

Digital Micrometer Heads

165 Series

AzarSanat



165-01-1

STANDARD ACCESSORIES

- S-wrench
- Battery
- Warranty card, Instruction manual, Calibration certificate

FEATURES

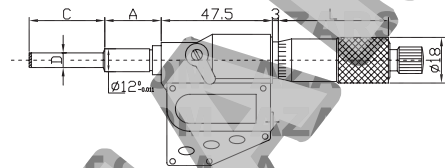
- Resolution: Digital: .00005"/ 0.001mm
Scale: .0001"/ 0.01mm
- Protection level IP65
- Inch/Metric conversion
- Upon switching on the display will read the actual absolute measuring position
- Automatic On/Off to maximize battery life
- Extra large LCD readout
- Absolute or incremental measuring modes
- Carbide tipped measuring faces
- Ratchet stop

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SPECIFICATIONS

Inch		Metric				Inch		Metric	
Range	Accuracy	Range	Accuracy	Measuring face	Clamp Nut	Code No.	Code No.	Code No.	Code No.
0-1"	±0.001"	0-25mm	±0.003mm	Flat & Carbide tipped	w/o	165-01-1	165-01-0		
0-1"	±0.001"	0-25mm	±0.003mm	Spherical	w/o	165-01-3	165-01-2		
0-1"	±0.001"	0-25mm	±0.003mm	With non-rotating device	w/o	165-01-5	165-01-4		
0-1"	±0.001"	0-25mm	±0.003mm	Flat & Carbide tipped	with	165-61-1	165-61-0		
0-1"	±0.001"	0-25mm	±0.003mm	Spherical	with	165-61-3	165-61-2		
0-1"	±0.001"	0-25mm	±0.003mm	With non-rotating device	with	165-61-5	165-61-4		
0-2"	±0.002"	0-50mm	±0.005mm	Flat & Carbide tipped	w/o	165-02-1	165-02-0		
0-2"	±0.002"	0-50mm	±0.005mm	Spherical	w/o	165-02-3	165-02-2		

Dimension

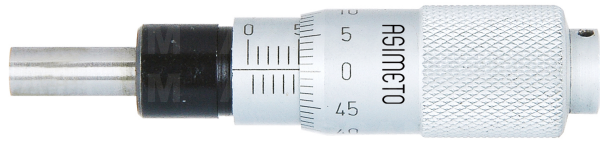


Range	D	A	C	L
0-1"/0-25mm	Φ6.5mm	17.5mm	28.5mm	47mm
0-1"/0-50mm	Φ8mm	35.5mm	53mm	71.5mm

Micrometer Heads

169 Series

AzarSanat



169-05-0



169-92-0

FEATURES

- Satin chrome finish
- Ratchet stop for 0-25mm range

STANDARD ACCESSORIES

- S-wrench
- Warranty card, Instruction manual
- Calibration certificate

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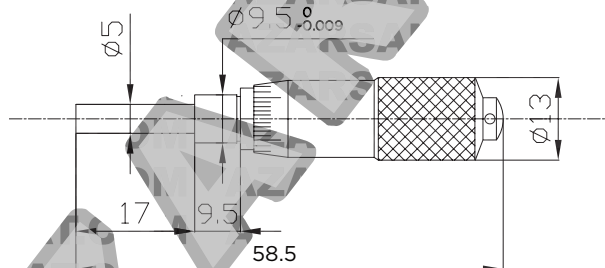
SPECIFICATIONS

Inch			Metric			Inch			Metric			
Range	Accuracy	Graduation	Spindle Dia.	Range	Accuracy	Graduation	Spindle Dia.	Spindle Lock	Measuring Face	Clamp Nut	Code No.	Code No.
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	w/o	Flat	w/o	169-05-1	169-05-0
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Flat	with	169-05-3	169-05-2
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	w/o	Spherical	w/o	169-05-5	169-05-4
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Spherical	with	169-05-7	169-05-6
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	w/o	Flat	with	169-05-9	169-05-8
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Flat	w/o	169-92-1*	169-92-0*
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Flat	with	169-92-3*	169-92-2*
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Flat	w/o	169-92-5	169-92-4
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Flat	with	169-92-7	169-92-6
0-2"	±.0001"	.001"	Φ0.256"	0-50mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Flat	w/o	169-93-1*	169-93-0*
0-2"	±.0001"	.001"	Φ0.256"	0-50mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Flat	with	169-93-3*	169-93-2*
0-2"	±.0001"	.001"	Φ0.256"	0-50mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Flat	w/o	169-93-5	169-93-4
0-2"	±.0001"	.001"	Φ0.256"	0-50mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Flat	with	169-93-7	169-93-6

