

Dimension:

Size (L)	W	H
0.5 ≤ L ≤ 10mm	9mm	30mm
L > 10mm	9mm	35mm



4105-87

- Made of ceramic, extremely wear resistance and corrosion resistance, excellent dimension stability
- Meet ISO3650
- Supplied with manufacturer inspection certificate

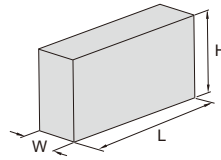
Blocks per set	Gage blocks included in set			Code	
	Size (mm)	Step (mm)	Quantity	Grade 0	Grade 1
112	1.0005		1	4105-112	4105-1112
	1.001-1.009	0.001	9		
	1.01-1.49	0.01	49		
	0.5-24.5	0.5	49		
	25-100	25	4		
103	1.005		1	4105-103	4105-1103
	1.01-1.49	0.01	49		
	0.5-24.5	0.5	49		
	25-100	25	4		
88	1.0005		1	4105-88	4105-188
	1.001-1.009	0.001	9		
	1.01-1.49	0.01	49		
	0.5-9.5	0.5	19		
87	1.001-1.009	0.001	9	4105-87	4105-187
	1.01-1.49	0.01	49		
	0.5-9.5	0.5	19		
	10-100	10	10		
76	1.005		1	4105-76	4105-176
	1.01-1.49	0.01	49		
	0.5-9.5	0.5	19		
	10-40	10	4		
56	50-100	25	3	4105-56	4105-156
	0.5		1		
	1.001-1.009	0.001	9		
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9		
	1-24	1	24		
	25-100	25	4		

Blocks per set	Gage blocks included in set			Code	
	Size (mm)	Step (mm)	Quantity	Grade 0	Grade 1
47	1.005		1	4105-47A	4105-147A
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9		
	1-24	1	24		
	25-100	25	4		
47	1.005		1	4105-47	4105-147
	1.01-1.19	0.01	19		
	1.2-1.9	0.1	8		
	1-9	1	9		
	10-100	10	10		
46	1.001-1.009	0.001	9	4105-46	4105-146
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9		
	1-9	1	9		
	10-100	10	10		
34	1.0005		1	4105-34	4105-134
	1.001-1.009	0.001	9		
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9		
	1-5	1	5		
	10		1		
32	1.005		1	4105-32	4105-132
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9		
	1-9	1	9		
	10-30	10	3		
	50		1		

INDIVIDUAL CERAMIC GAGE BLOCKS



4106-A80



Dimension:

Size (L)	W	H
0.5 ≤ L ≤ 10mm	9mm	30mm
L > 10mm	9mm	35mm

9

- Grade 0 and 1 gage blocks are available
- Made of ceramic, extremely wear resistance and corrosion resistance
- Meet ISO3650
- Supplied with manufacturer inspection certificate

Code explanation:

4106-X□□□□

→ A for grade 0

→ B for grade 1

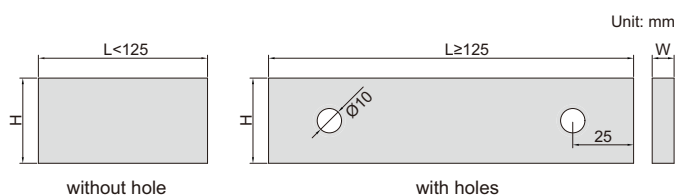
Code examples:

Size (L)	Grade	Code
0.5mm	0	4106-AD5
10mm	1	4106-B10

Size	Code	Size	Code	Size	Code	Size	Code
0.5mm	4106-XD5	1.23mm	4106-X1D23	3mm	4106-X3	17.6mm	4106-X17D6
1mm	4106-X1	1.24mm	4106-X1D24	3.5mm	4106-X3D5	18mm	4106-X18
1.0005mm	4106-X1D0005	1.25mm	4106-X1D25	4mm	4106-X4	18.5mm	4106-X18D5
1.001mm	4106-X1D001	1.26mm	4106-X1D26	4.5mm	4106-X4D5	19mm	4106-X19
1.002mm	4106-X1D002	1.27mm	4106-X1D27	5mm	4106-X5	19.5mm	4106-X19D5
1.003mm	4106-X1D003	1.28mm	4106-X1D28	5.1mm	4106-X5D1	20mm	4106-X20
1.004mm	4106-X1D004	1.29mm	4106-X1D29	5.5mm	4106-X5D5	20.2mm	4106-X20D2
1.005mm	4106-X1D005	1.3mm	4106-X1D3	6mm	4106-X6	20.5mm	4106-X20D5
1.006mm	4106-X1D006	1.31mm	4106-X1D31	6.5mm	4106-X6D5	21mm	4106-X21
1.007mm	4106-X1D007	1.32mm	4106-X1D32	7mm	4106-X7	21.5mm	4106-X21D5
1.008mm	4106-X1D008	1.33mm	4106-X1D33	7.5mm	4106-X7D5	22mm	4106-X22
1.009mm	4106-X1D009	1.34mm	4106-X1D34	7.7mm	4106-X7D7	22.5mm	4106-X22D5
1.01mm	4106-X1D01	1.35mm	4106-X1D35	8mm	4106-X8	22.8mm	4106-X22D8
1.02mm	4106-X1D02	1.36mm	4106-X1D36	8.5mm	4106-X8D5	23mm	4106-X23
1.03mm	4106-X1D03	1.37mm	4106-X1D37	9mm	4106-X9	23.5mm	4106-X23D5
1.04mm	4106-X1D04	1.38mm	4106-X1D38	9.5mm	4106-X9D5	24mm	4106-X24
1.05mm	4106-X1D05	1.39mm	4106-X1D39	10mm	4106-X10	24.5mm	4106-X24D5
1.06mm	4106-X1D06	1.4mm	4106-X1D4	10.3mm	4106-X10D3	25mm	4106-X25
1.07mm	4106-X1D07	1.41mm	4106-X1D41	10.5mm	4106-X10D5	30mm	4106-X30
1.08mm	4106-X1D08	1.42mm	4106-X1D42	11mm	4106-X11	40mm	4106-X40
1.09mm	4106-X1D09	1.43mm	4106-X1D43	11.5mm	4106-X11D5	41.3mm	4106-X41D3
1.1mm	4106-X1D1	1.44mm	4106-X1D44	12mm	4106-X12	50mm	4106-X50
1.11mm	4106-X1D11	1.45mm	4106-X1D45	12.5mm	4106-X12D5	60mm	4106-X60
1.12mm	4106-X1D12	1.46mm	4106-X1D46	12.9mm	4106-X12D9	70mm	4106-X70
1.13mm	4106-X1D13	1.47mm	4106-X1D47	13mm	4106-X13	75mm	4106-X75
1.14mm	4106-X1D14	1.48mm	4106-X1D48	13.5mm	4106-X13D5	80mm	4106-X80
1.15mm	4106-X1D15	1.49mm	4106-X1D49	14mm	4106-X14	90mm	4106-X90
1.16mm	4106-X1D16	1.5mm	4106-X1D5	14.5mm	4106-X14D5	100mm	4106-X100
1.17mm	4106-X1D17	1.6mm	4106-X1D6	15mm	4106-X15	125mm	4106-X125
1.18mm	4106-X1D18	1.7mm	4106-X1D7	15.5mm	4106-X15D5	131.4mm	4106-X131D4
1.19mm	4106-X1D19	1.8mm	4106-X1D8	16mm	4106-X16	150mm	4106-X150
1.2mm	4106-X1D2	1.9mm	4106-X1D9	16.5mm	4106-X16D5		
1.21mm	4106-X1D21	2mm	4106-X2	17mm	4106-X17		
1.22mm	4106-X1D22	2.5mm	4106-X2D5	17.5mm	4106-X17D5		



STEEL GAGE BLOCK SETS



Dimension:

Size (L)	W	H
0.5 ≤ L ≤ 10mm	9mm	30mm
L > 10mm	9mm	35mm

Code example:
"-122" stands for "4100-122"

