

DATASHEET

PART NUMBER

WES397-EP-TF

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

SMALL CAPACITY / TIGHT SPACE APPLICATIONS
 STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES397-EP-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	0.15 in
Cutter Thread	1/4-28
Shaft	Tri-Flat
Shaft Diameter	1/4 in
Cutter Capacity	1/2 in
Skirt	External Thread
Skirt Description	0.813 in OD

Foot	Phenolic
Solid Stop	Yes
Material	Stainless Steel
Stroke Length	0.157 in (4mm) Shaft Travel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS



Part Number
WES397-X-XX-XX-XX

Shaft Option

Foot Style

Skirt Option*

Cutter Thread

Incremental Adjustment: 0.0005 in
Material: Stainless Steel

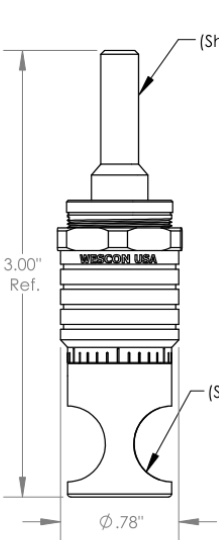
Bearing Rating: 10,000 rpm
Bearing Type: Dual Ball-Bearings
Dust Seal: Integrated Dust Seal
Heavy Duty Thrust Bearing: No
Solid Stop: Yes

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



(Shaft Option)

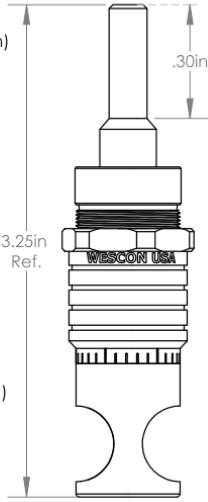
3.00" Ref.

.30in

$\phi .78''$

(Skirt Option)

Standard
0.157in (4mm) Shaft Travel



(Shaft Option)

3.25in Ref.

.30in

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

*For Skirt options see next page and website.

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Revision 05

All dimensions are in Inches

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**WESCON**

Part Number
WES397

Wescon 397 Microstop

Image 1

Skirt Option



S
Straight
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)



I
Internal Thread*
Cutter $\phi 7/16"$ ($\phi 11\text{mm}$)



E
External Thread*
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)



S2L
2-Leg
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)



SL
Slotted
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)



SI
Slotted Internal Thread*
Cutter $\phi 7/16"$ ($\phi 11\text{mm}$)



SE
Slotted External Thread*
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)



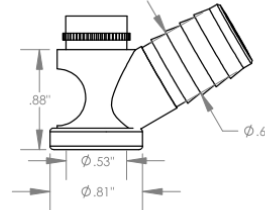
S3L
3-Leg
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)



WVS
Vacuum Straight
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)



WVI
Vacuum Internal Thread*
Cutter $\phi 7/16"$ ($\phi 11\text{mm}$)



WVE
Vacuum External Thread*
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)



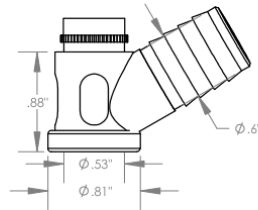
SCA
Straight Cutaway
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)



SVS
Slotted Vacuum Straight
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)



SVI
Slotted Vacuum Internal Thread*
Cutter $\phi 7/16"$ ($\phi 11\text{mm}$)



SVE
Slotted Vacuum External Thread*
Cutter $\phi 1/2"$ ($\phi 12\text{mm}$)

*Select foot style from table

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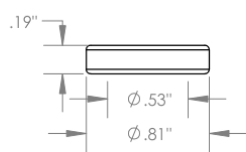
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Part Number

WES397

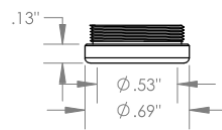
Wescon 397 Microstop

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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Wescon 397 Microstop

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Image 3