

Three-point Internal Micrometers



- Self-centering 3-point for accurate measurement of internal diameters.
- Highly durable because of carbide-tipped contact points.
- Measurement can be taken closer to the bottom of the blind bore, and can be taken into a deep hole with an extension rods.
- Supplied with setting rings.

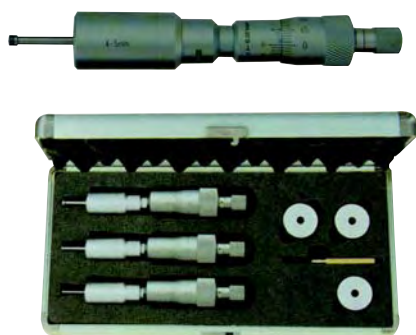
Within 12mm/0.5".

Resolution: 0.001mm(Metric); 0.0001"(Inch).

Over 12mm/0.5".

Resolution: 0.005mm(Metric); 0.0002"(Inch).

Range: 2-6mm/0.08-0.28"



Individuals

Range	Grad.	Order No.
2-2.5mm	.001mm	600-9201
2.5-3mm	.001mm	600-9202
3-4mm	.001mm	600-9203
4-5mm	.001mm	600-9204
5-6mm	.001mm	600-9205

Range	Grad.	Order No.
0.08-0.1"	.0001"	600-9206
0.1-0.12"	.0001"	600-9207
0.12-0.16"	.0001"	600-9208
0.16-0.2"	.0001"	600-9209
0.2-0.24"	.0001"	600-9210
0.24-0.28"	.0001"	600-9211

Sets

Range	Grad.	Desc.	Order No.
2-3mm	.001mm	2 heads	600-9650
3-6mm	.001mm	3 heads	600-9651

Range	Grad.	Desc.	Order No.
.18-.12"	.0001"	2 heads	600-9652
.12-.28"	.0001"	4 heads	600-9653

Range: 6-12mm/0.08-0.28"



Individuals

Range	Grad.	Order No.
6-8mm	.001mm	600-9212
8-12mm	.001mm	600-9213
12-15mm	.001mm	600-9214

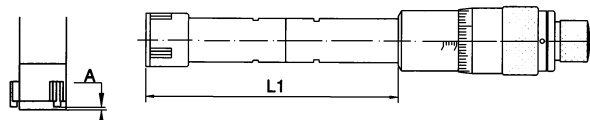
Range	Grad.	Order No.
0.275-0.35"	.0001"	600-9215
0.35-0.425"	.0001"	600-9216
0.425-0.5"	.0001"	600-9217

Sets

Range	Grad.	Desc.	Order No.
6-12mm	.001mm	3 heads	600-9654

Range	Grad.	Desc.	Order No.
0.275-0.5"	.0001"	3 heads	600-9655

Range: 6-100mm/0.275-4"

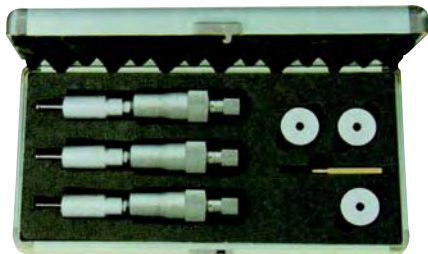


Metric

Range	Graduation	Accuracy	Setting Rings		A	Order No.
6-8mm	.001mm	0.004mm	φ8mm	53.5mm	0.5mm	600-9660
8-10mm	.001mm	0.004mm	φ8mm	53.5mm	0.5mm	600-9661
10-12mm	.001mm	0.004mm	φ10mm	53.5mm	0.5mm	600-9662
12-16mm	.005mm	0.004mm	φ16mm	80mm	0.5mm	600-9663
16-20mm	.005mm	0.004mm	φ16mm	80mm	0.5mm	600-9664
20-25mm	.005mm	0.004mm	φ25mm	90mm	0.5mm	600-9665
25-30mm	.005mm	0.004mm	φ25mm	90mm	0.5mm	600-9666
30-40mm	.005mm	0.004mm	φ40mm	97mm	0.5mm	600-9667
40-50mm	.005mm	0.005mm	φ40mm	97mm	0.5mm	600-9668
50-63mm	.005mm	0.005mm	φ62mm	114mm	0.5mm	600-9669
62-75mm	.005mm	0.005mm	φ62mm	114mm	0.5mm	600-9670
75-88mm	.005mm	0.005mm	φ87mm	114mm	0.5mm	600-9671
87-100mm	.005mm	0.005mm	φ87mm	114mm	0.5mm	600-9672

