

HIGH PRECISION NON-ROTATING SPINDLE DIGITAL MICROMETERS

INSIZE PLUS
MADE IN GERMANY

NON-ROTATING
SPINDLE

STROKE
30mm

DATA
OUTPUT

ATTENTION: SETTING
STANDARDS ARE NOT INCLUDED

IP65
WATERPROOF

QUICK MEASUREMENT
ONE TURN OF SLEEVE OR RATCHET
STOP MAKES 2MM SPINDLE FEED

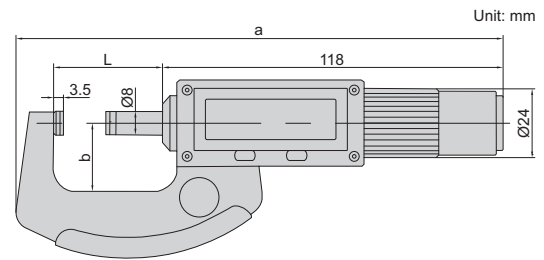
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- Resolution: 0.01mm/0.0005", 0.001mm/0.00005", 0.0005mm/0.00002"
- Repeatability: 0.5µm
- Measuring force: 5-10N
- Flatness of measuring faces: 0.3µm
- Parallelism of measuring faces: 0.5µm
- Ratchet stop
- Non-rotating spindle, suitable for cylinders
- Quick measurement: one turn of sleeve or ratchet stop makes 2mm spindle feed
- Carbide measuring faces
- Data output
- Button function: mm/inch, max./min. value tracking, preset value, hold, on/off, zero
- CR2032 battery
- Automatic power off, turn the sleeve to turn on
- Optional accessory: setting standards (code 7386), data output cable (code 7305-A03, 7305-SPC4)



3661-30

Code	Range	Accuracy	L	a	b
3661-30	0-30mm/0-1.18"	±2µm	38	169	24
3661-55	25-55mm/.98-2.17"	±2µm	63	195	30.5
3661-80	50-80mm/1.97-3.15"	±3µm	88	228	44
3661-105	75-105mm/2.95-4.13"	±3µm	113	257	57
3661-130	100-130mm/3.94-5.12"	±3µm	138	289	70
3661-155	125-155mm/4.92-6.1"	±3µm	163	315	83
3661-180	150-180mm/5.91-7.09"	±4µm	188	340	96
3661-205	175-205mm/6.89-8.07"	±4µm	213	363	109



Unit: mm

INDICATING MICROMETER

INSIZE PLUS
MADE IN GERMANY

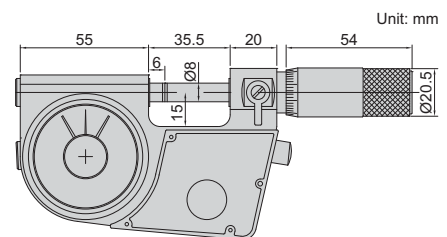
ATTENTION: SETTING
STANDARDS ARE NOT INCLUDED

INSPECTION
CERTIFICATE
TRACEABLE TO DKD



3333-25

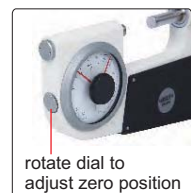
- Meet DIN863-3
- Carbide measuring faces
- The dial can be rotated
- Measuring force 5-10N
- Optional accessory: gage blocks grade 0 (4101-A series), for zero setting



Unit: mm

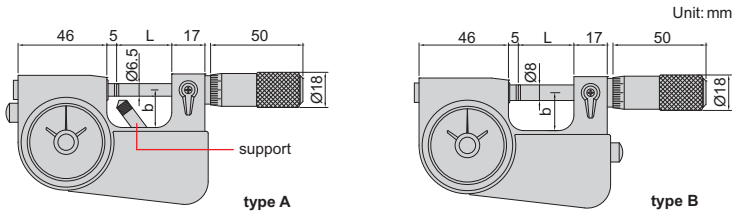
Code	Micrometer head			Dial indicator		
	Range	Graduation	Accuracy	Range	Graduation	Accuracy
3333-25 *	0-25mm	0.01mm	4µm	±0.07mm	1µm	±1µm

