

Measuring Tools

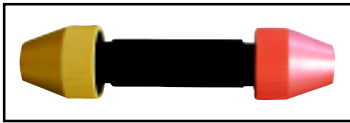


STEEL PLUG GAGE SETS

- Laser marking size, size is quite clear.
- Each set has a certificate, to state the accuracy of each size.
- Smooth finish 10 micro or better
- Uniform 2" length.
- A must for checking hole diameter & distance between holes and hole location.
- Sizes marked on storage case.
- All gages within 0.0002".

Type	No. of Members	Size	Model No.
M0 Plus	50	0.011 to 0.060	616-8100
M0 Minus	50	0.011 to 0.060	616-8101
M1 Plus	190	0.061 to 0.250	616-8110
M1 Minus	190	0.061 to 0.250	616-8111
M2 Plus	250	0.251 to 0.500	616-8120
M2 Minus	250	0.251 to 0.500	616-8121
M3 Plus	125	0.501 to 0.625	616-8130
M3 Minus	125	0.501 to 0.625	616-8131
M4 Plus	125	0.626 to 0.750	616-8140
M4 Minus	125	0.626 to 0.750	616-8141
M5 Plus	82	0.751 to 0.832	616-8150
M5 Minus	82	0.751 to 0.832	616-8151
M6 Plus	84	0.833 to 0.916	616-8160
M6 Minus	84	0.833 to 0.916	616-8161
M7 Plus	84	0.917 to 1.000	616-8170
M7 Minus	84	0.917 to 1.000	616-8171

Complete With Plastic Case and Stand



PIN GAGE HANDLE

METRIC PIN GAGES

- Heat treated to a hardness of 60/62 HRC.
- 50mm overall length with sharp corners broken.
- Sets include fitted wooden case.



Range(mm)	Step (mm)	No. of Members	+0.002mm Tolerances Model No.	-0.002mm Tolerances Model No.	±0.001mm Tolerances Model No.	±0.002mm Tolerances Model No.	+0.005mm Tolerances Model No.	-0.005mm Tolerances Model No.
0.30-1.00	0.01	71	616-3071	616-4071	616-5071	616-6071	616-7071	616-9071
0.50-1.00	0.01	51	616-3051	616-4051	616-5051	616-6051	616-7051	616-9051
1.01-2.00	0.01	100	616-3102	616-4102	616-5102	616-6102	616-7102	616-9102
2.01-3.00	0.01	100	616-3103	616-4103	616-5103	616-6103	616-7103	616-9103
3.01-4.00	0.01	100	616-3104	616-4104	616-5104	616-6104	616-7104	616-9104
4.01-5.00	0.01	100	616-3105	616-4105	616-5105	616-6105	616-7105	616-9105
5.01-6.00	0.01	100	616-3106	616-4106	616-5106	616-6106	616-7106	616-9106
6.01-7.00	0.01	100	616-3107	616-4107	616-5107	616-6107	616-7107	616-9107
7.01-8.00	0.01	100	616-3108	616-4108	616-5108	616-6108	616-7108	616-9108
8.01-9.00	0.01	100	616-3109	616-4109	616-5109	616-6109	616-7109	616-9109
9.01-10.00	0.01	100	616-3110	616-4110	616-5110	616-6110	616-7110	616-9110
1.01-10.00	0.01	900	616-3900	616-4900	616-5900	616-6900	616-7900	616-9900
0.30-2.00	0.02	86	616-3086	616-4086	616-5086	616-6086	616-7086	616-9086
2.02-4.00	0.02	100	616-3114	616-4114	616-5114	616-6114	616-7114	616-9114
4.02-6.00	0.02	100	616-3116	616-4116	616-5116	616-6116	616-7116	616-9116
6.02-8.00	0.02	100	616-3118	616-4118	616-5118	616-6118	616-7118	616-9118
8.02-10.00	0.02	100	616-3119	616-4119	616-5119	616-6119	616-7119	616-9119
0.30-5.00	0.05	95	616-3095	616-4095	616-5095	616-6095	616-7095	616-9095
5.05-10.00	0.05	100	616-3022	616-4022	616-5022	616-6022	616-7022	616-9022
0.30-5.00	0.10	48	616-3048	616-4048	616-5048	616-6048	616-7048	616-9048
0.30-10.00	0.10	98	616-3098	616-4098	616-5098	616-6098	616-7098	616-9098
1.00-5.00	0.10	41	616-3041	616-4041	616-5041	616-6041	616-7041	616-9041
1.00-10.00	0.01	91	616-3091	616-4091	616-5091	616-6091	616-7091	616-9091
10.01-11.00	0.01	100	616-3112	616-4112	616-5112	616-6112	616-7112	616-9112
11.01-12.00	0.01	100	616-3113	616-4113	616-5113	616-6113	616-7113	616-9113
10.00-20.00	0.01	101	616-3101	616-4101	616-5101	616-6101	616-7101	616-9101
0.50-20.00	0.50	40	616-3040	616-4040	616-5040	616-6040	616-7040	616-9040
1.00-20.00	1.00	20	616-3020	616-4020	616-5020	616-6020	616-7020	616-9020
0.30-1.525	0.025	50	616-3050	616-4050	616-5050	616-6050	616-7050	616-9050
1.55-6.275	0.025	190	616-3190	616-4190	616-5190	616-6190	616-7190	616-9190
6.30-9.775	0.025	140	616-3140	616-4140	616-5140	616-6140	616-7140	616-9140
9.80-12.525	0.025	110	616-3111	616-4111	616-5111	616-6111	616-7111	616-9111
13.00-19.00	0.100	61	616-3061	616-4061	616-5061	616-6061	616-7061	616-9061
1.01-10.00	0.1&0.1±0.01	273	616-3273	616-4273	616-5273	616-6273	616-7273	616-9273



