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

DATASHEET

PART NUMBER

WES598-8-S3L-TF

Wescon 598 Microstop - M8x1 - 19 mm Cutter Capacity - 3-Leg

10 DEGREE PIVOTING SHAFT (SWIVEL SHAFT) / HIGH SPEED HEAVY DUTY

WEBSITE

https://www.wesconusa.com/products/WES598-8-S3L-TF



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

The Wescon 598 Series Microstop is a high speed, heavy duty microstop countersink cage with a 10 degree pivoting shaft that angles into hard-to-reach holes a straight shaft cannot reach. It shares the 596 spindle, dual ball bearings rated to 10,000 rpm, heavy duty thrust bearing, integrated dust seal and solid stop, with 0.300 in (7.60 mm) of shaft travel and 0.0005 in (0.013 mm) incremental adjustment on a 1/4 in shaft. Swivel shafts come in round, tri-flat (TF) and quick change (QC) styles with 1/4-28, M6x1 or M8x1 cutter threads, twelve skirt styles, and nylon, steel or phenolic feet.

SPECIFICATIONS

Measurement Type	Metric
Bearing Rating	10,000 rpm
Bearing Type	Dual Ball Bearings
Heavy Duty Thrust Bearing	Yes
Incremental Adjustment	0.013 mm
Shaft Travel	7.60 mm
Dust Seal	Integrated Dust Seal
Cutter Thread	M8x1
Shaft	Tri-Flat - Pivoting / Swivel Shaft
Shaft Diameter	6.35 mm
Cutter Capacity	19 mm
Skirt	3-Leg
Skirt Description	25.4 mm OD 19 mm Cutter Capacity

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Solid Stop	Yes
Material	Steel
Country of Origin	USA

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ADDITIONAL IMAGES AND DRAWINGS

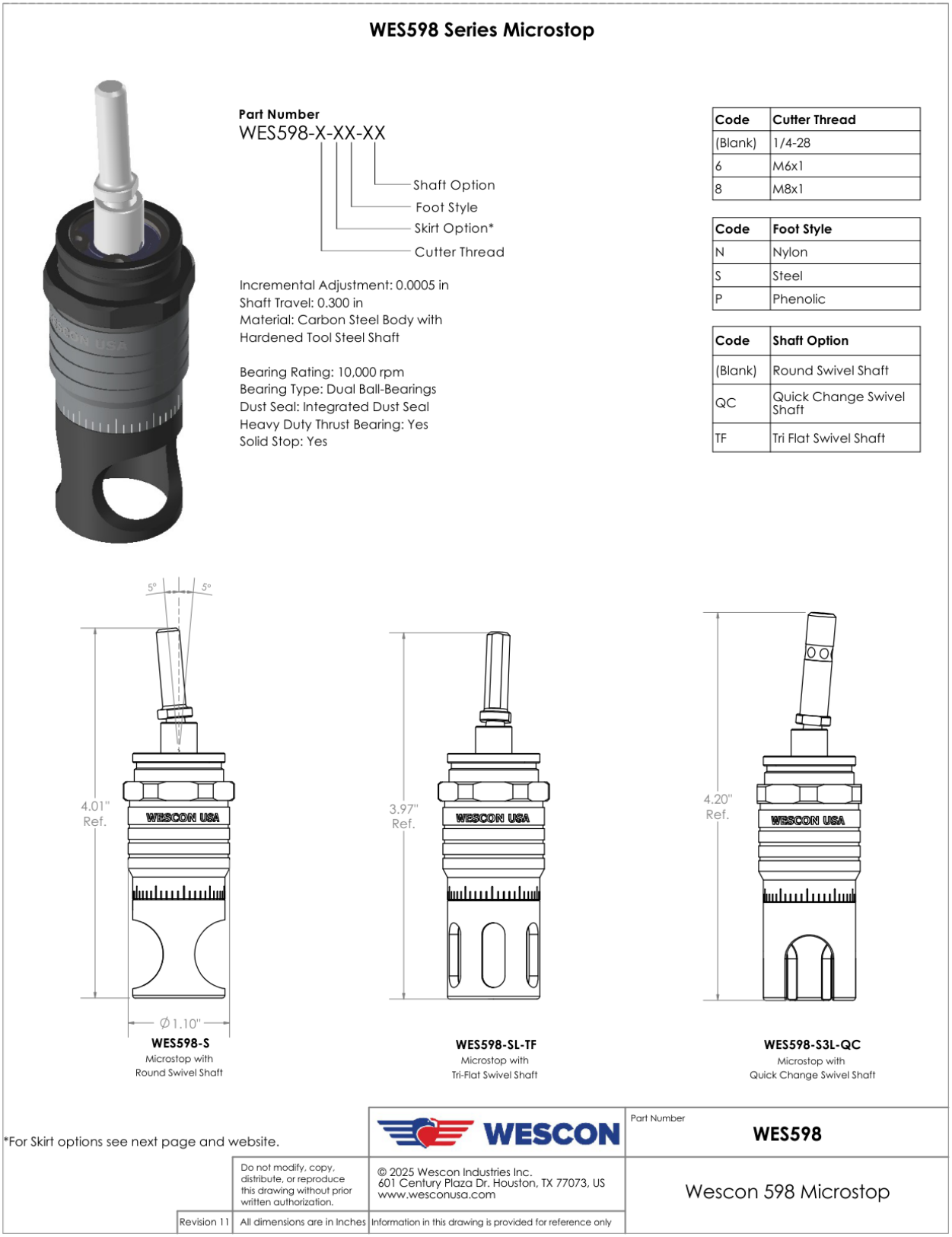
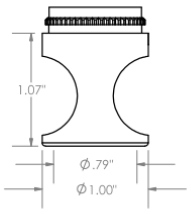


