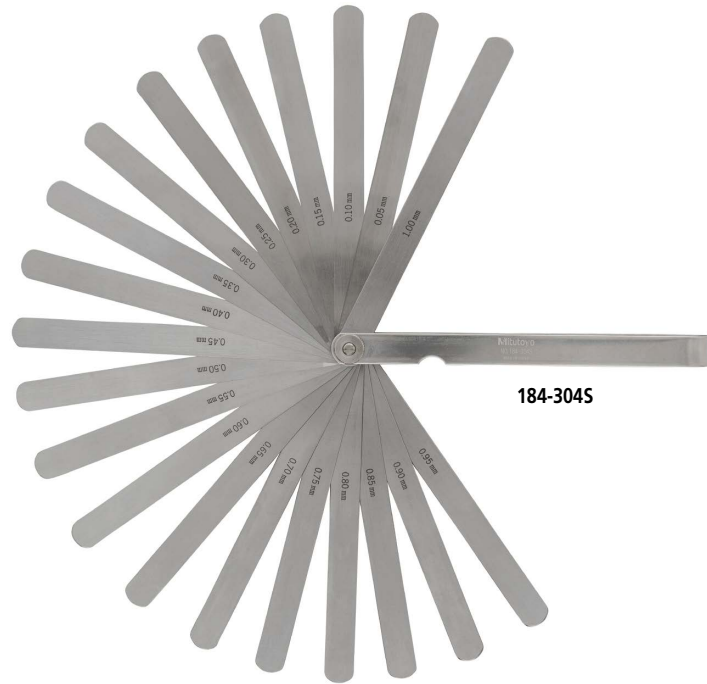


### Thickness Gages SERIES 184

- Metric thickness gages are available with tapered leaves.
- Each leaf is marked with its thickness.
- Each leaf is detachable if necessary.



### SPECIFICATIONS

Metric			
Code No.	Range (mm)	Composition of leaves	Remarks
184-313S	0.05 - 1	28 leaves: 0.05 - 0.15 mm by 0.01 mm, 0.2 - 1 mm by 0.05 mm	—
184-303S		28 leaves: 0.05 - 0.15 mm by 0.01 mm, 0.2 - 1 mm by 0.05 mm	Long leaf
184-304S	0.05 - 1	20 leaves: 0.05 - 1 mm by 0.05 mm	Long leaf
184-305S	0.05 - 1	13 leaves: 0.05 - 0.3 mm by 0.05 mm, 0.4 - 1 mm by 0.1 mm	—
184-301S		13 leaves: 0.05 - 0.3 mm by 0.05 mm, 0.4 - 1 mm by 0.1 mm	Long leaf
184-306S	0.05 - 0.8	10 leaves: 0.05 - 0.2 mm by 0.05 mm, 0.3 - 0.8 mm by 0.1 mm	—
184-308S		10 leaves: 0.05 - 0.2 mm by 0.05 mm, 0.3 - 0.8 mm by 0.1 mm	Long leaf
184-307S	0.03 - 0.5	13 leaves: 0.03 - 0.1 mm by 0.01 mm, 0.2 - 0.5 mm by 0.1 mm, 0.15 mm	—
184-302S		13 leaves: 0.03 - 0.1 mm by 0.01 mm, 0.2 - 0.5 mm by 0.1 mm, 0.15 mm	Long leaf

### DIMENSIONS

Unit: mm

Code No.	L1	L2
184-313S	100	106
184-303S	150	156
184-304S	150	156
184-305S	100	106
184-301S	150	156
184-306S	100	106
184-308S	150	156
184-307S	100	106
184-302S	150	156

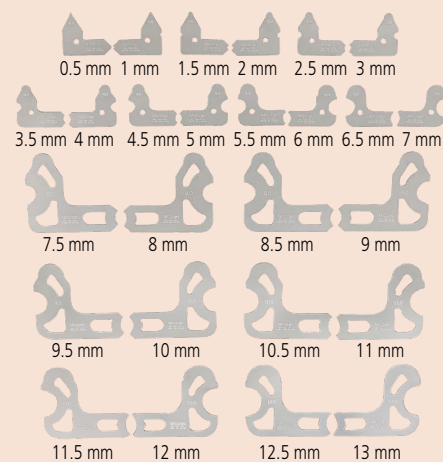
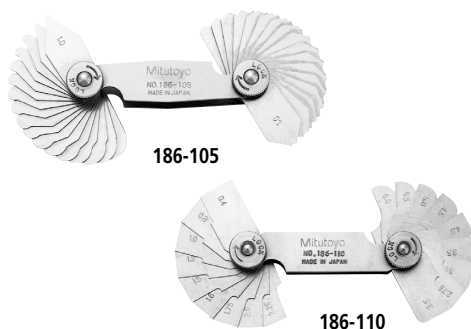


Tài liệu được tổng hợp bởi đội ngũ kỹ thuật của **NPOWER**  
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## Reference Gages

### Radius Gages SERIES 186

- Radius size is stamped on each gage leaf.
- Each leaf comprises an internal and an external radius gage of the same size.
- With locking clamp.