* Supplied with manufacturer inspection certificate traceable to DKD Germany



INDICATING MICROMETERS

ATTENTION: SETTING STANDARDS ARE NOT INCLUDED



- Meet DIN863-3
- Micrometer head graduation: 0.002mm
- Dial indicator: range ± 0.04 mm, graduation 0.001mm, accuracy 0.001mm
- Carbide measuring faces
- Optional accessory: gage blocks grade 0 (4101-A series), for zero setting



3332-25



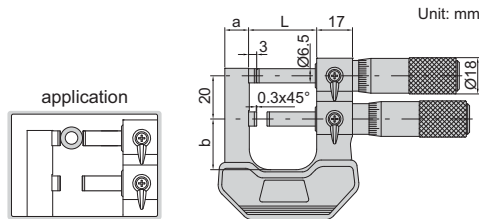
3332-25B

Code	Micrometer head range	Micrometer head accuracy	Type	L	b	Remark
3332-25	0-25mm	4 μ m	A	28.5	19	with support
3332-50	25-50mm	4 μ m	A	53.5	30	with support
3332-75	50-75mm	5 μ m	A	78.5	45	without support
3332-100	75-100mm	5 μ m	A	103.5	57	without support
3332-25B	0-25mm	4 μ m	B	28.5	19	without support

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LIMIT MICROMETERS

- Used as Go/No-Go gauge by setting upper and lower limits
- Graduation 0.002mm
- Carbide measuring faces
- Supplied with setting standard (except 0-25mm)



3235-25A

Code	Range	Accuracy	L	a	b
3235-25A	0-25mm	4 μ m	32mm	12mm	24mm
3235-50A	25-50mm	4 μ m	57mm	15mm	32mm

ATTENTION: NOT SUITABLE FOR 0.001MM INDICATORS

MICROMETERS WITH DIAL INDICATOR

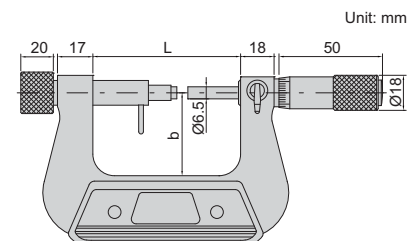
- Meet DIN863-3
- Micrometer head graduation 0.01mm
- Anvil retracting range: 8mm
- Carbide measuring faces
- Supplied with setting standards (except 0-25mm)
- Optional accessory: dial indicators (graduation 0.01mm), digital indicators (resolution 0.01mm/0.0005")



dial indicator is optional

3331-25A

Code	Micrometer head range	Micrometer head accuracy	L	b
3331-25A	0-25mm	4 μ m	67mm	38mm
3331-50A	25-50mm	4 μ m	92.4mm	50mm
3331-75A	50-75mm	5 μ m	117.6mm	62mm
3331-100A	75-100mm	5 μ m	143mm	70mm
3331-125A	100-125mm	6 μ m	168.2mm	82mm
3331-150A	125-150mm	6 μ m	192mm	94.5mm
3331-175A	150-175mm	7 μ m	217mm	107mm



DIAL SNAP GAGES

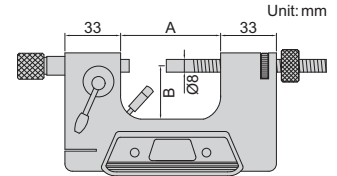
- Quick measurement for mass production
- Anvil retracting stroke: 3mm
- Measuring force: 6-9N
- Carbide measuring faces
- Optional accessory: dial indicators (graduation 0.01mm), digital indicators (resolution 0.01mm/0.0005")



dial indicator is optional

2184-50W

ATTENTION: NOT SUITABLE FOR 0.001MM INDICATORS



Unit: mm

Code	Range	A	B
2184-25W	0-25mm	34mm	18mm
2184-50W	0-50mm	62mm	32mm
2184-100W	50-100mm	112mm	62mm
2184-150W	100-150mm	162mm	85mm
2184-200W	150-200mm	212mm	110mm

DIAL SNAP GAGES (ECONOMIC TYPE)

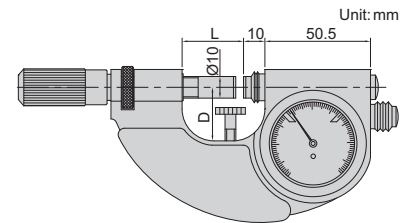
- Quick measurement for mass production
- Dial indicator: range ± 0.04 mm, graduation 0.001mm, accuracy 0.001mm
- IP54 dust/waterproof
- Measuring force: 5-10N
- Carbide measuring faces
- Optional accessory: gage blocks grade 0 (4101-A series), for zero setting