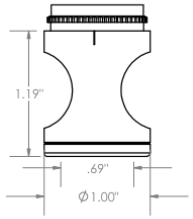
Image 1

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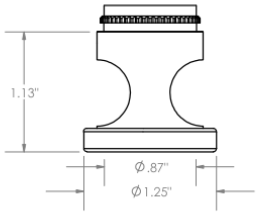
Skirt Option



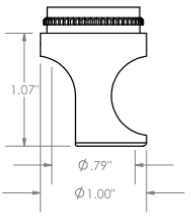
S
Straight
Cutter Ø3/4"(Ø19mm)



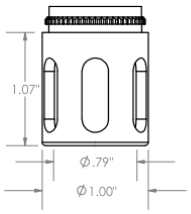
I
Internal Thread*
Cutter Ø5/8"(Ø15mm)



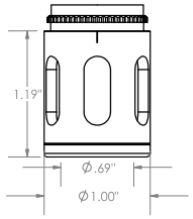
E
External Thread*
Cutter Ø3/4"(Ø19mm)



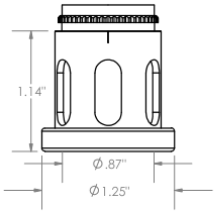
SCA
Straight Cutaway
Cutter Ø3/4"(Ø19mm)



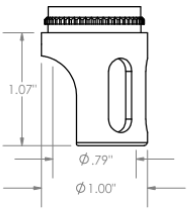
SL
Slotted
Cutter Ø3/4"(Ø19mm)



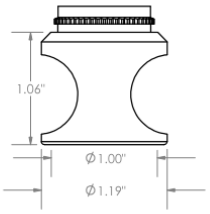
SI
Slotted Internal Thread*
Cutter Ø5/8"(Ø15mm)



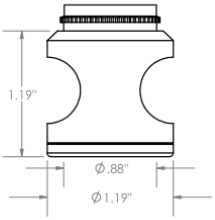
SE
Slotted External Thread*
Cutter Ø3/4"(Ø19mm)



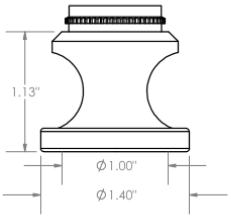
SSCA
Slotted Straight Cutaway
Cutter Ø3/4"(Ø19mm)



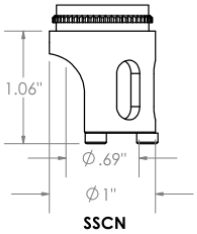
B
Bell
Cutter Ø7/8" (Ø22mm)



