Universal Micrometer
SERIES 116 — Interchangeable Anvil Type

- Non-rotating spindle type which accepts seven forms of optional interchangeable anvil / spindle tip (flat, spline, spherical, point, knife-edge, disk, and blade) for a wide range of applications.

- Equipped with Ratchet Stop for constant measuring force.
- Optional anvils / spindle tips for screw thread measurement (matching V and cone) are also available.

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116-101

SPECIFICATIONS

Metric			
Order No.	Range	Graduation	Accuracy
116-101	0 - 25mm	0.01mm	±4µm
116-102	25 - 50mm		

* 116-102 is provided with a plain setting standard (167-101) and a 60°-thread setting standard (167-261) for adjusting the minimum range point according to the application.
* 116-106 is provided with a plain setting standard (167-141) and a 60°-thread setting standard (167-294) for adjusting the minimum range point according to the application.

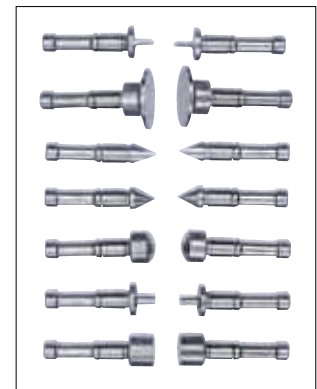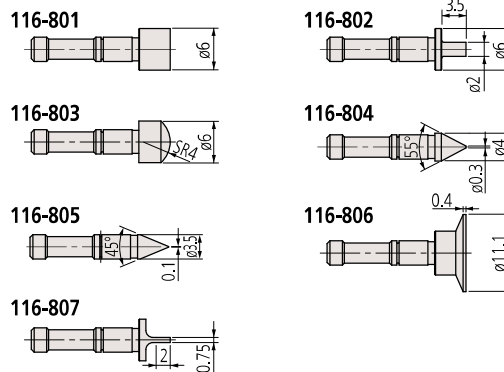| Inch			
Order No.	Range	Graduation	Accuracy
116-105	0 - 1"	.001"	±.0002"
116-106	1" - 2"		

* 116-106 is provided with a plain setting standard (167-141) and a 60°-thread setting standard (167-294) for adjusting the minimum range point according to the application.

Optional accessories

- Interchangeable anvils / spindle tips are available in matching pairs.

Order No.	Description
116-801	Flat
116-802	Spline
116-803	Spherical
116-804	Point
116-805	Knife-edge
116-806	Disk
116-807	Blade
116-800 116-801 - 116-807 Set Anvils / spindle tips set (7 pairs)	

116-801

116-802

116-803

116-804

116-805

116-806

116-807

Interchangeable contact points (optional)

- Thread-measuring interchangeable contact points are available in matching pairs.

Order No.	Set Identifier Range of measurement (mm)
116-831	0.4 - 0.5mm/64 - 48TPI
116-832	0.6 - 0.9mm/44 - 28TPI
116-833	1 - 1.75mm/24 - 14TPI
116-834	2 - 3mm/13 - 9TPI
116-835	3.5 - 5mm/8 - 5TPI
116-836	5.5 - 7mm/4.5 - 3.5TPI
116-830	**116-831 - 116-836** M (U) Set

116-831

116-832

116-833

116-834

116-835

116-836

Mitutoyo operates a policy of continuous improvement that aims to provide the customer with the benefit of the latest technological advances.
Therefore the company reserves the right to change any or all aspects of any product specification without notice.

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