

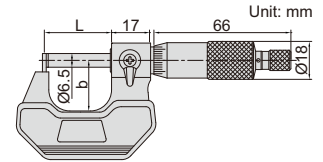
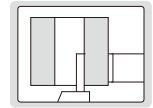
CYLINDRICAL ANVIL TUBE MICROMETERS

5

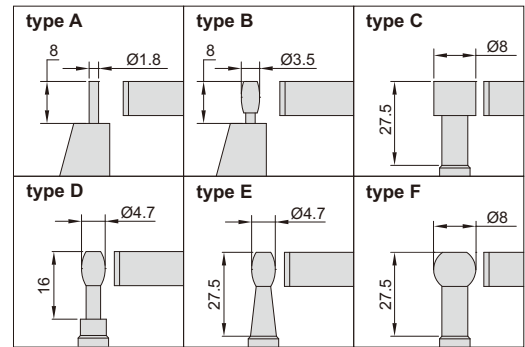
- Measure wall thickness of tubes
- Graduation 0.01mm
- Ratchet stop
- Carbide spindle tip
- Supplied with setting standards (except 0-25mm)



3261-25A



(mm)					
Code	Range	Type	Accuracy	L	b
3261-25A	0-25mm	A	6µm	36	25
3261-50A	25-50mm	A	6µm	61	32
3261-25BA	0-25mm	B	6µm	36	25
3261-50BA	25-50mm	B	6µm	61	32
3261-25CA	0-25mm	C	6µm	36	25
3261-50CA	25-50mm	C	6µm	61	32
3261-25DA	0-25mm	D	6µm	36	25
3261-50DA	25-50mm	D	6µm	61	32
3261-25EA	0-25mm	E	6µm	36	25
3261-50EA	25-50mm	E	6µm	61	32
3261-25FA	0-25mm	F	6µm	36	25
3261-50FA	25-50mm	F	6µm	61	32



DIGITAL CYLINDRICAL ANVIL TUBE MICROMETERS

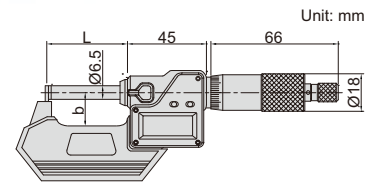
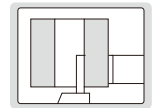
IP65
WATERPROOF

DATA
OUTPUT

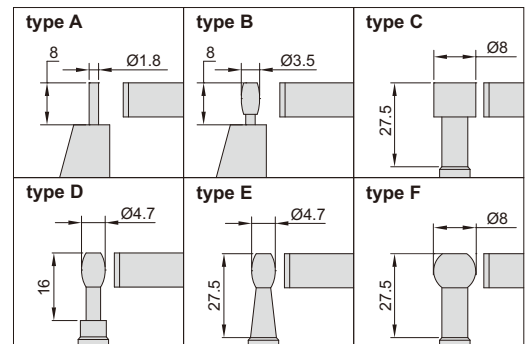
- Measure wall thickness of tubes
- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- Automatic power off
- Ratchet stop
- Carbide spindle tip
- Supplied with setting standards (except 0-25mm/0-1")
- Optional accessory: data output cable (code 7315-30, 7302-30)



3561-25A



(mm)					
Code	Range	Type	Accuracy	L	b
3561-25A	0-25mm/0-1"	A	±6µm	36	25
3561-50A	25-50mm/1-2"	A	±6µm	61	32
3561-25BA	0-25mm/0-1"	B	±6µm	36	25
3561-50BA	25-50mm/1-2"	B	±6µm	61	32
3561-25CA	0-25mm/0-1"	C	±6µm	36	25
3561-50CA	25-50mm/1-2"	C	±6µm	61	32
3561-25DA	0-25mm/0-1"	D	±6µm	36	25
3561-50DA	25-50mm/1-2"	D	±6µm	61	32
3561-25EA	0-25mm/0-1"	E	±6µm	36	25
3561-50EA	25-50mm/1-2"	E	±6µm	61	32
3561-25FA	0-25mm/0-1"	F	±6µm	36	25
3561-50FA	25-50mm/1-2"	F	±6µm	61	32