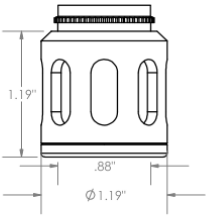
BI
Bell Internal Thread*
Cutter Ø3/4"(Ø19mm)



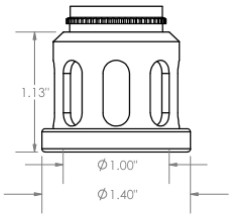
BE
Bell External Thread*
Cutter Ø7/8"(Ø22mm)



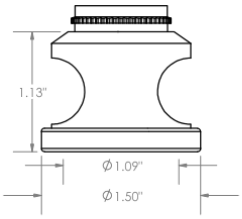
SSCN
Slotted Internal Thread Cutaway
with Nylon Foot
Cutter Ø5/8"(Ø15mm)



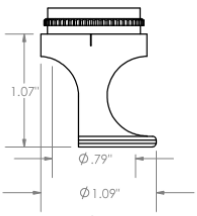
SBI
Slotted Bell Internal Thread*
Cutter Ø3/4"(Ø19mm)



SBE
Slotted Bell External Thread*
Cutter Ø7/8"(Ø22mm)



BWE
Bell Wide External Thread*
Cutter Ø1"(Ø25mm)



FCA
Flanged Cutaway
Cutter Ø3/4"(Ø19mm)

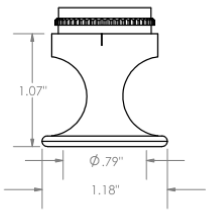
*Select foot style from table
Continued In Next Page.

		WESCON	Part Number: WES598
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Revision 11	All dimensions are in Inches	Information in this drawing is provided for reference only	

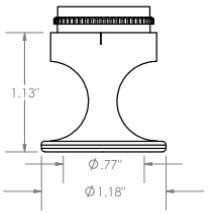
Image 2

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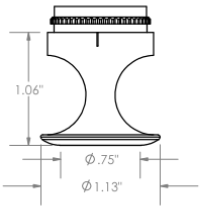
Skirt Option (Continuation)



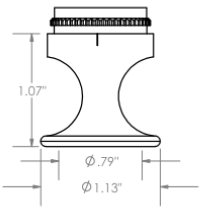
F
Flanged
Cutter Ø3/4"(Ø19mm)



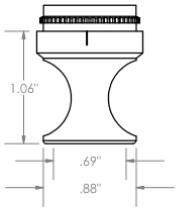
FH
Flanged High
Cutter Ø3/4" (Ø19mm)



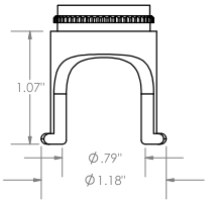
SF
Spherical Flanged
Cutter Ø3/4" (Ø19mm)



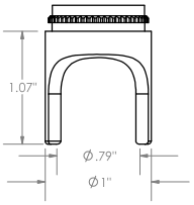
F-1125
Flanged 1.125 in OD
Cutter Ø3/4"(Ø19mm)



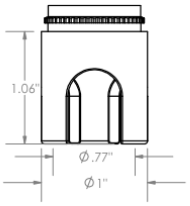
S-875
Straight 0.875 in OD
Cutter Ø5/8"(Ø15mm)



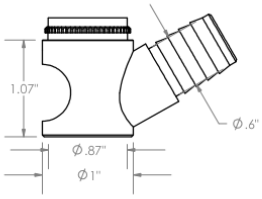
F2L
Flanged 2-Leg
Cutter Ø3/4"(Ø19mm)



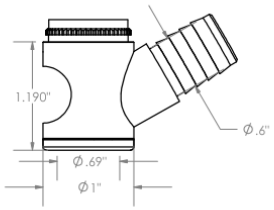
S2L
2-Leg
Cutter Ø3/4"(Ø19mm)



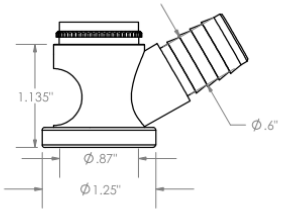
S3L
3-Leg
Cutter Ø3/4"(Ø19mm)



