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

DATASHEET

PART NUMBER

WES596-ES-500

Wescon 596-ES Extended Stroke Microstop - 1/4-28 - 5/8" Cutter Capacity - Straight

EXTENDED STROKE UNITS FOR DRILL / COUNTERSINK AND SPECIAL LENGTH CUTTERS

WEBSITE

https://www.wesconusa.com/products/WES596-ES-500



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

The Wescon 596-ES Extended Stroke Microstop is a longer-stroke unit for special, customer-specific operations that need a longer cutter, with 0.500 in, 0.750 in or 1.000 in of shaft travel for drill-countersink combinations and special length cutters. It keeps the dual ball bearings rated to 10,000 rpm, heavy duty thrust bearing, integrated dust seal and solid stop of the standard 596, with 0.0005 in incremental adjustment, a 1/4 in shaft and 1/4-28 cutter thread for cutters up to 5/8 in. Straight or external thread skirts are offered with nylon, steel or phenolic feet.

SPECIFICATIONS

Measurement Type	Imperial
Bearing Rating	10,000 rpm
Bearing Type	Dual Ball-Bearings
Heavy Duty Thrust Bearing	Yes
Incremental Adjustment	0.0005 in
Shaft Travel	.500 in
Dust Seal	Integrated Dust Seal
Cutter Thread	1/4-28
Shaft	Round
Shaft Diameter	1/4 in
Cutter Capacity	5/8 in
Skirt	Straight
Solid Stop	Yes

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Material	Steel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS

WES596 Extended Stroke Series Microstop



Part Number
WES596-ES-XX-XX-XX
- Shaft Option
- Foot Style
- Skirt Option*
- Stroke Length

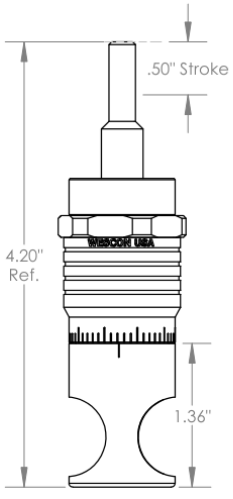
Incremental Adjustment: 0.0005 in
Cutter Thread: 1/4-28
Material: Carbon Steel Body with Hardened Tool Steel Shaft

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

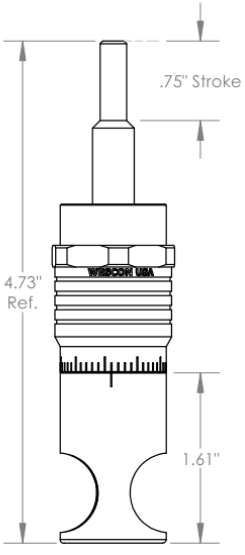
Code	Stroke Length
500	.500in Shaft Travel
750	.750in Shaft Travel
1000	1.000in Shaft Travel

Code	Foot Style
N	Nylon
S	Steel
P	Phenolic

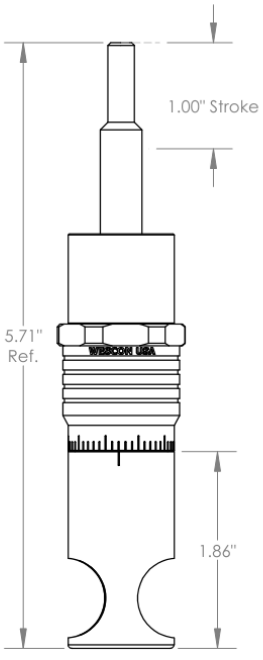
Code	Shaft Option
(Blank)	Round
TF	Tri Flat



ES-500
.500in Shaft Travel



ES-750
.750in Shaft Travel



ES-1000
1.000in Shaft Travel

*For Skirt options see next page and website

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Part Number
WES596-ES

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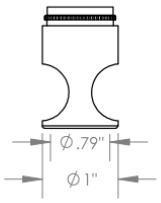
Wescon 596 Extended Stroke Microstop

Revision 04 | All dimensions are in Inches | Information in this drawing is provided for reference only

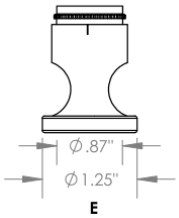
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Image 1

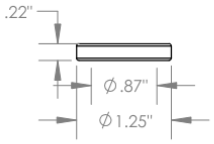
Skirt Option



S
Straight
Cutter Ø3/4"(Ø19mm)



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



Foot Style For External Thread

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

*Select foot style from table

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Part Number **WES596-ES**

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Wescon 596 Extended Stroke Microstop

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Image 2

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