

# Reference Gauges

## SERIES 186 – Radius Gauges

- Designed for gauging small internal and external radii.
- Each leaf comprises an internal and an external radius gauge of the same size.
- Radius size is stamped on each leaf.
- With locking clamp to enable convenient handling.



186-105



186-110

### Specifications

#### Metric

Code No.	Range	Composition of leaves	Remarks
186-110	0.4 - 6 mm	18 leaves: 0.4, 0.8, 1, 1.2, 1.5, 1.6 mm, 1.75 - 3 mm by 0.25 mm, 3.5 - 6 mm by 0.5 mm	90° arc
186-902	0.5 - 13 mm	26 leaves: 0.5 - 13 mm by 0.5 mm	90° arc
186-105	1 - 7 mm	34 leaves: 1 - 3 mm by 0.25 mm, 3.5 - 7 mm by 0.5 mm	180° arc
186-106	7.5 - 15 mm	32 leaves: 7.5 - 15 mm by 0.5 mm	180° arc
186-107	15.5 - 25 mm	30 leaves: 15.5 - 20 mm by 0.5 mm, 21 - 25 mm by 1 mm	180° arc

#### Inch

Code No.	Range	Composition of leaves	Remarks
186-103	1/32" - 17/64"	16 leaves: 1/32" - 17/64" by 64ths	90° arc
186-101	1/32" - 1/4"	15 leaves: 1/32" - 1/4" by 64ths	180° arc
186-102	17/64" - 1/2"	16 leaves: 17/64" - 1/2" by 64ths	180° arc
186-104	9/32" - 33/64"	16 leaves: 9/32" - 33/64" by 64ths	90° arc
186-901*	1/64" - 1/2"	25 leaves: 1/64" - 17/64" by 64ths, 9/32" - 1/2" by 32nds	—

\* Each gauge has five measuring locations.

## SERIES 188 – Thread Pitch Gauges

- Thread pitch is stamped on each gauge.
- Metric, Unified, and Whitworth screw pitch gauges.



188-101

### Specifications

Code No.	Range	Composition of leaves
<b>Metric screw pitch gauges</b>		
188-130	0.35 - 6 mm	22 leaves: 0.35, 0.4, 0.45, 0.5, 0.6, 0.7, 0.75, 0.8, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6 mm and 60° angle gauge
188-122	0.4 - 7 mm	21 leaves: 0.4, 0.5, 0.7, 0.75, 0.8, 0.9, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7 mm
188-121	0.4 - 7 mm	18 leaves: 0.4, 0.5, 0.75, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7 mm
<b>Unified screw pitch gauges</b>		
188-111	4 - 42 TPI	30 leaves: 4, 4 1/2, 5, 5 1/2, 6, 7, 8, 9, 10, 11, 11 1/2, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42 TPI
<b>Metric and Unified screw pitch gauge set</b>		
188-151	0.4 - 7 mm/ 4 - 42 TPI	51 leaves: consisting of sets 188-122 and 188-111
<b>Whitworth screw pitch gauges</b>		
188-101	4 - 42 TPI	30 leaves: 4, 4 1/2, 5, 5 1/2, 6, 7, 8, 9, 10, 11, 11 1/2, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42 TPI
188-102	4 - 60 TPI	28 leaves: 4, 4 1/2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 34, 36, 40, 48, 60 TPI