



BEARING & TOOL CENTRE



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Our Sister Concern : RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

Quotation

11 | Inside Micrometer – [L.c. 0.01mm]

Range-mm	W	C	D%	5 – 30	25 - 50	25 – 50 R	50 – 200R	50 - 300
Aerospace Rs.		N	10	1940	2310	3300	3840	3500
M & W Rs.	6	N		2600	3300	4000	5200	4800
Code				IMJ 30	IMJ 50	IMR 50	IMR 200	IMT 300
Page No.-				12	12	12	12	12
Range-mm	W	C	D%	50 – 300R	50 - 500	50 - 1000	50 – 1500	
Aerospace Rs.		N	10	-	5130			
M & W Rs.	6	N		5800	6000	13000	15500	
Code				IMR 300	IMT 500	IMT 1000	IMT 1500	
Page No.-				12	12	12	12	

11 - 1 | Inside Micrometer – [L.c. 0.01mm]

Range-mm	W	C	D%	5 – 30	25-50	50-75	75-100	100-125	125-150
Insize Rs.	12	N		4199	4543	5286	5938		
Code (3220)				30	50	75	100		
Page No.-				3	3	3	3		
Mitutoyo Rs.	12	N	5	10717	11258	14428	16148	17643	19732
Code (145)				185	186	187	188	189	190
Page No.-				6	6	6	6	6	6
Range-mm	W	C	D%	150-175	175-200	200-225	225-250	250-275	275-300
Mitutoyo Rs.	12	N	5	21677	23623	27063	29450	31845	34088
Code(145)				191	192	217	218	219	220
Page No.-				6	6	6	6	6	6

11 – 2 | Tubular Inside Micrometer – [L.c. 0.01mm]

Range-mm	W	C	D%	25-32	25-50	50-63	50-200	50-300	200-225	200-500	200-1000
Insize Rs.	12	N		5798	7199	6339	9368	10496	8860	13024	37165
Code (3221)				32	50	63	200	300	225	500	1000
Page No.-				4	4	4	4	4	4	4	4
Mitutoyo Rs.			5	2441	6295	3783	8204	10582	5187	11014	20182
Code (141)				001	101	025	205	206	009	117	118
Page No.-				7	7	7	7	7	7	7	7

11 – 3 | Tubular Inside Micrometer – [L.c. 0.01mm]

Range-mm	W	C	D%	50-63	50-150	50-300	50-500	50-600	50-1000	50-1500
Insize Rs.	6	N		5913	6462	8697	10762	11378	20685	29096
Code (3222)				63	150	300	500	600	1000	1500
Page No.-				4	4	4	4	4	4	4
Mitutoyo Rs.	12	N	5	4242	6980	9672	11483		16742	21380
Code (137)				011	201	202	203	-	204	205
Page No.-				9	9	9	9		9	9

11 – 4 Tubular Inside Micrometer – [L.c. 0.01mm]

Range-mm	W	C	D%	1000-2000	1000-3000	1000-4000	1000-5000
Insize Rs.	6	N		65516	131065	200994	259267
Code (3224)				2000	3000	4000	5000
Page No.-				4	4	4	4
Mitutoyo Rs.	12	N	5	84467	109135	143520	179400
Code (140)				157	158	159	160
Page No.-				10	10	10	10

11 – 5 Tubular Inside Micrometer – [L.c. 0.01mm]

Range-mm	W	C	D%	100-125	100-500	100-900	100-1300	100-1700	100-2100
Insize Rs.	6	N		13124	21729	31159	38116	48402	56057
Code (3225)				125	500	900	1300	1700	2100
Page No.-				5	5	5	5	5	5
Mitutoyo Rs.	12	N	5	9240	23019	25415	29900	34232	38573
Code (139)				001	173	174	175	176	177
Page No.-				10	10	10	10	10	10

11 – 6 Inside Micrometer – [L.c. 0.01mm]