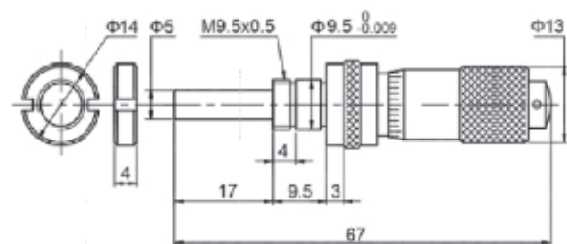
* No ratchet stop

Dimension

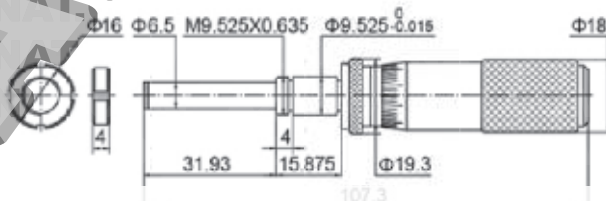
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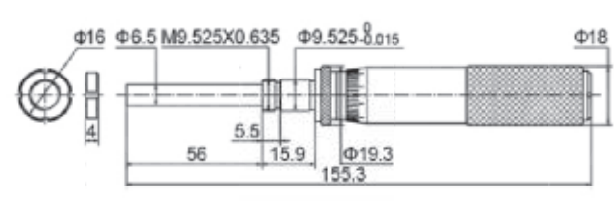
169-05-2/3



169-92-2/3



169-93-2/3



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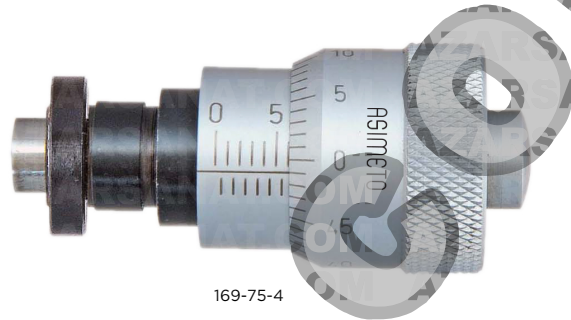
Micrometer Heads

169 Series

AzarSanat



169-82-0



169-75-4

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SPECIFICATIONS

Inch				Metric				Inch				Metric	
Range	Accuracy	Graduation	Spindle Dia.	Range	Accuracy	Graduation	Spindle Dia.	Spindle Lock	Measuring Face	Clamp Nut	Code No.	Code No.	
0-.2"	±.0001"	.001"	Φ .079"	0-5mm	±0.004mm	0.02mm	Φ2mm	w/o	Flat	w/o	169-82-1	169-82-0	
0-.2"	±.0001"	.001"	Φ .079"	0-5mm	±0.004mm	0.02mm	Φ2mm	w/o	Spherical	w/o	169-82-3	169-82-2	
0-.25"	±.0001"	.001"	Φ .138"	0-6.5mm	±0.004mm	0.01mm	Φ3.5mm	w/o	Flat	w/o	169-65-1	169-65-0	
0-.25"	±.0001"	.001"	Φ .138"	0-6.5mm	±0.004mm	0.01mm	Φ3.5mm	w/o	Spherical	w/o	169-65-3	169-65-2	
0-.25"	±.0001"	.001"	Φ .138"	0-6.5mm	±0.004mm	0.01mm	Φ3.5mm	w/o	Flat	with	169-65-5	169-65-4	
0-.25"	±.0001"	.001"	Φ .138"	0-6.5mm	±0.004mm	0.01mm	Φ3.5mm	w/o	Spherical	with	169-65-7	169-65-6	
0-.25"	±.0001"	.001"	Φ .256"	0-6.5mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Flat	w/o	169-75-1	169-75-0	
0-.25"	±.0001"	.001"	Φ .256"	0-6.5mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Spherical	w/o	169-75-3	169-75-2	
0-.25"	±.0001"	.001"	Φ .256"	0-6.5mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Flat	with	169-75-5	169-75-4	
0-.25"	±.0001"	.001"	Φ .256"	0-6.5mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Spherical	with	169-75-7	169-75-6	
0-.25"	±.0001"	.0002"	Φ .256"	0-6.5mm	±0.004mm	0.005mm	Φ6.5mm	w/o	Carbide & Flat	with	169-85-1	169-85-0	
0-.25"	±.0001"	.0002"	Φ .256"	0-6.5mm	±0.004mm	0.005mm	Φ6.5mm	w/o	Carbide & Spherical	with	169-85-3	169-85-2	