Measuring Tools

STEEL PLUG GAGE SETS, WITH CAPS



- Laser marking size, size is quite clear.
- Each set has a certificate, to state the accuracy of each size.
- Smooth finish 10 micro or better
- Uniform 2" length.
- A must for checking hole diameter & distance between holes and hole location.
- Sizes marked on storage case.
- All gages within 0.0002".
- Set include fitted wooden case

Type	No. of Members	Size	Model No.
M0 Plus	50	0.011 to 0.060	616-8400
M0 Minus	50	0.011 to 0.060	616-8401
M1 Plus	190	0.061 to 0.250	616-8410
M1 Minus	190	0.061 to 0.250	616-8411
M2 Plus	250	0.251 to 0.500	616-8420
M2 Minus	250	0.251 to 0.500	616-8421
M3 Plus	125	0.501 to 0.625	616-8430
M3 Minus	125	0.501 to 0.625	616-8431
M4 Plus	125	0.626 to 0.750	616-8440
M4 Minus	125	0.626 to 0.750	616-8441
M5 Plus	82	0.751 to 0.832	616-8450
M5 Minus	82	0.751 to 0.832	616-8451
M6 Plus	84	0.833 to 0.916	616-8460
M6 Minus	84	0.833 to 0.916	616-8461
M7 Plus	84	0.917 to 1.000	616-8470
M7 Minus	84	0.917 to 1.000	616-8471

METRIC PIN GAGE SET, WITH CAPS

- Heat treated to a hardness of 60/62 HRC.
- 50mm overall length with sharp corners broken.
- Sets include fitted wooden case.