Range-mm	W	C	D%	50-75	75-100	100-125	125-150	150-175	175-200	200-225	225-250	250-275	275-300
Insize Rs.	6	N		3218	3631	4045	4458	4802	5146	5672	6017	6540	6953
Code (3229)				75	100	125	150	175	200	225	250	275	300
Page No.-				5	5	5	5	5	5	5	5	5	5
Mitutoyo Rs.	12	N	5	3692	3828	4008	4197	4395	4575	4782	4944	5160	5341
Code (133)				143	144	145	146	147	148	149	150	151	152
Page No.-				11	11	11	11	11	11	11	11	11	11
Range-mm				300-325	325-350	350-375	375-400	400-425	425-450	450-475	475-500	500-525	525-550
Insize Rs.	12	N		7552	7459	8153	8708	8558	8946	9333	9721	10109	10496
Code (3229)				325	350	375	400	425	450	475	500	525	550
Page No.-				5	5	5	5	5	5	5	5	5	5
Mitutoyo Rs.	12			5521	5683	5998	6070	6358	6439	6664	6773	7232	7502
Code (133)				153	154	155	156	157	158	159	160	161	162
Page No.-				11	11	11	11	11	11	11	11	11	11
Range-mm				550-575	575-600	600-625	625-650	650-675	675-700	700-725	725-750	750-775	775-800
Insize Rs.	12	N		10883	11270	11658	12046	12433	12820	13208	13595	13982	14370
Code (3229)				575	600	625	650	675	700	725	750	775	800
Page No.-				5	5	5	5	5	5	5	5	5	5
Mitutoyo Rs.	12	N	5	8042	8358	8601	8862	9105	9384	9654	9898	10168	10420
Code (133)				163	164	165	166	167	168	169	170	171	172
Page No.-				11	11	11	11	11	11	11	11	11	11
Range-mm				800-825	825-850	850-875	875-900	900-925	925-950	950-975	975-1000		
Insize Rs.	12	N		14757	15145	15533	15919	16307	16694	17082	17470		
Code (3229)				825	850	875	900	925	950	975	1000		
Page No.-				5	5	5	5	5	5	5	5		
Mitutoyo Rs.	12	N	5	10672	10960	11212	11465	11717	12005	12275	12527		
Code (133)				173	174	175	176	177	178	179	180		
Page No.-				11	11	11	11	11	11	11	11		

11 – 7 Digimatic Inside Micrometer – [L.c. 0.001mm]

Range-mm	W	C	D%	5 – 30	25 – 50	50 – 75	75 – 100
Insize Rs.	12	N		15690	16424	17256	17983
Code (3520)				30	50	75	100
Page No.-				5	5	5	5
Mitutoyo Rs.	12	N	5	29450	31395		
Code (345)				250	251		
Page No.-				6	6		

*** Warranty , C – Certificate , D- Discount, R – Road Type

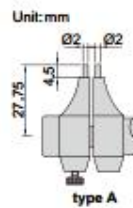
- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
- **Branch** – Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No.** 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.

INSIZE MAKE

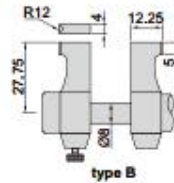
INSIDE MICROMETER

- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces
- Optional accessory: setting ring (code 6312)

Code	Range	Type	Setting ring	Accuracy
3220-30	5-30mm	A	5mm (included)	7µm
3220-50	25-50mm	B	25mm (included)	8µm
3220-75	50-75mm	B	50mm (optional)	9µm
3220-100	75-100mm	C	75mm (optional)	10µm



3220-50



type C

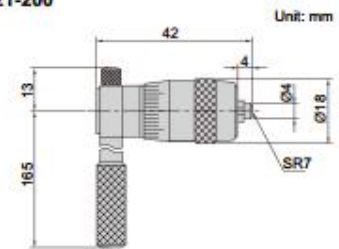
TUBULAR INSIDE MICROMETER

- Graduation 0.01mm
- Accuracy: $(6+L/50)\mu\text{m}$
L=maximum measuring length (mm)
- Optional accessory: setting ring (code 6312)



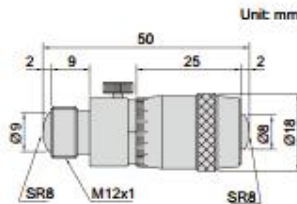
Code	Range	Travel of micrometer head	Extension rods
3221-32	25-32mm	7mm	—
3221-50	25-50mm	7mm	2pcs
3221-63	50-63mm	13mm	—
3221-200	50-200mm	13mm	6pcs
3221-300	50-300mm	13mm	10pcs
3221-225	200-225mm	25mm	—
3221-500	200-500mm	25mm	3pcs
3221-1000	200-1000mm	25mm	8pcs

3221-200



TUBULAR INSIDE MICROMETER

- Graduation 0.01mm
- Accuracy: $(3+n+L/50)\mu\text{m}$
n=number of rods
L=maximum measuring length (mm)
- Supplied with setting standards
- Carbide measuring faces



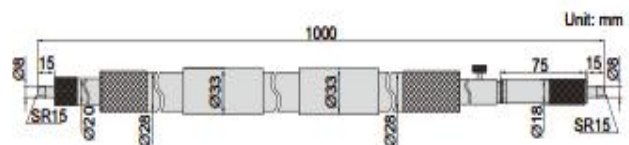
3222-150

Code	Range	Travel of micrometer head	Extension rods
3222-63	50-63mm	13mm	—
3222-150	50-150mm	13mm	13mm, 25mm, 50mm
3222-300	50-300mm	13mm	13mm, 25mm, 50mm (2pcs), 100mm
3222-500	50-500mm	13mm	13mm, 25mm, 50mm (2pcs), 100mm, 200mm
3222-600	50-600mm	13mm	13mm, 25mm, 50mm, 100mm, 150mm, 200mm
3222-1000	50-1000mm	13mm	13mm, 25mm, 50mm (2pcs), 100mm, 200mm (2pcs), 300mm
3222-1500	50-1500mm	13mm	13mm, 25mm, 50mm (2pcs), 100mm, 200mm (3pcs), 300mm (2pcs)