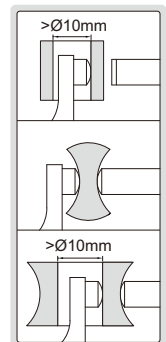
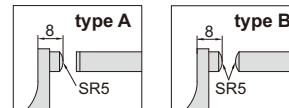
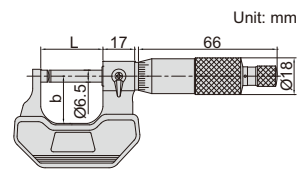
SPHERICAL ANVIL TUBE MICROMETERS

- Meet DIN863-3
- Measure wall thickness of tubes
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards (except 0-25mm)



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



IP65
WATERPROOF

DATA
OUTPUT

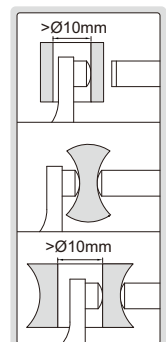
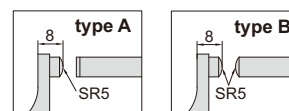
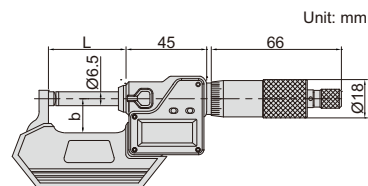
DIGITAL SPHERICAL ANVIL TUBE MICROMETERS

- Measure wall thickness of tubes
- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC, data output
- Data output
- Automatic power off
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards (except 0-25mm/0-1")
- Optional accessory: data output cable (code 7315-30, 7302-30)



3560-25A

Code	Range	Type	Accuracy	L	b
3560-25A	0-25mm/0-1"	A	±4μm	32	24
3560-50A	25-50mm/1-2"	A	±4μm	57	32
3560-75A	50-75mm/2-3"	A	±5μm	82	44.5
3560-100A	75-100mm/3-4"	A	±5μm	107	57
3560-25SA	0-25mm/0-1"	B	±4μm	32	24
3560-50SA	25-50mm/1-2"	B	±4μm	57	32
3560-75SA	50-75mm/2-3"	B	±5μm	82	44.5
3560-100SA	75-100mm/3-4"	B	±5μm	107	57



HIGH PRECISION DIGITAL SPHERICAL ANVIL TUBE MICROMETERS/SNAP GAGES

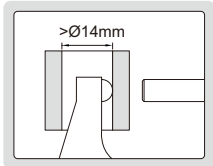
- IP65 WATERPROOF**
- NON-ROTATING SPINDLE**
- ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF**
- ONE TURN OF SLEEVE MAKES 5MM SPINDLE FEED, PRESS THE FORK, THE SPINDLE RETRACTS 3MM**
- MEASUREMENT ACCURACY IS NOT AFFECTED BY THE USE OF SLEEVE**



ATTENTION: RECHARGEABLE BATTERY, FOR 24 HOURS CONTINUOUS WORKING

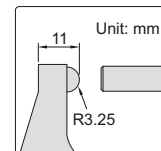
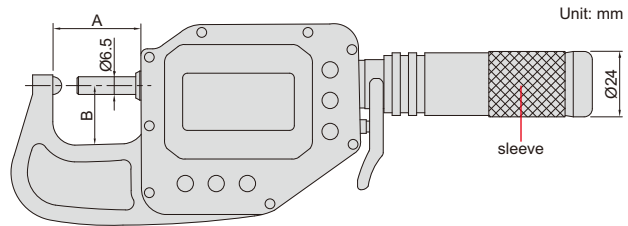
DATA OUTPUT

