

DATASHEET

PART NUMBER

WES397-ES-WVEP-TF

**Wescon 397 Stainless Steel Microstop - 1/4-28 -
1/2" Cutter Capacity - Vacuum Skirt External
Phenolic Foot**

SMALL CAPACITY / TIGHT SPACE / EXTENDED STROKE
STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES397-ES-WVEP-TF>



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

The Wescon 397 Series Microstop is the stainless steel version of the 396, built for tight spaces with a smaller footprint and smaller cutters than the standard 596. Stainless steel construction makes it more durable and corrosion resistant than the standard alloy unit. Its 0.688 in (17.48 mm) skirt takes cutters up to 1/2 in (12 mm) on a 1/4 in shaft, with 0.157 in (4 mm) or 0.236 in (6 mm) shaft travel and 0.0005 in (0.013 mm) incremental adjustment, on dual ball bearings rated to 10,000 rpm with a solid stop. 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	0.25 in
Cutter Thread	1/4-28
Shaft	Tri-Flat
Shaft Diameter	1/4 in
Cutter Capacity	1/2 in
Skirt	Vacuum External Thread
Skirt Description	0.81 in OD 0.53 in ID 1/2 in Cutter Capacity

Foot	Phenolic
Solid Stop	Yes
Material	Stainless Steel
Vacuum Adapter	Yes
Stroke Length	0.236 in (6mm) Shaft Travel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS



WES397 Series Microstop

Part Number
WES397-X-XX-XX-XX

Shaft Option
Foot Style
Skirt Option*
Cutter Thread
Shaft Travel

Incremental Adjustment: 0.0005 in
Material: Stainless Steel

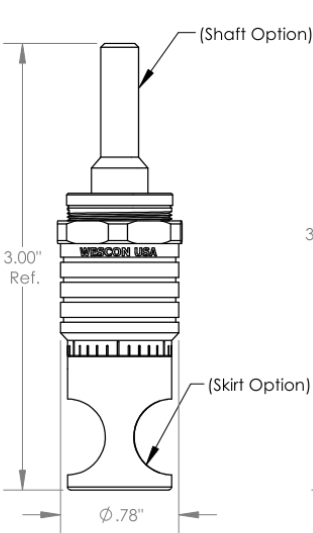
Bearing Rating: 10,000 rpm
Bearing Type: Dual Ball-Bearings
Dust Seal: Integrated Dust Seal
Heavy Duty Thrust Bearing: No
Solid Stop: Yes

Code	Shaft Travel
(Blank)	0.157in
ES	0.246in

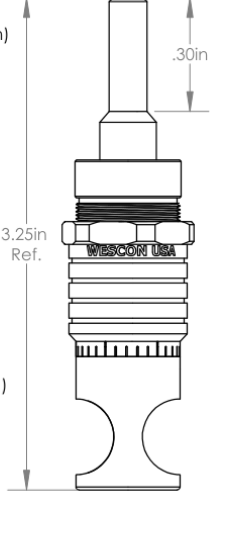
Code	Cutter Thread
(Blank)	1/4-28
6	M6x1

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.

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Revision 05



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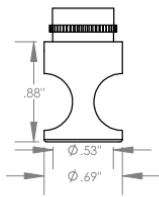
Part Number

WES397

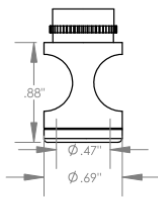
Wescon 397 Microstop

Image 1

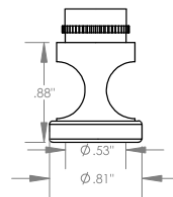
Skirt Option



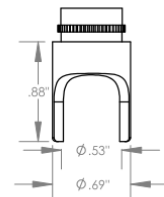
S
Straight
Cutter Ø 1/2" (Ø 12mm)



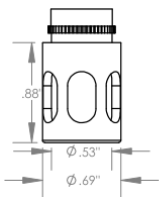
I
Internal Thread*
Cutter Ø 7/16" (Ø 11mm)



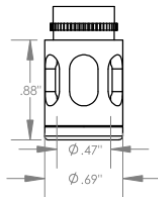
E
External Thread*
Cutter Ø 1/2" (Ø 12mm)



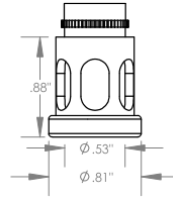
S2L
2-Leg
Cutter Ø 1/2" (Ø 12mm)



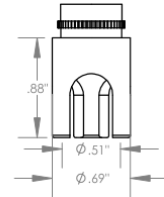
SL
Slotted
Cutter Ø 1/2" (Ø 12mm)



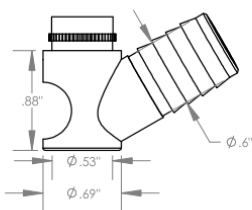
SI
Slotted Internal Thread*
Cutter Ø 7/16" (Ø 11mm)



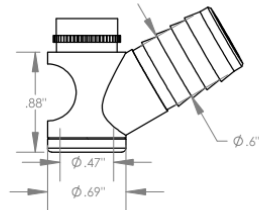
SE
Slotted External Thread*
Cutter Ø 1/2" (Ø 12mm)



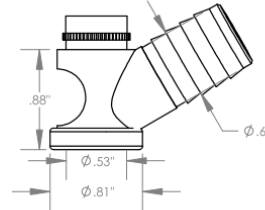
S3L
3-Leg
Cutter Ø 1/2" (Ø 12mm)



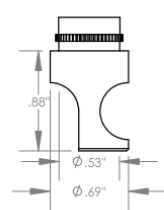
WVS
Vacuum Straight
Cutter Ø 1/2" (Ø 12mm)



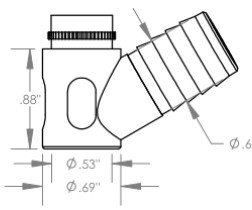
WVI
Vacuum Internal Thread*
Cutter Ø 7/16" (Ø 11mm)



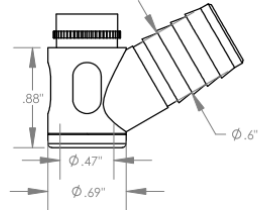
WVE
Vacuum External Thread*
Cutter Ø 1/2" (Ø 12mm)



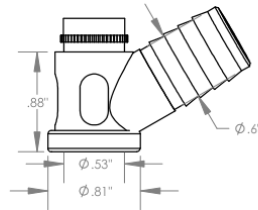
SCA
Straight Cutaway
Cutter Ø 1/2" (Ø 12mm)



SVS
Slotted Vacuum Straight
Cutter Ø 1/2" (Ø 12mm)



SVI
Slotted Vacuum Internal Thread*
Cutter Ø 7/16" (Ø 11mm)



SVE
Slotted Vacuum External Thread*
Cutter Ø 1/2" (Ø 12mm)



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*Select foot style from table

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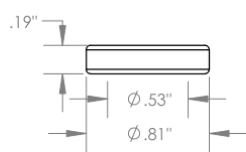
Wescon 397 Microstop

Revision 06

All dimensions are in Inches

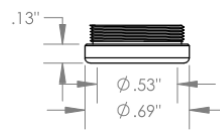
Information in this drawing is provided for reference only

Image 2



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 3