- Made of alloy steel
- Meet ISO3650
- Gage blocks ≥ 125mm have clamping holes
- Supplied with manufacturer inspection certificate



4100-87

Blocks per set	Gage blocks included in set			Code (4100)		
	Size (mm)	Step (mm)	Quantity	Grade 0	Grade 1	Grade 2
122	1.0005		1			
	1.001-1.009	0.001	9			
	1.01-1.49	0.01	49			
	1.6-1.9	0.1	4	-122	-1122	-2122
	0.5-24.5	0.5	49			
	30-100	10	8			
	25-75	50	2			
112	1.0005		1			
	1.001-1.009	0.001	9			
	1.01-1.49	0.01	49	-112	-1112	-2112
	0.5-24.5	0.5	49			
	25-100	25	4			
103	1.005		1			
	1.01-1.49	0.01	49	-103	-1103	-2103
	0.5-24.5	0.5	49			
	25-100	25	4			
88	1.0005		1			
	1.001-1.009	0.001	9			
	1.01-1.49	0.01	49	-88	-188	-288
	0.5-9.5	0.5	19			
	10-100	10	10			
87	1.001-1.009	0.001	9			
	1.01-1.49	0.01	49	-87	-187	-287
	0.5-9.5	0.5	19			
	10-100	10	10			
83	0.5		1			
	1		1			
	1.005		1			
	1.01-1.49	0.01	49	-83	-183	-283
	1.5-1.9	0.1	5			
	2-9.5	0.5	16			
76	10-100	10	10			
	1.005		1			
	1.01-1.49	0.01	49			
	0.5-9.5	0.5	19	-76	-176	-276
	10-40	10	4			
	50-100	25	3			

Blocks per set	Gage blocks included in set			Code (4100)		
	Size (mm)	Step (mm)	Quantity	Grade 0	Grade 1	Grade 2
56	0.5		1			
	1.001-1.009	0.001	9			
	1.01-1.09	0.01	9	-56	-156	-256
	1.1-1.9	0.1	9			
	1-24	1	24			
	25-100	25	4			
47	1.005		1			
	1.01-1.09	0.01	9			
	1.1-1.9	0.1	9	-47A	-147A	-247A
	1-24	1	24			
	25-100	25	4			
47	1.005		1			
	1.01-1.19	0.01	19			
	1.2-1.9	0.1	8	-47	-147	-247
	1-9	1	9			
	10-100	10	10			
46	1.001-1.009	0.001	9			
	1.01-1.09	0.01	9			
	1.1-1.9	0.1	9	-46	-146	-246
	1-9	1	9			
	10-100	10	10			
34	1.0005		1			
	1.001-1.009	0.001	9			
	1.01-1.09	0.01	9	-34	-134	-234
	1.1-1.9	0.1	9			
	1-5	1	5			
	10		1			
32	1.005		1			
	1.01-1.09	0.01	9			
	1.1-1.9	0.1	9	-32	-132	-232
	1-9	1	9			
	10-30	10	3			
	50		1			
9	1.001-1.009	0.001	9	-9	-19	-29
9	0.991-0.999	0.001	9	-9A	-19A	-29A
8	125-175	25	3			
	200-250	50	2	-8	-18	-28
	300-500	100	3			

INDIVIDUAL STEEL GAGE BLOCKS

CUSTOM-MADE
CAN SUPPLY ANY SIZES FROM
0.5 TO 1000MM, SUCH AS 72.672MM



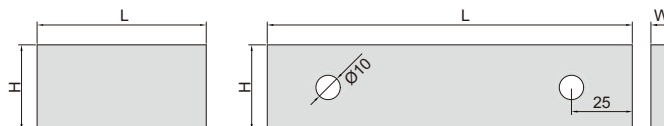
- Grade 0, 1 and 2 gage blocks are available
- Made of alloy steel
- Meet ISO3650
- Gage blocks with clamping holes: 125, 150, 175, 200, 250, 300, 400, 500, 600, 700, 800, 900, 1000mm
- Supplied with manufacturer inspection certificate