Range(mm)	Step (mm)	No. of Members	+0.002mm Tolerances Model No.	-0.002mm Tolerances Model No.	±0.001mm Tolerances Model No.	±0.002mm Tolerances Model No.	+0.005mm Tolerances Model No.	-0.005mm Tolerances Model No.
0.30-1.00	0.01	71	617-3071	617-4071	617-5071	617-6071	617-7071	617-9071
0.50-1.00	0.01	51	617-3051	617-4051	617-5051	617-6051	617-7051	617-9051
1.01-2.00	0.01	100	617-3102	617-4102	617-5102	617-6102	617-7102	617-9102
2.01-3.00	0.01	100	617-3103	617-4103	617-5103	617-6103	617-7103	617-9103
3.01-4.00	0.01	100	617-3104	617-4104	617-5104	617-6104	617-7104	617-9104
4.01-5.00	0.01	100	617-3105	617-4105	617-5105	617-6105	617-7105	617-9105
5.01-6.00	0.01	100	617-3106	617-4106	617-5106	617-6106	617-7106	617-9106
6.01-7.00	0.01	100	617-3107	617-4107	617-5107	617-6107	617-7107	617-9107
7.01-8.00	0.01	100	617-3108	617-4108	617-5108	617-6108	617-7108	617-9108
8.01-9.00	0.01	100	617-3109	617-4109	617-5109	617-6109	617-7109	617-9109
9.01-10.00	0.01	100	617-3110	617-4110	617-5110	617-6110	617-7110	617-9110
1.01-10.00	0.01	900	617-3900	617-4900	617-5900	617-6900	617-7900	617-9900
0.30-2.00	0.02	86	617-3086	617-4086	617-5086	617-6086	617-7086	617-9086
2.02-4.00	0.02	100	617-3114	617-4114	617-5114	617-6114	617-7114	617-9114
4.02-6.00	0.02	100	617-3116	617-4116	617-5116	617-6116	617-7116	617-9116
6.02-8.00	0.02	100	617-3118	617-4118	617-5118	617-6118	617-7118	617-9118
8.02-10.00	0.02	100	617-3119	617-4119	617-5119	617-6119	617-7119	617-9119
0.30-5.00	0.05	95	617-3095	617-4095	617-5095	617-6095	617-7095	617-9095
5.05-10.00	0.05	100	617-3022	617-4022	617-5022	617-6022	617-7022	617-9022
0.30-5.00	0.10	48	617-3048	617-4048	617-5048	617-6048	617-7048	617-9048
0.30-10.00	0.10	98	617-3098	617-4098	617-5098	617-6098	617-7098	617-9098
1.00-5.00	0.10	41	617-3041	617-4041	617-5041	617-6041	617-7041	617-9041
1.00-10.00	0.01	91	617-3091	617-4091	617-5091	617-6091	617-7091	617-9091
10.01-11.00	0.01	100	617-3112	617-4112	617-5112	617-6112	617-7112	617-9112
11.01-12.00	0.01	100	617-3113	617-4113	617-5113	617-6113	617-7113	617-9113
10.00-20.00	0.01	101	617-3101	617-4101	617-5101	617-6101	617-7101	617-9101
0.50-20.00	0.50	40	617-3040	617-4040	617-5040	617-6040	617-7040	617-9040
1.00-20.00	1.00	20	617-3020	617-4020	617-5020	617-6020	617-7020	617-9020
0.30-1.525	0.025	50	617-3050	617-4050	617-5050	617-6050	617-7050	617-9050
1.55-6.275	0.025	190	617-3190	617-4190	617-5190	617-6190	617-7190	617-9190
6.30-9.775	0.025	140	617-3140	617-4140	617-5140	617-6140	617-7140	617-9140
9.80-12.525	0.025	110	617-3111	617-4111	617-5111	617-6111	617-7111	617-9111
13.00-19.00	0.100	61	617-3061	617-4061	617-5061	617-6061	617-7061	617-9061
1.01-10.00	0.1&0.1±0.01	273	617-3273	617-4273	617-5273	617-6273	617-7273	617-9273

Measuring Tools



RECTANGULAR GAGE BLOCK SETS

All sets are supplied in deluxe fitted wood cases

Meets federal specifications GGG-G-15C tolerances on length for inch gage blocks Tolerance grade.

Grade B blocks are guaranteed to be $\pm 0.000050''$ from nominal in 1" and under

Nominal Size	Grade 2 (Grade A+)	Grade 3 (Grade A and B)
1" and less	+4, -2	+8-4
2	+8, -4	+16-8
3	+10, -5	+20-10
4	+12, -6	+24-12



81 PIECE RECTANGULAR SETS

81 piece sets include the following:

- 1 Block 0.050"
- 10 Blocks 0.1000"-0.1009" in 0.0001 steps
- 49 Blocks 0.101"-0.149" in 0.001" steps
- 17 Blocks 0.150"-0.950" in 0.050" steps
- 4 Blocks 1.000"-4.000" in 1.000" steps

Grade	81 Piece Steel Model No.	81 Piece Solid Carbide Model No.
2	630-4110	125-0812
3	630-4113	125-0813
B	630-4115	125-0814
B	630-4117 *	

Every grade is supplied with certificated of calibration traceable to NIST



36 PIECE RECTANGULAR SETS

36 Piece Steel Sets Include the Following:

- 1 Block 0.50"
- 10 Blocks 0.1000"-0.1009" in 0.0001" steps
- 9 Blocks 0.101"-0.109" in 0.001" steps
- 9 Blocks 0.110"-0.190" in 0.010" steps
- 4 Blocks 0.200"-0.500" in 0.100" steps
- 3 Blocks 1,2,4"

Grade	36 Piece Steel Model No.	36 Piece Solid Carbide Model No.
2	630-4100	125-0362
3	630-4103	125-0363
B	630-4105	125-0364

