



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

12	Spherical Anvil Tube Micrometer	Insize Make	Least Count 0.01 mm
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Range	W	C	0 – 25	25 – 50	50-75	75-100
Type			A	A	A	A
Rs.	12	N	2339	2968	4753	5687
Code			3260 – 25A	3260 – 50A	3260 – 75A	3260 – 100A
Catalog			Page No.- 4	Page No.- 4	Page No.- 4	Page No.- 4
Type			B	B	B	B
Code			3260 – 25SA	3260 – 50SA	3260 – 75SA	3260 – 100SA
Rs.	12	N	2339	2968	4824	5770
Calibration Rs.			250	250	250	250
Catalog			Page No.- 4	Page No.- 4	Page No.- 4	Page No.- 4

12 – 1	Cylindrical Anvil Tube Micrometer	Insize Make	Least Count 0.01 mm
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Range	W	C	0 – 25	25 – 50	0 – 25	25 – 50	0 – 25	25 – 50
Type			A	A	B	B	C	D
Rs.	12	N	2933	3422	3142	3524	3142	2891
Code			3261 – 25A	3261 – 50A	3261 – 25BA	3261 – 50BA	3261 – 25CA	3261 – 25DA
Calibration Rs.			250	250	250	250	250	250
Catalog			Page No.- 4	Page No.- 4	Page No.- 4	Page No.- 4	Page No.- 4	Page No.- 4

12 – 2	Digital Cylindrical Anvil Tube Micrometer	Insize Make	Least Count 0.001 mm
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Range	W	C	0 – 25	0 – 25	0 – 25	0 – 25
Type			A	B	C	D
Rs.	6	N	12954	13323	14320	14485
Code			3561 – 25A	3561 – 25BA	3561 – 25CA	3561 – 25DA
Calibration Rs.			250	250	250	250
Catalog			Page No.- 5	Page No.- 5	Page No.- 5	Page No.- 5

12 – 3	Digital Spherical Anvil Tube Micrometer	Insize Make	Least Count 0.001 mm
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Range	W	C	0 – 25	25 – 50	50 – 75	75 – 100
Type			A	A	A	A
Rs.	6	N	13436	14929	16645	18336
Code (3560)			25A	50A	75A	100A
Page No			Page No.- 5	Page No.- 5	Page No.- 5	Page No.- 5
Range			0 – 25	25 – 50	50 – 75	75 – 100
Type			B	B	B	B
Rs.			14837	16541	18529	20389
Code (3560)			25SA	50SA	75SA	100SA
Page No			Page No.- 5	Page No.- 5	Page No.- 5	Page No.- 5



SPECIAL MICROMETERS

- 1) TUBE TYPE : [TYPE - T1] SPHERICAL HARDENED STEEL ANVIL & FLAT CARBIDE SPINDLE FACE.
[TYPE - T2] BOTH ENDS SPHERICAL HARDENED STEEL FACES.

TYPE	RANGE	READING	₹
MMA25 - T1	0 - 25 mm	0.01 mm	2370
MMA25 - T2	0 - 25 mm	0.01 mm	2500
MMA50 - T1	25 - 50 mm	0.01 mm	3080
MMA50 - T2	25 - 50 mm	0.01 mm	3250
MMA75 - T1	50 - 75 mm	0.01 mm	3480
MMA75 - T2	50 - 75 mm	0.01 mm	3550
MMA100 - T1	75 - 100 mm	0.01 mm	3830
MMA100 - T2	75 - 100 mm	0.01 mm	4040

TYPE	RANGE	READING	₹
INA1 - T1	0 - 1"	0.001"	2370
INA1 - T2	0 - 1"	0.001"	2510
INA2 - T1	1" - 2"	0.001"	3080
INA2 - T2	1" - 2"	0.001"	3250
INA3 - T1	2" - 3"	0.001"	3480
INA3 - T2	2" - 3"	0.001"	3550
INA4 - T1	3" - 4"	0.001"	3830
INA4 - T2	3" - 4"	0.001"	4040

- 2) DISC TYPE: ROTATING - HARDENED STEEL MEASURING FACES.

