

# BLADE MICROMETERS

**INSIZE PLUS**  
MADE IN EUROPE

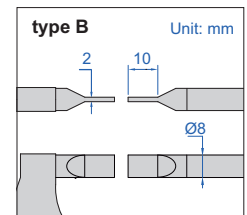
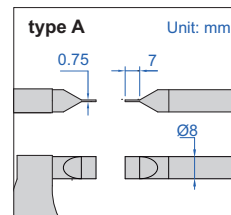
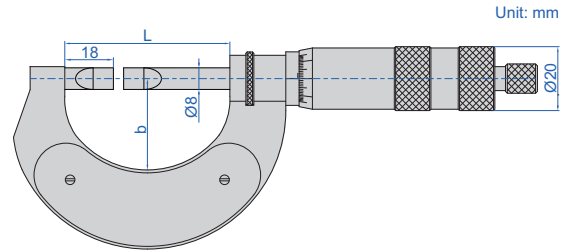
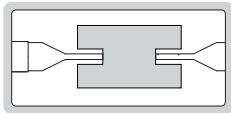


ATTENTION: SETTING STANDARDS ARE NOT INCLUDED

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3650-25A



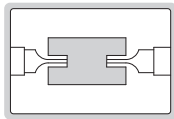
- Meet DIN863-3
- Graduation 0.01mm
- Force: 5-10N
- Optional accessory: setting standards (code 7386)

(mm)

Code	Range	Type	Accuracy	L	b
3650-25A*	0-25mm	A	4µm	62	34
3650-50A*	25-50mm	A	4µm	87	46
3650-75A*	50-75mm	B	5µm	112	60
3650-100A*	75-100mm	B	5µm	139	72
3650-125A*	100-125mm	B	6µm	164	85
3650-150A*	125-150mm	B	6µm	190	97
3650-175A*	150-175mm	B	7µm	215	110
3650-200A*	175-200mm	B	7µm	240	122
3650-225A*	200-225mm	B	8µm	264	135
3650-250A*	225-250mm	B	8µm	290	148
3650-275A*	250-275mm	B	9µm	315	160
3650-300A*	275-300mm	B	9µm	340	174

\*Supplied with manufacturer inspection certificate

**NON-ROTATING SPINDLE**

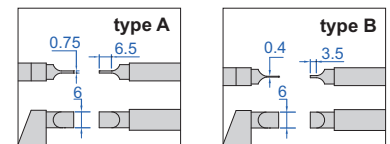
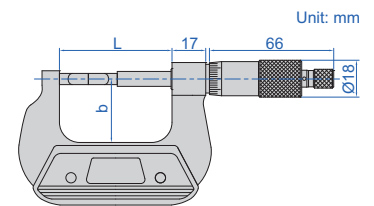


- Meet DIN863-3
- Measure the groove diameter of shafts and keyways
- Graduation 0.01mm
- Non-rotating spindle
- Ratchet stop
- Supplied with setting standards (except 0-25mm)



3232-25A

**BLADE MICROMETERS**



Type A		(mm)		
Code	Range	Accuracy	L	b
3232-25A	0-25mm	4µm	57	32
3232-50A	25-50mm	4µm	82	44.5
3232-75A	50-75mm	5µm	107	57
3232-100A	75-100mm	5µm	132.6	69.5
3232-125A	100-125mm	6µm	158	82
3232-150A	125-150mm	6µm	183.4	94.5
3232-175A	150-175mm	7µm	208.8	107
3232-200A	175-200mm	7µm	234.2	129.6
3232-225A	200-225mm	8µm	259.6	142.3
3232-250A	225-250mm	8µm	285	155
3232-275A	250-275mm	9µm	310.4	167.7
3232-300A	275-300mm	9µm	336.5	177.8

Type B		(mm)		
Code	Range	Accuracy	L	b
3232-25BA	0-25mm	4µm	57	32
3232-50BA	25-50mm	4µm	82	44.5
3232-75BA	50-75mm	5µm	107	57
3232-100BA	75-100mm	5µm	132.6	69.5
3232-125BA	100-125mm	6µm	158	82
3232-150BA	125-150mm	6µm	183.4	94.5
3232-175BA	150-175mm	7µm	208.8	107
3232-200BA	175-200mm	7µm	234.2	129.6
3232-225BA	200-225mm	8µm	259.6	142.3
3232-250BA	225-250mm	8µm	285	155
3232-275BA	250-275mm	9µm	310.4	167.7
3232-300BA	275-300mm	9µm	336.5	177.8