5



3355-25

- Measure wall thickness of tubes
- Absolute encoder, the original data remains after power off
- Adjustable resolution: 0.0002mm/0.00001"
 - 0.001mm/0.00005"
 - 0.01mm/0.0005"
- One turn of sleeve makes 5mm spindle feed
- Measurement accuracy is not affected by the use of sleeve
- Press the fork, the spindle retracts 3mm
- Linear ball bearings for ten million times use
- Carbide spindle and anvil
- Measuring force 7-10N
 - Customizable measuring force range 2-12N
 - Attention: small measuring force will reduce the dustproof and waterproof level
- Button function: data output, tolerance, data preset, data hold, measuring direction change, max./min./TIR, power off time, on/off, zero, mm/inch, adjust resolution
- Supplied with gage blocks for zero setting (except 0-25mm/0-1")
- Power: rechargeable battery, for 24 hours continuous working



With data interface

Optional accessory:
 wireless transmitter, code **7315-60**, wireless receiver, code **7315-2**, **7315-3**
 data output cable (keyboard format), code **7302-60**
 data output cable (serial port format), code **7305-G60**
 (cable length 3m, optional cable length maximum 15m; RS232 protocol, optional RS485 protocol)

Code	Range	Accuracy	Repeatability	A	B
3355-25 *	0-25mm/0-1"	2µm	1µm	38mm	24mm
3355-50 *	25-50mm/1-2"	2µm	1µm	63mm	25mm
3355-75 *	50-75mm/2-3"	2µm	1µm	88mm	42mm
3355-100 *	75-100mm/3-3.95"	2µm	1µm	113mm	56mm

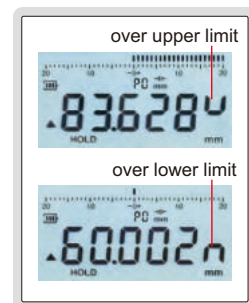
Built-in wireless

Optional accessory:
 wireless receiver (keyboard format), code **2134-R1**
 wireless receiver (serial port format), code **2134-R2**

Code	Range	Accuracy	Repeatability	A	B
3355-25WL*	0-25mm/0-1"	2µm	1µm	38mm	24mm
3355-50WL*	25-50mm/1-2"	2µm	1µm	63mm	25mm
3355-75WL*	50-75mm/2-3"	2µm	1µm	88mm	42mm
3355-100WL*	75-100mm/3-3.95"	2µm	1µm	113mm	56mm

* Supplied with manufacturer inspection certificate

warning when over tolerance



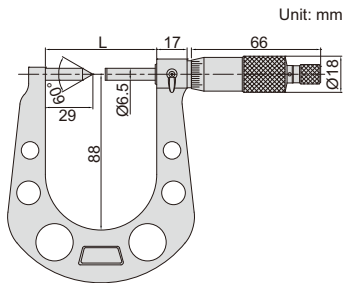
wireless receiver
2134-R1, 2134-R2 (optional)



RELATIVE PRODUCT: DIGITAL DISK BRAKE AND PAD CALIPER
DIGITAL DRUM BRAKE CALIPER (CODE 1162-125A, 1167-150A, 1168-300A)

DISK BRAKE MICROMETERS

5



Unit: mm



3288-33A

- Measure thickness of disk brakes
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards



Code	Range	Accuracy	L
3288-33A	7.6-33mm	5µm	64.5mm
3288-50A	25-50mm	5µm	82mm

RELATIVE PRODUCT: DIGITAL DISK BRAKE AND PAD CALIPER
DIGITAL DRUM BRAKE CALIPER (CODE 1162-125A, 1167-150A, 1168-300A)

DIGITAL DISK BRAKE MICROMETERS

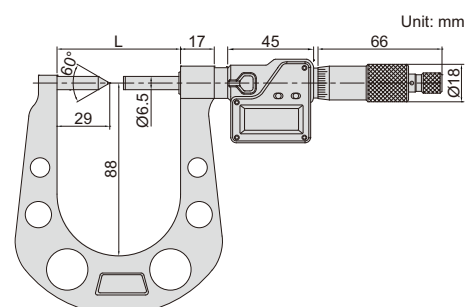
IP65
WATERPROOF

DATA
OUTPUT



3588-33A

- Measure thickness of disk brakes
- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- Automatic power off
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards
- Optional accessory: data output cable (code 7315-30, 7302-30)