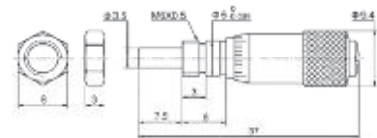
Dimension

169-82-0/1

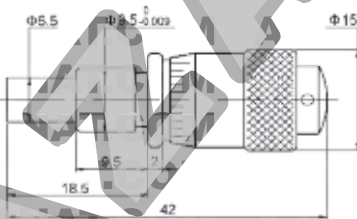


169-65-0/1

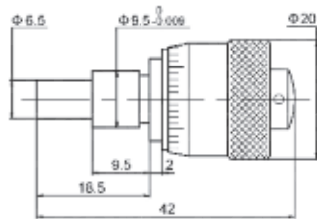
169-65-4/5



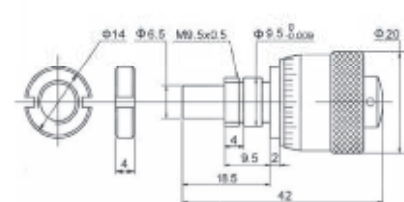
169-85-0/1



169-75-0/1



169-75-4/5



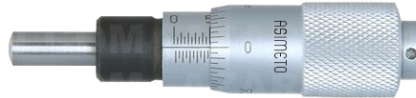
Micrometer Heads

AzarSanat

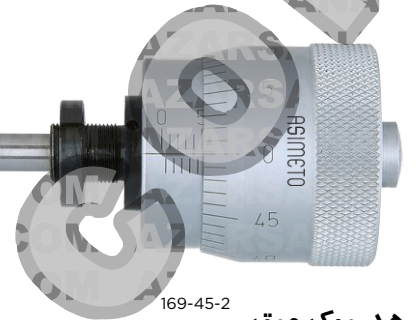
169 Series



169-13-0



169-33-2



169-45-2

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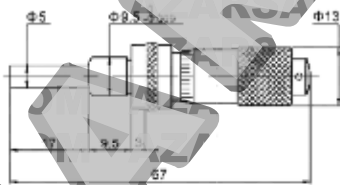
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SPECIFICATIONS

