

DATASHEET

PART NUMBER

WES599-6-VES

**Wescon 599 Stainless Steel Microstop - M6x1 -
19.05 mm Cutter Capacity - Vacuum External
Thread Skirt - Steel Foot**

10 DEGREE PIVOTING SHAFT (SWIVEL SHAFT) / HIGH
SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES599-6-VES>



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

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 | 7.60 mm |
| Dust Seal | Integrated Dust Seal |
| Cutter Thread | M6x1 |
| Shaft | Round - Pivoting / Swivel Shaft |
| Shaft Diameter | 6.35 mm |
| Cutter Capacity | 19.05 mm |
| Skirt | Vacuum External Thread |
| Skirt Description | 31.75 mm OD 22.01 mm ID 19.05 mm Cutter Capacity |
| Foot | Steel |
| Solid Stop | Yes |
| Material | Stainless Steel |
| Vacuum Adapter | Yes |

Country of Origin

USA

ADDITIONAL IMAGES AND DRAWINGS

WES599 Series Microstop



Incremental Adjustment: 0.0005 in
 Shaft Travel: 0.300 in
 Material: Stainless Steel

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

Part Number
WES599-X-XX-XX

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

| Code | Cutter Thread |
|---------|---------------|
| (Blank) | 1/4-28 |
| 6 | M6x1 |
| 8 | M8x1 |

| Code | Foot Style |
|------|------------|
| N | Nylon |
| S | Steel |
| P | Phenolic |

| Code | Shaft Option |
|---------|---------------------------|
| (Blank) | Round Swivel Shaft |
| QC | Quick Change Swivel Shaft |
| TF | Tri Flat Swivel Shaft |



5° 5°

3.96in Ref.

(Shaft Option)

(Skirt Option)

∅ 1.00in

| | | |
|---|--|---|
| <p>*For Skirt options see next page and website.</p> <p>Revision 04 All dimensions are in inches</p> |  <p>© 2025 Wescon Industries Inc. 601 Century Plaza Dr. Houston, TX 77073, US www.wesconusa.com</p> | <p>Part Number WES599</p> <p style="text-align: center; font-size: 1.2em;">Wescon 599 Microstop</p> |
| <p>Information in this drawing is provided for reference only</p> | | |

Image 1

Skirt Option



Part Number

WES599

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Wescon 599 Microstop

Revision 04

All dimensions are in inches

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Image 2

Skirt Option (Continuation)



Part Number

WES599

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Wescon 599 Microstop

Revision 04

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Image 3

**Foot Style
For External Thread**



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

**Foot Style
For Internal Thread**



| Part Number | Material |
|-------------|----------|
| 59620-N | Nylon |
| 59620-S | Steel |
| 59620-P | Phenolic |

**Foot Style
For Bell External Thread**



| Part Number | Material |
|-------------|----------|
| 59641-N | Nylon |
| 59641-S | Steel |
| 59641-P | Phenolic |

**Foot Style
For Bell Internal Thread**



| Part Number | Material |
|-------------|----------|
| 59640-N | Nylon |
| 59640-S | Steel |
| 59640-P | Phenolic |

**Foot Style
For Bell Wide External Thread**



| Part Number | Material |
|-------------|----------|
| 59651-N | Nylon |
| 59651-S | Steel |
| 59651-P | Phenolic |



Part Number **WES599**

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Wescon 599 Microstop

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Image 4