Three Point Inside Micrometers & Sets

Range: 6-100mm/0.275-4"



Metric Sets

Range	Graduation	Extension Rods	Desc.	Order No.
6-12mm(A=0.5mm)	.001mm	100mm	3 Heads	600-9675
12-20mm(A=0.5mm)	.005mm	150mm	2 Heads	600-9676
20-50mm(A=0.5mm)	.005mm	150mm	3 Heads	600-9677
50-100mm(A=0.5mm)	.005mm	150mm	5 Heads	600-9678

Inch Sets

Range	Graduation	Extension Rods	Desc.	Order No.
0.275-0.5"((A=0.5mm)	.0001"	3.9"	3 Heads	600-9875
0.5-0.8"((A=0.5mm)	.0002"	5.9"	2 Heads	600-9876
0.8-2"((A=0.5mm)	.0002"	5.9"	4 Heads	600-9877
2-4"((A=0.5mm)	.0002"	5.9"	4 Heads	600-9878

Range: 50-300mm/2-12"



- Painted Surface.
 - Over 100mm/4": Setting ring optional.
 - Over 100mm/4": Measuring head are interchangeable
 - Ratchet stop
- Aluminium body



Individuals

Range	Grad.	Order No.
50-63mm	.005mm	600-9501
62-75mm	.005mm	600-9502
75-88mm	.005mm	600-9503
87-100mm	.005mm	600-9504
100-125mm	.005mm	600-9505
125-150mm	.005mm	600-9506
150-175mm	.005mm	600-9507
175-200mm	.005mm	600-9508
200-225mm	.005mm	600-9509
225-250mm	.005mm	600-9510
250-275mm	.005mm	600-9511
275-300mm	.005mm	600-9512

Range	Grad.	Order No.
2-2.5"	.0002"	600-9513
2.5-3"	.0002"	600-9514
3-3.5"	.0002"	600-9515
3.5-4"	.0002"	600-9516
4-5"	.0002"	600-9517
5-6"	.0002"	600-9518
6-7"	.0002"	600-9519
7-8"	.0002"	600-9520
8-9"	.0002"	600-9521
9-10"	.0002"	600-9522
10-11"	.0002"	600-9523
11-12"	.0002"	600-9524



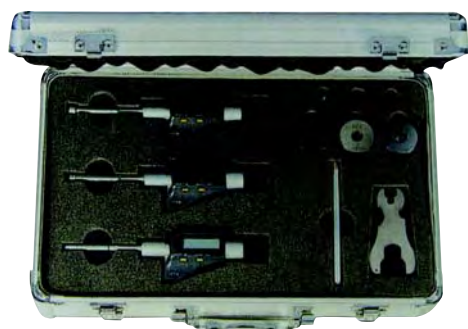
Sets

Range	Grad.	Desc.	Order No.
50-100mm	.005mm	4 heads	600-9656

Range	Grad.	Desc.	Order No.
2-4"	.0002"	4 heads	600-9657

Electronic Three Point Inside Micrometers & Sets

Range: 2-6mm/0.08-0.28"



- Self-centering 3-point for accurate measurement of internal diameters.
- Measurement can be taken closer to the bottom of the blind bore, and can be taken into a deep hole with an extension rod.
- Carbide-tipped contact points.
- Protection level IP54. Criterion: DIN40050/IEC529.
- RS232 data output. Connect cable: P1102 (Optional).
- Within 100mm/ 4": Supplied with setting rings. Over 100mm/ 4": Setting rings optional.
- Over 100mm/ 4": Measuring head is interchangeable.