Every grade is supplied with certificated of calibration traceable to NIST

INDIVIDUAL RECTANGULAR BLOCK INCH

630-XXXX Steel 125-XXXX Carbide

Size	2 Grade Model No.	3Grade Model No.	B Grade Model No.	Size	2 Grade Model No.	3Grade Model No.	B Grade Model No.	Size	2 Grade Model No.	3Grade Model No.	B Grade Model No.
0.10005"	-2205	-3205	-B205	0.117"	-2117	-3117	-B117	0.144"	-2144	-3144	-B144
0.1001"	-2001	-3001	-B001	0.118"	-2118	-3118	-B118	0.145"	-2145	-3145	-B145
0.1002"	-2002	-3002	-B002	0.119"	-2119	-3119	-B119	0.146"	-2146	-3146	-B146
0.1003"	-2003	-3003	-B003	0.120"	-2120	-3120	-B120	0.147"	-2147	-3147	-B147
0.1004"	-2004	-3004	-B004	0.121"	-2121	-3121	-B121	0.148"	-2148	-3148	-B148
0.1005"	-2005	-3005	-B005	0.122"	-2122	-3122	-B122	0.149"	-2149	-3149	-B149
0.1006"	-2006	-3006	-B006	0.123"	-2123	-3123	-B123	0.05"	-2305	-3305	-B305
0.1007"	-2007	-3007	-B007	0.124"	-2124	-3124	-B124	0.10"	-2310	-3310	-B310
0.1008"	-2008	-3008	-B008	0.125"	-2125	-3125	-B125	0.15"	-2315	-3315	-B315
0.1009"	-2009	-3009	-B009	0.126"	-2126	-3126	-B126	0.20"	-2320	-3320	-B320
1"	-2100	-3100	-B100	0.127"	-2127	-3127	-B127	0.25"	-2325	-3325	-B325
0.1010"	-2101	-3101	-B101	0.128"	-2128	-3128	-B128	0.30"	-2330	-3330	-B330
0.102"	-2102	-3102	-B102	0.129"	-2129	-3129	-B129	0.35"	-2335	-3335	-B335
0.103"	-2103	-3103	-B103	0.130"	-2130	-3130	-B130	0.40"	-2340	-3340	-B340
0.104"	-2104	-3104	-B104	0.131"	-2131	-3131	-B131	0.45"	-2345	-3345	-B345
0.105"	-2105	-3105	-B105	0.132"	-2132	-3132	-B132	0.50"	-2350	-3350	-B350
0.106"	-2106	-3106	-B106	0.133"	-2133	-3133	-B133	0.55"	-2355	-3355	-B355
0.107"	-2107	-3107	-B107	0.134"	-2134	-3134	-B134	0.60"	-2360	-3360	-B360
0.108"	-2108	-3108	-B108	0.135"	-2135	-3135	-B135	0.65"	-2365	-3365	-B365
0.109"	-2109	-3109	-B109	0.136"	-2136	-3136	-B136	0.70"	-2370	-3370	-B370
0.110"	-2110	-3110	-B110	0.137"	-2137	-3137	-B137	0.75"	-2375	-3375	-B375
0.111"	-2111	-3111	-B111	0.138"	-2138	-3138	-B138	0.80"	-2380	-3380	-B380
0.112"	-2112	-3112	-B112	0.139"	-2139	-3139	-B139	0.85"	-2385	-3385	-B385
0.113"	-2113	-3113	-B113	0.140"	-2140	-3140	-B140	0.90"	-2390	-3390	-B390
0.114"	-2114	-3114	-B114	0.141"	-2141	-3141	-B141	0.95"	-2395	-3395	-B395
0.115"	-2115	-3115	-B115	0.142"	-2142	-3142	-B142	4"	-2400	-3400	-B400
0.116"	-2116	-3116	-B116	0.143"	-2143	-3143	-B143	2"	-2200	-3200	-B200



Measuring Tools



81 PIECE SQUARE GAGE BLOCK SETS

Grade 2 & 3 Sets Come With A Certificate Of Accuracy.

A certificate of accuracy, traceable to the National Bureau of Standards is furnished with each Grade 2 & 3 Set. It indicates the actual size of each block to the closest millionth. This certificate, a highly important part of gage block use, is automatically provided. Each block is manufactured and calibrated to specifications which meet or exceed Federal Specifications GGG-G-15D. Each block is serialized regardless of the grade so that it can be easily identified when the block is re-calibrated and certified at a later date.