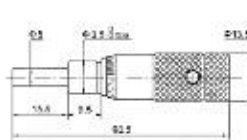
Inch			Metric			Inch			Metric			
Range	Accuracy	Graduation	Spindle Dia.	Range	Accuracy	Graduation	Spindle Dia.	Spindle Lock	Measuring Face	Clamp Nut	Code No.	Code No.
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Flat	w/o	169-06-1	169-06-0
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Spherical	w/o	169-06-3	169-06-2
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	w/o	Spherical	with	169-06-5	169-06-4
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	w/o	Flat	w/o	169-13-1	169-13-0
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Flat	w/o	169-13-3	169-13-2
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	w/o	Spherical	w/o	169-13-5	169-13-4
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Spherical	w/o	169-13-7	169-13-6
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	w/o	Flat	with	169-23-1	169-23-0
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Flat	with	169-23-3	169-23-2
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	w/o	Spherical	with	169-23-5	169-23-4
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Spherical	with	169-23-7	169-23-6
0-.5"	±.0001"	.0002"	Φ0.197"	0-13mm	±0.004mm	0.005mm	Φ5mm	w/o	Flat	w/o	169-33-1	169-33-0
0-.5"	±.0001"	.0002"	Φ0.197"	0-13mm	±0.004mm	0.005mm	Φ5mm	w/o	Carbide & Spherical	w/o	169-33-3	169-33-2
0-.5"	±.0001"	.0002"	Φ0.197"	0-13mm	±0.004mm	0.005mm	Φ5mm	w/o	Flat	with	169-33-5	169-33-4
0-.5"	±.0001"	.0002"	Φ0.197"	0-13mm	±0.004mm	0.005mm	Φ5mm	w/o	Spherical	with	169-33-7	169-33-6
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Carbide & Flat	w/o	169-43-1	169-43-0
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Carbide & Spherical	w/o	169-43-3	169-43-2
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Carbide & Flat	with	169-43-5	169-43-4
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	with	Carbide & Spherical	with	169-43-7	169-43-6

Dimension

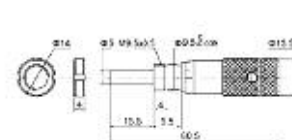
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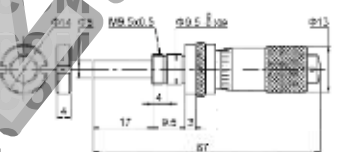
169-45-0/1



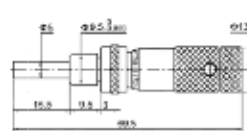
169-23-0/1



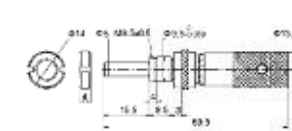
169-06-4/5



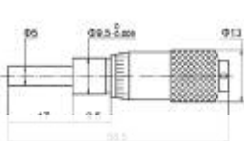
169-13-2/3



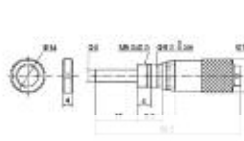
169-23-2/3



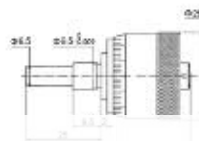
169-33-0/1



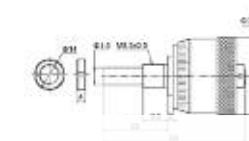
169-33-4/5



169-45-0/1



169-45-4/5



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Micrometer Heads

169 Series

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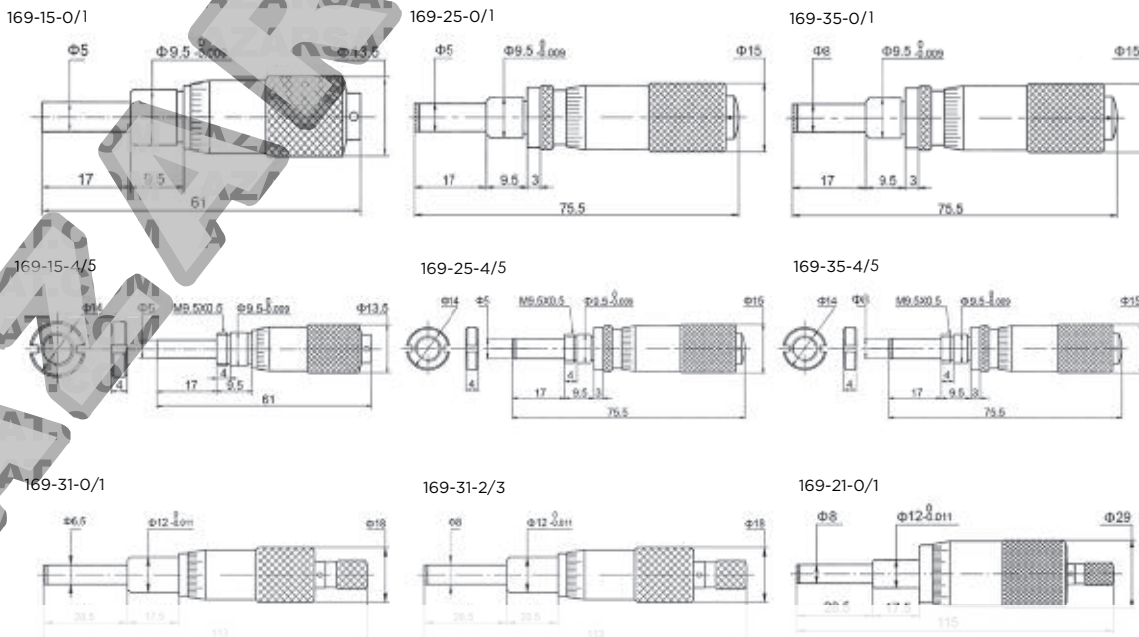


