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

DATASHEET

PART NUMBER

WES696-1500-SCA-4320-TF

Wescon 696 Microstop - 7/16-20 - 1-1/2" Cutter Capacity - Straight Cutaway

LARGE CAPACITY UNITS FOR STEEL, ALUMINUM & COMPOSITES

WEBSITE

https://www.wesconusa.com/products/WES696-1500-SCA-4320-TF



The Wescon 696 Series Microstop is a large capacity microstop countersink cage built for larger diameter cutters in steel, aluminum and composite structures. A 3/8 in (9.525 mm) shaft on dual ball bearings rated to 10,000 rpm with a heavy duty thrust bearing, integrated dust seal and solid stop handles cutters from 7/8 in to 2 in capacity. Depth adjusts in 0.0005 in (0.013 mm) increments over 1/2 in (12.70 mm) of shaft travel. Cutter threads are 3/8-24, 7/16-20, M8x1 or M10x1, with straight, slotted, cutaway, 2-leg, 3-leg and external thread skirts, nylon or steel feet, and round or tri-flat shafts.

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	1/2 in
Dust Seal	Integrated Dust Seal
Cutter Thread	7/16-20
Shaft	Tri-Flat
Shaft Diameter	3/8 in
Cutter Capacity	1-1/2 in
Skirt	Straight Cutaway
Solid Stop	Yes

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Material	Steel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS



Image 1

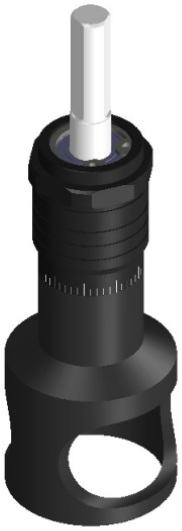
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Image 2

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WES696 Series Microstop



Part Number

WES696-XX-XX-XX-XX

- Shaft Option
- Shaft Thread
- Foot Style
- Skirt Option*(Omit For Straight)
- Cutter Capacity

Incremental Adjustment: 0.0005 in
Shaft Travel: 0.500 in
Material: Carbon Steel Body with Hardened Tool Steel Shaft

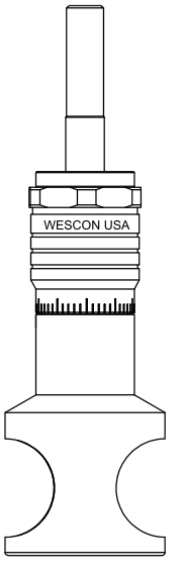
Bearing Rating: 10,000 rpm
Bearing Type: Dual Ball Bearings
Dust Seal: Integrated Dust Seal
Heavy Duty Thrust Bearing: Yes
Solid Stop: Yes

Code	Shaft Thread
(Blank)	3/8-24
4320	7/16-20
8	M8x1
10	M10x1

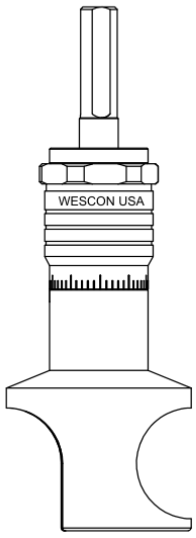
Code	Cutter Capacity
875	7/8"(22mm)
1000	1"(25mm)
1250	1-1/4"(32mm)
1375	1-3/8"(35mm)
1500	1-1/2"(38mm)
2000	2"(50.8mm)

Code	Foot Style
N	Nylon
S	Steel

Code	Shaft Option
(Blank)	Round
TF	Tri Flat



WES696-1250
Microstop with
Ø1/4" Standard Shaft



WES696-1375-SCA-TF
Microstop with
Tri Flat Shaft

*For skirt options see next page and website.