Composition of leaves for **186-902**

### SPECIFICATIONS

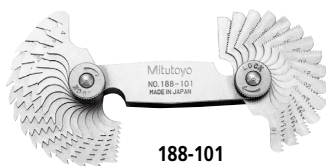
Metric				
Code No.	Range (mm)	Accuracy	Composition of leaves	Remarks
<b>186-110</b>	0.4 - 6	±0.04 mm	18 leaves: 0.4, 0.8, 1, 1.2, 1.5, 1.6 mm, 1.75 - 3 mm by 0.25 mm, 3.5 - 6 mm by 0.5 mm	90° arc
<b>186-902</b>	0.5 - 13		26 leaves: 0.5 - 13 mm by 0.5 mm	90° arc, separate part type
<b>186-105</b>	1 - 7		34 leaves: 1 - 3 mm by 0.25 mm, 3.5 - 7 mm by 0.5 mm	180° arc
<b>186-106</b>	7.5 - 15		32 leaves: 7.5 - 15 mm by 0.5 mm	180° arc
<b>186-107</b>	15.5 - 25		30 leaves: 15.5 - 20 mm by 0.5 mm, 21 - 25 mm by 1 mm	180° arc

Inch				
Code No.	Range (in)	Accuracy	Composition of leaves	Remarks
<b>186-103</b>	1/32 - 17/64	±0.002 in	16 leaves: 1/32 in - 17/64 in by 64ths	90° arc
<b>186-101</b>	1/32 - 1/4		30 leaves: 1/32 in - 1/4 in by 64ths	180° arc
<b>186-102</b>	17/64 - 1/2		32 leaves: 17/64 in - 1/2 in by 64ths	180° arc
<b>186-104</b>	9/32 - 33/64		16 leaves: 9/32 in - 33/64 in by 64ths	90° arc
<b>186-901*</b>	1/64 - 1/2	±0.0016 in	25 leaves: 1/64 in - 17/64 in by 64ths, 9/32 in - 1/2 in by 32nds	Holder
<b>186-903</b>	1/64 - 17/64		17 leaves: 1/64 in - 17/64 in by 64ths	—
<b>186-904</b>	9/32 - 1/2		8 leaves: 9/32 in - 1/2 in by 32nds	—
<b>186-905</b>	9/16 - 1		8 leaves: 9/16 in - 1 in by 16ths	Holder
<b>186-906</b>	0.010 - 0.500		26 leaves: 0.10 in - 0.30 in by 0.005 in	Holder
			0.40 in - 0.100 in by 0.010 in	
			0.120 in - 0.300 in by 0.020 in	
<b>186-907</b>	0.550 - 1	10 leaves: 0.550 in - 1 in by 0.50 in	—	

\* Each gage has five measuring locations.

### Thread Pitch Gages SERIES 188

- Thread pitch is stamped on each gage.
- Metric, Unified, and Whitworth screw pitch gages.



### SPECIFICATIONS

#### Metric Screw Pitch Gages

Code No.	Range (mm)	Integration pitch error	Composition of leaves
<b>188-130</b>	0.35 - 6	±0.05 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 gage
<b>188-122</b>	0.4 - 7		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
<b>188-121</b>	0.4 - 7		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

#### Unified Screw Pitch Gages

Code No.	Range	Integration pitch error	Composition of leaves
<b>188-111</b>	4 - 42 TPI	±0.002 in	30 leaves: 4, 4 <sup>1/2</sup> , 5, 5 <sup>1/2</sup> , 6, 7, 8, 9, 10, 11, 11 <sup>1/2</sup> , 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42 TPI

Note: Metric and Unified Pitch Gage Set (**188-151**) is available.

#### Metric and Unified Screw Pitch Gage Set

Code No.	Range	Integration pitch error	Composition of leaves
<b>188-151</b>	0.4 - 7 mm/4 - 42 TPI	±0.05 mm/ ±0.002 in	51 leaves: Set of <b>188-122</b> and <b>188-111</b>

#### Whitworth Screw Pitch Gages

Code No.	Range	Integration pitch error	Composition of leaves
<b>188-101</b>	4 - 42 TPI	±0.002 in	30 leaves: 4, 4 <sup>1/2</sup> , 5, 5 <sup>1/2</sup> , 6, 7, 8, 9, 10, 11, 11 <sup>1/2</sup> , 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42 TPI
<b>188-102</b>	4 - 60 TPI		28 leaves: 4, 4 <sup>1/2</sup> , 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