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SPECIFICATIONS

Inch				Metric				Inch				Metric	
Range	Accuracy	Graduation	Spindle Dia.	Range	Accuracy	Graduation	Spindle Dia.	Spindle Lock	Measuring Face	Clamp Nut	Code No.	Code No.	
0-.6"	±0.0001"	.001"	Φ0.197"	0-15mm	±0.004mm	0.01mm	Φ5mm	w/o	Flat	w/o	169-15-1	169-15-0	
0-.6"	±0.0001"	.001"	Φ0.197"	0-15mm	±0.004mm	0.01mm	Φ5mm	w/o	Spherical	w/o	169-15-3	169-15-2	
0-.6"	±0.0001"	.001"	Φ0.197"	0-15mm	±0.004mm	0.01mm	Φ5mm	w/o	Flat	with	169-15-5	169-15-4	
0-.6"	±0.0001"	.001"	Φ0.197"	0-15mm	±0.004mm	0.01mm	Φ5mm	w/o	Spherical	with	169-15-7	169-15-6	
0-.6"	±0.0001"	.001"	Φ0.197"	0-15mm	±0.004mm	0.01mm	Φ5mm	with	Flat	w/o	169-25-1	169-25-0	
0-.6"	±0.0001"	.001"	Φ0.197"	0-15mm	±0.004mm	0.01mm	Φ5mm	with	Spherical	w/o	169-25-3	169-25-2	
0-.6"	±0.0001"	.001"	Φ0.197"	0-15mm	±0.004mm	0.01mm	Φ5mm	with	Flat	with	169-25-5	169-25-4	
0-.6"	±0.0001"	.001"	Φ0.197"	0-15mm	±0.004mm	0.01mm	Φ5mm	with	Spherical	with	169-25-7	169-25-6	
0-.5"	±0.0001"	.001"	Φ0.315"	0-13mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Flat	w/o	169-35-1	169-35-0	
0-.5"	±0.0001"	.001"	Φ0.315"	0-13mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Spherical	w/o	169-35-3	169-35-2	
0-.5"	±0.0001"	.001"	Φ0.315"	0-13mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Flat	with	169-35-5	169-35-4	
0-.5"	±0.0001"	.001"	Φ0.315"	0-13mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Spherical	with	169-35-7	169-35-6	
0-1"	±0.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Flat	w/o	169-21-1	169-21-0	
0-1"	±0.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Spherical	w/o	169-21-3	169-21-2	
0-1"	±0.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Flat	w/o	169-31-1	169-31-0	
0-1"	±0.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Spherical	w/o	169-32-1	169-32-0	
0-1"	±0.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Flat	w/o	169-31-3	169-31-2	
0-1"	±0.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Spherical	w/o	169-32-3	169-32-2	
0-1"	±0.0001"	.0001"	Φ0.256"	0-25mm	±0.004mm	0.002mm	Φ6.5mm	w/o	Carbide & Flat	w/o	169-31-5	169-31-4	
0-1"	±0.0001"	.0001"	Φ0.256"	0-25mm	±0.004mm	0.002mm	Φ6.5mm	w/o	Carbide & Spherical	w/o	169-32-5	169-32-4	
0-1"	±0.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.002mm	Φ8mm	w/o	Carbide & Flat	w/o	169-31-7	169-31-6	
0-1"	±0.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.002mm	Φ8mm	w/o	Carbide & Spherical	w/o	169-32-7	169-32-7	