TYPE	RANGE	READING	₹
MMA25 - D	0 - 25 mm	0.01 mm	5130
MMA50 - D	25 - 50 mm	0.01 mm	5950
MMA75 - D	50 - 75 mm	0.01 mm	6370
MMA100 - D	75 - 100 mm	0.01 mm	7430

TYPE	RANGE	READING	₹
INA1 - D	0 - 1"	0.001"	5130
INA2 - D	1" - 2"	0.001"	5950
INA3 - D	2" - 3"	0.001"	6370
INA4 - D	3" - 4"	0.001"	7430

- 3) DISC TYPE: NON - ROTATING - HARDENED STEEL MEASURING FACES.

TYPE	RANGE	READING	₹
MMA25 - ND	0 - 25 mm	0.01 mm	7650
MMA50 - ND	25 - 50 mm	0.01 mm	9200
MMA75 - ND	50 - 75 mm	0.01 mm	9770
MMA100 - ND	75 - 100 mm	0.01 mm	10150

TYPE	RANGE	READING	₹
INA1 - ND	0 - 1"	0.001"	7650
INA2 - ND	1" - 2"	0.001"	9200
INA3 - ND	2" - 3"	0.001"	9770
INA4 - ND	3" - 4"	0.001"	10150

NOTE:

- 1) CALIBRATION CERTIFICATE IS SUPPLIED WITH EACH MICROMETER, TRACEABLE TO NATIONAL LENGTH STANDARDS.
2) PRICES FOR READINGS 0.001mm & 0.0001" ON REQUEST.

Less 15% , With Calibration Certificate

12 – 5	Spherical Anvil Tube Micrometer	Mitutoyo	Make	Least Count 0.01 mm
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Range	W	C	D %	0 – 25	0 – 25	25 – 50	25 – 50
Type				S – F	S – S	S – F	S – S
Rs.	12	N	5	3242	3449	3936	4143
Code				115-115	115-215	115-116	115-216
Catalog				Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7
Range				50 – 75	50 - 75	75 – 100	75 – 100
type				S – F	S – S	S – F	S – S
Rs.				4080	4530	4638	4845
Code				115-117	115-217	115-118	115-218
Catalog				Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7

*** S-F: Spherical anvil and flat spindle, S-S: Spherical anvil and spherical spindle

12 – 6	Cylindrical Anvil Tube Micrometer	Mitutoyo	Make	Least Count 0.01 mm
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Range	W	C	D %	0 – 25	0 – 25	0 – 25	0 – 25	25 – 50	25 – 50
Type				A	B	C	D	A	B
Rs.	12	N	5	3936	3936	4737	4737	4872	4512
Code				115 - 302	115 - 308	115 - 315	115 - 316	115 - 303	115 – 309
Catalog				Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7

12 – 7	Mechanical Counter Model With Spherical Anvil	Mitutoyo	Make	Least Count 0.01 mm
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Range	W	C	D %	0 – 25	0 – 25
Type				S – F	S – S
Rs.	12	N	5	5980	6890
Code				295 – 115	295 – 215
Catalog				Page No.- 8	Page No.- 8

*** S – F : Spherical Anvil And Flat Spindle, S – S : Spherical Anvil And Spherical Spindle

12 – 8	Digital Model With Cylindrical Anvil	Mitutoyo	Make	Least Count 0.001 mm
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Range	W	C	D %	0 – 25	0 – 25	0 – 25	0 – 25
Type				A	B	C	D
Rs.	12	N	5	20930	20930	21677	21677
Code				395 – 261	395 – 262	395 – 263	395 – 264
Catalog				Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7

