

DATASHEET

PART NUMBER

WES397-6-EP

Wescon 397 Stainless Steel Microstop - M6x1 - 12 mm Cutter Capacity - External Phenolic Foot

SMALL CAPACITY / TIGHT SPACE APPLICATIONS
STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES397-6-EP>



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

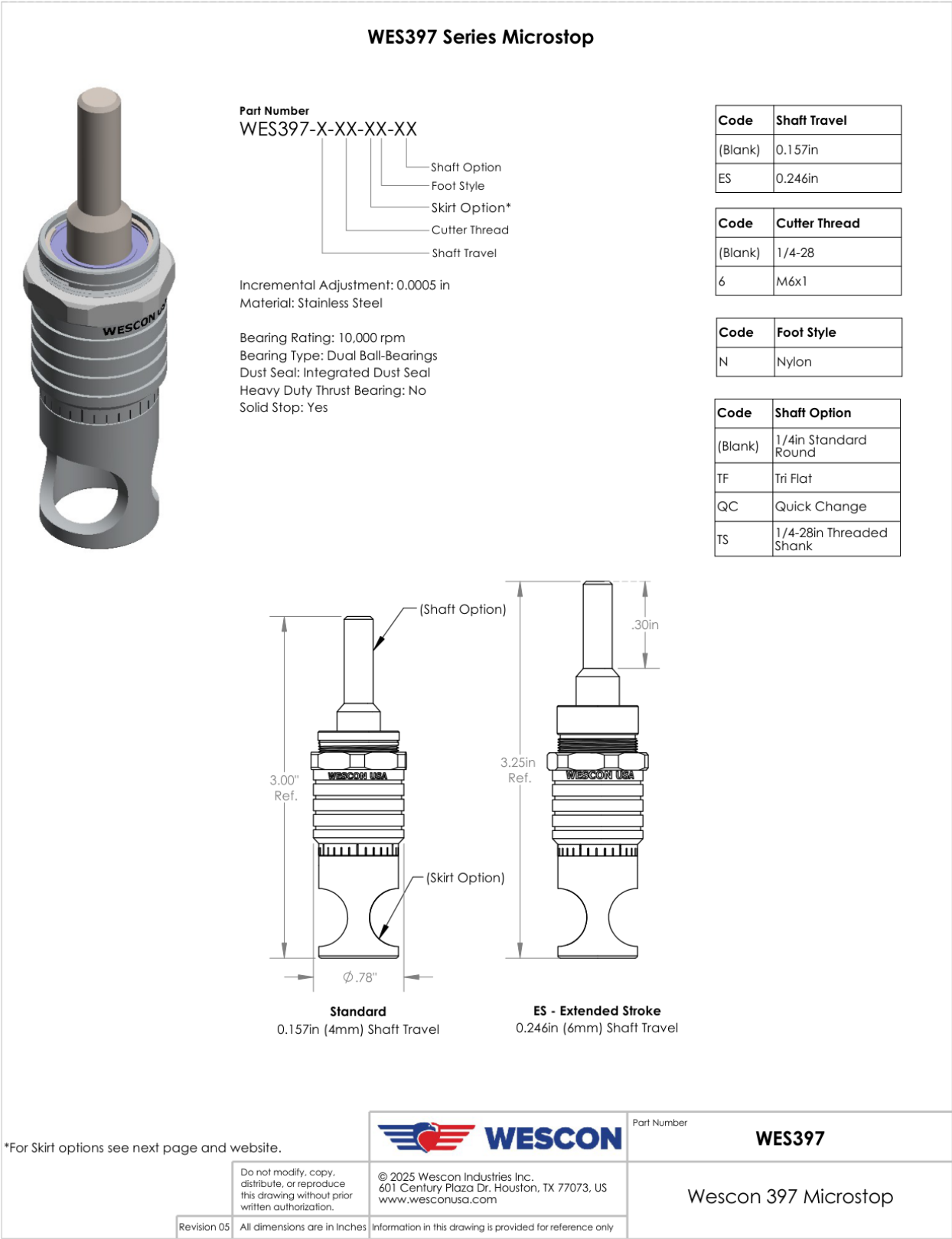
The Wescon 397 Series Microstop is the stainless steel version of the 396, built for tight spaces with a smaller footprint and smaller cutters than the standard 596. Stainless steel construction makes it more durable and corrosion resistant than the standard alloy unit. Its 0.688 in (17.48 mm) skirt 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

