

# Micrometer



Dust- and Water-Protected  
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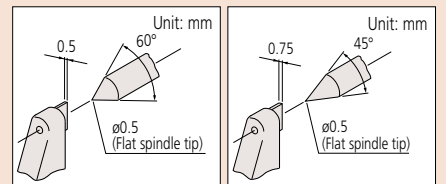


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## Measurement example



## Anvil and spindle tip detail



342-271-30, 342-371-30 342-451-20

## Optional Accessories

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type <b>IT-020U</b>
05CZA662	B	Connection cable (1 m)
05CZA663	B	Connection cable (2 m)
06AFM380B	B	USB Input Tool Direct (2 m)
02AZD730G	IP67	<b>U-WAVE-T</b>
02AZD880G	Buzzer	<b>U-WAVE-T</b>
02AZE200	—	<b>U-WAVE-T</b> mounting bracket
02AZD790B	B	Connection cable for <b>U-WAVE-T</b> (160 mm)
02AZE140B	B	Connection cable for <b>U-WAVE-T</b> For foot switch
264-622	IP67	<b>U-WAVE-TM*</b>
264-623	Buzzer	<b>U-WAVE-TM*</b>
264-626	IP67	<b>U-WAVE-TMB*</b>
264-627	Buzzer	<b>U-WAVE-TMB*</b>
02AZF310	IP67	Connecting unit for <b>U-WAVE-TM/TMB*</b>

\* 342-271-30 and 342-371-30 can be attached.  
Not available for 342-451-20.

## Crimp Height Micrometers SERIES 342

- Measures the height of crimp contacts.
- Point spindle
- IP65 water/dust protection (Digimatic model).
- Equipped with Ratchet Stop for constant measuring force.



Digimatic  
342-271-30



Quickmike type  
342-451-20

## SPECIFICATIONS

Metric			
Code No.	Range (mm)	Resolution (mm)	Maximum permissible error $J_{MPE}$ (μm)
Digimatic			
342-271-30	0 - 20	0.001	±3
Quickmike			
342-451-20	0 - 15	0.001	±3

Inch/Metric			
Code No.	Range (in)	Resolution	Maximum permissible error $J_{MPE}$ (in)
Digimatic			
342-371-30	0 - 0.8	0.00005 in/ 0.001 mm	±0.00015

- Power source: SR44 battery (1 pc.), **938882** included as standard (for operational checks)
  - Battery life: Approx. 2.4 years under normal use (for **342-271-30/342-371-30**)  
Approx. 5 years under normal use (for **342-451-20**)
  - Position detection method: Electromagnetic rotary sensor (for **342-271-30/342-371-30**)  
Electrostatic capacity absolute sensor (for **342-451-20**)
  - Standard accessories: Spanner (**301336**), 1 pc. (except for **342-451-20**)
- Note: For functional details, refer to page 02-7.  
Optional connection cable is available only for water-proof type (Digimatic model).

## DIMENSIONS