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Part Number **WES696**

Wescon 696 Microstop

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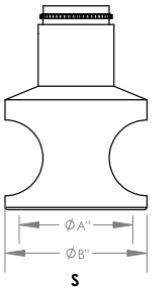
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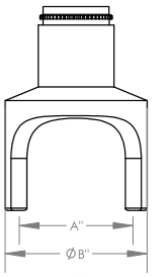
Image 3

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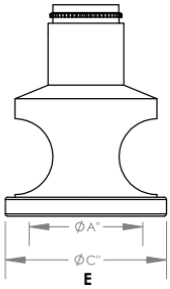
Skirt Option



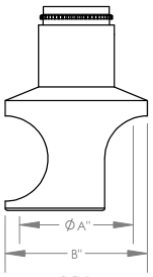
S
Straight



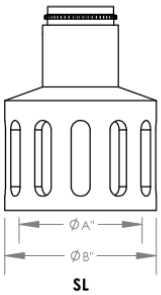
S2L
2-Leg



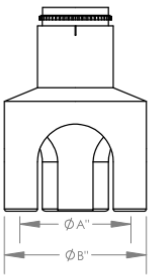
E
External Thread
Choose Foot Style From Table



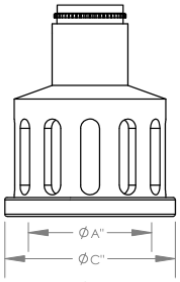
SCA
Straight Cutaway



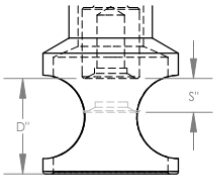
SL
Slotted



S3L
3-Leg

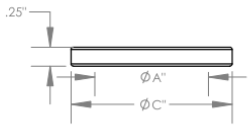


SE
Slotted External Thread
Choose Foot Style From Table



Cutter Internal dimensions
For All Skirt Styles

			OD for S,SCA,SL,S2L & S3L	OD for E & SE	Distance From Shaft Face to Skirt Face		Stroke Length
Code	**Cutter Capacity**	**∅A**	**∅B**	**∅C**	**D (Minimum)**	**D (Maximum)**	**S**
875	7/8"(22 mm)	1" (25.4 mm)	1-3/16" (30 mm)	1.40 (36 mm)	1.15 (29.36 mm)	1.42 (36.11 mm)	0.50 (12.70 mm)
1000	1"(25 mm)	1-1/8" (29 mm)	1-3/8" (35 mm)	1.56 (40 mm)	1.15 (29.36 mm)	1.42 (36.11 mm)	0.50 (12.70 mm)
1250	1-1/4"(32 mm)	1-3/8" (35 mm)	1-5/8" (42 mm)	1.81 (46 mm)	1.28 (32.54 mm)	1.55 (39.37 mm)	0.50 (12.70 mm)
1375	1-3/8"(35 mm)	1-1/2" (38 mm)	1-7/8" (48 mm)	2.13 (54 mm)	1.28 (32.54 mm)	1.55 (39.37 mm)	0.50 (12.70 mm)
1500	1-1/2"(38 mm)	1-5/8" (42 mm)	2" (50.8 mm)	2.25 (57 mm)	1.28 (32.54 mm)	1.55 (39.37 mm)	0.50 (12.70 mm)
2000*	2"(50.8 mm)	2-1/4" (58 mm)	2-1/2" (64 mm)	2.630 (67 mm)	1.4 (35.71 mm)	1.66 (42.16 mm)	0.50 (12.70 mm)



Foot Style For External Thread

Code	Nylon Ftpc.	Steel Ftpc.	Phenolic Ftpc.
875	59641-N	59641-S	59641-P
1000	69641-N	69641-S	69641-P
1250	69651-N	69651-S	69651-P
1375	69671-N	69671-S	69671-P
1500	69681-N	69681-S	69681-P
2000	69691-N	69691-S	69691-P

* ***Note***: S2L, S3L, and SCA skirt options not available for '-2000' code microstops

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Part Number **WES696**

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Image 4

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