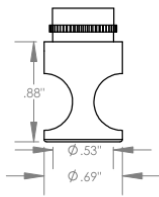
Measurement Type	Metric
Bearing Rating	10,000 rpm
Bearing Type	Dual Ball Bearings
Heavy Duty Thrust Bearing	No
Incremental Adjustment	0.013 mm
Shaft Travel	4 mm
Cutter Thread	M6x1
Shaft	Round
Shaft Diameter	6.35 mm
Cutter Capacity	12 mm
Skirt	External Thread
Skirt Description	20.65 mm OD

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

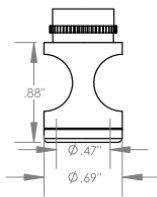
ADDITIONAL IMAGES AND DRAWINGS



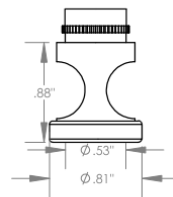
Skirt Option



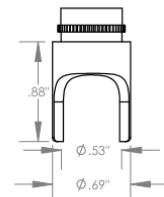
S
Straight
Cutter Ø 1/2" (Ø 12mm)



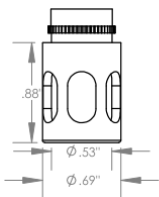
I
Internal Thread*
Cutter Ø 7/16" (Ø 11mm)



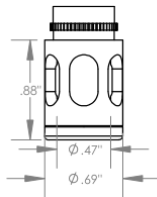
E
External Thread*
Cutter Ø 1/2" (Ø 12mm)



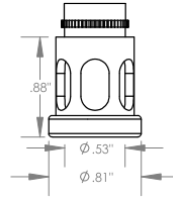
S2L
2-Leg
Cutter Ø 1/2" (Ø 12mm)



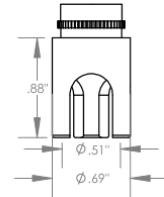
SL
Slotted
Cutter Ø 1/2" (Ø 12mm)



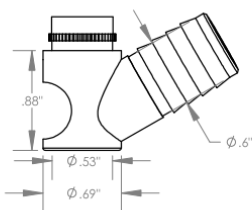
SI
Slotted Internal Thread*
Cutter Ø 7/16" (Ø 11mm)



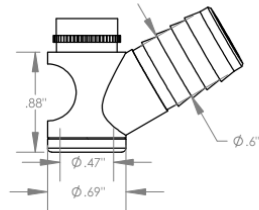
SE
Slotted External Thread*
Cutter Ø 1/2" (Ø 12mm)



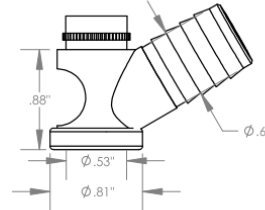
S3L
3-Leg
Cutter Ø 1/2" (Ø 12mm)



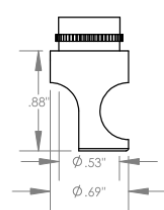
WVS
Vacuum Straight
Cutter Ø 1/2" (Ø 12mm)



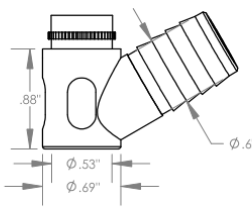
WVI
Vacuum Internal Thread*
Cutter Ø 7/16" (Ø 11mm)



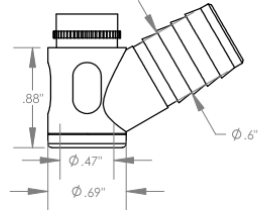
WVE
Vacuum External Thread*
Cutter Ø 1/2" (Ø 12mm)



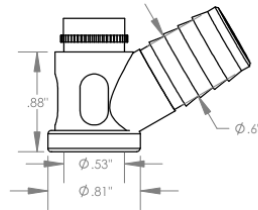
SCA
Straight Cutaway
Cutter Ø 1/2" (Ø 12mm)



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)



Part Number

WES397

*Select foot style from table

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

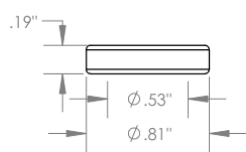
Wescon 397 Microstop

Revision 06

All dimensions are in Inches

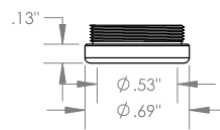
Information in this drawing is provided for reference only

Image 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



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 3