**DIGITAL BLADE MICROMETERS**

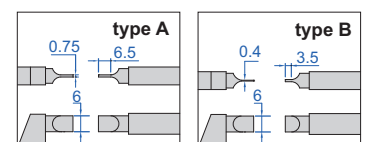
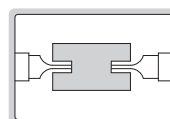
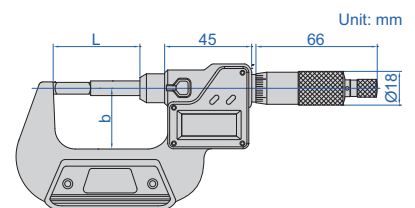
- Measure the groove diameter of shafts and keyways
- Resolution 0.001mm/0.00005"
- Non-rotating spindle
- Button function: on/off, set, mm/inch, data transmit
- Data output
- Automatic power off
- Ratchet stop
- Supplied with setting standards (except 0-25mm/0-1")
- Optional accessory: wireless transmitter code 7315-31 (receiver is needed) page 6, bluetooth transmitter code 7214-31 page 12, data output cable code 7302-31 page 20



3532-25A

**DATA OUTPUT NON-ROTATING SPINDLE**

(mm)					
Code	Range	Type	Accuracy	L	b
3532-25A	0-25mm/0-1"	A	±4µm	57	32
3532-50A	25-50mm/1-2"	A	±4µm	82	44.5
3532-75A	50-75mm/2-3"	A	±5µm	107	57
3532-100A	75-100mm/3-4"	A	±5µm	132.6	69.5
3532-125A	100-125mm/4-5"	A	±6µm	158	82
3532-150A	125-150mm/5-6"	A	±6µm	183.4	94.5
3532-175A	150-175mm/6-7"	A	±7µm	208.8	107
3532-25BA	0-25mm/0-1"	B	±4µm	57	32
3532-50BA	25-50mm/1-2"	B	±4µm	82	44.5
3532-75BA	50-75mm/2-3"	B	±5µm	107	57
3532-100BA	75-100mm/3-4"	B	±5µm	132.6	69.5
3532-125BA	100-125mm/4-5"	B	±6µm	158	82
3532-150BA	125-150mm/5-6"	B	±6µm	183.4	94.5
3532-175BA	150-175mm/6-7"	B	±7µm	208.8	107



## DIGITAL BLADE MICROMETERS/SNAP GAUGES

**ATTENTION: RECHARGEABLE BATTERY, FOR 24 HOURS CONTINUOUS WORKING**

MEASUREMENT ACCURACY IS NOT AFFECTED BY THE USE OF SLEEVE

**IP65**  
WATERPROOF

DATA OUTPUT

ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF

NON-ROTATING SPINDLE

ONE TURN OF SLEEVE MAKES 5MM SPINDLE FEED, PRESS THE FORK, THE SPINDLE RETRACTS 3MM



3352-25A

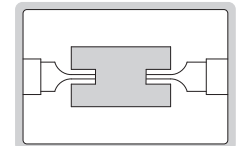
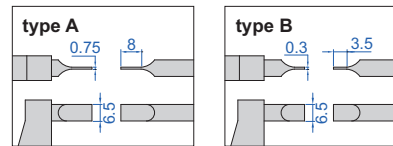
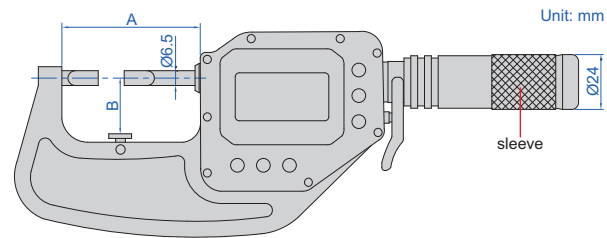


VIDEO

INSPECTION CERTIFICATE

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- Measure the groove diameter of shafts and keyways
- 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 gauge 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 **7315-3350** (receiver is needed) page 7  
data output cable (keyboard format) code **7302-3350** page 21

Code	Range	Type	Accuracy	Repeatability	A	B
3352-25A*	0-25mm/0-1"	A	2µm	1µm	63mm	25mm
3352-50A*	25-50mm/1-2"	A	2µm	1µm	88mm	42mm
3352-75A*	50-75mm/2-3"	A	2µm	1µm	113mm	56mm
3352-25B*	0-25mm/0-1"	B	2µm	1µm	63mm	25mm
3352-50B*	25-50mm/1-2"	B	2µm	1µm	88mm	42mm
3352-75B*	50-75mm/2-3"	B	2µm	1µm	113mm	56mm

