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

DATASHEET

PART NUMBER

WES690-1000-TF

Wescon 690 Microstop - 3/8-24 - 1" Cutter Capacity - Straight

LARGE CAPACITY UNITS

WEBSITE

https://www.wesconusa.com/products/WES690-1000-TF



The Wescon 690 Series Microstop is a large capacity microstop countersink cage for larger diameter cutters at lower spindle speeds. A bronze bearing rated to 3,000 rpm with a heavy duty thrust bearing carries the 3/8 in (9.525 mm) tri-flat shaft, with 1/2 in (12.70 mm) of shaft travel and 0.0005 in (0.013 mm) incremental adjustment. Cutter capacities run from 7/8 in to 2 in with 3/8-24, 7/16-20, M8x1 or M10x1 cutter threads. Skirts are available in straight, slotted, cutaway, 2-leg, 3-leg and external thread styles with nylon or steel feet.

SPECIFICATIONS

Measurement Type	Imperial
Bearing Rating	3,000 rpm
Bearing Type	Bronze Bearing
Heavy Duty Thrust Bearing	Yes
Incremental Adjustment	0.0005 in
Shaft Travel	1/2 in
Dust Seal	No
Cutter Thread	3/8-24
Shaft	Tri-Flat
Shaft Diameter	3/8 in
Cutter Capacity	1 in
Skirt	Straight
Solid Stop	No
Material	Steel

Subject to change without notice
© Copyright Wescon Industries Inc

Country of Origin	USA

ADDITIONAL IMAGES AND DRAWINGS

WES690 Series Microstop



Part Number
WES690-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

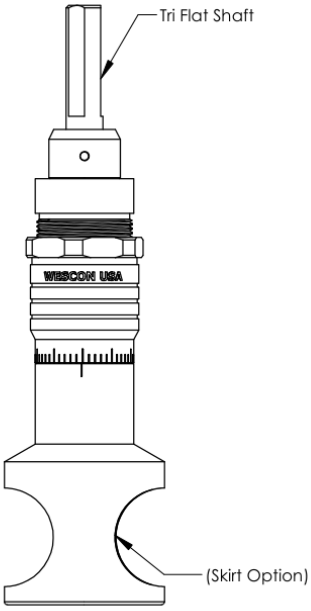
Bearing Rating: 3,000 rpm
Bearing Type: Bronze Bearing
Heavy Duty Thrust Bearing: Yes
Solid Stop: Yes

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
TF	Tri Flat



WES690-1250-TF
Microstop with
Tri Flat Shaft

*For skirt options see next page and website.

WESCON

Part Number **WES690**

Wescon 690 Microstop

Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.

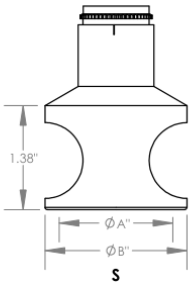
© 2025 Wescon Industries Inc.
601 Century Plaza Dr. Houston, TX 77073, US
www.wesconusa.com

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

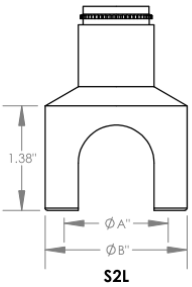
Image 1

Subject to change without notice
© Copyright Wescon Industries Inc

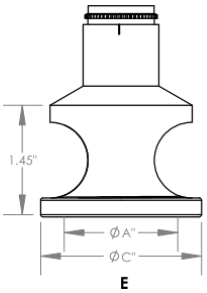
Skirt Option



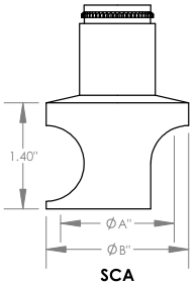
S
Straight



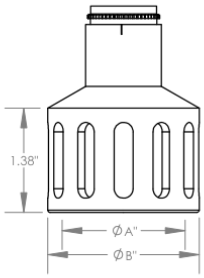
S2L
2-Leg



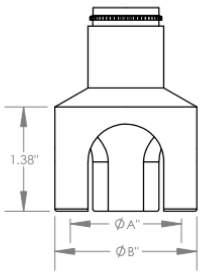
E
External Thread
Choose Foot Style From Table



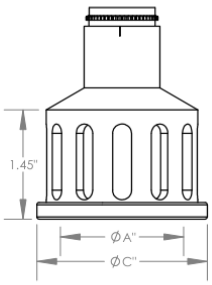
SCA
Straight Cutaway



SL
Slotted

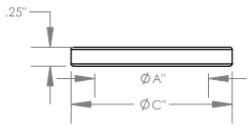


S3L
3-Leg



SE
Slotted External Thread
Choose Foot Style From Table

			OD for S,SCA,SL,S2L & S3L	OD for E & SE
Code	**Cutter Capacity**	**Ø A**	**Ø B**	**Ø C**
875	7/8"(22 mm)	1" (25.4 mm)	1-3/16" (30 mm)	1.40 (36 mm)
1000	1"(25 mm)	1-1/8" (29 mm)	1-3/8" (35 mm)	1.56 (40 mm)
1250	1-1/4"(32 mm)	1-3/8" (35 mm)	1-5/8" (42 mm)	1.81 (46 mm)
1375	1-3/8"(35 mm)	1-1/2" (38 mm)	1-7/8" (48 mm)	2.13 (54 mm)
1500	1-1/2"(38 mm)	1-5/8" (42 mm)	2" (50.8 mm)	2.25 (57 mm)
2000	2"(50.8 mm)	2-1/4" (58 mm)	2-1/2" (64 mm)	2.630 (67 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	69661-N	69661-S	69661-P
1375	69671-N	69671-S	69671-P
1500	69681-N	69681-S	69681-P
2000	69691-N	69691-S	69691-P

WESCON

Part Number **WES690**

Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.

© 2025 Wescon Industries Inc.
601 Century Plaza Dr. Houston, TX 77073, US
www.wesconusa.com

Wescon 690 Microstop

Revision 05 | All dimensions are in Inches | Information in this drawing is provided for reference only

Image 2

Subject to change without notice
© Copyright Wescon Industries Inc