

LINEAR BALL BEARINGS  
FOR TEN MILLION TIMES USE

ABSOLUTE ENCODER, THE ORIGINAL  
DATA REMAINS AFTER POWER OFF

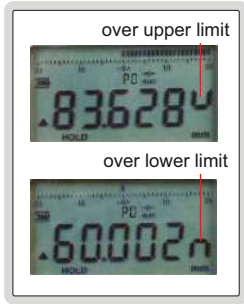
# HIGH PRECISION DIGITAL INDICATORS

DATA  
OUTPUT

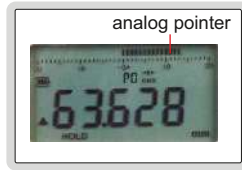
ATTENTION: RECHARGEABLE BATTERY,  
FOR 24 HOURS CONTINUOUS WORKING

**INSPECTION  
CERTIFICATE**  
TRACEABLE TO NIST

warning when  
over tolerance



analog pointer



2133-10

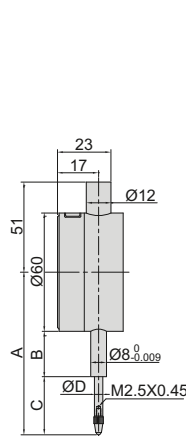


2133-25

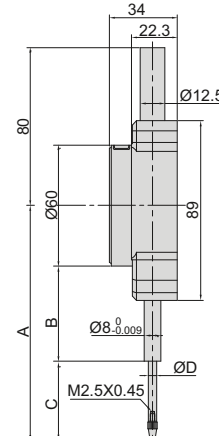


2133-50

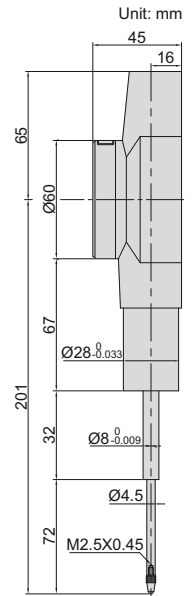
- Linear ball bearings for ten million times use
- Absolute encoder, the original data remains after power off
- Reading in digital and analog
- Data output
- Button function: data output, tolerance, data preset, data hold, measuring direction change, max./min./TIR, power off time, on/off, mm/inch, adjust resolution
- Power: rechargeable battery, for 24 hours continuous working
- Optional accessory: contact points (page 161~163) wireless transmitter, code **7315-60** 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)



2133-10  
2133-101



2133-25  
2133-251



2133-50

## Low precision

Carbide probe

Adjustable resolution: 0.0005mm/0.00002"  
0.001mm/0.00005"  
0.01mm/0.0005"

(mm)

Code	Range	Accuracy	Hysteresis	A	B	C	ØD	Remark
2133-10*	12.7mm/0.5"	3µm	1.5µm	75.4	20.6	24.8	5	flat back
2133-25*	25.4mm/1"	3µm	1.5µm	109.5	38.5	41	5	flat back
2133-50*	50.8mm/2"	3µm	1.5µm	—	—	—	—	flat back

## High precision

Ruby probe

Adjustable resolution: 0.0002mm/0.00001"  
0.001mm/0.00005"  
0.01mm/0.0005"

(mm)

Code	Range	Accuracy	Hysteresis	A	B	C	ØD	Remark
2133-101*	12.7mm/0.5"	1.5µm	1µm	77.4	26	21.4	4	flat back
2133-251*	25.4mm/1"	1.8µm	1µm	116.1	42.5	44	4	flat back

\* Supplied with manufacturer inspection certificate traceable to NIST USA

spindle lift knob is included



max./min./TIR