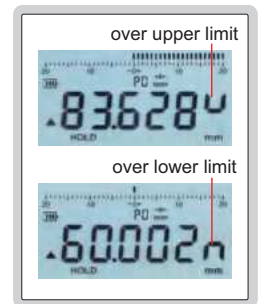
### Built-in wireless

Optional accessory:  
wireless receiver (keyboard format, connect up to 15 digital indicators), code **2134-R1**  
wireless receiver (serial port format, connect up to 15 digital indicators), code **2134-R2**

Code	Range	Type	Accuracy	Repeatability	A	B
3352-25AWL*	0-25mm/0-1"	A	2µm	1µm	63mm	25mm
3352-50AWL*	25-50mm/1-2"	A	2µm	1µm	88mm	42mm
3352-75AWL*	50-75mm/2-3"	A	2µm	1µm	113mm	56mm
3352-25BWL*	0-25mm/0-1"	B	2µm	1µm	63mm	25mm
3352-50BWL*	25-50mm/1-2"	B	2µm	1µm	88mm	42mm
3352-75BWL*	50-75mm/2-3"	B	2µm	1µm	113mm	56mm

\*Supplied with manufacturer inspection certificate

alarm when over tolerance



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



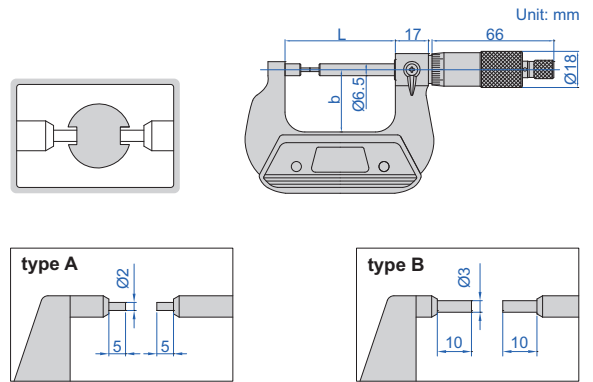
## SPLINE MICROMETERS

- Meet DIN863-3
- Measure splined shafts, slots and keyways
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards (except 0-25mm)



3233-25BA

(mm)					
Code	Range	Type	Accuracy	L	b
3233-25A	0-25mm	A	4μm	57	32
3233-50A	25-50mm	A	4μm	82	44.5
3233-75A	50-75mm	A	5μm	107	57
3233-100A	75-100mm	A	5μm	132.6	69.5
3233-125A	100-125mm	A	6μm	158	82
3233-150A	125-150mm	A	6μm	183.4	94.5
3233-175A	150-175mm	A	7μm	208.8	107
3233-25BA	0-25mm	B	4μm	57	32
3233-50BA	25-50mm	B	4μm	82	44.5
3233-75BA	50-75mm	B	5μm	107	57
3233-100BA	75-100mm	B	5μm	132.6	69.5
3233-125BA	100-125mm	B	6μm	158	82
3233-150BA	125-150mm	B	6μm	183.4	94.5
3233-175BA	150-175mm	B	7μm	208.8	107



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## DIGITAL SPLINE MICROMETERS

- Measure splined shafts, slots and keyways
- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, data transmit
- Data output
- Automatic power off
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards (except 0-25mm/0-1")
- Optional accessory:
  - wireless transmitter code **7315-31** (receiver is needed) page 6,
  - bluetooth transmitter code **7214-31** page 12,
  - data output cable code **7302-31** page 20