Sets Include All of The Following	Grade	Model No.
1 Block 0.050"	2	630-4120
10 Blocks 0.1000 thru 0.1009" in 0.0001" steps	3	630-4123
49 Blocks 0.101 thru 0.149" in 0.001" steps	B	630-4125
17 Blocks 0.150 thru 0.950" in 0.050" steps		
4 Blocks 1.0 thru 0.40" in 1" steps		

INCH CERAMIC GAGE BLOCK SETS



Grade	36 Piece Model No.	81 Piece Model No.
2	631-0362	631-0812
3	631-0363	631-0813
B	631-0364	631-0814

STEEL GAGE BLOCK SETS

Large Size



Piece/Set	Size	Grade 0 Model No.	Grade 1 Model No.	Grade 2 Model No.
5 Pcs/Set	600mm, 700mm, 800mm, 900mm, 1000mm	630-5000	630-5001	630-5002

Piece/Set	Size	Grade 0 Model No.	Grade 1 Model No.	Grade 2 Model No.
8 Pcs/Set	125mm, 150mm, 175mm, 200mm, 250mm, 300mm, 400mm, 500mm	630-8000	630-8001	630-8002

Piece/Set	Size	Grade 0 Model No.	Grade 1 Model No.	Grade 2 Model No.
8 Pcs/Set	25mm, 50mm, 75mm, 100mm, 125mm, 150mm, 175mm, 200mm	630-8200	630-8201	630-8202

Piece/Set	Size	Grade 2 (Grade A+) Model No.	Grade 3 (Grade A&B) Model No.	Grade B Model No.
8 Pcs/Set	5", 6", 7", 8", 10", 12", 16", 20"	630-8100	630-8101	630-8102

Piece/Set	Size	Grade 2 Model No.	Grade 1 Model No.	Grade 2 Model No.
12 Pcs/Set	25mm, 50mm, 75mm, 80mm, 105mm, 130mm, 155mm, 180mm, 205mm, 300mm	630-8300	630-8301	630-8302



SPACE BLOCK SETS

- Each block clearly marked for size
- Hardened and lapped
- 4 connecting screws included, make any length desired.
- Complete in fitted case.

3/4" Diameter, 1/4-28 I.D. Thread

Model No. 630-4050

3/4" Diameter, M6 Thread

Model No. 630-4051

0.0500	0.090	0.500	1.000	0.105	0.110	0.150
0.0600	0.100	0.600	0.101	0.106	0.120	0.160
0.0625	0.200	0.700	0.102	0.107	0.125	0.170
0.0700	0.300	0.800	0.103	0.108	0.130	0.180
0.0800	0.400	0.900	0.104	0.109	0.140	0.190
		1.00				

Measuring Tools



METRIC GAGE BLOCK SETS

Metric Gage Blocks meet GGG-G-15, DIN, & JIS Specifications are supplied as indicated in the table.



