

RECTANGULAR STEEL GAUGE BLOCK SETS

- All gauge blocks are manufactured from a high grade steel.
- Etched, unique serial numbers are included on each block.
- Tolerance class for 0 and 1
 - ISO 3650.
- Tolerance class for B and W
 - Metric sets have a tolerance of $\pm 1.25 \mu\text{m}$.
 - Inch sets have a tolerance of $\pm 50 \mu\text{in}$.



Cat No	Tolerance Class	No of Blocks in Case	Nominal Size	Steps	Gauge Blocks
3047.0	0	47	1.0005mm	-	1
			1.01 through 1.19mm	0.01mm	19
			1.2 through 1.9mm	0.1mm	8
3047.1	1		1 through 10mm	1mm	10
			20 through 100mm	10mm	9
3088.0	0	88	1.0005mm	-	1
			1.001 through 1.009mm	0.001mm	9
			1.01 through 1.49mm	0.01mm	49
			0.5 through 9.5mm	0.5mm	19
			10 through 100mm	10mm	10
RS 88.MB	B		0.5mm	-	1
			1.0005mm	-	1
			1.001 through 1.009mm	0.001mm	9
			1.01 through 1.49mm	0.01mm	49
RS 88.MW	W		1 through 9.5mm	0.5mm	18
			10 through 100mm	10mm	10
RS 112.MB	B	112	0.5mm	-	1
			1.0005mm	-	1
			1.001 through 1.009mm	0.001mm	9
			1.01 through 1.49mm	0.01mm	49
			1 through 24.5mm	0.5mm	48
RS 112.MW	W		25 through 100mm	25mm	4
RS 81.B	B	81	0.1001" through 0.1009"	0.0001"	9
			0.101" through 0.149"	0.001"	49
			0.050" through 0.950"	0.050"	19
RS 81.W	W		1" through 4"	1"	4

Cat No	Tolerance Class	Description
RS 81.B RS 88.MB RS 112.MB	B	Inch System (RS 81.B) uncertainty of measurement (k=2): $U = 6 + L$ where L is in inches, but U not less than 7 min. Metric Systems (RS 88.MB & RS 112.MB) uncertainty of measurement (k=2): $U = 0.15 + .001L$ where L is in millimeters, but U not less than 0.18 mm.
RS 81.W RS 88.MW RS 112.MW	W	Inch System (RS 81.W) uncertainty of measurement (k=2): 10 μin . Metric Systems (RS 88.MW & RS 112.MW) uncertainty of measurement (k=2): $U = 0.25 \mu\text{m}$.