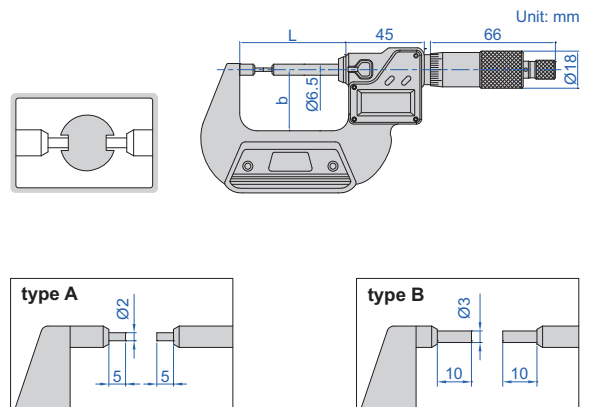
**IP65**  
WATERPROOF

**DATA**  
OUTPUT



3533-25BA

(mm)					
Code	Range	Type	Accuracy	L	b
3533-25A	0-25mm/0-1"	A	±4μm	57	32
3533-50A	25-50mm/1-2"	A	±4μm	82	44.5
3533-75A	50-75mm/2-3"	A	±5μm	107	57
3533-100A	75-100mm/3-4"	A	±5μm	132.6	69.5
3533-125A	100-125mm/4-5"	A	±6μm	158	82
3533-150A	125-150mm/5-6"	A	±6μm	183.4	94.5
3533-175A	150-175mm/6-7"	A	±7μm	208.8	107
3533-25BA	0-25mm/0-1"	B	±4μm	57	32
3533-50BA	25-50mm/1-2"	B	±4μm	82	44.5
3533-75BA	50-75mm/2-3"	B	±5μm	107	57
3533-100BA	75-100mm/3-4"	B	±5μm	132.6	69.5
3533-125BA	100-125mm/4-5"	B	±6μm	158	82
3533-150BA	125-150mm/5-6"	B	±6μm	183.4	94.5
3533-175BA	150-175mm/6-7"	B	±7μm	208.8	107



## DIGITAL SPLINE MICROMETERS/SNAP GAUGES

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

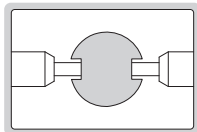
NON-ROTATING SPINDLE

ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF

IP65 WATERPROOF

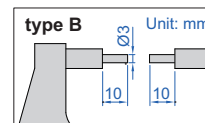
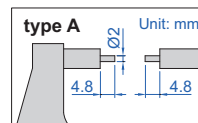
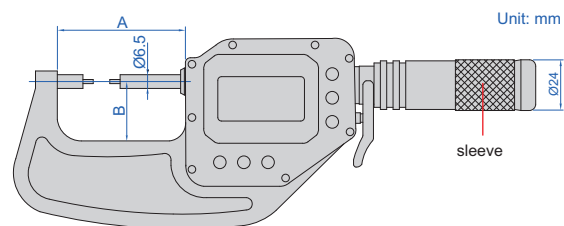
ATTENTION: RECHARGEABLE BATTERY, FOR 24 HOURS CONTINUOUS WORKING

DATA OUTPUT



3356-25

- Measure splined shafts, slots and keyways
- 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 gauge blocks for zero setting (except 0-25mm/0-1")
- Power: rechargeable battery, for 24 hours continuous working



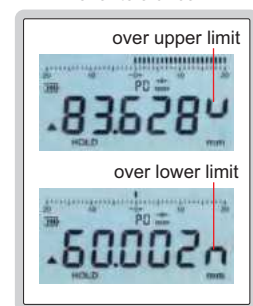
### With data interface

Optional accessory:

wireless transmitter code **7315-3350** (receiver is needed) page 7  
data output cable (keyboard format) code **7302-3350** page 21

Code	Range	Accuracy	Type	Repeatability	A	B
<b>3356-25 *</b>	0-25mm/0-1"	2µm	A	1µm	63mm	25mm
<b>3356-50 *</b>	25-50mm/1-2"	2µm	A	1µm	88mm	42mm
<b>3356-75 *</b>	50-75mm/2-3"	2µm	A	1µm	113mm	56mm
<b>3356-25B *</b>	0-25mm/0-1"	2µm	B	1µm	63mm	25mm
<b>3356-50B *</b>	25-50mm/1-2"	2µm	B	1µm	88mm	42mm
<b>3356-75B *</b>	50-75mm/2-3"	2µm	B	1µm	113mm	56mm

alarm when over tolerance



### Built-in wireless

Optional accessory:

wireless receiver (keyboard format, connect up to 15 digital indicators), code **2134-R1**  
wireless receiver (serial port format, connect up to 15 digital indicators), code **2134-R2**

Code	Range	Accuracy	Type	Repeatability	A	B
<b>3356-25WL *</b>	0-25mm/0-1"	2µm	A	1µm	63mm	25mm
<b>3356-50WL *</b>	25-50mm/1-2"	2µm	A	1µm	88mm	42mm
<b>3356-75WL *</b>	50-75mm/2-3"	2µm	A	1µm	113mm	56mm
<b>3356-25BWL *</b>	0-25mm/0-1"	2µm	B	1µm	63mm	25mm
<b>3356-50BWL *</b>	25-50mm/1-2"	2µm	B	1µm	88mm	42mm
<b>3356-75BWL *</b>	50-75mm/2-3"	2µm	B	1µm	113mm	56mm

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



\* Supplied with manufacturer inspection certificate