Unit: mm

Code	Range	Accuracy	L
3588-33A	7.6-33mm/0.3-1.3"	±5µm	64.5mm
3588-50A	25-50mm/1-2"	±5µm	82mm

IP65
WATERPROOF

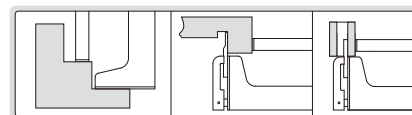
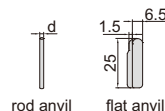
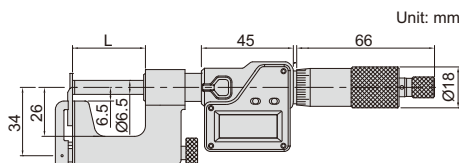
DATA
OUTPUT

DIGITAL INTERCHANGEABLE ANVIL MICROMETERS

- Measure tube thickness, shoulder edge distance, rivet head height, etc.
- Supplied with flat anvil and rod anvil
- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- Automatic power off
- Ratchet stop
- Carbide spindle tip
- Setting standards are included (except 0-25mm/0-1")
- Optional accessory: data output cable (code 7315-30, 7302-30)



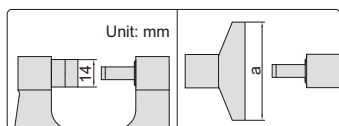
3562-25A



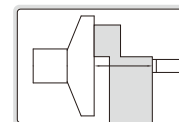
Code	Range	Accuracy	L	d
3562-25A	0-25mm/0-1"	±4µm	28.5mm	Ø3mm
3562-50A	25-50mm/1-2"	±4µm	53.5mm	Ø5mm

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LARGE ANVIL MICROMETERS

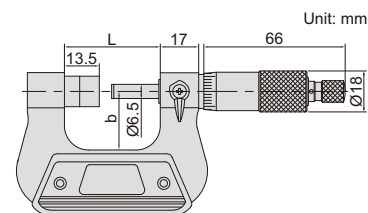


3234-25A



- Graduation 0.01mm
- Ratchet stop
- Supplied with setting standards (except 0-25mm)

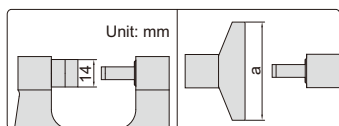
Code	Range	Accuracy	L	a	b
3234-25A	0-25mm	4µm	42mm	50mm	26mm
3234-50A	25-50mm	4µm	67mm	60mm	38mm



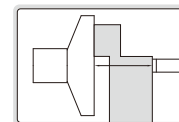
DATA
OUTPUT

IP65
WATERPROOF

DIGITAL LARGE ANVIL MICROMETERS

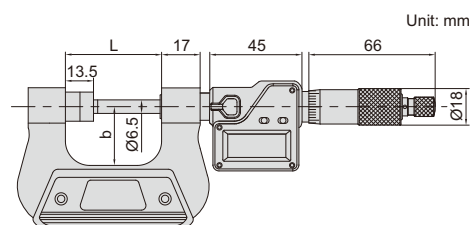


3534-25A



- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- Automatic power off
- Ratchet stop
- Supplied with setting standards (except 0-25mm/0-1")
- Optional accessory: data output cable (code 7315-30, 7302-30)

Code	Range	Accuracy	L	a	b
3534-25A	0-25mm/0-1"	±4µm	42mm	50mm	26mm
3534-50A	25-50mm/1-2"	±4µm	67mm	60mm	38mm



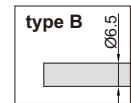
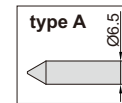
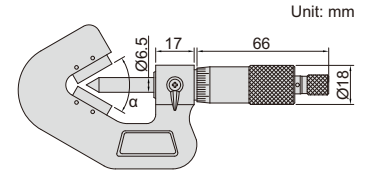
V-ANVIL MICROMETERS

5

- Measure the diameter of parts or cutting tools with odd grooves, such as taps, reamers and end mills
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards



