

DATASHEET

PART NUMBER

WES596-6-SBIS

**Wescon 596 Microstop - M6x1 - 19 mm Cutter
Capacity - Slotted Bell Skirt Internal Steel Foot**

HIGH SPEED HEAVY DUTY

WEBSITE

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



* 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 | 19 mm |
| Skirt | Slotted Bell Internal Thread |
| Skirt Description | 30 mm OD 19 mm 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



(Shaft Option)

3.80in Ref.

(Skirt Option)

Ø 1.10in

*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 |
| | | Wescon 596 Microstop |

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)



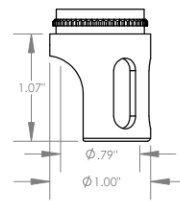
SL
Slotted
Cutter $\phi 3/4"$ ($\phi 19$ mm)



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



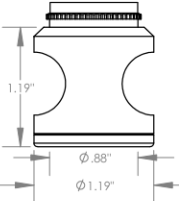
SE
Slotted External Thread*
Cutter $\phi 3/4"$ ($\phi 19$ mm)



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



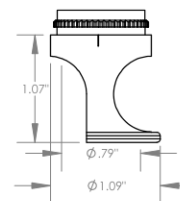
B
Bell
Cutter $\phi 7/8"$ ($\phi 22$ mm)



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



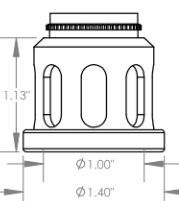
BE
Bell External Thread*
Cutter $\phi 7/8"$ ($\phi 22$ mm)



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



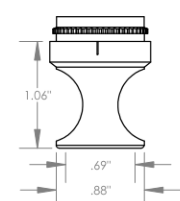
SBI
Slotted Bell Internal Thread*
Cutter $\phi 3/4"$ ($\phi 19$ mm)



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)



Part Number

WES596

*Select foot style from table
Continued In Next Page.

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Wescon 596 Microstop

Revision 09

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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)



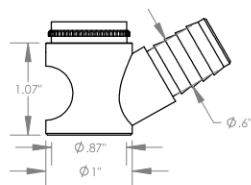
WVE
Vacuum External Thread*
Cutter $\phi 3/4"$ ($\phi 19$ mm)



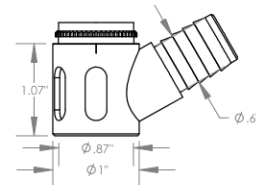
SVI
Slotted Vacuum Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15$ mm)



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 09

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



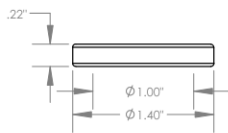
Foot Style For External Thread

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



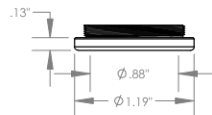
Foot Style For Internal Thread

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



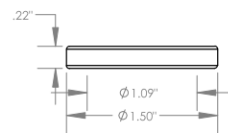
Foot Style For Bell External Thread

| 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

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Image 4