Individuals

Range	Grad.	Order No.
2-2.5mm	.001mm	600-9731
2.5-3mm	.001mm	600-9732
3-4mm	.001mm	600-9733
4-5mm	.001mm	600-9734
5-6mm	.001mm	600-9735

Range	Grad.	Order No.
0.08-0.1"	.0001"	600-9736
0.1-0.12"	.0001"	600-9737
0.12-0.16"	.0001"	600-9738
0.16-0.2"	.0001"	600-9739
0.2-0.24"	.0001"	600-9740
0.24-0.28"	.0001"	600-9741

Sets

Range	Grad.	Desc.	Order No.
2-3mm	.001mm	2 heads	600-9780
3-6mm	.001mm	3 heads	600-9781

Range	Grad.	Desc.	Order No.
.18-.12"	.0001"	2 heads	600-9782
.12-.28"	.0001"	4 heads	600-9783

Range: 6-12mm/0.08-0.28"



Individuals

Range	Grad.	Order No.
6-8mm	.001mm	600-9742
8-12mm	.001mm	600-9743
12-15mm	.001mm	600-9744

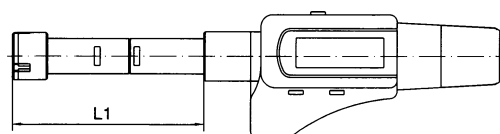
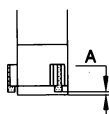
Range	Grad.	Order No.
0.275-0.35"	.0001"	600-9745
0.35-0.425"	.0001"	600-9746
0.425-0.5"	.0001"	600-9747

Sets

Range	Grad.	Desc.	Order No.
6-12mm	.001mm	3 heads	600-9784

Range	Grad.	Desc.	Order No.
0.275-0.5"	.0001"	3 heads	600-9785

Range: 6-100mm/0.275-4"



Range	Graduation	Accuracy	Setting Rings	L1	A	Order No.
6-8mm/0.275-0.35"	.005mm/.0002"	0.004mm	φ8mm/0.275"	63.5mm	1.5mm	600-9760
8-10mm/0.35-0.425"	.005mm/.0002"	0.004mm	φ8mm/0.35"	63.5mm	1.5mm	600-9761
10-12mm/0.425-0.5"	.005mm/.0002"	0.004mm	φ10mm/0.5"	63.5mm	0.5mm	600-9762
12-16mm/0.5-0.65"	.005mm/.0002"	0.004mm	φ16mm/0.65"	79.5mm	0.5mm	600-9763
16-20mm/0.65-0.8"	.005mm/.0002"	0.004mm	φ16mm/0.65"	79.5mm	0.5mm	600-9764
20-25mm/0.8-1"	.005mm/.0002"	0.004mm	φ25mm/1"	104.5mm	0.5mm	600-9765
25-30mm/1-1.2"	.005mm/.0002"	0.004mm	φ25mm/1"	104.5mm	0.5mm	600-9766
30-40mm/1.2-1.6"	.005mm/.0002"	0.004mm	φ40mm/1.6"	110mm	0.5mm	600-9767
40-50mm/1.6-2"	.005mm/.0002"	0.005mm	φ40mm/1.6"	110mm	0.5mm	600-9768
50-63mm/2-2.5"	.005mm/.0002"	0.005mm	φ62mm/2.5"	127mm	0.5mm	600-9769
62-75mm/2.5-3"	.005mm/.0002"	0.005mm	φ62mm/2.5"	127mm	0.5mm	600-9770
75-88mm/3-3.5"	.005mm/.0002"	0.005mm	φ87mm/3.5"	127mm	0.5mm	600-9771
87-100mm/3.5-4"	.005mm/.0002"	0.005mm	φ87mm/3.5"	127mm	0.5mm	600-9772

