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

DATASHEET

PART NUMBER

WES396-WVS-TS

Wescon 396 Microstop - 1/4-28 - 1/2" Cutter Capacity - Vacuum Skirt Straight

SMALL CAPACITY / TIGHT SPACE APPLICATIONS

WEBSITE

https://www.wesconusa.com/products/WES396-WVS-TS



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	Imperial
Bearing Rating	10,000 rpm
Bearing Type	Dual Ball Bearings
Heavy Duty Thrust Bearing	No
Incremental Adjustment	0.0005 in
Shaft Travel	0.15 in
Cutter Thread	1/4-28
Shaft	Threaded Shank (1/4-28)
Shaft Diameter	1/4 in
Cutter Capacity	1/2 in
Skirt	Vacuum Straight
Skirt Description	0.69 in OD 0.53 in ID 1/2 in Cutter Capacity
Solid Stop	Yes

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

ADDITIONAL IMAGES AND DRAWINGS



Image 1

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Image 2

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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

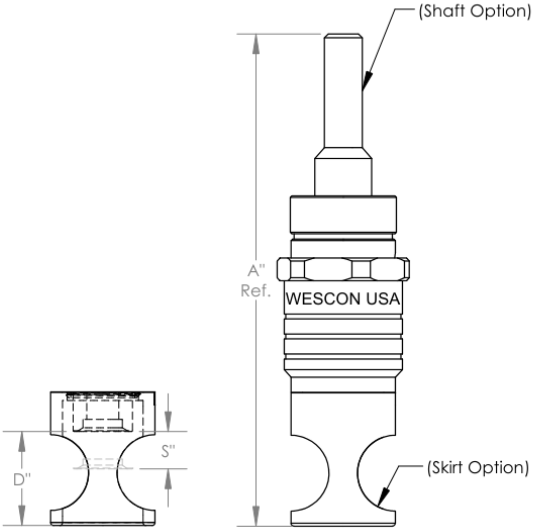
Bearing Rating: 10,000 rpm
Bearing Type: Dual Ball-Bearings
Dust Seal: Integrated Dust Seal
Heavy Duty Thrust Bearing: No
Solid Stop: Yes

Code	Shaft Travel
(Blank)	0.157"
ES	0.246"

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

Code	Foot Style
N	Nylon

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



Skirt Inner Dimensions for all skirt styles

Series	Distance From Shaft Face to Skirt Face		Shaft Travel (S)	OAL (A)
	D (Minimum)	D(Maximum)		
Standard Stroke	0.790 (20.06mm)	1.020 (25.90mm)	0.157 (4mm)	3.000 (76.2mm)
Extended Stroke (-ES)			0.246 (6mm)	3.250 (82.5mm)

*For Skirt options see next page and website.

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Wescon 396 Microstop

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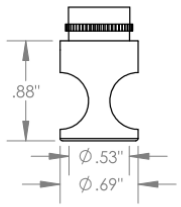
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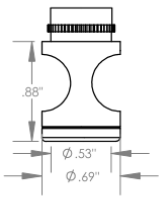
Image 3

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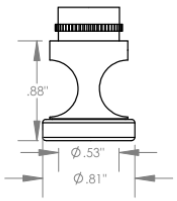
Skirt Option



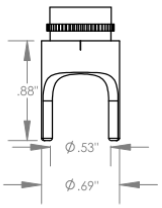
S
Straight
Cutter Ø1/2"(Ø12.7 mm)



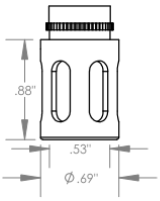
I
Internal Thread*
Cutter Ø7/16" (Ø11mm)



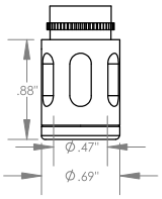
E
External Thread*
Cutter Ø1/2" (Ø12.7 mm)



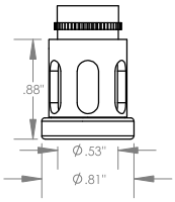
S2L
2-Leg
Cutter Ø1/2" (Ø12.7 mm)



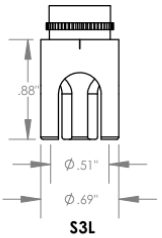
SL
Slotted
Cutter Ø1/2" (Ø12.7 mm)



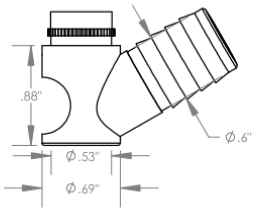
SI
Slotted Internal Thread*
Cutter Ø7/16" (Ø11mm)



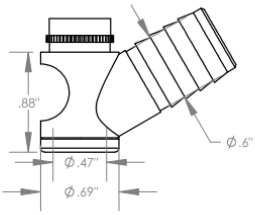
SE
Slotted External Thread*
Cutter Ø1/2" (Ø12.7 mm)



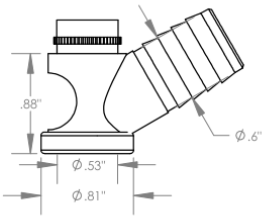
S3L
3-Leg
Cutter Ø1/2" (Ø12.7 mm)



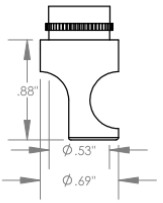
WVS
Vaccuum Straight
Cutter Ø1/2" (Ø12.7 mm)



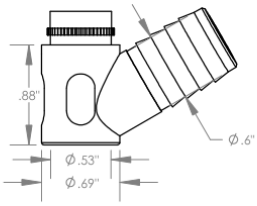
WVI
Vaccuum Internal Thread*
Cutter Ø7/16" (Ø11mm)



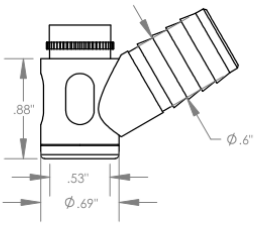
WVE
Vaccuum External Thread*
Cutter Ø1/12" (Ø12.7 mm)



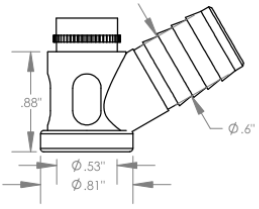
SCA
Straight Cutaway
Cutter Ø1/2" (Ø12.7 mm)



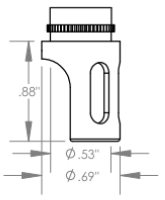
SVS
Slotted Vaccuum Straight
Cutter Ø1/2" (Ø12.7 mm)



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



SVE
Slotted Vaccuum External Thread*
Cutter Ø1/2" (Ø12.7 mm)



SSCA
Slotted Straight Cutaway
Cutter Ø1/2" (Ø12.7 mm)

*Select foot style from table

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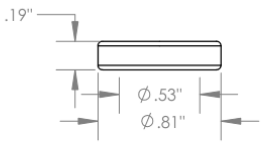
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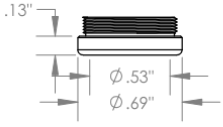
Image 4

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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 5

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