TUBULAR INSIDE MICROMETER



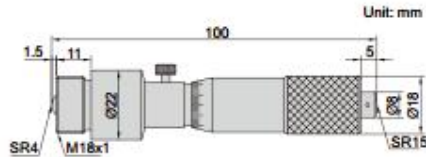
3224-2000



Code	Range	Extension rods
3224-2000	1000-2000mm	50mm, 100mm (2pcs), 200mm, 500mm
3224-3000	1000-3000mm	50mm, 100mm (2pcs), 200mm, 500mm, 1000mm
3224-4000	1000-4000mm	50mm, 100mm (2pcs), 200mm, 500mm, 1000mm (2pcs)
3224-5000	1000-5000mm	50mm, 100mm (2pcs), 200mm, 500mm, 1000mm (3pcs)

- Graduation 0.01mm
- Accuracy: $(7+n+L/50)\mu\text{m}$
n=number of rods
L=maximum measuring length (mm)
- Travel of micrometer head 50mm
- Carbide measuring faces

TUBULAR INSIDE MICROMETER



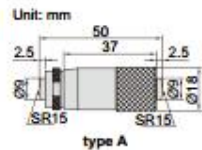
- Graduation 0.01mm
- Accuracy: $(3+n+L/50)\mu\text{m}$
n=number of rods
L=maximum measuring length(mm)
- Travel of micrometer head 25mm
- Supplied with setting standards
- Carbide measuring faces

Code	Range	Extension rods
3225-125	100-125mm	—
3225-500	100-500mm	25mm, 50mm, 100mm, 200mm
3225-900	100-900mm	25mm, 50mm, 100mm, 200mm, 400mm
3225-1300	100-1300mm	25mm, 50mm, 100mm, 200mm, 400mm (2pcs)
3225-1700	100-1700mm	25mm, 50mm, 100mm, 200mm, 400mm (3pcs)
3225-2100	100-2100mm	25mm, 50mm, 100mm, 200mm, 400mm (4pcs)

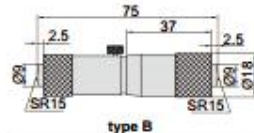


3225-500

TUBULAR INSIDE MICROMETER



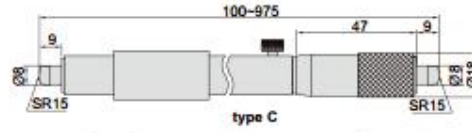
type A



type B



3229-225



type C

Code	Range	Type	Accuracy
3229-75	50-75mm	A	5 μm
3229-100	75-100mm	B	5 μm
3229-125	100-125mm	C	6 μm
3229-150	125-150mm	C	6 μm
3229-175	150-175mm	C	7 μm
3229-200	175-200mm	C	7 μm
3229-225	200-225mm	C	8 μm
3229-250	225-250mm	C	8 μm
3229-275	250-275mm	C	9 μm

Code	Range	Type	Accuracy
3229-300	275-300mm	C	9 μm
3229-325	300-325mm	C	9 μm
3229-350	325-350mm	C	9 μm
3229-375	350-375mm	C	10 μm
3229-400	375-400mm	C	10 μm
3229-425	400-425mm	C	10 μm
3229-450	425-450mm	C	10 μm
3229-475	450-475mm	C	11 μm
3229-500	475-500mm	C	11 μm

- Graduation 0.01mm
- Carbide measuring faces

Code	Range	Type	Accuracy
3229-525	500-525mm	C	11 μm
3229-550	525-550mm	C	11 μm
3229-575	550-575mm	C	11 μm
3229-600	575-600mm	C	12 μm
3229-625	600-625mm	C	12 μm
3229-650	625-650mm	C	12 μm
3229-675	650-675mm	C	13 μm
3229-700	675-700mm	C	13 μm
3229-725	700-725mm	C	13 μm
3229-750	725-750mm	C	14 μm
3229-775	750-775mm	C	14 μm
3229-800	775-800mm	C	14 μm
3229-825	800-825mm	C	15 μm
3229-850	825-850mm	C	15 μm
3229-875	850-875mm	C	15 μm
3229-900	875-900mm	C	16 μm
3229-925	900-925mm	C	16 μm
3229-950	925-950mm	C	16 μm
3229-975	950-975mm	C	17 μm
3229-1000	975-1000mm	C	17 μm

