

DATASHEET

PART NUMBER

WES598-8-RDS-590-TF

Wescon 598 Microstop - M8x1 - 9.52 mm Cutter Capacity - Reduced Diameter Skirt 0.590 in OD

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

WEBSITE

<https://www.wesconusa.com/products/WES598-8-RDS-590-TF>



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

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	9.52 mm
Skirt	Reduced Diameter Skirt 0.590 in OD
Skirt Description	14.99 mm OD 9.52 mm Cutter Capacity
Solid Stop	Yes
Material	Steel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS



Image 0

WES598 Series Microstop



Code	Cutter Thread
(Blank)	1/4-28
6	M6x1
8	M8x1

Code	Foot Style
N	Nylon
S	Steel
P	Phenolic

Code	Shaft Option
(Blank)	Round Swivel Shaft
QC	Quick Change Swivel Shaft
TF	Tri Flat Swivel Shaft

Incremental Adjustment: 0.0005 in
 Shaft Travel: 0.300 in
 Material: Carbon Steel Body with Hardened Tool Steel Shaft

Bearing Rating: 10,000 rpm
 Bearing Type: Dual Ball-Bearings
 Dust Seal: Integrated Dust Seal
 Heavy Duty Thrust Bearing: Yes
 Solid Stop: Yes



*For Skirt options see next page and website.



Part Number **WES598**

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Wescon 598 Microstop

Revision 09 All dimensions are in Inches Information in this drawing is provided for reference only

Image 1

Skirt Option



Skirt Option (Continuation)



F
Flanged
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



FH
Flanged High
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



SF
Spherical Flanged
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



F-1125
Flanged 1.125 in OD
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



C
Close Quarters
Cutter $\Phi 3/8"$ ($\Phi 10$ mm)



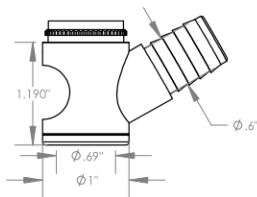
F2L
Flanged 2-Leg
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



S2L
2-Leg
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



S3L
3-Leg
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



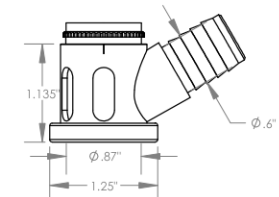
WVI
Vacuum Internal Thread*
Cutter $\Phi 5/8"$ ($\Phi 15$ mm)



WVE
Vacuum External Thread*
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



SVI
Slotted Vacuum Internal Thread*
Cutter $\Phi 5/8"$ ($\Phi 15$ mm)



SVE
Slotted Vacuum External Thread*
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



WVS
Vacuum Straight
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)



SVS
Slotted Vacuum Straight
Cutter $\Phi 3/4"$ ($\Phi 19$ mm)

*Select foot style from table

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Image 3

Skirt Option



VS
Vacuum Straight
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



VE
Vacuum External Thread*
Cutter $\phi 3/4"$ ($\phi 19\text{mm}$)



VI
Vacuum Internal Thread*
Cutter $\phi 5/8"$ ($\phi 15\text{mm}$)



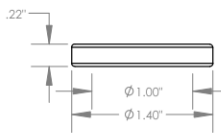
Part Number	Material
59631-N	Nylon
59631-S	Steel
59631-P	Phenolic

Foot Style For External Thread



Part Number	Material
59620-N	Nylon
59620-S	Steel
59620-P	Phenolic

Foot Style For Internal Thread



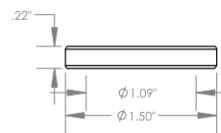
Part Number	Material
59641-N	Nylon
59641-S	Steel
59641-P	Phenolic

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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Image 4