Electronic Three-point Internal Micrometers Sets

Range: 6-100mm/0.275-4"



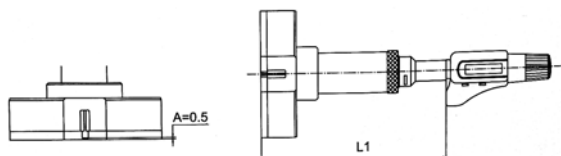
Sets

Range	Extension Rods	Desc.	Order No.
6-12mm/0.275-0.5"(A=0.5mm)	100mm	3 Heads	600-9775
12-20mm/0.5-0.8"(A=0.5mm)	150mm	2 Heads	600-9776
20-50mm/0.8-2"(A=0.5mm)	150mm	4 Heads	600-9777
50-100mm/2-4"(A=0.5mm)	150mm	4 Heads	600-9778

Range: 50-300mm/2-12"



- Painted Surface
- Over 100mm/4": Setting ring optional.
- Over 100mm/4": Measuring head are interchangeable
- Ratchet stop
- Aluminium body



Individuals

Range	Grad.	Order No.
50-63mm	.005mm	600-9748
62-75mm	.005mm	600-9749
75-88mm	.005mm	600-9750
87-100mm	.005mm	600-9751
100-125mm	.005mm	600-9752
125-150mm	.005mm	600-9753
150-175mm	.005mm	600-9754
175-200mm	.005mm	600-9755
200-225mm	.005mm	600-9756
225-250mm	.005mm	600-9757
250-275mm	.005mm	600-9758
275-300mm	.005mm	600-9759

Range	Grad.	Order No.
2-2.5"	.0002"	600-9718
2.5-3"	.0002"	600-9719
3-3.5"	.0002"	600-9720
3.5-4"	.0002"	600-9721
4-5"	.0002"	600-9722
5-6"	.0002"	600-9723
6-7"	.0002"	600-9724
7-8"	.0002"	600-9725
8-9"	.0002"	600-9726
9-10"	.0002"	600-9727
10-11"	.0002"	600-9728
11-12"	.0002"	600-9729



Sets

Range	Grad.	Desc.	Order No.
50-100mm	.005mm	4 heads	600-9786

Range	Grad.	Desc.	Order No.
2-4"	.0002"	4 heads	600-9787

Accessories For Three Point Inside Micrometers

Internal Gage For Three Point Micrometers



	Specifications	Order No.	Specifications	Order No.
for 6-12mm x .005mm	Dia. 32x10x8	600-9532	Dia. 32x10x10	600-9537
for 11-20mm x .005mm	Dia. 35x13x11	600-9534	Dia. 45x15x17	600-9535
for 20-40mm x .005mm	Dia. 53x20x25	600-9544	Dia. 68x20x35	600-9545
for 40-100mm x .005mm	Dia.100x30.2x50	600-9564	Dia.112x32.2x70	600-9565
for 40-100mm x .005mm	Dia. 140x35.2x90	600-9566		

Arbor, Arbor Socket & Wrench for Basic Model Three Point Micrometers

Range	Arbor & Socket Order No.	Wrench Order No.
For .24-.48"	600-9530	600-9536
For .44-.80"	600-9531	600-9533
For .80-1.6"	600-9541	600-9543
For 1.6-4.0"	600-9561	600-9563

Range	Arbor & Socket Order No.	Wrench Order No.
for 6-12mm	600-9221	600-9223
for 11-20mm	600-9231	600-9233
for 20-40mm	600-9241	600-9243
for 40-100mm	600-9261	600-9263

Pistol Grip Three Point Bore Gages

- Carbide Tipped contact points
- Furnished with setting rings
- Self-centering 3 point contact for accurate measurement
- Furnished without dial indicator