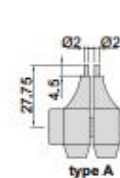
DIGITAL INSIDE MICROMETER

DATA
OUTPUT

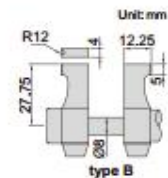
- Resolution 0.001mm/0.00005"
- Button function: on/off, set, mm/inch, ABS/INC, data output
- Data output
- LR44 battery, automatic power off
- Ratchet stop
- Carbide measuring faces
- Optional accessory: data output cable (code 7306-30, 7302-SPC2A, 7305-SPC3), setting ring (code 6312)



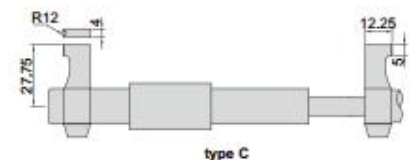
3520-30



type A



type B



type C

Code	Range	Type	Setting ring	Accuracy
3520-30	5-30mm/0.2-1.2"	A	5mm(included)	$\pm 5\mu\text{m}$
3520-50	25-50mm/1-2"	B	25mm(included)	$\pm 6\mu\text{m}$
3520-75	50-75mm/2-3"	B	50mm(optional)	$\pm 7\mu\text{m}$
3520-100	75-100mm/3-4"	C	75mm(optional)	$\pm 8\mu\text{m}$

MITUTOYO MAKE

Inside Micrometers

SERIES 345, 145 — Caliper Type

FEATURES

- Caliper type jaws are made of high-grade, tool steel.
- Locking clamp for positive locking of spindle.
- Satin-chrome finished.
- A special holder is available to be used with Mitutoyo Micrometer Stand.



Technical Data

Accuracy: Refer to the list of specifications.
(excluding quantizing error for digital models)
Resolution*: 0.01mm or .00005"/0.001mm
Graduation**: 0.01mm or .001"
Measuring faces: Carbide tipped
Display*: LCD
Battery*: SR44 (1 pc.), 938882
Battery life*: Approx. 8 months under normal use
*Digital models **Analog models

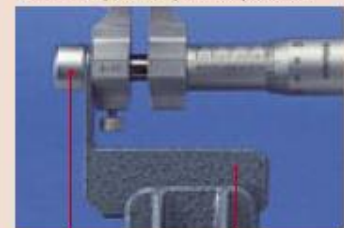
Function of Digital Model

Zero-setting, Preset, Data hold, Automatic power ON/OFF,
Data output, inch/mm conversion (inch/mm models)
Alarm: Low voltage, Counting value composition error

Optional Accessory

05CZA662: SPC cable with data switch (1m)
05CZA663: SPC cable with data switch (2m)
: Setting ring (See page 122.)

For 145-185, 145-186, 145-193, 145-194



Cap (300401) Holder (300400)

SPECIFICATIONS

Metric	Order No.	Accuracy
5 - 30mm	345-250	±5µm
25 - 50mm	345-251	±6µm

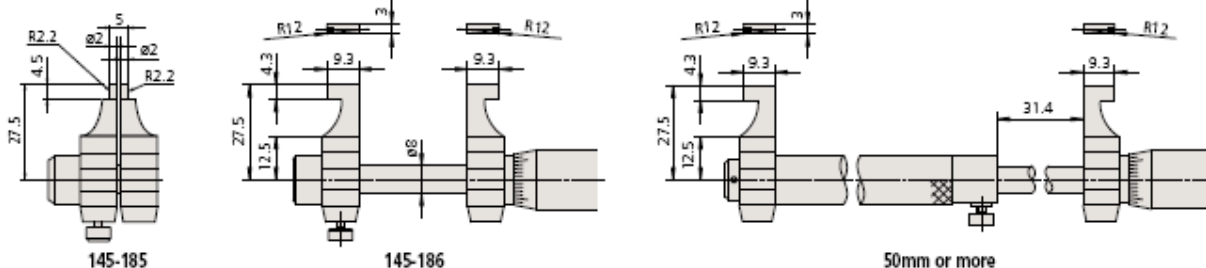
Inch/Metric	Order No.	Accuracy
.2" - 1.2"	345-350	±0.0025"
1" - 2"	345-351	±0.003"

Metric	Order No.	Accuracy
5 - 30mm	145-185	±5µm
25 - 50mm	145-186	±6µm
50 - 75mm	145-187	±7µm
75 - 100mm	145-188	±8µm
100 - 125mm	145-189	±9µm
125 - 150mm	145-190	±9µm
150 - 175mm	145-191	±10µm
175 - 200mm	145-192	±10µm
200 - 225mm	145-217	±11µm
225 - 250mm	145-218	±11µm
250 - 275mm	145-219	±12µm
275 - 300mm	145-220	±12µm

Inch	Order No.	Accuracy
.2" - 1.2"	145-193	±0.0025"
1" - 2"	145-194	±0.003"
2" - 3"	145-195	±0.0035"
3" - 4"	145-196	±0.004"

DIMENSION

Unit: mm



Inside Micrometers

SERIES 141 — Interchangeable Rod Type

FEATURES

- Wide range of ID measurements with interchangeable rods.
- Each interchangeable rod is marked with its measuring range.
- The sizes of interchangeable rods can be adjusted with spacing collars.
- Both micrometer head and furnished rods are satin-chrome finished throughout.



