

Calipers

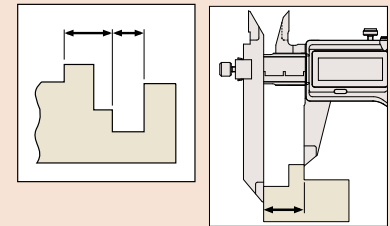
ABSOLUTE Digimatic Offset Caliper SERIES 573

ABSOLUTE™



- The beam-mounted jaw can be adjusted to facilitate measurement of stepped sections.

Measurement example



573-602-20

SPECIFICATIONS

Metric		Digimatic model		
Code No.	Range (mm)	Resolution (mm)	Maximum permissible error (mm)*2	
			EMPE	SMPE
573-601-20	0 - 150	0.01	±0.02	±0.04
573-611-20*1	0 - 150			
573-602-20	0 - 200			
573-612-20*1	0 - 200		±0.03	±0.05
573-604-20	0 - 300			
573-614-20*1	0 - 300			

Inch / Metric		Digimatic model		
Code No.	Range	Resolution	Maximum permissible error*2	
			EMPE	SMPE
573-701-20	0 - 6 in/0 - 150 mm	0.0005 in/0.01 mm	±0.001 in/±0.02 mm	±0.002 in/±0.04 mm
573-702-20	0 - 8 in/0 - 200 mm			
573-704-20	0 - 12 in/0 - 300 mm		±0.0015 in/±0.03 mm	±0.0025 in/±0.05 mm

- Dust/Water protection level: IP67 (IEC 60529)*3
- Power source: SR44 battery (1 pc.), **938882** included as standard (for operational checks)
- Battery life: Approx. 5 years under normal use
- Position detection method: ABSOLUTE electromagnetic induction linear encoder
- Response speed: Unlimited
- *1 Without thumb roller
- *2 The Partial Surface Contact Error (EMPE) and Shift Error (SMPE) are terms defined by ISO 13385-1:2019.
- *3 Rustproofing shall be applied after use if caliper was in contact with coolant.

Optional Accessories

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type IT-020U
05CZA624	A	Connection cable for IT/DP/MUX (1 m)
05CZA625	A	Connection cable for IT/DP/MUX (2 m)
06AFM380A	A	USB Input Tool Direct (2 m)
02AZD730G	IP67	U-WAVE-T
02AZD880G	Buzzer	U-WAVE-T
02AZE200	—	U-WAVE-T mounting bracket
02AZD790A	A	Connection cable for U-WAVE-T (160 mm)
02AZE140A	A	Connection cable for U-WAVE-T For foot switch
264-620	IP67	U-WAVE-TC
264-621	Buzzer	U-WAVE-TC
264-624	IP67	U-WAVE-TCB
264-625	Buzzer	U-WAVE-TCB
02AZF310	IP67	Connecting unit for U-WAVE-TC/TCB

DIMENSIONS

Unit: mm

Digimatic model

Code No.	Model	Range (mm)	A	B	C	D	G	H	N	W	t
573-601-20	Digimatic model	0 - 150	16.5	21	14.6	40	10	16	(18)	95	3.5
573-602-20		0 - 200	20	24.5	18.1	50			(4.5)		
573-604-20		0 - 300	22	27.5	19.8	64			(23.5)		