12 – 9	Digital Model With Spherical Anvil	Mitutoyo	Make	Least Count 0.001 mm
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Range	W	C	D %	0 – 25	0 – 25	25 – 50	25 – 50
Type				S – F	S – S	S – F	S – S
Rs.	12	N	5	19435	20182	20930	20480
Code				395-251	395-271	395-252	395-272
Catalog				Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7
Range				50 – 75	50 - 75	75 – 100	75 – 100
Type				S – F	S – S	S – F	S – S
Rs.				22578	23470	24073	25865

Code			395-253	395-273	395-254	395-274
Catalog			Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7

*** S-F: Spherical anvil and flat spindle, S-S: Spherical anvil and spherical spindle

Ø W – Warranty , C – Certificate , D- Discount

Terms & Conditions –

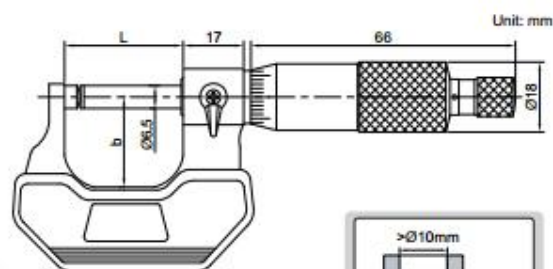
- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & 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

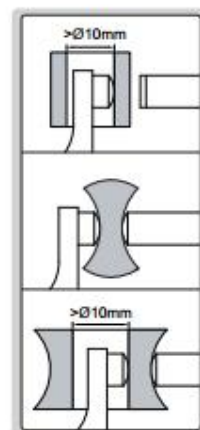
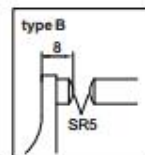
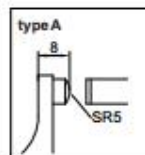
SPHERICAL ANVIL TUBE MICROMETER



3260-25A



Code	Range	Type	Accuracy	L	b
3260-25A	0-25mm	A	4µm	32	24
3260-50A	25-50mm	A	4µm	57	32
3260-75A	50-75mm	A	5µm	82	44.5
3260-100A	75-100mm	A	5µm	107	57
3260-25SA	0-25mm	B	4µm	32	24
3260-50SA	25-50mm	B	4µm	57	32
3260-75SA	50-75mm	B	5µm	82	44.5
3260-100SA	75-100mm	B	5µm	107	57



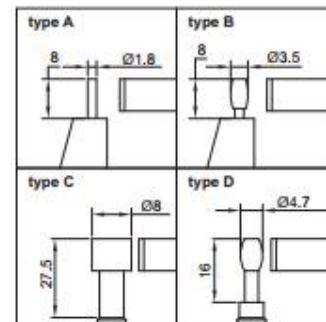
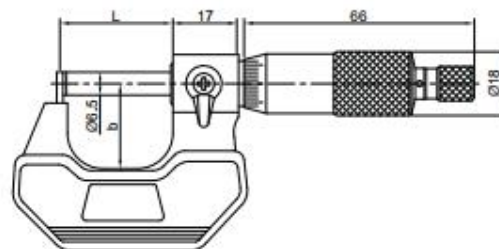
- Measure wall thickness of tubes
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards(except 0-25mm)

CYLINDRICAL ANVIL TUBE MICROMETER

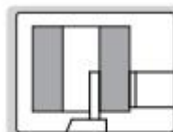
Unit: mm



3261-25A



Code	Range	Type	Accuracy	L	b
3261-25A	0-25mm	A	6μm	31	24
3261-50A	25-50mm	A	6μm	57	32
3261-25BA	0-25mm	B	6μm	31	24
3261-50BA	25-50mm	B	6μm	57	32
3261-25CA	0-25mm	C	6μm	31	24
3261-25DA	0-25mm	D	6μm	31	24



