

DATASHEET

PART NUMBER

WES596-8-BVEN-TF

**Wescon 596 Microstop - M8x1 - 22 mm Cutter
Capacity - Bell Vacuum External Thread Skirt -
Nylon Foot**

HIGH SPEED HEAVY DUTY

WEBSITE

<https://www.wesconusa.com/products/WES596-8-BVEN-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	M8x1
Shaft	Tri-Flat
Shaft Diameter	6.35 mm
Cutter Capacity	22 mm
Skirt	Bell Vacuum External Thread
Skirt Description	35.6 mm OD 22 mm Cutter Capacity
Foot	Nylon
Solid Stop	Yes
Material	Steel
Vacuum Adapter	Yes

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

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 596 Microstop

Revision 05

All dimensions are in inches

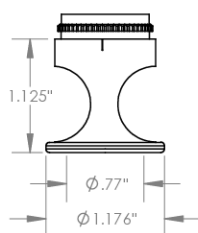
Information in this drawing is provided for reference only

Image 1

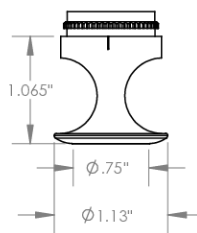
Skirt Option (Continuation)



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



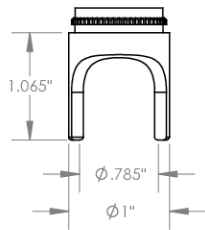
F-1125
Ranged 1.125 in OD
Cutter $\phi 3/4''$ ($\phi 19\text{mm}$)



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



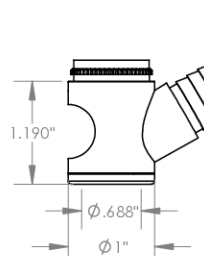
F2L
Flanged 2-Leg
Cutter $\phi 3/4''$ ($\phi 19\text{mm}$)



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



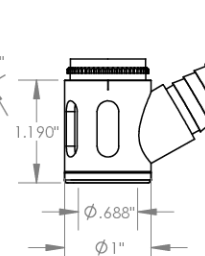
S3L
3-Leg
Cutter $\phi 3/4''$ ($\phi 19\text{mm}$)



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

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 596 Microstop

Revision 05

All dimensions are in inches

Information in this drawing is provided for reference only

Image 2

Skirt Option



Part Number

WES596

Continued In Next Page.

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 596 Microstop

Revision 05

All dimensions are in inches

Information in this drawing is provided for reference only

Image 3

**Foot Style
For External Thread**



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

**Foot Style
For Internal Thread**



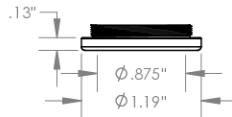
Part Number	Material
59620-N	Nylon
59620-S	Steel
59620-P	Phenolic

**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



Part Number **WES596**

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 596 Microstop

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

Image 4