

# Micrometer

## Point Micrometers SERIES 342

- Ideal tool for measuring drill web diameters, small grooves and other hard-to-reach points.
- The measuring points (carbide tipped) have approximately 0.3 mm radius.
- IP65 Digimatic micrometers.
- Equipped with Ratchet Stop for constant measuring force.



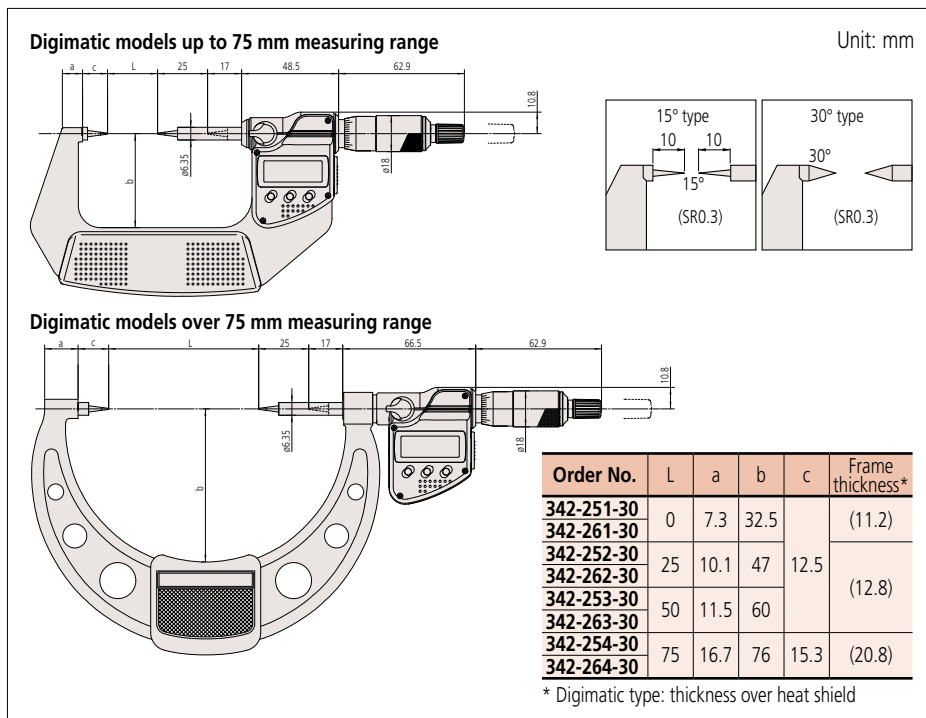
342-251-30

### SPECIFICATIONS

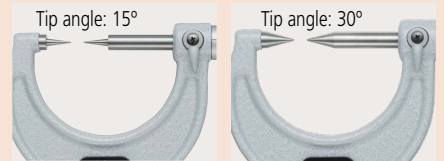
Metric					Inch/Metric				
Order No.	Range (mm)	Resolution (mm)	Maximum permissible error $J_{MPE}$ ( $\mu$ m)	Point	Order No.	Range (in)	Resolution	Maximum permissible error $J_{MPE}$ (in)	Point
Digimatic (LCD) (With carbide tip)					Digimatic (LCD) (With carbide tip)				
342-251-30	0 - 25	0.001	$\pm 2$	15°	342-351-30	0 - 1	0.00005 in/ 0.001 mm	$\pm 0.0001$	15°
342-252-30	25 - 50				342-352-30	1 - 2			
342-253-30	50 - 75		$\pm 3$	30°	342-353-30	2 - 3		$\pm 0.00015$	
342-254-30*	75 - 100				342-354-30	3 - 4			
342-261-30	0 - 25	0.001	$\pm 2$	30°	342-361-30	0 - 1	0.00005 in/ 0.001 mm	$\pm 0.0001$	30°
342-262-30	25 - 50				342-362-30	1 - 2			
342-263-30	50 - 75		$\pm 3$	15°	342-363-30	2 - 3		$\pm 0.00015$	
342-264-30*	75 - 100				342-364-30	3 - 4			

- Battery: SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
  - Battery life: Approx. 2.4 years under normal use
  - Length standard: Electromagnetic rotary sensor
  - Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm (0 to 1 in) models), Spanner (**301336**), 1 pc.
  - \* Made to order.
- Note: For functional details, refer to page B-7.  
Optional connecting cable is available only for water-proof type (Digimatic model).

### DIMENSIONS



### Measurement example



### Optional Accessories

Order No.	Type	Description
05CZA662	B	Connecting cable (1 m)
05CZA663	B	Connecting cable (2 m)
06AFM380B	B	USB Input Tool Direct (2 m)
02AZD790B	B	Connecting cables for U-WAVE-T (160 mm)
02AZE140B	B	Connecting cables for U-WAVE-T For foot switch
264-622	IP67	U-WAVE-TM
264-623	Buzzer	U-WAVE-TM
264-626	IP67	U-WAVE-TMB
264-627	Buzzer	U-WAVE-TMB
02AZF310	IP67/ buzzer	Connecting unit for U-WAVE-TM/TMB