3290-153A



Code	Range	Flutes	Accuracy	α	Type
3290-153A	1-15mm	3	4 μ m	60°	A
3290-203A	5-20mm	3	4 μ m	60°	B
3290-353A	20-35mm	3	5 μ m	60°	B
3290-503A	35-50mm	3	5 μ m	60°	B
3290-653A	50-65mm	3	6 μ m	60°	B
3290-803A	65-80mm	3	6 μ m	60°	B
3290-953A	80-95mm	3	7 μ m	60°	B
3290-255A	5-25mm	5	4 μ m	108°	B

Code	Range	Flutes	Accuracy	α	Type
3290-455A	25-45mm	5	5 μ m	108°	B
3290-655A	45-65mm	5	6 μ m	108°	B
3290-855A	65-85mm	5	7 μ m	108°	B
3290-1055A	85-105mm	5	8 μ m	108°	B
3290-257A	5-25mm	7	4 μ m	128°34'17"	B
3290-457A	25-45mm	7	5 μ m	128°34'17"	B
3290-657A	45-65mm	7	6 μ m	128°34'17"	B
3290-857A	65-85mm	7	7 μ m	128°34'17"	B

DIGITAL V-ANVIL MICROMETERS

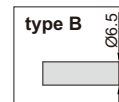
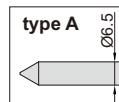
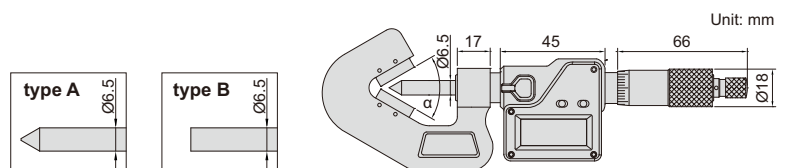
IP65
WATERPROOF

DATA
OUTPUT

- Measure the diameter of parts or cutting tools with odd grooves, such as taps, reamers and end mills
- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- Automatic power off
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards
- Optional accessory: data output cable (code 7315-30, 7302-30)



3590-153A

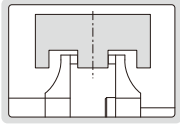


Code	Range	Flutes	Accuracy	α	Type
3590-153A	1-15mm/0.04-0.6"	3	±4 μ m	60°	A
3590-203A	5-20mm/0.2-0.8"	3	±4 μ m	60°	B
3590-353A	20-35mm/0.8-1.4"	3	±5 μ m	60°	B
3590-503A	35-50mm/1.4-2.0"	3	±5 μ m	60°	B
3590-653A	50-65mm/2.0-2.6"	3	±6 μ m	60°	B
3590-803A	65-80mm/2.6-3.2"	3	±6 μ m	60°	B
3590-953A	80-95mm/3.2-3.6"	3	±6 μ m	60°	B
3590-255A	5-25mm/0.2-1.0"	5	±4 μ m	108°	B

Code	Range	Flutes	Accuracy	α	Type
3590-455A	25-45mm/1.0-1.8"	5	±5 μ m	108°	B
3590-655A	45-65mm/1.8-2.6"	5	±6 μ m	108°	B
3590-855A	65-85mm/2.6-3.4"	5	±6 μ m	108°	B
3590-1055A	85-105mm/3.4-4.2"	5	±6 μ m	108°	B
3590-257A	5-25mm/0.2-1.0"	7	±4 μ m	128°34'17"	B
3590-457A	25-45mm/1.0-1.8"	7	±4 μ m	128°34'17"	B
3590-657A	45-65mm/1.8-2.6"	7	±5 μ m	128°34'17"	B
3590-857A	65-85mm/2.6-3.4"	7	±5 μ m	128°34'17"	B

CALIPER TYPE MICROMETERS

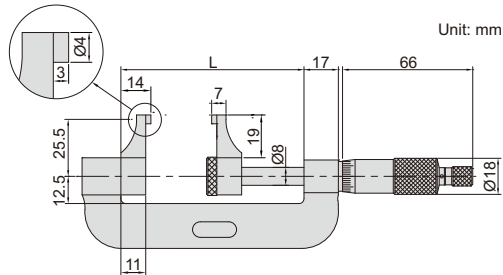
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3238-25