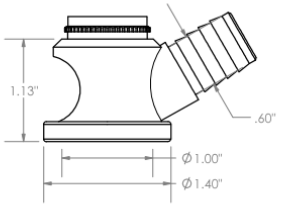
WVS
Vaccuum Straight
Cutter Ø3/4"(Ø19mm)



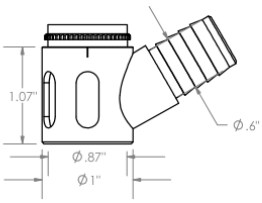
WVI
Vaccuum Internal Thread*
Cutter Ø5/8"(Ø15mm)



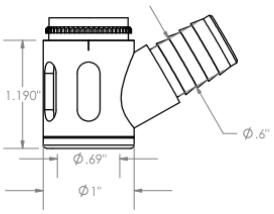
WVE
Vaccuum External Thread*
Cutter Ø3/4"(Ø19mm)



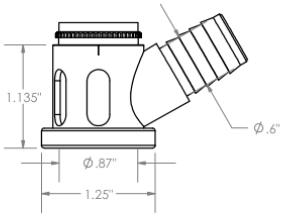
WBVE
Bell Vaccuum External Thread*
Cutter Ø3/4"(Ø19mm)



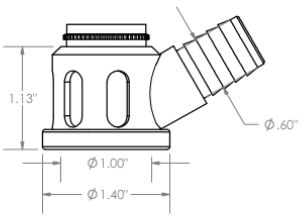
SVS
Slotted Vaccuum Straight
Cutter Ø3/4"(Ø19mm)



SVI
Slotted Vaccuum Internal Thread*
Cutter Ø5/8"(Ø15mm)



SVE
Slotted Vaccuum External Thread*
Cutter Ø3/4"(Ø19mm)



SBVE
Slotted Bell Vaccuum External Thread*
Cutter Ø3/4"(Ø19mm)

*Select foot style from table

WESCON

Part Number **WES598**

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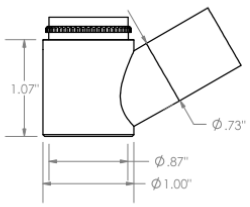
Wescon 598 Microstop

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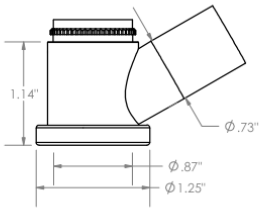
Image 3

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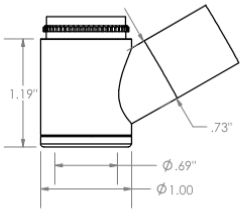
Skirt Option



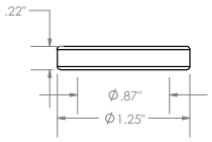
VS
Vaccuum Straight
Cutter Ø3/4"(Ø19mm)



VE
Vaccuum External Thread*
Cutter Ø3/4"(Ø19mm)

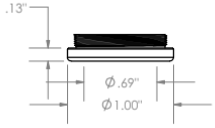


VI
Vaccuum Internal Thread*
Cutter Ø5/8"(Ø15mm)



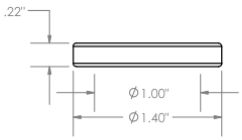
Part Number	Material
59631-N	Nylon
59631-S	Steel
59631-P	Phenolic

Foot Style For External Thread



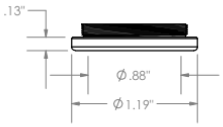
Part Number	Material
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59620-S	Steel
59620-P	Phenolic

Foot Style For Internal Thread



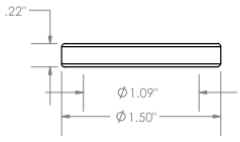
Part Number	Material
59641-N	Nylon
59641-S	Steel
59641-P	Phenolic

Foot Style For Bell External Thread



Part Number	Material
59640-N	Nylon
59640-S	Steel
59640-P	Phenolic

Foot Style For Bell Internal Thread



Part Number	Material
59651-N	Nylon
59651-S	Steel
59651-P	Phenolic

Foot Style For Bell Wide External Thread

*Select foot style from table

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Wescon 598 Microstop

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Image 4

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