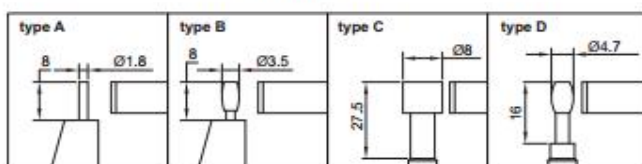
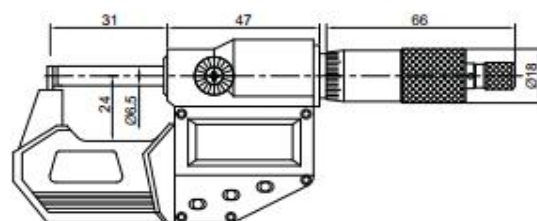
- Measure wall thickness of tubes
- Graduation 0.01mm
- Ratchet stop
- Carbide spindle tip
- Supplied with setting standards(except 0-25mm)

DIGITAL CYLINDRICAL ANVIL TUBE MICROMETER

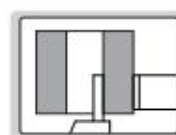
Unit: mm



3561-25A



Code	Range	Type	Accuracy
3561-25A	0-25mm/0-1"	A	±6μm
3561-25BA	0-25mm/0-1"	B	±6μm
3561-25CA	0-25mm/0-1"	C	±6μm
3561-25DA	0-25mm/0-1"	D	±6μm

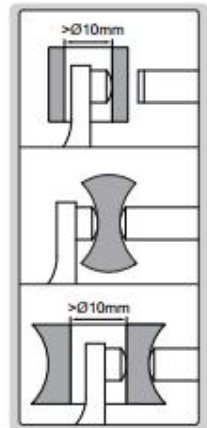
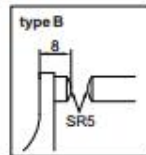
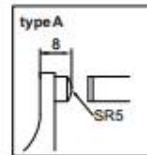
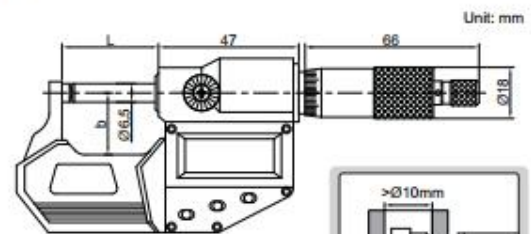


- Measure wall thickness of tubes
- Resolution 0.001mm/0.00005"
- IP54 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC, data output
- RS232 data output
- SR44 or LR44 battery, automatic power off
- Ratchet stop
- Carbide spindle tip
- Supplied with setting standards(except 0-25mm/0-1")
- Optional accessory: SPC cable (page A1-A2)

DIGITAL SPHERICAL ANVIL TUBE MICROMETER



3560-25A



Code	Range	Type	Accuracy	L	b
3560-25A	0-25mm/0-1"	A	$\pm 4\mu\text{m}$	32	24
3560-50A	25-50mm/1-2"	A	$\pm 4\mu\text{m}$	57	32
3560-75A	50-75mm/2-3"	A	$\pm 5\mu\text{m}$	82	44.5
3560-100A	75-100mm/3-4"	A	$\pm 5\mu\text{m}$	107	57
3560-25SA	0-25mm/0-1"	B	$\pm 4\mu\text{m}$	32	24
3560-50SA	25-50mm/1-2"	B	$\pm 4\mu\text{m}$	57	32
3560-75SA	50-75mm/2-3"	B	$\pm 5\mu\text{m}$	82	44.5
3560-100SA	75-100mm/3-4"	B	$\pm 5\mu\text{m}$	107	57

- Measure wall thickness of tubes
- Resolution 0.001mm/0.00005"
- IP54 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC, data output
- RS232 data output
- SR44 or LR44 battery, automatic power off
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards (except 0-25mm/0-1")
- Optional accessory: SPC cable (page A1-A2)

BAKER MAKE

Designed to measure wall thickness of tubing.

Is available in two types of measuring faces (Hardened Steel); i.e.: one end Spherical & both ends Spherical.



