

## DATASHEET

PART NUMBER

**WES690-10-875-SCA-TF**

**Wescon 690 Microstop - M10x1 - 22 mm Cutter  
Capacity - Straight Cutaway**

LARGE CAPACITY UNITS

WEBSITE

<https://www.wesconusa.com/products/WES690-10-875-SCA-TF>



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

## SPECIFICATIONS

|                           |                  |
|---------------------------|------------------|
| Measurement Type          | Metric           |
| Bearing Rating            | 3,000 rpm        |
| Bearing Type              | Bronze Bearing   |
| Heavy Duty Thrust Bearing | Yes              |
| Incremental Adjustment    | 0.013 mm         |
| Shaft Travel              | 12.70 mm         |
| Dust Seal                 | No               |
| Cutter Thread             | M10x1            |
| Shaft                     | Tri-Flat         |
| Shaft Diameter            | 9.525 mm         |
| Cutter Capacity           | 22 mm            |
| Skirt                     | Straight Cutaway |
| Solid Stop                | No               |
| Material                  | Steel            |
| Country of Origin         | USA              |

**ADDITIONAL IMAGES AND DRAWINGS**

**WES690 Series Microstop**



**Part Number**

WES690-XX-XX-XX-XX

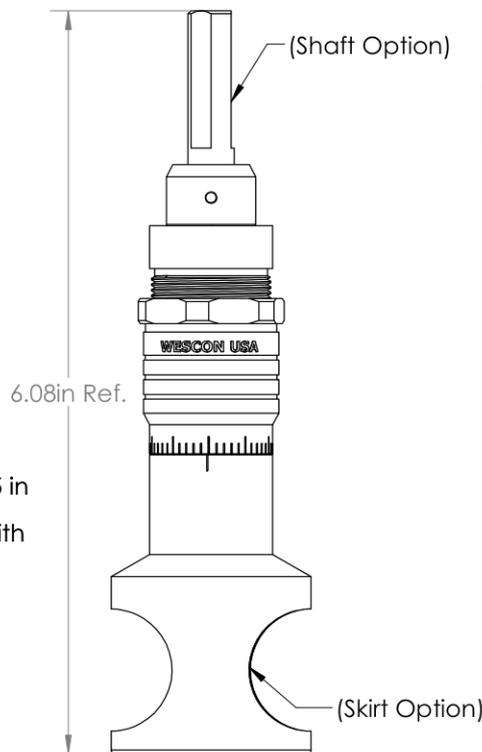
- Shaft Option
- Foot Style
- Skirt Option\*
- Cutter Capacity
- Shaft Thread

| 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     |



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

\*For skirt options see next page and website.



Part Number

**WES690**

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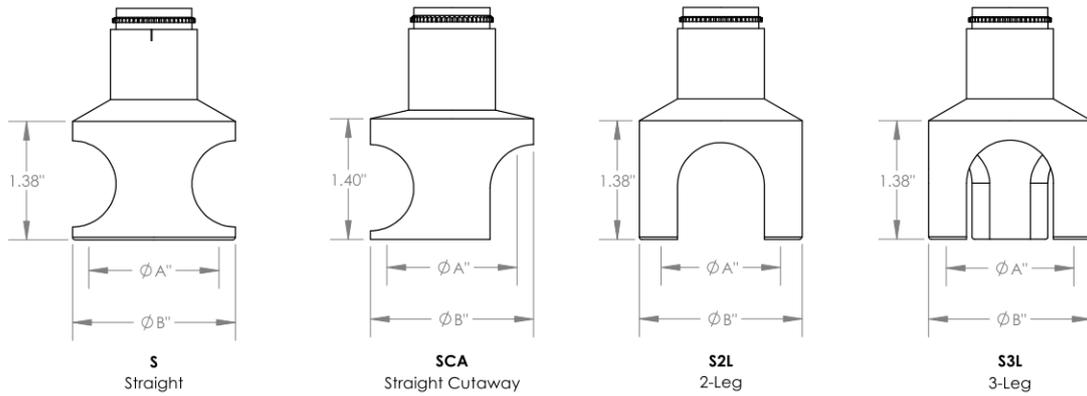
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Wescon 690 Microstop

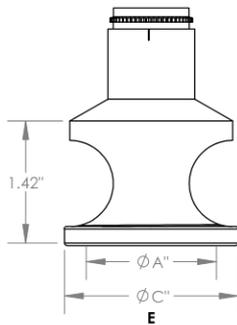
Revision 03 All dimensions are in Inches Information in this drawing is provided for reference only

Image 1

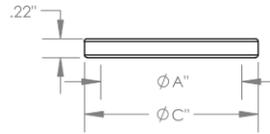
### Skirt Option



### Foot Style For External Thread



**E**  
External Thread  
Choose Foot Style From Table



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

| Code | Cutter Capacity | $\phi A$       | OD for S, SCA, S2L & S3L |                 | OD for E & SE |
|------|-----------------|----------------|--------------------------|-----------------|---------------|
|      |                 |                | $\phi B$                 | $\phi C$        |               |
| 875  | 7/8" (22 mm)    | 7/8" (22 mm)   | 1-3/16" (30 mm)          | 1.317 (33 mm)   |               |
| 1000 | 1" (25 mm)      | 1-5/8" (42 mm) | 1-7/8" (48 mm)           | 1.945 (49 mm)   |               |
| 1250 | 1-1/4" (32 mm)  | 1-1/2" (38 mm) | 1-5/8" (42 mm)           | 1.755 (45 mm)   |               |
| 1375 | 1-3/8" (35 mm)  | 1-5/8" (42 mm) | 1-7/8" (48 mm)           | 2.005 (50.8 mm) |               |
| 1500 | 1-1/2" (38 mm)  | 1-1/2" (38 mm) | 2" (50.8 mm)             | 2.130 (54 mm)   |               |
| 2000 | 2" (50.8 mm)    | 2-1/4" (58 mm) | 2-1/2" (64 mm)           | 2.630 (67 mm)   |               |



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Wescon 690 Microstop

Revision 03

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Image 2