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

DATASHEET

PART NUMBER

WES696-8-875-SEP

Wescon 696 Microstop - M8x1 - 22 mm Cutter Capacity - Slotted Skirt External Phenolic Foot

LARGE CAPACITY UNITS FOR STEEL, ALUMINUM & COMPOSITES

WEBSITE

https://www.wesconusa.com/products/WES696-8-875-SEP



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	Metric
Bearing Rating	10,000 rpm
Bearing Type	Dual Ball-Bearings
Heavy Duty Thrust Bearing	Yes
Incremental Adjustment	0.013 mm
Shaft Travel	12.70 mm
Dust Seal	Integrated Dust Seal
Cutter Thread	M8x1
Shaft	Round
Shaft Diameter	9.525 mm
Cutter Capacity	22 mm
Skirt	Slotted External Thread
Foot	Phenolic

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Solid Stop	Yes
Material	Steel
Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS



Image 1

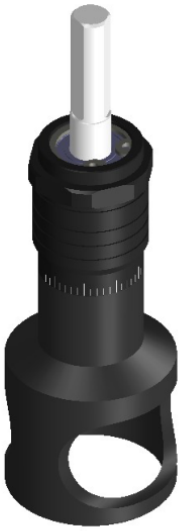
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Image 2

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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

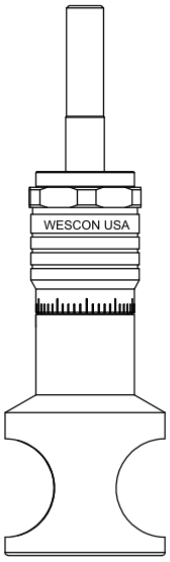
Bearing Rating: 10,000 rpm
Bearing Type: Dual Ball Bearings
Dust Seal: Integrated Dust Seal
Heavy Duty Thrust Bearing: Yes
Solid Stop: Yes

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

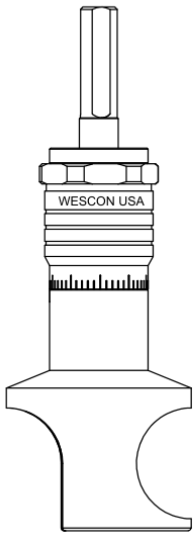
Code	Cutter Capacity
875	7/8"(22mm)
1000	1"(25mm)
1250	1-1/4"(32mm)
1375	1-3/8"(35mm)
1500	1-1/2"(38mm)
2000	2"(50.8mm)

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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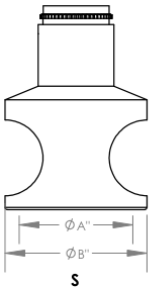
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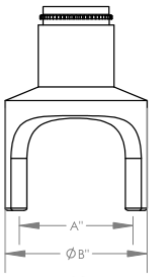
Image 3

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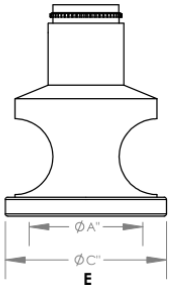
Skirt Option



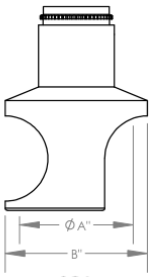
S
Straight



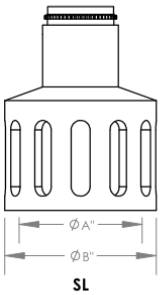
S2L
2-Leg



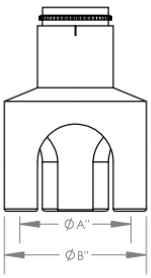
E
External Thread
Choose Foot Style From Table



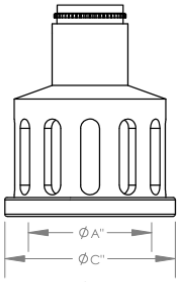
SCA
Straight Cutaway



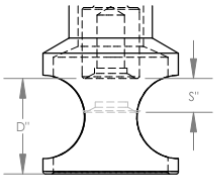
SL
Slotted



S3L
3-Leg

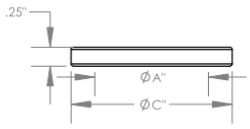


SE
Slotted External Thread
Choose Foot Style From Table



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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Image 4

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