Wescon Industries Inc.
601 Century Plaza Dr, Houston, TX 77073
www.wesconusa.com

DATASHEET

PART NUMBER

WES396-6-S-TF

Wescon 396 Microstop - M6x1 - 12.7 mm Cutter Capacity - Straight

SMALL CAPACITY / TIGHT SPACE APPLICATIONS

WEBSITE

https://www.wesconusa.com/products/WES396-6-S-TF



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

The Wescon 396 Series Microstop is built for tight spaces, with a smaller footprint and smaller cutters than the standard 596. With a 0.688 in (17.48 mm) skirt diameter it reaches into confined areas while keeping the dual ball bearing spindle rated to 10,000 rpm and a solid stop for repeatable depth. It takes cutters up to 1/2 in (12 mm) on a 1/4 in shaft with 0.0005 in incremental adjustment, and is offered with 0.157 in (4 mm) or 0.236 in (6 mm) shaft travel. Twelve skirt styles include straight, slotted, cutaway, 2-leg, 3-leg, internal and external thread and vacuum versions, with a nylon foot and round, threaded shank, tri-flat or quick change shafts in 1/4-28 or M6x1.

SPECIFICATIONS

Measurement Type	Metric
Bearing Rating	10,000 rpm
Bearing Type	Dual Ball Bearings
Heavy Duty Thrust Bearing	No
Incremental Adjustment	0.0005 in
Shaft Travel	4 mm
Cutter Thread	M6x1
Shaft	Tri-Flat
Shaft Diameter	1/4 in
Cutter Capacity	12.7 mm
Skirt	Straight
Solid Stop	Yes

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Material	Steel
Stroke Length	0.157 in (4mm) Shaft Travel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS



Image 1

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WES396 Series Microstop



Part Number

WES396-X-XX-XX-XX

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

Incremental Adjustment: 0.0005 in
Material: Carbon Steel Body With Hardened Tool Steel Shaft

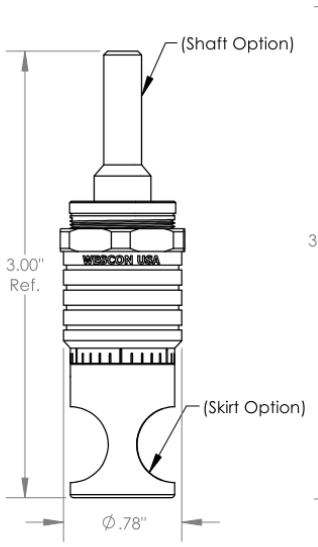
Bearing Rating: 10,000 rpm
Bearing Type: Dual Ball-Bearings
Dust Seal: Integrated Dust Seal
Heavy Duty Thrust Bearing: No
Solid Stop: Yes

Code	Shaft Travel
(Blank)	0.157in
ES	0.246in

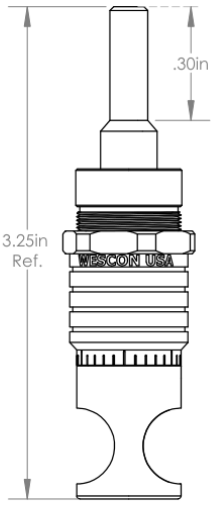
Code	Cutter Thread
(Blank)	1/4-28
6	M6x1

Code	Foot Style
N	Nylon

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



Standard
0.157in (4mm) Shaft Travel



ES - Extended Stroke
0.246in (6mm) Shaft Travel

*For Skirt options see next page and website.