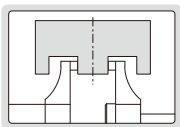
- Graduation 0.01mm
- Non-rotating spindle
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards (except 0-25mm)

Code	Range	Accuracy	L
3238-25	0-25mm	10µm	56mm
3238-50	25-50mm	10µm	81mm
3238-75	50-75mm	11µm	106mm
3238-100	75-100mm	11µm	131mm



DIGITAL CALIPER TYPE MICROMETERS

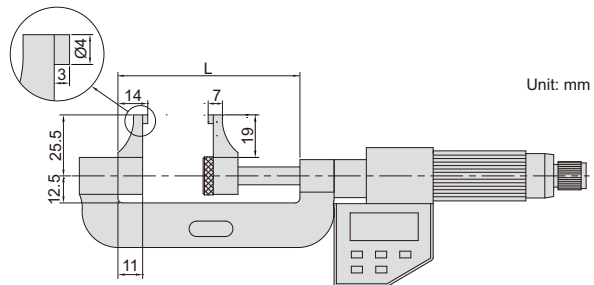
DATA OUTPUT



3538-25

- Resolution: 0.001mm/0.00005"
- Non-rotating spindle
- Buttons: on/off, data set, mm/in, ABS/INC
- Data output
- Automatic power off
- Ratchet friction thimble
- Carbide measuring faces
- Supplied with setting standards (except 0-25mm/0-1")
- Optional accessory: data output cable (code 7315-30, 7302-30)

Code	Range	Accuracy	L
3538-25	0-25mm/0-1"	±10µm	56mm
3538-50	25-50mm/1-2"	±10µm	81mm
3538-75	50-75mm/2-3"	±11µm	106mm
3538-100	75-100mm/3-4"	±11µm	131mm



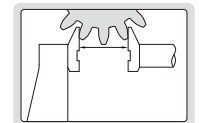
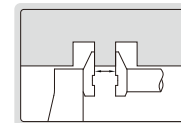
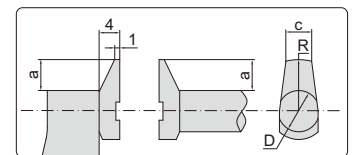
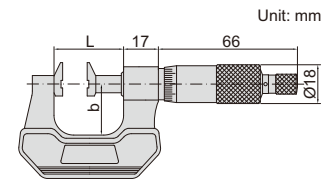
NON-ROTATING SPINDLE

JAW TYPE MICROMETERS



3283-25A

- Graduation 0.01mm
- Non-rotating spindle
- Ratchet stop
- Supplied with setting standards (except 0-25mm)



Code	Range	Accuracy	L	a	b	c	R	D
3283-25A	0-25mm	4µm	34	6	24	5	10	8
3283-50A	25-50mm	4µm	59	6	32	5	10	8
3283-75A	50-75mm	5µm	85	6	45	5	10	8
3283-100A	75-100mm	5µm	110	6	57	5	10	8
3283-125A	100-125mm	6µm	138	9	70	8	15	12
3283-150A	125-150mm	6µm	163	9	82	8	15	12
3283-175A	150-175mm	7µm	188	9	95	8	15	12
3283-200A	175-200mm	7µm	214	9	107	8	15	12

5

DATA OUTPUT

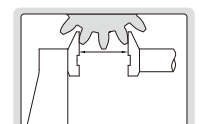
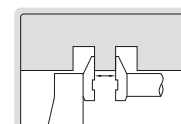
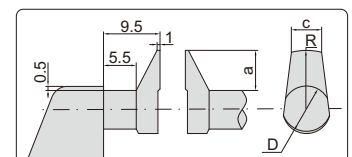
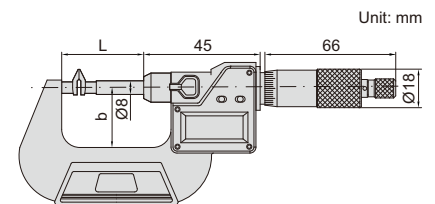
NON-ROTATING SPINDLE