Tube Micrometer :

Metric

Inch

One measuring end spherical

Type	Measuring Range	Reading	Type	Measuring Range	Reading
MMT 1-25	0-25 mm	0.01 mm	T-1-IN 1	0-1 inch	0.001 inch
MMT 1-50	25-50 mm		T-1-IN 2	1-2 inch	
MMT 1-75	50-75 mm		T-1-IN 3	2-3 inch	
MMT 1-100	75-100 mm		T-1-IN 4	3-4 inch	

Both measuring ends spherical

Type	Measuring Range	Reading	Type	Measuring Range	Reading
MMT 2-25	0-25 mm	0.01 mm	T-2-IN 1	0-1 inch	0.001 inch
MMT 2-50	25-50 mm		T-2-IN 2	1-2 inch	
MMT 2-75	50-75 mm		T-2-IN 3	2-3 inch	
MMT 2-100	75-100 mm		T-2-IN 4	3-4 inch	

MITUTOYO MAKE

Tube Micrometers

SERIES 395, 295, 115 — Spherical and Cylindrical Anvils

FEATURES

- IP65 water/dust protection (395 series).
- Designed to measure the wall thickness of various tubing.
- The Tube Micrometers have two combinations of measuring faces (carbide-tipped): spherical-flat type, and spherical-spherical type.
- Cylindrical anvils (perpendicular) are also available.
- With Ratchet Stop for constant force.
- With SPC output (series 395).
- With digit counter (series 295).



SPC



IP65

(Refer to the page 9 for details.)

Technical Data

Accuracy: Refer to the list of specifications.
(excluding quantizing error for digital models)
Resolution*: 0.001mm or .00005"/0.001mm
Graduation**: 0.01mm, .001" or .0001"
Flatness: 0.6µm
Display*: LCD
Battery*: SR44 (1 pc.), 938882
Battery life*: Approx. 1.2 years under normal use
Dust/Water protection level*: IP65
*Digital models **Analog models

Spherical Anvil Type



115-115



395-271



115-215

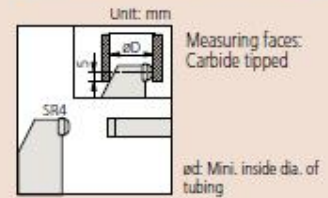
Function of Digital Model

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

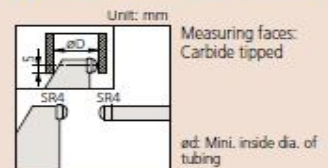
Optional Accessory for Digital Model

05CZA662: SPC cable with data switch (1m)
05CZA663: SPC cable with data switch (2m)

Spherical anvil type



Spherical anvil-spindle type



Cylindrical Anvil Type



395-261

Cylindrical anvil type



SPECIFICATIONS

Metric Digital model with spherical anvil				
Range	Order No.	Accuracy	Remarks	
0 - 25mm	395-251 ^{SF}	±2μm	D: 15mm	
	395-271 ^{SS}	±2μm	D: 15mm	
25 - 50mm	395-252 ^{SF}	±2μm	D: 15mm	
	395-272 ^{SS}	±2μm	D: 15mm	
50 - 75mm	395-253 ^{SF}	±2μm	D: 19mm	
	395-273 ^{SS}	±2μm	D: 19mm	
75 - 100mm	395-254 ^{SF}	±3μm	D: 20mm	
	395-274 ^{SS}	±3μm	D: 20mm	

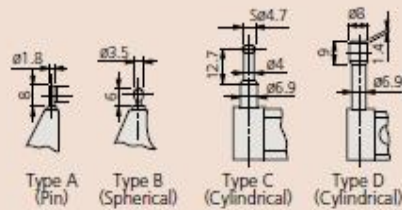
S-F: Spherical anvil and flat spindle
S-S: Spherical anvil and spherical spindle