Dimension



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Micrometer Heads

169 Series

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169-11-2



169-51-0

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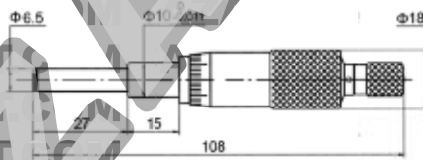
SPECIFICATIONS

Inch				Metric				Inch				Metric	
Range	Accuracy	Graduation	Spindle Dia.	Range	Accuracy	Graduation	Spindle Dia.	Spindle Lock	Measuring Face	Clamp Nut	Code No.	Code No.	
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Flat	w/o	169-11-3	169-11-2	
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Spherical	w/o	169-11-1	169-11-0	
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Flat	with	169-01-2	169-01-3	
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Spherical	with	169-01-1	169-01-0	
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Flat	w/o	169-41-1	169-41-0	
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Spherical	w/o	169-41-3	169-41-2	
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Flat	with	169-42-1	169-42-0	
0-1"	±.0001"	.001"	Φ0.256"	0-25mm	±0.004mm	0.01mm	Φ6.5mm	with	Carbide & Spherical	with	169-42-3	169-42-2	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Flat	w/o	169-51-1*	169-51-0*	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Spherical	w/o	169-52-1*	169-52-0*	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Flat	w/o	169-53-1	169-53-0	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Spherical	w/o	169-54-1	169-54-0	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	w/o	Carbide & Flat	w/o	169-51-3*	169-51-2*	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	w/o	Carbide & Spherical	w/o	169-52-3*	169-52-2*	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	w/o	Carbide & Flat	w/o	169-53-3	169-53-2	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	w/o	Carbide & Spherical	w/o	169-54-3	169-54-2	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Flat	with	169-51-5*	169-51-4*	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Spherical	with	169-52-5*	169-52-4*	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Flat	with	169-53-5	169-53-4	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	w/o	Carbide & Spherical	with	169-54-5	169-54-4	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	w/o	Carbide & Flat	with	169-51-7*	169-51-6*	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	w/o	Carbide & Spherical	with	169-52-7*	169-52-6*	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	w/o	Carbide & Flat	with	169-53-7	169-53-6	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	w/o	Carbide & Spherical	with	169-54-7	169-54-6	

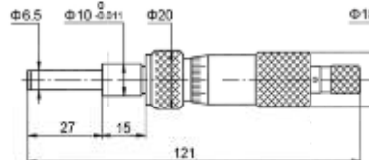
* No ratchet stop

Dimension

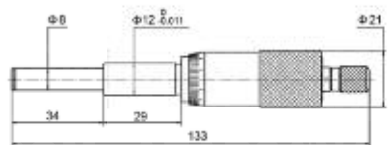
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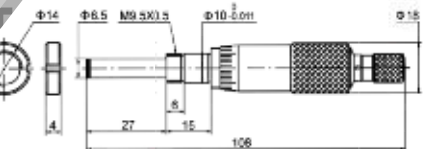
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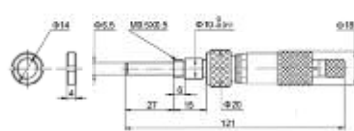
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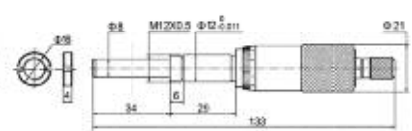
169-01-2/3