3334-25

IP54 WATERPROOF

ATTENTION: SETTING STANDARDS ARE OPTIONAL



Unit: mm

Code	Range	L	D
3334-25	0-25mm	28.5mm	25mm
3334-50	25-50mm	53.5mm	35mm
3334-75	50-75mm	78.5mm	47.5mm
3334-100	75-100mm	103.5mm	60mm

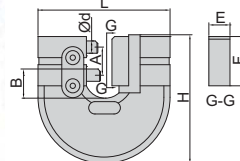
FAST AND ACCURATE MEASUREMENT FOR CYLINDERS

ADJUSTABLE SNAP GAGES

- Used as Go/No-Go gage by setting upper and lower limits
- Flatness of anvil: 1.5 μ m
- Parallelism of measuring faces: range 0-32mm: 3 μ m range 32-89mm: 4 μ m range 89-300mm: 5 μ m



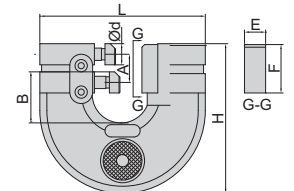
2187-6



0-6mm



2187-19



over 6mm

Code	Range	L	A	B	E	F	H	$\varnothing d$
2187-6	0-6mm	74	15	17.5	12.2	27.2	71.5	7
2187-13	6-13mm	85	15	26	12.2	27.2	79.5	12.3
2187-19	13-19mm	93	15	27	12.2	27.2	83	12.3
2187-25	19-25mm	100	15	33.5	12.2	27.2	89.5	12.3
2187-32	25-32mm	111	18	38.5	15.2	35.2	104	15.3
2187-38	32-38mm	117	18	41.5	15.2	35.2	105	15.3
2187-44	38-44mm	123	18	44.5	15.2	35.2	109	15.3
2187-51	44-51mm	130	18	48	15.2	35.2	117	15.3
2187-57	51-57mm	136	18	45	15.2	35.2	119	15.3
2187-63	57-63mm	143	18	50	15.2	35.2	122	15.3
2187-70	63-70mm	156	20	58	15.2	35.2	132	15.3
2187-76	70-76mm	163	20	60.5	15.2	35.2	137	15.3
2187-82	76-82mm	169	20	64.5	15.2	35.2	140	15.3
2187-89	82-89mm	175	20	66.5	15.2	35.2	146	15.3
2187-95	89-95mm	181	20	69.5	15.2	35.2	149	15.3
2187-101	95-101mm	188	20	70	15.2	35.2	154	15.3
2187-108	101-108mm	198	24	79	15.2	39.2	166	15.3
2187-114	108-114mm	204	24	81	15.2	39.2	172	15.3

(mm)

Code	Range	L	A	B	E	F	H	$\varnothing d$
2187-120	114-120mm	210	24	86	15.2	39.2	179	15.3
2187-127	120-127mm	217	24	89.5	15.2	39.2	186	15.3
2187-133	127-133mm	223	24	92.5	15.2	39.2	192	15.3
2187-139	133-139mm	229	24	95.5	15.2	39.2	197	15.3
2187-146	139-146mm	235	24	98.5	15.2	39.2	201	15.3
2187-152	146-152mm	242	24	102	15.2	39.2	205	15.3
2187-163	152-163mm	273	21.4	106.7	18.2	39.2	211	18.3
2187-175	163-175mm	273	21.4	106.7	18.2	39.2	211	18.3
2187-188	175-188mm	298.5	21.4	119.7	18.2	39.2	227	18.3
2187-200	188-200mm	298.5	21.4	119.7	18.2	39.2	227	18.3
2187-213	200-213mm	324	21.4	131.7	18.2	39.2	242	18.3
2187-225	213-225mm	324	21.4	131.7	18.2	39.2	242	18.3
2187-238	225-238mm	349.5	21.4	144.7	18.2	39.2	250	18.3
2187-250	238-250mm	349.5	21.4	149	18.2	39.2	250	18.3
2187-263	250-263mm	375.5	21.4	157.7	18.2	39.2	278	18.3
2187-275	263-275mm	375.5	21.4	157.7	18.2	39.2	278	18.3
2187-288	275-288mm	400	21.4	170.7	18.2	39.2	291	18.3
2187-300	288-300mm	400	21.4	170.7	18.2	39.2	291	18.3