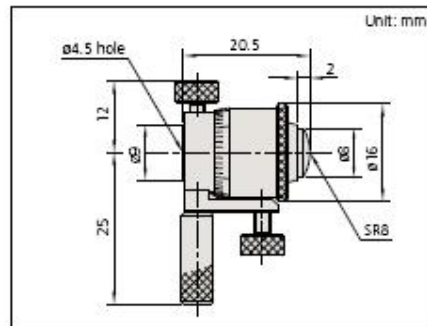
141-101



When using the extension rod



DIMENSION



SPECIFICATIONS

Metric

Range	Order No.	Travel of micrometer head	Remarks
25 - 32mm	141-001 / 141-003*	7mm	—
25 - 50mm	141-101 / 141-103*	7mm	with 2 rods
50 - 63mm	141-025 / 141-027*	13mm	—
50 - 200mm	141-205 / 141-211*	13mm	with 3 rods
50 - 300mm	141-206 / 141-212*	13mm	with 5 rods
200 - 225mm	141-009 / 141-011*	25mm	—
200 - 500mm	141-117	25mm	with 3 rods
200 - 1000mm	141-118	25mm	with 8 rods

*with carbide tipped face

Inch

Range	Order No.	Travel of micrometer head	Remarks
1" - 1.25"	141-002 / 141-004*	.25"	—
1" - 2"	141-102 / 141-104*	.25"	with 2 rods
2" - 2.5"	141-026 / 141-028*	.5"	—
2" - 8"	141-208 / 141-214*	.5"	with 3 rods
2" - 12"	141-233 / 141-215*	.5"	with 5 rods
8" - 9"	141-010 / 141-012*	1"	—
4" - 20"	141-121	1"	with 3 rods
4" - 40"	141-122	1"	with 8 rods

*with carbide tipped face

Technical Data

Accuracy: $\pm(6+L/50)\mu\text{m}^*$
 *L = Maximum measuring length (mm)
 Fraction rounded up
 Graduation: 0.01mm or .001"

Optional Accessory

— : Setting ring (See page 122.)





Digimatic Tubular Inside Micrometers

SERIES 337 — Extension Rod Type / SERIES 339 — Extension Pipe Type

FEATURES

- Wide range of ID measurements by combining extension rods (pipes) and anvils with the micrometer head.
- The 339 series uses highly-durable extension pipes.
- Carbide-tipped measuring faces.

Technical Data

Accuracy: $\pm(3+n+L/50)\mu\text{m}^*$
 Excluding quantizing error
 $*n = \text{Number of rod, } L = \text{Maximum measuring length (mm), Fraction rounded up}$
 Resolution: 0.001mm or .0001"/0.001mm
 Display: LCD
 Battery: SR44 (1 pcs.), 938882
 Battery life: Approx. 8 months under normal use

Function

Zero-setting, Preset, Data hold, Automatic power ON/OFF, Data output, inch/mm conversion (inch/mm models)
 Alarm: Low voltage, Counting value composition error

Optional Accessory

937387: SPC cable (1m)
 965013: SPC cable (2m)
 : Setting ring (See page 122.)



337-201



339-291

Metric — Extension rod type

Range	Order No.	Travel of micrometer head	Extension rods
200 - 1000mm	337-201	25mm	25mm, 50mm, 100mm (2 pcs.), 200mm, 300mm
200 - 1500mm	337-202	25mm	25mm, 50mm, 100mm, 200mm, 300mm (3 pcs.)

Inch/Metric — Extension rod type

Range	Order No.	Travel of micrometer head	Extension rods
8" - 40"	337-203	1"	1", 2", 4" (2 pcs.), 8", 12"
8" - 60"	337-204	1"	1", 2", 4", 8", 12" (3 pcs.)