Piece/Set	Size(mm)	Steps(mm)	No.Of Blocks	Grade	Steel Model No.	Solid Carbide Model No.	Ceramic Model No.
122	1.0005	.....	1	0	630-1220		
	1.001-1.009	0.001	9	1	630-1221		
	1.01-1.49	0.01	49	2	630-1222		
	0.5-1.5	0.5	3	3	630-1223		
	1.6-1.9	0.1	4				
	2-25	0.5	47				
	30-70	10	5				
	75	.....	1				
116	80-100	10	3		630-1160		
	1.001-1.009	0.001	9	0	630-1161		
	1.01-1.49	0.01	49	1	630-1162		
	0.5-25	0.5	50	2	630-1163		
112	30-100	10	8	3			
	1.0005	.....	1	0	630-1120	125-5120	631-1120
	1.001-1.009	0.001	9	1	630-1121	125-5121	631-1121
	1.01-1.49	0.01	49	2	630-1122	125-5122	631-1122
111	0.5-24.5	0.5	49	3	630-1123		
	25-100	25	4				
	1.001-1.009	0.001	9	0	630-1110		
	1.01-1.49	0.01	49	1	630-1111		
103	0.5-24.5	0.5	49	2	630-1112		
	25-100	25	4	3	630-1113		
	1.005	.....	1	0	630-1030	125-5030	631-1030
	1.01-1.49	0.01	49	1	630-1031	125-5031	631-1031
91	0.5-24.5	0.5	49	2	630-1032	125-5032	631-1032
	25-100	25	4	3	630-1033		
	1.001-1.009	0.001	9	0	630-0910		
	1.01-1.49	0.01	49	1	630-0911		
88	1.6-1.9	0.1	4	2	630-0912		
	0.5-9.5	0.5	19	3	630-0913		
	10-100	10	10				
	1.0005	.....	1	0	630-0880	125-4880	631-0880
87	1.001-1.009	0.001	9	1	630-0881	125-4881	631-0881
	1.01-1.49	0.01	49	2	630-0882	125-4882	631-0882
	0.5-9.5	0.5	19	3	630-0883		
	10-100	10	10				
83	1.001-1.009	0.001	9	0	630-0870	125-4870	631-0870
	1.01-1.49	0.01	49	1	630-0871	125-4871	631-0871
	0.5-9.5	0.5	19	2	630-0872	125-4872	631-0872
	10-100	10	10	3	630-0873		
79	1.001-1.009	0.001	9	0	630-0830	125-4830	631-0830
	1.01-1.49	0.01	49	1	630-0831	125-4831	631-0831
	1.6-1.9	0.1	4	2	630-0832	125-4832	631-0832
	0.5-9.5	0.5	19	3	630-0833		
76	10-100	10	10				
	1.005	.....	1	0	630-0790		
	1.01-1.49	0.01	49	1	630-0791		
	0.5-9.5	0.5	19	2	630-0792		
47	10-100	10	10	3	630-0793		
	1.005	.....	1	0	630-0760	125-4760	631-0760
	1.01-1.49	0.01	49	1	630-0761	125-4761	631-0761
	0.5-9.5	0.1	19	2	630-0762	125-4762	631-0762
47	10-50	10	5	3	630-0763		
	75-100	25	2				
	1.005	.....	1	0	630-0474	125-4474	631-0470
	1.01-1.09	0.01	9	1	630-0475	125-4475	631-0471
47	1.1-1.9	0.1	9	2	630-0476	125-4476	631-0472
	1~24	1	24	3	630-0477		
	25-100	25	4				
	1.005	.....	1	0	630-0470	125-4470	631-0474
47	1.01-1.20	0.01	20	1	630-0471	125-4471	631-0475
	1.3-1.9	0.1	7	2	630-0472	125-4472	631-0476
	1~9	1	9	3	630-0473		
	10-100	10	10				
46	1.001-1.009	0.001	9	0	630-0460	125-4460	631-0460
	1.01-1.09	0.01	9	1	630-0461	125-4461	631-0461
	1.1-1.9	0.1	9	2	630-0462	125-4462	631-0462
	1~9	1	9	3	630-0463		
41	10-100	10	10				
	1.001-1.009	0.001	9	0	630-0410		
	1.01-1.09	0.01	9	1	630-0411		
	1.1-1.9	0.1	9	2	630-0412		
41	1~9	1	9	3	630-0413		
	10,20,40,70,100mm	.....	5				



Measuring Tools

METRIC GAGE BLOCK SETS Continued

Piece/Set	Size(mm)	Steps(mm)	No.Of Blocks	Grade	Steel Model No.	Solid Carbide Model No.	Ceramic Model No.
38	1.005	.....	1	0	630-0380	125-4380	631-0380
	1.01-1.09	0.01	9	1	630-0381	125-4381	631-0381
	1.1-1.9	0.1	9	2	630-0382	125-4382	631-0382
	1-9	1	9	3	630-0383		
	10-100	10	10				
33	1.005	.....	1	0	630-0330		
	1.01-1.09	0.01	9	1	630-0331		
	1.1-1.9	0.1	9	2	630-0332		
	1-9	1	9	3	630-0333		
	10,20,40,70,100mm	.....	5				
32	1.005	.....	1	0	630-0320		631-0320
	1.01-1.09	0.01	9	1	630-0321		631-0321
	1.1-1.9	0.1	9	2	630-0322		631-0322
	1-9	1	9	3	630-0323		
	10-30	10	3				
18	0.991-0.999	0.001	9	0	630-0180		
	1.001-1.009	0.001	9	1	630-0181		
				2	630-0182		
				3	630-0183		
18	1.001-1.009	0.001	9	0	630-0184		
	1.01-1.09	0.01	9	1	630-0185		
				2	630-0186		
				3	630-0187		
18	1.005,1.01,1.02,1.03,1.06	.....	18	0	630-0190		
	1.1,1.2,1.3,1.6,1.2,3,6,			1	630-0191		
	10,20,30,60,100			2	630-0192		
				3	630-0193		
13	2.5-12.9	2.6	5	0	630-0130		631-0130
	15-22.8	2.6	4	1	630-0131		631-0131
11	10,20,41,2,51,2,81,2,101,2			0	630-0110		
	121.5,121.8,125,175,250mm				630-0111		
10	2.5-12.9	2.6	5	1	630-0100		631-0100
	15-22.8	2.6	4	2	630-0101		631-0101
	25	.....	1	3	630-0102		631-0102
9	1.001-1.009	0.001	9	0	630-0103		
				1	630-0090		
				2	630-0091		
				3	630-0092		
8	10,20,41,2,51,2,81,2,101,2	.....	8	0	630-0093		
	121.5,121.8mm			1	630-0080		631-0080
					630-0081		631-0081