Inch

Range	Accuracy	Gage Depth	Order No.
0.275-0.35"	0.00016"	2"	600-9430
0.35-0.425"	0.00016"	2"	600-9431
0.425-0.5"	0.00016"	2"	600-9432
0.5-0.65"	0.00016"	2.6"	600-9433
0.65-0.8"	0.00016"	2.6"	600-9434
0.8-1"	0.00016"	3.64"	600-9435
1-1.2"	0.00016"	3.64"	600-9436
1.2-1.6"	0.00016"	3.88"	600-9437
1.6-2"	0.0002"	3.88"	600-9438
2-2.5"	0.0002"	4.48"	600-9439
2.5-3"	0.0002"	4.48"	600-9440
3-3.5"	0.0002"	4.48"	600-9441
3.5-4"	0.0002"	4.48"	600-9442

Metric

Range	Accuracy	Gage Depth	Order No.
6-8mm	0.004mm	50mm	600-9450
8-10mm	0.004mm	50mm	600-9451
10-12mm	0.004mm	50mm	600-9452
12-16mm	0.004mm	65mm	600-9453
16-20mm	0.004mm	65mm	600-9454
20-25mm	0.004mm	91mm	600-9455
25-30mm	0.004mm	91mm	600-9456
30-40mm	0.004mm	97mm	600-9457
40-50mm	0.005mm	97mm	600-9458
50-63mm	0.005mm	112mm	600-9459
62-75mm	0.005mm	112mm	600-9460
75-88mm	0.005mm	112mm	600-9461
87-100mm	0.005mm	112mm	600-9462

Sets

Range	Accuracy	Gage Depth	Order No.
0.275-0.5"	0.00016"	2"	600-9463
0.5-0.8"	0.00016"	2"	600-9464
0.8-2.0"	0.00016"	3.64"	600-9465
2.0-4.0"	0.0002"	4.48"	600-9466
6-12mm	0.004mm	50mm	600-9467
12-20mm	0.004mm	50mm	600-9468
20-50mm	0.004mm	90mm	600-9469
50-100mm	0.005mm	112mm	600-9470

Internal Micrometers

Tubular Type

- Chrome-plated.
- Each rod marked with length.
- Thermal insulator on each rod.
- Carbide measuring faces.
- Laser engraved graduations.



Range	Grad.	Order No.
2-3"	0.001"	600-6561
2-4"	0.001"	600-6562
2-7"	0.001"	600-6563
2-10"	0.001"	600-6564
2-24"	0.001"	600-6565

Range	Grad.	Order No.
50-75mm	.01mm	600-6507
50-100mm	.01mm	600-6508
50-175mm	.01mm	600-6509
50-250mm	.01mm	600-6510
50-600mm	.01mm	600-6511

Range	Grad.	Order No.
4-36"	.001"	600-6520
6-55"	.001"	600-6521
6-80"	.001"	600-6522
6-84"	.001"	600-6523
40-120"	.001"	600-6524

Range	Grad.	Order No.
150-1400mm	.01mm	600-6501
150-2000mm	.01mm	600-6502
150-2100mm	.01mm	600-6503
1000-3000mm	.01mm	600-6504

Tubular & Single Body Type



Range	Grad.	Order No.
2-3"	.001"	600-6551
3-4"	.001"	600-6552
4-5"	.001"	600-6553
5-6"	.001"	600-6554
6-7"	.001"	600-6555
7-8"	.001"	600-6556
8-9"	.001"	600-6557
9-10"	.001"	600-6558
10-11"	.001"	600-6559
11-12"	.001"	600-6560

Range	Grad.	Order No.
50-75mm	.01mm	600-6541
75-100mm	.01mm	600-6542
100-125mm	.01mm	600-6543
125-150mm	.01mm	600-6544
150-175mm	.01mm	600-6545
175-200mm	.01mm	600-6546
200-225mm	.01mm	600-6547
225-250mm	.01mm	600-6548
250-275mm	.01mm	600-6549
275-300mm	.01mm	600-6550