169-42-0/1



169-51-4/5



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Micrometer Heads

169 Series

AzarSanat



169-55-0



169-91-0

هد میکرومتر
آذر صنعت

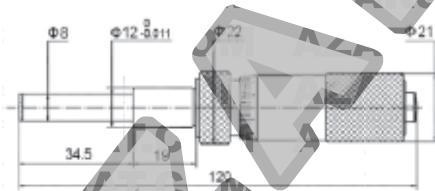
SPECIFICATIONS

Inch				Metric				Inch				Metric	
Range	Accuracy	Graduation	Spindle Dia.	Range	Accuracy	Graduation	Spindle Dia.	Spindle Lock	Measuring Face	Clamp Nut	Code No.	Code No.	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	with	Carbide & Flat	w/o	169-55-1*	169-55-0*	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	with	Carbide & Spherical	w/o	169-56-1*	169-56-0*	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	with	Carbide & Flat	w/o	169-57-1	169-57-0	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	with	Carbide & Spherical	w/o	169-58-1	169-58-0	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	with	Carbide & Flat	w/o	169-55-3*	169-55-2*	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	with	Carbide & Spherical	w/o	169-56-3*	169-56-2*	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	with	Carbide & Flat	w/o	169-57-3	169-57-2	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	with	Carbide & Spherical	w/o	169-58-3	169-58-2	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	with	Carbide & Flat	with	169-55-5*	169-55-4*	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	with	Carbide & Spherical	with	169-56-5*	169-56-4*	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	with	Carbide & Flat	with	169-57-5	169-57-4	
0-1"	±.0001"	.001"	Φ0.315"	0-25mm	±0.004mm	0.01mm	Φ8mm	with	Carbide & Spherical	with	169-58-5	169-58-4	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	with	Carbide & Flat	with	169-55-7*	169-55-6*	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	with	Carbide & Spherical	with	169-56-7*	169-56-6*	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	with	Carbide & Flat	with	169-57-7	169-57-6	
0-1"	±.0001"	.0001"	Φ0.315"	0-25mm	±0.004mm	0.001mm	Φ8mm	with	Carbide & Spherical	with	169-58-7	169-58-6	
0-2"	±.0001"	.001"	Φ0.256"	0-50mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Flat	w/o	169-81-1	169-81-0	
0-2"	±.0001"	.001"	Φ0.256"	0-50mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Spherical	w/o	169-81-3	169-81-2	
0-2"	±.0001"	.001"	Φ0.256"	0-50mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Flat	with	169-81-5	169-81-4	
0-2"	±.0001"	.001"	Φ0.256"	0-50mm	±0.004mm	0.01mm	Φ6.5mm	w/o	Carbide & Spherical	with	169-81-7	169-81-6	
0-.5"	±.0001"	.001"	Φ0.157"	0-13mm	±0.004mm	0.01mm	Φ4mm	w/o	Flat	w/o	169-91-1	169-91-0	
0-.5"	±.0001"	.001"	Φ0.197"	0-13mm	±0.004mm	0.01mm	Φ5mm	w/o	Spherical	with	169-91-3	169-91-2	

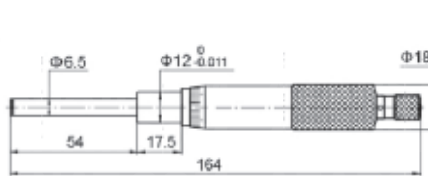
* No ratchet stop

Dimension

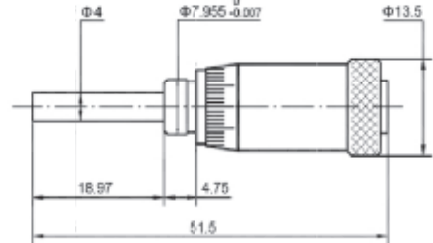
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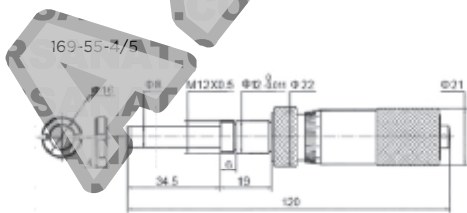
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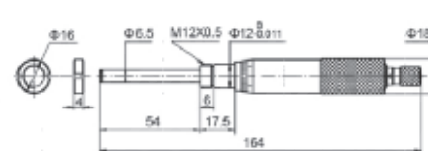
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169-55-2/5



169-81-4/5



169-91-2/3