Individual Steel Rectangular Gage Block metric

Size	Grade 0 Model No.	Grade 1 Model No.	Grade 2 Model No.	Size	Grade 0 Model No.	Grade 1 Model No.	Grade 2 Model No.	Size	Grade 0 Model No.	Grade 1 Model No.	Grade 2 Model No.
1.0mm	632-0010	632-0011	632-0012	16.0mm	632-0160	632-0161	632-0161	100.0mm	632-1000	632-1001	632-1002
2.0mm	632-0020	632-0021	632-0022	17.0mm	632-0170	632-0171	632-0172	125.0mm	632-1250	632-1251	632-1252
3.0mm	632-0030	632-0031	632-0032	18.0mm	632-0180	632-0181	632-0182	150.0mm	632-1500	632-1501	632-1502
4.0mm	632-0040	632-0041	632-0042	19.0mm	632-0190	632-0191	632-0192	175.0mm	632-1750	632-1751	632-1752
5.0mm	632-0050	632-0051	632-0052	20.0mm	632-0200	632-0201	632-0202	200.0mm	632-2000	632-2001	632-2002
6.0mm	632-0060	632-0061	632-0062	25.0mm	632-0250	632-0251	632-0252	250.0mm	632-2500	632-2501	632-2502
7.0mm	632-0070	632-0071	632-0072	30.0mm	632-0300	632-0301	632-0302	300.0mm	632-3000	632-3001	632-3002
8.0mm	632-0080	632-0081	632-0082	40.0mm	632-0400	632-0401	632-0402	400.0mm	632-4000	632-4001	632-4002
9.0mm	632-0090	632-0091	632-0092	50.0mm	632-0500	632-0501	632-0502	500.0mm	632-5000	632-5001	632-5002
10.0mm	632-0100	632-0101	632-0102	60.0mm	632-0600	632-0601	632-0602	600.0mm	632-6000	632-6001	632-6002
11.0mm	632-0110	632-0111	632-0112	65.0mm	632-0650	632-0651	632-0652	700.0mm	632-7000	632-7001	632-7002
12.0mm	632-0120	632-0121	632-0122	70.0mm	632-0700	632-0701	632-0702	800.0mm	632-8000	632-8001	632-8002
13.0mm	632-0130	632-0131	632-0132	75.0mm	632-0750	632-0751	632-0752	900.0mm	632-9000	632-9001	632-9002
14.0mm	632-0140	632-0141	632-0142	80.0mm	632-0800	632-0801	632-0802	1000.0mm	632-9990	632-9991	632-9992
15.0mm	632-0150	632-0151	632-0152	90.0mm	632-0900	632-0901	632-0902				

Clamps

Capacity	Model No.
0-50mm	631-2050
0-100mm	631-2100
100-200mm	631-2200
300mm	631-2230
400mm	631-2250
500mm	631-2260