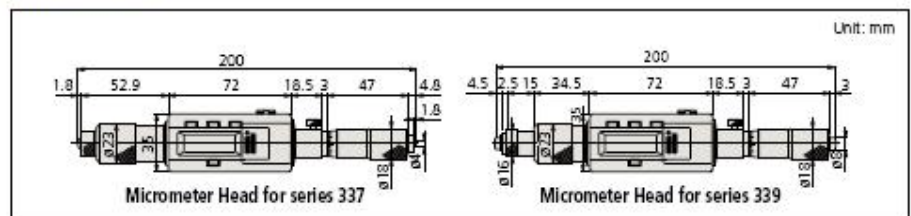
Metric — Extension pipe type

Range	Order No.	Travel of micrometer head	Extension pipes
200 - 1000mm	339-291	25mm	25mm, 50mm, 100mm, 200mm, 400mm
200 - 2000mm	339-292	25mm	25mm, 50mm, 100mm, 200mm (2 pcs.), 400mm (3 pcs.)

Inch/Metric — Extension pipe type

Range	Order No.	Travel of micrometer head	Extension pipes
8" - 40"	339-293	1"	1", 2", 4", 8", 16"
8" - 80"	339-294	1"	1", 2", 4", 8" (2 pcs.), 16" (3 pcs.)

DIMENSION

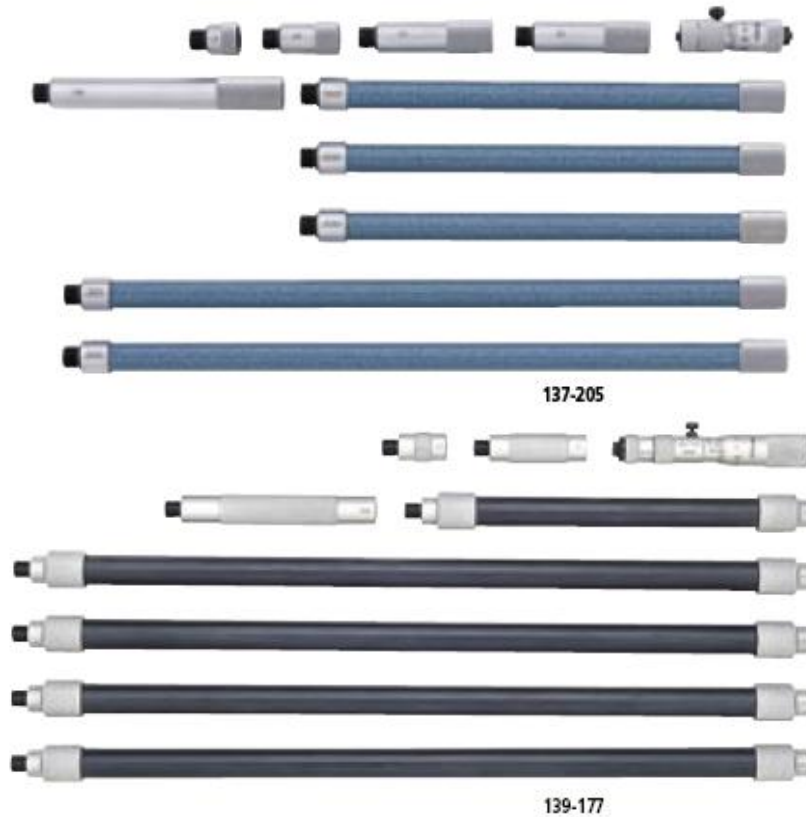


Tubular Inside Micrometers

SERIES 137 — Extension Rod Type, **SERIES 139** — Extension Pipe Type, **SERIES 140** — Extension Pipe Type

FEATURES

- Wide range of ID measurements by combining extension rods (pipes) and anvils with the micrometer head.
- Carbide-tipped measuring faces are available. (series 137)
- The 139 and 140 series use highly-durable/ large-diameter extension pipes.



Technical Data

Accuracy:

- Series 137, 139: $\pm(3+n+L/50)\mu\text{m}^*$
 - Series 140: $\pm(7+n+L/50)\mu\text{m}^*$
- *n = Number of rod, L = Maximum measuring length (mm), Fraction rounded up

Graduation: 0.01mm or .001"

Optional Accessory

— : Setting ring (See page 122.)

SPECIFICATIONS

Metric — Extension rod type			
Range	Order No.	Travel of micrometer head	Extension rods
50 - 63mm	137-011 / 137-013*	13mm	—
50 - 150mm	137-201 / 137-206*	13mm	13mm, 25mm, 50mm
50 - 300mm	137-202 / 137-207*	13mm	13mm, 25mm, 50mm (2 pcs.), 100mm
50 - 500mm	137-203 / 137-208*	13mm	13mm, 25mm, 50mm (2 pcs.), 100mm, 200mm
50 - 1000mm	137-204 / 137-209*	13mm	13mm, 25mm, 50mm (2 pcs.), 100mm, 200mm (2 pcs.), 300mm
50 - 1500mm	137-205 / 137-210*	13mm	13mm, 25mm, 50mm (2 pcs.), 100mm, 200mm (3 pcs.), 300mm (2 pcs.)

