

3-Wire Units SERIES 313

Measurement example



- Enables pitch diameter measurements of screw threads when attached to the measuring faces of both the spindle and anvil of a micrometer.
- Determination of the pitch diameter: refer to "Quick Guide to Precision Measuring Instruments" on page 13-8.



SPECIFICATIONS

Code No. (One pair) (Support spindle dia.)	Wire dia. (mm)	Accuracy of wire diameter (mm)	Pitch		
			Metric thread (mm)	Unified thread (threads per inch)	Whitworth thread (threads per inch)
6.35 mm (0.25 in)					
952131	0.170	±0.002	0.2, 0.25, 0.3	80	—
952132	0.195		0.35	72	—
952133	0.220		0.4	64	—
952134	0.250		0.45	56	60
952135	0.290		0.5	48	48
952136	0.335		0.6	44, 40	40
952137	0.390		0.7	36	36
952138	0.455		0.75, 0.8	32	32
952139	0.530		0.9	28	28, 26
952140	0.620		1.0	24	24, 22
952141	0.725		1.25	20	20, 19, 18
952142	0.895		1.5	18, 16	16
952143	1.100		1.75, 2.0	14, 13, 12	14, 12
952144	1.350		2.5	11, 10	11, 10
952145	1.650		3.0	9, 8	9, 8
952146	2.050		3.5	7	7
952147	2.550		4, 4.5	6	6
952148	3.200		5, 5.5, 6	5, 4.5	5, 4.5

3-Wire Units set

Code No.	Set	Wire dia. (mm)	Support spindle dia. (mm)
313-101	18	0.170 - 3.200	6.35

Note 1: Special-specification 3-wire units with a wire diameter other than those listed above (ø0.15 mm or more) can also be made to order.

Note 2: Due to potential obstruction, the 3-wire unit cannot be used with screws having an external diameter exceeding ø50 mm.

Lubricant for Measuring Tools

- The oil is for maintaining measuring tools.

Note: May not be used for some parts such as the spindle of a dial indicator or Digimatic indicator.



SPECIFICATIONS

Code No.	Product name	Remarks
207000*	Micrometer oil	Grease (32 ml)

* Not available in certain countries and regions.