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

DATASHEET

PART NUMBER

WES596-ER6

Wescon 596-ER Extended Reach - 1/4-28 - 5/8" Cutter Capacity - 2.75 in Length 5/8 in Cutter Capacity

EXTENDED REACH UNITS

WEBSITE

https://www.wesconusa.com/products/WES596-ER6



The Wescon 596-ER Extended Reach Microstop is built to reach deeper into tight areas and hard-to-reach sections of an airframe, with skirts from 1.25 in to 5.00 in long. Skirt and cutter capacity pairings include 2 in with 1/2 in capacity, 1.25 in with 3/8 in, 2.75 in with 1/4 in, 5/16 in, 3/8 in or 5/8 in, and 5.00 in with 1/2 in. The 1/4 in shaft runs on dual ball bearings rated to 10,000 rpm with a heavy duty thrust bearing, integrated dust seal and solid stop, with 0.300 in of shaft travel and 0.0005 in incremental adjustment. Round, tri-flat and quick change shafts are available with 1/4-28 or M6x1 cutter threads.

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	0.300 in
Dust Seal	Integrated Dust Seal
Cutter Thread	1/4-28
Shaft	Round
Shaft Diameter	1/4 in
Cutter Capacity	5/8 in
Skirt	2.75 in Length 5/8 in Cutter Capacity
Skirt Length	2.75 in

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Skirt Description	0.750 in OD 5/8 in Cutter Capacity
Solid Stop	Yes
Material	Steel
Country of Origin	USA

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ADDITIONAL IMAGES AND DRAWINGS

WES596 Extended Reach Series Microstop



Part Number
WES596-X-XX-XX

- Shaft Option
- Skirt Option
- Cutter Thread*

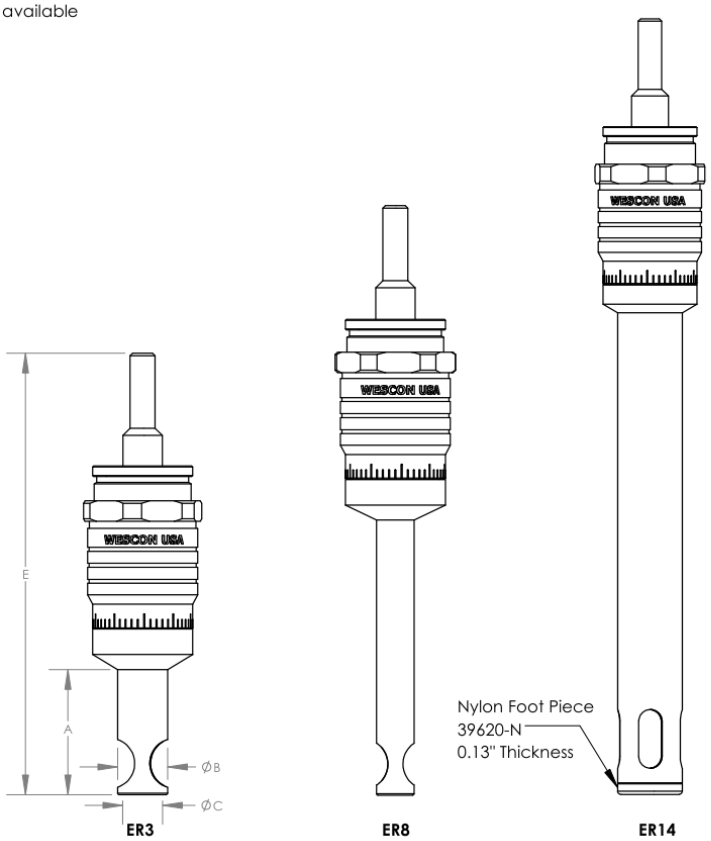
Code	Shaft Option
(Blank)	1/4in standard Round
QC	Quick Change
TF	Tri Flat

Skirt Option	E (OAL)	A (Skirt Length)	∅B (O.D)	∅C (I.D)	Cutter Capacity	Cutter Thread
ER1	5.00"(127.0mm)	2.00"(50.8mm)	0.688"(17.4mm)	0.550"(13.9mm)	∅1/2"(∅12.7mm)	1/4-28
ER3	4.50"(114.3mm)	1.25"(31.75mm)	0.500"(12.7mm)	0.400"(10.1mm)	∅3/8"(∅9.52mm)	1/4-28
ER5	6.00"(152.4mm)	2.75"(69.85mm)	0.500"(12.7mm)	0.400"(10.1mm)	∅3/8"(∅9.52mm)	1/4-28
ER6	6.00"(152.4mm)	2.75"(69.85mm)	0.75"(19.05mm)	0.65"(16.51mm)	∅5/8"(∅15.87mm)	1/4-28
ER8	6.00"(152.4mm)	2.75"(69.85mm)	0.375"(9.52mm)	0.275"(6.98mm)	∅1/4"(∅6.35mm)	10-32
ER9	6.00"(152.4mm)	2.75"(69.85mm)	0.425"(10.7mm)	0.325"(8.25mm)	∅5/16"(∅7.94mm)	1/4-28
ER14	8.00"(203.2mm)	5.12"(130.04mm)	0.688"(17.4mm)	0.530"(13.4mm)	∅1/2"(∅12.7mm)	1/4-28

*Metric M6x1 thread also available

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



ER3 ER8 ER14 Slotted

WESCON

Part Number
WES596-ER

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Wescon 596 Extended Reach Microstop

Revision 06 | All dimensions are in Inches | Information in this drawing is provided for reference only

Image 1

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