*with carbide tipped face

Inch — Extension rod type			
Range	Order No.	Travel of micrometer head	Extension rods
2" - 2.5"	137-012 / 137-014*	.5"	—
2" - 6"	137-211 / 137-216*	.5"	.5", 1", 2"
2" - 12"	137-212 / 137-217*	.5"	.5", 1", 2" (2 pcs.), 4"
2" - 20"	137-213 / 137-218*	.5"	.5", 1", 2" (2 pcs.), 4", 8"
2" - 40"	137-214 / 137-219*	.5"	.5", 1", 2" (2 pcs.), 4", 8" (2 pcs.), 12"
2" - 60"	137-215 / 137-220*	.5"	.5", 1", 2" (2 pcs.), 4", 8" (3 pcs.), 12" (2 pcs.)

*with carbide tipped face

Metric Extension pipe type

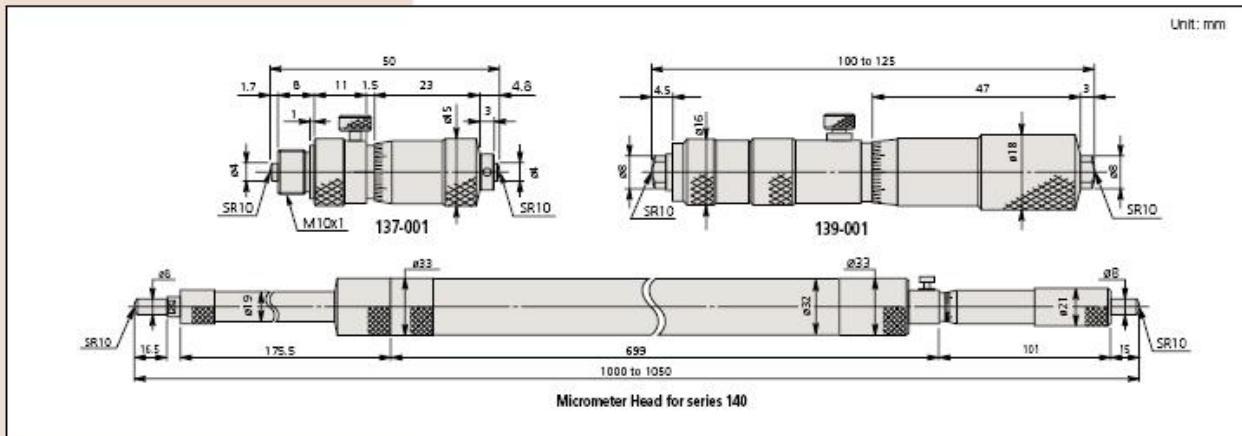
Range	Order No.	Travel of micrometer head	Extension pipes
100 - 125mm	139-001	25mm	—
100 - 500mm	139-173	25mm	25mm, 50mm, 100mm, 200mm
100 - 900mm	139-174	25mm	25mm, 50mm, 100mm, 200mm, 400mm
100 - 1300mm	139-175	25mm	25mm, 50mm, 100mm, 200mm, 400mm (2 pcs.)
100 - 1700mm	139-176	25mm	25mm, 50mm, 100mm, 200mm, 400mm (3 pcs.)
100 - 2100mm	139-177	25mm	25mm, 50mm, 100mm, 200mm, 400mm (4 pcs.)
1000 - 2000mm	140-157	50mm	50mm, 100mm (2 pcs.), 200mm, 500mm
1000 - 3000mm	140-158	50mm	50mm, 100mm (2 pcs.), 200mm, 500mm, 1000mm
1000 - 4000mm	140-159	50mm	50mm, 100mm (2 pcs.), 200mm, 500mm, 1000mm (2 pcs.)
1000 - 5000mm	140-160	50mm	50mm, 100mm (2 pcs.), 200mm, 500mm, 1000mm (3 pcs.)

Inch Extension pipe type

Range	Order No.	Travel of micrometer head	Extension pipes
4" - 5"	139-002	1"	—
4" - 20"	139-178	1"	1", 2", 4", 8"
4" - 36"	139-179	1"	1", 2", 4", 8", 16"
4" - 52"	139-180	1"	1", 2", 4", 8", 16" (2 pcs.)
4" - 68"	139-181	1"	1", 2", 4", 8", 16" (3 pcs.)
4" - 84"	139-182	1"	1", 2", 4", 8", 16" (4 pcs.)
40" - 80"	140-161	2"	2", 4" (2 pcs.), 8", 20"
40" - 120"	140-162	2"	2", 4" (2 pcs.), 8", 20", 40"
40" - 160"	140-163	2"	2", 4" (2 pcs.), 8", 20", 40" (2 pcs.)
40" - 200"	140-164	2"	2", 4" (2 pcs.), 8", 20", 40" (3 pcs.)



