaft Travel | 0.300 in |
| Dust Seal | Integrated Dust Seal |
| Cutter Thread | 1/4-28 |
| Shaft | Threaded Shank Long (1/4-28) |
| Shaft Diameter | 1/4 in |
| Cutter Capacity | 7/8 in |
| Skirt | Bell External Thread |
| Skirt Description | 1.4 in OD 7/8 in Cutter Capacity |
| Foot | Steel |
| Solid Stop | Yes |
| Material | Steel |
| Country of Origin | USA |

ADDITIONAL IMAGES AND DRAWINGS

WES596 Series Microstop



Part Number
WES596-X-XX-XX

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

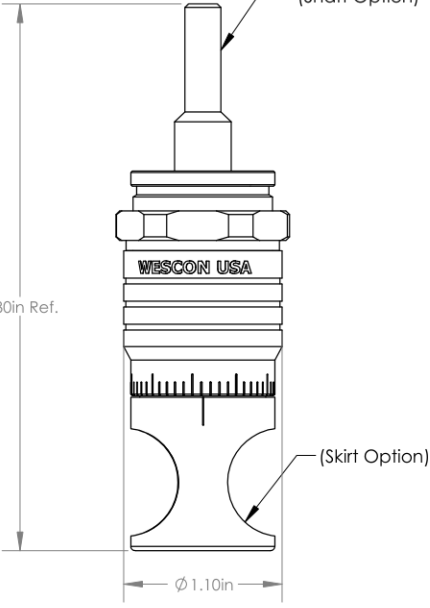
| Code | Cutter Thread |
|---------|---------------|
| (Blank) | 1/4-28 |
| 6 | M6x1 |
| 8 | M8x1 |

| 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.


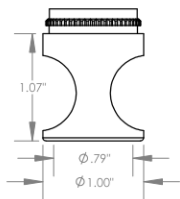
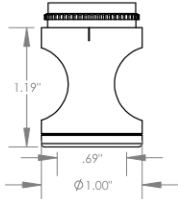
| | |
|---|---|
|  | Part Number WES596 |
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| Revision 09 | All dimensions are in Inches Information in this drawing is provided for reference only |

Image 1

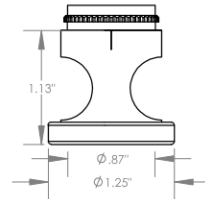
Skirt Option



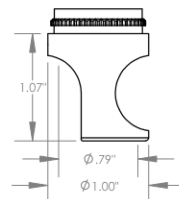
S
Straight
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



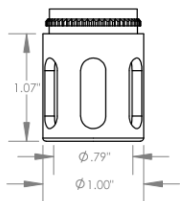
I
Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



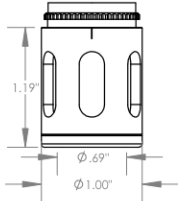
E
External Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



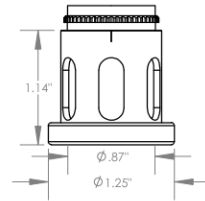
SCA
Straight Cutaway
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



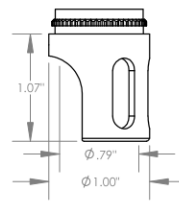
SL
Slotted
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



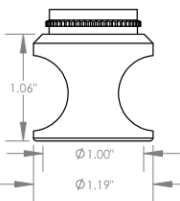
SI
Slotted Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



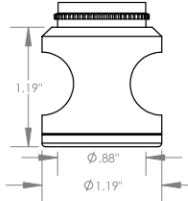
SE
Slotted External Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



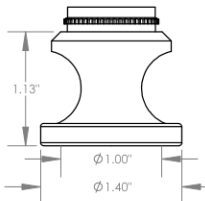
SSCA
Slotted Straight Cutaway
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



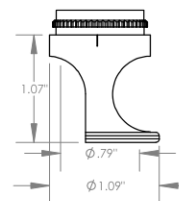
B
Bell
Cutter $\phi 7/8"$ ($\phi 22\text{mm}$)



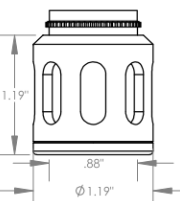
BI
Bell Internal Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



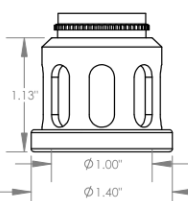
BE
Bell External Thread*
Cutter $\phi 7/8"$ ($\phi 22\text{mm}$)



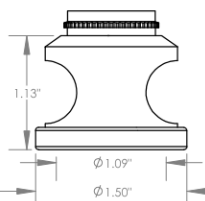
FCA
Flanged Cutaway
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



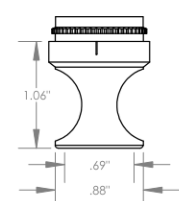
SBI
Slotted Bell Internal Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



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



Part Number

WES596

*Select foot style from table
Continued In Next Page.