GAGE BLOCK ACCESSORIES



Radius Cylindrical Jaws



8x19x100mm Beveled Ends Jaw

Base Blocks

50x60x25mm

Model No.631-2800

100mm Straight Edge



15mm Scriber Point

Radius	Model No.
R2X10	631-2302
R2X15	631-2305
R10X40	631-2310

Model No.631-2500

Center Point

Dia.0.8x8mm



Model No.631-2400

60mm Knife Edge Jaws



Model No.638-7110

Model No.631-2700



GAGE BLOCK ACCESSORY SETS

Descriptions	10 Pcs/set	11Pcs/set	12Pcs/set	15Pcs/set	17Pcs/set
	Model No. 631-2910	Model No. 631-2911	Model No. 631-2912	Model No. 631-2915	Model No.631-2918
50mmClamp	1Piece	1Piece	1Piece	1Piece	1Piece
100mmClamp	1Piece	1Piece	1Piece	1Piece	1Piece
200mm Clamp	1Piece	1Piece	1Piece	1Piece	1Piece
2mm Radius Cylindrical Jaws	1Pair	1Pair	1Pair	1Pair	1Pair
5mm Radius Cylindrical Jaws	1Pair	1Pair	1Pair	1Pair	1Pair
10mm Radius Cylindrical Jaws		1Pair	1Pair	1Pair	1Pair
100mmBeveled Ends Jaws				1Pair	1Pair
100mmStraight Edge					1Piece
Scriber Point	1Piece	1Piece	1Piece	1Piece	1Piece
Center Point	1Piece		1Piece	1Piece	1Piece
Knife Edge Jaws				1Pair	1Pair
Base Block	1Piece	1Piece	1Piece		1Piece



PLANER AND SHAPER GAGES

Model No.600-0049

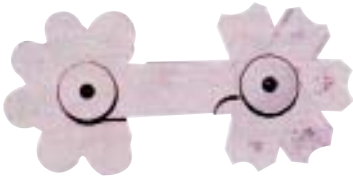
Max. Range 1/4 - 6 - 1/4" with extension rod.

Makes setting of planer and shaper tools easy.

Set gage with micrometer, surface gage or caliper and bring cutting tool in contact with it.

Gives the operator a reliable starting point, thus eliminating trial cuts. Also use in conjunction with Dial indicator to level large plates for planing, etc.

RADIUS GAGES



Blades	Blades		Radius Range	Model No.
Concave	Convex			
17	17		1.0-7.0mm, 1-3mm step by 0.25mm, 3.5-7.0mm step by 0.5mm	615-6550
16	16		7.5-15.0mm, step by 0.5mm	615-6555
16	16		15-25mm, step by 15-20mm step by 0.5mm 21-25mm step by 1.0mm	615-6560
15	15		1/32" - 1/4", step by 1/64"	615-6565
16	16		17/64" - 1/2", step by 1/64"	615-6570
16	16		17/32" - 1", step by 1/32"	615-6575

RADIUS GAGES SETS

Designed for checking radius, easier and faster, it can be used for inspection, layout, pattern making and all other machining job.

Satin chrome finished.

Each gage is marked with its individual size.

Each gage has five measuring surface for convex and concave radius.



Range	Gages per set	Model No.
WITH holder 9/32" to 1/2" by 32nds	8Pcs	615-4008
WITH holder 9/16" to 1" by 16ths	8Pcs	615-4108
WITH holder 1-1/16" to 1-1/2" by 16ths	8Pcs	615-4208
WITHOUT holder 9/16" to 1" by 16ths	8Pcs	615-4308
WITHOUT holder 0.550 to 1" by 0.05"	10Pcs	615-4010
WITH holder 1/64" to 17/64" by 64ths	17Pcs	615-4017
WITHOUT holder 0.02" to 0.500"	19Pcs	615-4019
WITH holder 0.020" to 0.500"	19Pcs	615-4119
WITH holder 0.5-7mm by 0.5mm 8-15mm by 1mm	22Pcs	615-4022
WITH holder 1/64" to 17/64" by 64ths & 9/32 to 1/2 step by 32ths	25Pcs	615-4025
WITH holder 0.010" to 0.500"	26Pcs	615-4126
WITH holder 0.5-13.0mm by 0.5mm	26Pcs	615-4226

SCREW PITCH GAGES



Blades	Checking Range	Model No.	Blades	Checking Range	Model No.
14	0.35-3.0mm, METRIC 60°	615-6317	28	0.25-2.5mm, METRIC 60°	615-6339
20	0.4-6.0mm, METRIC 60°	615-6318	22	4-48TPI, INCH 55°	615-6322
16	0.25-2.5mm, METRIC 60°	615-6320	10	13-40 TPI, METRIC 60°	615-6323
18	0.5-7.0mm METRIC 60°	615-6330	30	4-42TPI, INCH 55°	615-6324
28	0.25-2.5mm METRIC 60°	615-6332	30	4-42TPE, METRIC 60°	615-6342
18	0.4-7.0mm, METRIC 60°	615-6321	52	4-62TPI, INCH 55°	615-6348
				& 0.25-6mm, METRIC60°	
24	0.25-6.0mm, METRIC 60°	615-6340	51	4-84 TPI INCH 60°	615-6351
			30	6-60 TPI INCH 60°	615-6334