DIGITAL JAW TYPE MICROMETERS



3583-25A

- Resolution 0.001mm/0.00005"
- Non-rotating spindle
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- Automatic power off
- Ratchet stop
- Supplied with setting standards (except 0-25mm/0-1")
- Optional accessory: data output cable (code 7315-30, 7302-30)



Code	Range	Accuracy	L	a	b	c	R	D
3583-25A	0-25mm/0-1"	±4µm	43	6.5	32	5	10	8
3583-50A	25-50mm/1-2"	±4µm	85	6.5	44.5	5	10	8
3583-75A	50-75mm/2-3"	±5µm	110	6.5	57	5	10	8
3583-100A	75-100mm/3-4"	±5µm	135	6.5	70	5	10	8
3583-125A	100-125mm/4-5"	±6µm	160	11.5	86	8	15	12
3583-150A	125-150mm/5-6"	±6µm	186	11.5	94.5	8	15	12
3583-175A	150-175mm/6-7"	±7µm	211	11.5	107	8	15	12
3583-200A	175-200mm/7-8"	±7µm	236	11.5	120	8	15	12

SHEET METAL MICROMETERS

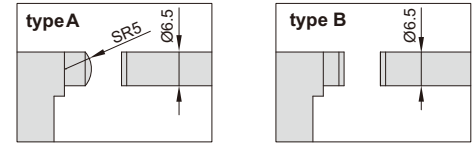
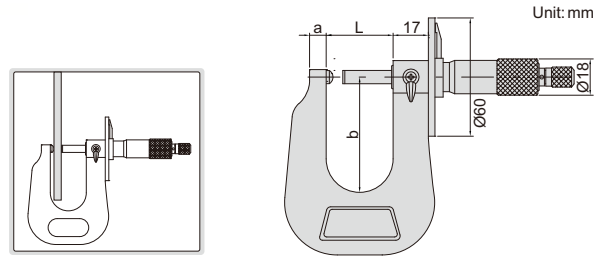
- Meet DIN863-3
- Measure thickness of sheet metal, paper, plastic and rubber parts
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces



3263-25A

(mm)

Code	Range	Type	Accuracy	L	a	b
3263-15A	0-15mm	A	4µm	22	8	50
3263-25A	0-25mm	A	4µm	32	8	50
3263-50A	0-50mm	A	5µm	57	12	100
3263-15B	0-15mm	B	4µm	22	8	50
3263-25B	0-25mm	B	4µm	32	8	50
3263-50B	0-50mm	B	5µm	57	12	100



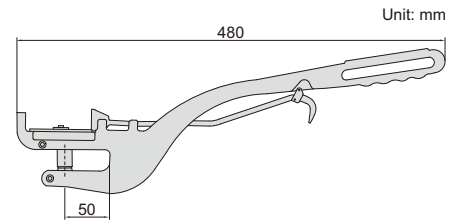
MICROMETERS FOR HOT PLATE

- Measure thickness of hot rolling sheet metal
- Carbide measuring faces
- Supplied with setting standard (except 0-15mm)



3264-15

Code	Range	Graduation	Accuracy
3264-15	0-15mm	0.05mm	0.05mm
3264-30	15-30mm	0.05mm	0.05mm
3264-45	30-45mm	0.05mm	0.05mm
3264-60	45-60mm	0.05mm	0.05mm
3264-75	60-75mm	0.05mm	0.05mm
3264-90	75-90mm	0.05mm	0.05mm
3264-105	90-105mm	0.05mm	0.05mm



HUB MICROMETERS

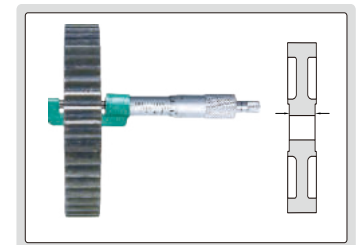
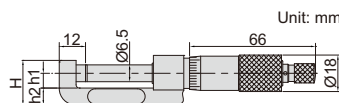
- Meet DIN863-3
- Measure hub thickness and shoulder inside a bore
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards (except 0-25mm)



