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

DATASHEET

PART NUMBER

WES397-S3L-TF

Wescon 397 Stainless Steel Microstop - 1/4-28 - 1/2" Cutter Capacity - 3-Leg

SMALL CAPACITY / TIGHT SPACE APPLICATIONS
STAINLESS STEEL

WEBSITE

https://www.wesconusa.com/products/WES397-S3L-TF



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	3-Leg
Solid Stop	Yes
Material	Stainless Steel

Subject to change without notice
© Copyright Wescon Industries Inc

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

ADDITIONAL IMAGES AND DRAWINGS



Image 1

Subject to change without notice
© Copyright Wescon Industries Inc



Image 2

Subject to change without notice
© Copyright Wescon Industries Inc

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

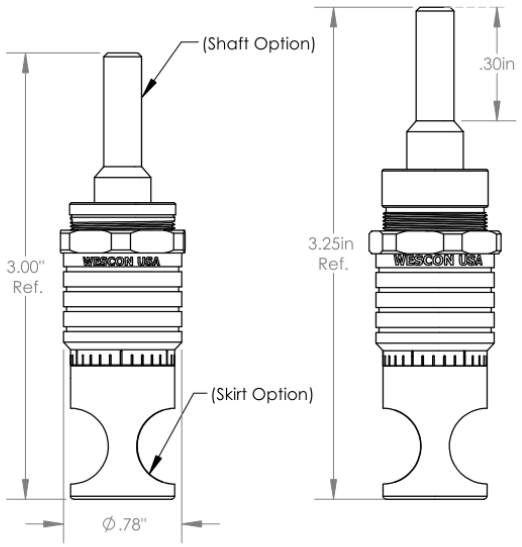
Bearing Rating: 10,000 rpm
Bearing Type: Dual Ball-Bearings
Dust Seal: Integrated Dust Seal
Heavy Duty Thrust Bearing: No
Solid Stop: Yes

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.

WESCON

Part Number **WES397**

Wescon 397 Microstop

Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.

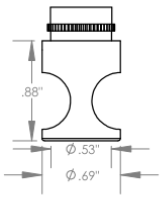
© 2025 Wescon Industries Inc.
601 Century Plaza Dr. Houston, TX 77073, US
www.wesconusa.com

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

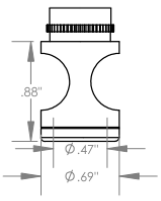
Image 3

Subject to change without notice
© Copyright Wescon Industries Inc

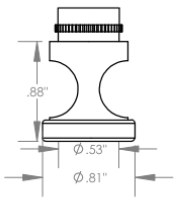
Skirt Option



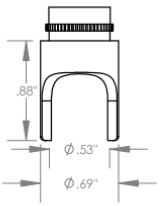
S
Straight
Cutter Ø1/2"(Ø12mm)



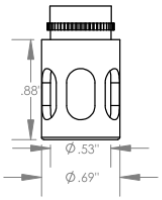
I
Internal Thread*
Cutter Ø7/16" (Ø11mm)



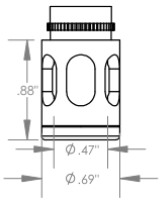
E
External Thread*
Cutter Ø1/2" (Ø12mm)



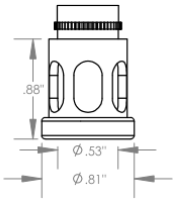
S2L
2-Leg
Cutter Ø1/2" (Ø12mm)



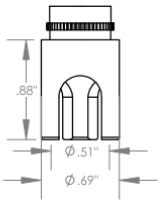
SL
Slotted
Cutter Ø1/2" (Ø12mm)



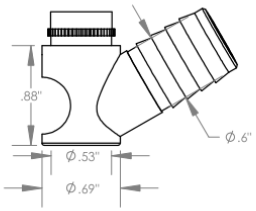
SI
Slotted Internal Thread*
Cutter Ø7/16" (Ø11mm)



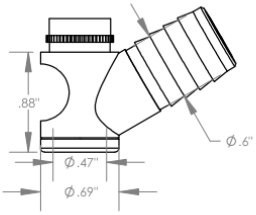
SE
Slotted External Thread*
Cutter Ø1/2" (Ø12mm)



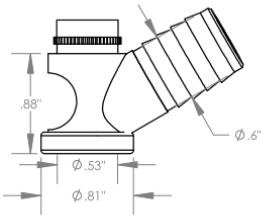
S3L
3-Leg
Cutter Ø1/2" (Ø12mm)



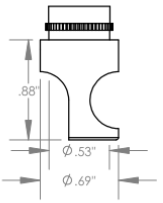
WVS
Vaccuum Straight
Cutter Ø1/2" (Ø12mm)



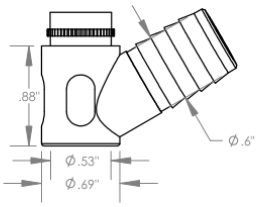
WVI
Vaccuum Internal Thread*
Cutter Ø7/16" (Ø11mm)



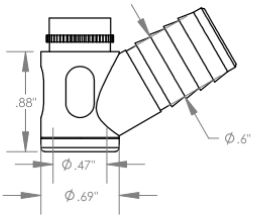
WVE
Vaccuum External Thread*
Cutter Ø1/12" (Ø12mm)



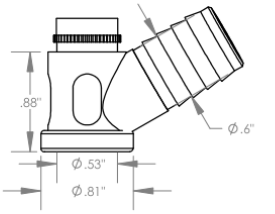
SCA
Straight Cutaway
Cutter Ø1/2" (Ø12mm)



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



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



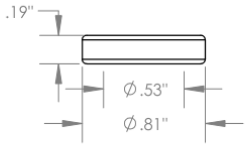
SVE
Slotted Vaccuum External Thread*
Cutter Ø1/2" (Ø12mm)

*Select foot style from table

		WESCON	Part Number **WES397**
	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 397 Microstop
Revision 06	All dimensions are in Inches	Information in this drawing is provided for reference only	

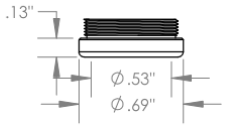
Image 4

Subject to change without notice
© Copyright Wescon Industries Inc



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

		WESCON	Part Number **WES397**
	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 397 Microstop
Revision 05	All dimensions are in Inches	Information in this drawing is provided for reference only	

Image 5

Subject to change without notice
© Copyright Wescon Industries Inc