DIMENSION

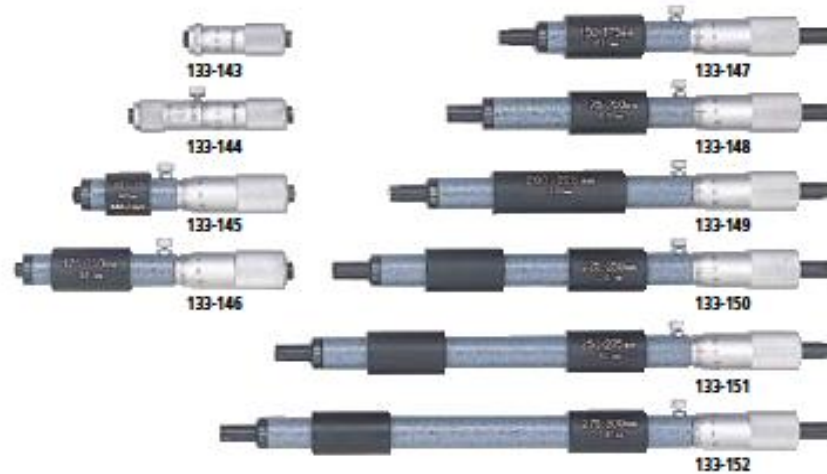


Tubular Inside Micrometers

SERIES 133 — Single Rod Type

FEATURES

- With locking clamp.
- Zero point can be readjusted by twisting the micrometer head sleeve. A key wrench is supplied.
- Clear, crisp graduations on the satin chrome finished micrometer head.
- Carbide-tipped measuring faces.



SPECIFICATIONS

Metric	Individual	
Range	Order No.	Accuracy
50 - 75mm	133-143	±3µm
75 - 100mm	133-144	±4µm
100 - 125mm	133-145	±5µm
125 - 150mm	133-146	±5µm
150 - 175mm	133-147	±5µm
175 - 200mm	133-148	±5µm
200 - 225mm	133-149	±5µm
225 - 250mm	133-150	±6µm
250 - 275mm	133-151	±6µm
275 - 300mm	133-152	±6µm
300 - 325mm	133-153	±7µm
325 - 350mm	133-154	±7µm
350 - 375mm	133-155	±7µm
375 - 400mm	133-156	±8µm
400 - 425mm	133-157	±8µm
425 - 450mm	133-158	±8µm
450 - 475mm	133-159	±9µm
475 - 500mm	133-160	±9µm
500 - 525mm	133-161	±9µm
525 - 550mm	133-162	±10µm
550 - 575mm	133-163	±10µm
575 - 600mm	133-164	±10µm
600 - 625mm	133-165	±11µm
625 - 650mm	133-166	±11µm
650 - 675mm	133-167	±11µm
675 - 700mm	133-168	±12µm

Metric	Individual	
Range	Order No.	Accuracy
700 - 725mm	133-169	±12µm
725 - 750mm	133-170	±12µm
750 - 775mm	133-171	±13µm
775 - 800mm	133-172	±13µm
800 - 825mm	133-173	±13µm
825 - 850mm	133-174	±14µm
850 - 875mm	133-175	±14µm
875 - 900mm	133-176	±14µm
900 - 925mm	133-177	±15µm
925 - 950mm	133-178	±15µm
950 - 975mm	133-179	±15µm
975 - 1000mm	133-180	±16µm

Inch	Individual	
Range	Order No.	Accuracy
2" - 3"	133-223	±.00015"
3" - 4"	133-224	±.0002"
4" - 5"	133-225	±.00025"
5" - 6"	133-226	±.00025"
6" - 7"	133-227	±.00025"
7" - 8"	133-228	±.00025"
8" - 9"	133-229	±.00025"
9" - 10"	133-230	±.0003"
10" - 11"	133-231	±.0003"
11" - 12"	133-232	±.0003"

Technical Data

Accuracy: Refer to the list of specifications.
Graduation: 0.01mm or .001"

Optional Accessory

Setting ring (See page 122.)



M&W MAKE

Tubular Inside Micrometer

(0.01mm)



CODE	RANGE	PRICE
IMT 300	50-300 mm	4,800/-
IMT 500	50-500 mm	6,000/-
IMT 1000	50-1000 mm	13,000/-
IMT 1500	50-1500 mm	15,500/-

Inside Micrometer Rod Type

(0.01mm)



CODE	RANGE	PRICE
IMR 50	25-50 mm	4,000/-
IMR 200	50-200 mm	5,200/-
IMR 300	50-300 mm	5,800/-
IMR 12	2" - 12"	6,000/-

Jaw Type Inside Micrometer

(0.01mm)



CODE	RANGE	PRICE
IMJ 30	5-30 mm	2,600/-
IMJ 50	25-50 mm	3,300/-