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Wescon 596 Microstop

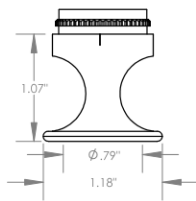
Revision 09

All dimensions are in inches

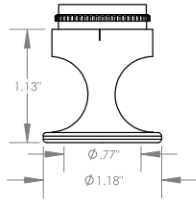
Information in this drawing is provided for reference only

Image 2

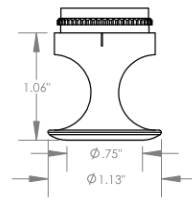
Skirt Option (Continuation)



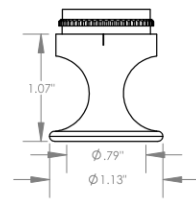
F
Flanged
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



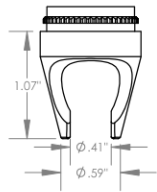
FH
Flanged High
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



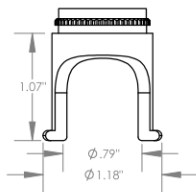
SF
Spherical Flanged
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



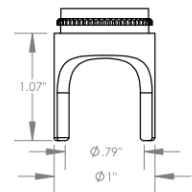
F-1125
Flanged 1.125 in OD
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



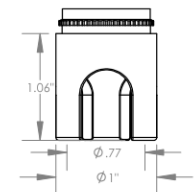
C
Close Quarters
Cutter $\phi 3/8"$ ($\phi 10\text{mm}$)



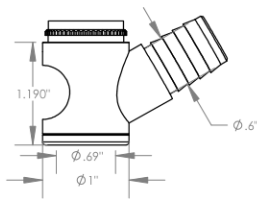
F2L
Flanged 2-Leg
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



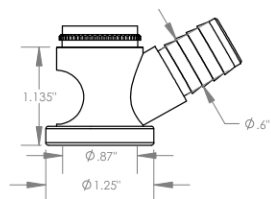
S2L
2-Leg
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



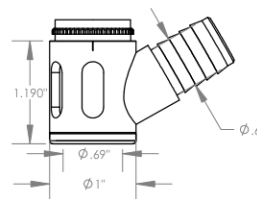
S3L
3-Leg
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



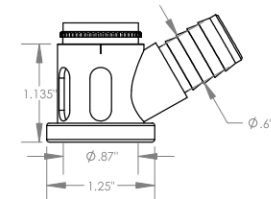
WVI
Vacuum Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



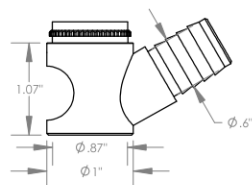
WVE
Vacuum External Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



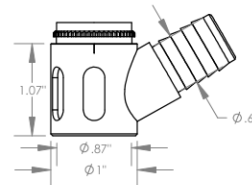
SVI
Slotted Vacuum Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



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



Part Number

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*Select foot style from table

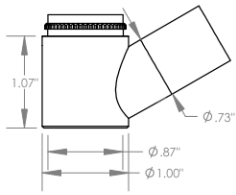
Revision 09

All dimensions are in inches

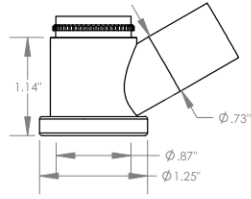
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Image 3

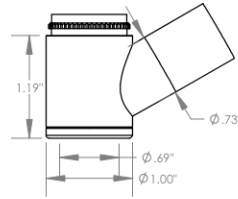
Skirt Option



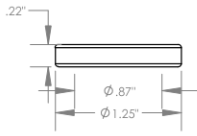
VS
Vacuum Straight
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



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

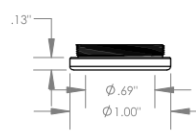


VI
Vacuum Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



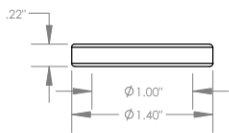
Foot Style For External Thread

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



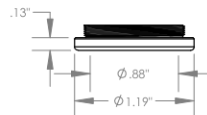
Foot Style For Internal Thread

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



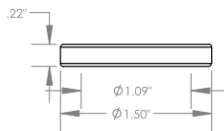
Foot Style For Bell External Thread

| 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 |

*Select foot style from table

Revision 09

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All dimensions are in inches



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Image 4