WESCON

Part Number **WES396**

Wescon 396 Microstop

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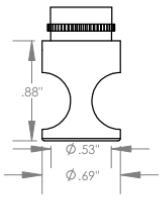
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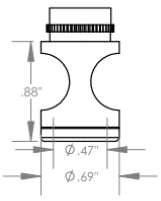
Image 2

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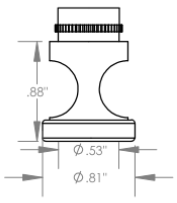
Skirt Option



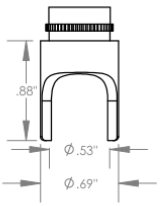
S
Straight
Cutter Ø1/2"(Ø12mm)



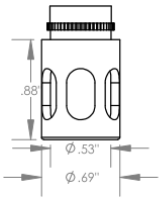
I
Internal Thread*
Cutter Ø7/16" (Ø11mm)



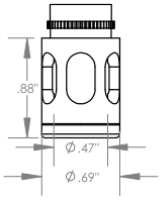
E
External Thread*
Cutter Ø1/2" (Ø12mm)



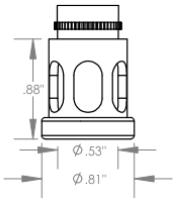
S2L
2-Leg
Cutter Ø1/2" (Ø12mm)



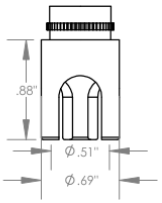
SL
Slotted
Cutter Ø1/2" (Ø12mm)



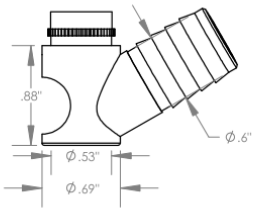
SI
Slotted Internal Thread*
Cutter Ø7/16" (Ø11mm)



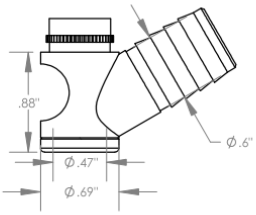
SE
Slotted External Thread*
Cutter Ø1/2" (Ø12mm)



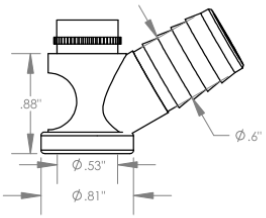
S3L
3-Leg
Cutter Ø1/2" (Ø12mm)



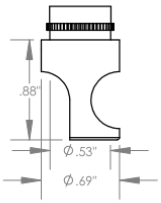
WVS
Vaccuum Straight
Cutter Ø1/2" (Ø12mm)



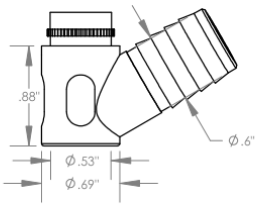
WVI
Vaccuum Internal Thread*
Cutter Ø7/16" (Ø11mm)



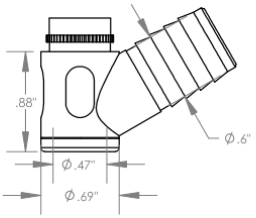
WVE
Vaccuum External Thread*
Cutter Ø1/12" (Ø12mm)



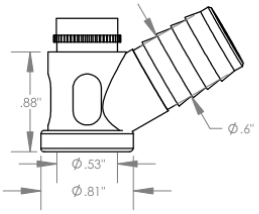
SCA
Straight Cutaway
Cutter Ø1/2" (Ø12mm)



SVS
Slotted Vaccuum Straight
Cutter Ø1/2" (Ø12mm)



SVI
Slotted Vaccuum Internal Thread*
Cutter Ø7/16" (Ø11mm)



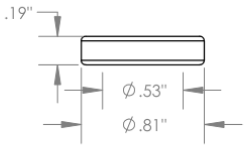
SVE
Slotted Vaccuum External Thread*
Cutter Ø1/2" (Ø12mm)

*Select foot style from table

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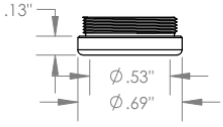
Image 3

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Part Number	Material
39631-N	Nylon
39631-S	Steel
39631-P	Phenolic

Foot Style For External Thread



Part Number	Material
39620-N	Nylon
39620-S	Steel
39620-P	Phenolic

Foot Style For Internal Thread

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Image 4

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