Inch/Metric Digital model with spherical anvil				
Range	Order No.	Accuracy	Remarks	
0 - 1"	395-351 ^{SF}	±0.001"	D: .59"	
	395-371 ^{SS}	±0.001"	D: .59"	
1" - 2"	395-352 ^{SF}	±0.001"	D: .59"	
	395-372 ^{SS}	±0.001"	D: .59"	
2" - 3"	395-353 ^{SF}	±0.001"	D: .75"	
	395-373 ^{SS}	±0.001"	D: .75"	
3" - 4"	395-354 ^{SF}	±0.0015"	D: .79"	
	395-374 ^{SS}	±0.0015"	D: .79"	

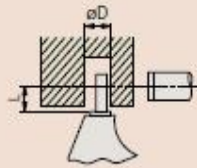
S-F: Spherical anvil and flat spindle
S-S: Spherical anvil and spherical spindle

Metric Digital model with cylindrical anvil				
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Inch/Metric Digital model with cylindrical anvil				
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Type A (Pin) Type B (Spherical) Type C (Cylindrical) Type D (Cylindrical)



ØD: Mini. inside dia. of tubing
Spindle face: Carbide tipped

Anvil	D	L
Type A	2	4
Type B	3.6	4
Type C	4.8	12
Type D	8.2	22

Range	Order No.	Accuracy	Remarks
0 - 25mm	395-261	±3µm	Type A
	395-262	±3µm	Type B
	395-263	±3µm	Type C
	395-264	±3µm	Type D

Metric Mechanical counter model with spherical anvil

Range	Order No.	Accuracy	Remarks
0 - 25mm	295-115 ^{SF}	±3µm	D: 10mm
	295-215 ^{SS}	±3µm	D: 10mm

S-F: Spherical anvil and flat spindle
S-S: Spherical anvil and spherical spindle

Metric With spherical anvil

Range	Order No.	Accuracy	Remarks
0 - 25mm	115-115 ^{SF}	±3µm	D: 10mm
	115-215 ^{SS}	±3µm	D: 10mm
25 - 50mm	115-116 ^{SF}	±3µm	D: 11mm
	115-216 ^{SS}	±3µm	D: 11mm
50 - 75mm	115-117 ^{SF}	±3µm	D: 17mm
	115-217 ^{SS}	±3µm	D: 17mm
75 - 100mm	115-118 ^{SF}	±4µm	D: 18mm
	115-218 ^{SS}	±4µm	D: 18mm

S-F: Spherical anvil and flat spindle
S-S: Spherical anvil and spherical spindle

Metric With cylindrical anvil

Range	Order No.	Accuracy	Remarks
0 - 25mm	115-302	±3µm	Type A
	115-308	±3µm	Type B
	115-315	±3µm	Type C
	115-316	±3µm	Type D
	115-303	±3µm	Type A
25 - 50mm	115-303	±3µm	Type A
	115-309	±3µm	Type B

Range	Order No.	Accuracy	Remarks
0 - 1"	395-362	±.00015"	Type B
	395-363	±.00015"	Type C
	395-364	±.00015"	Type D

Inch Mechanical counter model with spherical anvil

Range	Order No.	Accuracy	Remarks
0 - 1"	295-153 ^{SF} *	±.00015"	D: .40"
	295-253 ^{SS} *	±.00015"	D: .40"

S-F: Spherical anvil and flat spindle
S-S: Spherical anvil and spherical spindle
*.0001" reading is obtained with vernier.

Inch With spherical anvil

Range	Order No.	Accuracy	Remarks
0 - 1"	115-153 ^{SF} *	±.00015"	D: .40"
	115-253 ^{SS} *	±.00015"	D: .40"
1" - 2"	115-242 ^{SS}	±.00015"	D: .44"
2" - 3"	115-243 ^{SS}	±.00015"	D: .67"

S-F: Spherical anvil and flat spindle
S-S: Spherical anvil and spherical spindle
*.0001" reading is obtained with vernier.

Inch With cylindrical anvil

Range	Order No.	Accuracy	Remarks
0 - 1"	115-305	±.00015"	Type A
	115-313*	±.00015"	Type C
	115-314*	±.00015"	Type D

*.0001" reading is obtained with vernier.