3292-25

(mm)

Code	Range	Accuracy	h1	h2	H
3292-25	0-25mm	4µm	6	9	18.7
3292-50	25-50mm	4µm	6.5	11	21.2
3292-75	50-75mm	5µm	6.5	11	21.2
3292-100	75-100mm	5µm	6.5	11	21.2

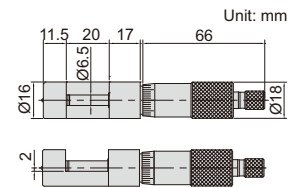


WIRE MICROMETER

- Meet DIN863-3
- Measure diameter of wires and small balls
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces



3285-10



Code	Range	Accuracy
3285-10	0-10mm	4µm

CAN SEAM MICROMETERS



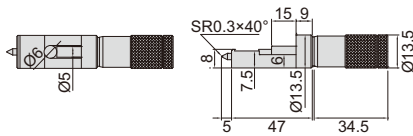
3293-131



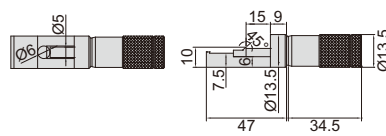
3293-132



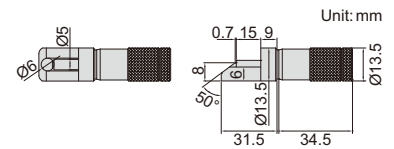
3293-133



3293-131



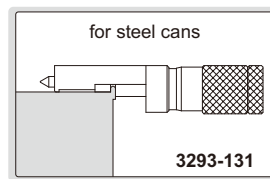
3293-132



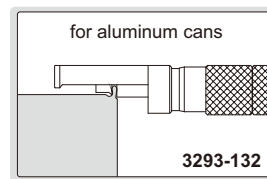
3293-133

- Measure the width, height and depth of can seams
- Graduation 0.01mm

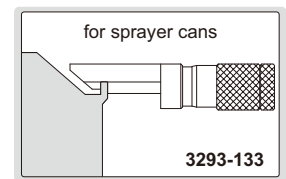
Code	Range	Accuracy
3293-131	0-13mm	4µm
3293-132	0-13mm	4µm
3293-133	0-13mm	4µm



3293-131

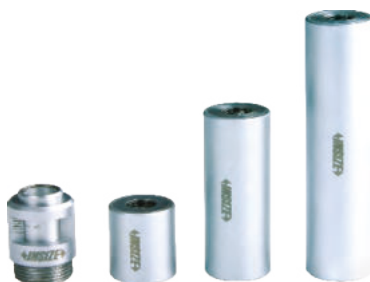


3293-132

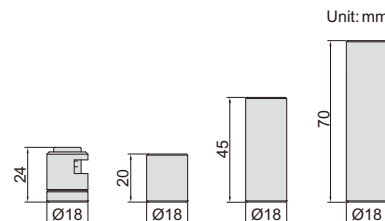


3293-133

MICROMETER MEASURING FORCE DETECTOR



6315



- For outside micrometers 0-25mm/0-1", 25-50mm/1-2", 50-75mm/2-3" and 75-100mm/3-4"

Code	Measuring force
6315	5-12N

OPTICAL PARALLELS

- Check the flatness and parallelism of measuring faces of micrometer
- Flatness of A and B: 0.1µm
- Parallelism between A and B: 0.6µm



4184-41A

Code	Parallels included (b)	ØD	Applicable micrometer
4184-41A	15.62mm, 15.75mm, 15.87mm, 16.00mm	30mm	0-25mm
4184-42A	40.62mm, 40.75mm, 40.87mm, 41.00mm	30mm	25-50mm
4184-43B	65.62mm, 65.75mm, 65.87mm, 66.00mm	40mm	50-75mm
4184-44B	90.62mm, 90.75mm, 90.87mm, 91.00mm	50mm	75-100mm