4101-A70

4101-A200

Unit: mm



without hole

with holes

Code explanation:

4101-X□□□□□

- A for grade 0
- B for grade 1
- C for grade 2

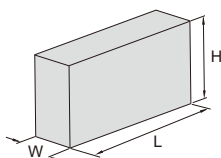
Code examples:

Size (L)	Grade	Code
0.5mm	0	4101-AD5
1mm	1	4101-B1
10.5mm	2	4101-C10D5

Dimension:

Size (L)	W	H
0.5 ≤ L ≤ 10mm	9mm	30mm
L > 10mm	9mm	35mm

Size	Code	Size	Code	Size	Code	Size	Code
0.5mm	4101- <u>X</u> D5	1.19mm	4101- <u>X</u> 1D19	3.5mm	4101- <u>X</u> 3D5	20.2mm	4101- <u>X</u> 20D2
0.991mm	4101- <u>X</u> D991	1.2mm	4101- <u>X</u> 1D2	4mm	4101- <u>X</u> 4	20.5mm	4101- <u>X</u> 20D5
0.992mm	4101- <u>X</u> D992	1.21mm	4101- <u>X</u> 1D21	4.5mm	4101- <u>X</u> 4D5	21mm	4101- <u>X</u> 21
0.993mm	4101- <u>X</u> D993	1.22mm	4101- <u>X</u> 1D22	5mm	4101- <u>X</u> 5	21.5mm	4101- <u>X</u> 21D5
0.994mm	4101- <u>X</u> D994	1.23mm	4101- <u>X</u> 1D23	5.1mm	4101- <u>X</u> 5D1	22mm	4101- <u>X</u> 22
0.995mm	4101- <u>X</u> D995	1.24mm	4101- <u>X</u> 1D24	5.5mm	4101- <u>X</u> 5D5	22.5mm	4101- <u>X</u> 22D5
0.996mm	4101- <u>X</u> D996	1.25mm	4101- <u>X</u> 1D25	6mm	4101- <u>X</u> 6	22.8mm	4101- <u>X</u> 22D8
0.997mm	4101- <u>X</u> D997	1.26mm	4101- <u>X</u> 1D26	6.5mm	4101- <u>X</u> 6D5	23mm	4101- <u>X</u> 23
0.998mm	4101- <u>X</u> D998	1.27mm	4101- <u>X</u> 1D27	7mm	4101- <u>X</u> 7	23.5mm	4101- <u>X</u> 23D5
0.999mm	4101- <u>X</u> D999	1.28mm	4101- <u>X</u> 1D28	7.5mm	4101- <u>X</u> 7D5	24mm	4101- <u>X</u> 24
1mm	4101- <u>X</u> 1	1.29mm	4101- <u>X</u> 1D29	7.7mm	4101- <u>X</u> 7D7	24.5mm	4101- <u>X</u> 24D5
1.0005mm	4101- <u>X</u> 1D0005	1.3mm	4101- <u>X</u> 1D3	8mm	4101- <u>X</u> 8	25mm	4101- <u>X</u> 25
1.001mm	4101- <u>X</u> 1D001	1.31mm	4101- <u>X</u> 1D31	8.5mm	4101- <u>X</u> 8D5	30mm	4101- <u>X</u> 30
1.002mm	4101- <u>X</u> 1D002	1.32mm	4101- <u>X</u> 1D32	9mm	4101- <u>X</u> 9	35mm	4101- <u>X</u> 35
1.003mm	4101- <u>X</u> 1D003	1.33mm	4101- <u>X</u> 1D33	9.5mm	4101- <u>X</u> 9D5	40mm	4101- <u>X</u> 40
1.004mm	4101- <u>X</u> 1D004	1.34mm	4101- <u>X</u> 1D34	10mm	4101- <u>X</u> 10	41.3mm	4101- <u>X</u> 41D3
1.005mm	4101- <u>X</u> 1D005	1.35mm	4101- <u>X</u> 1D35	10.3mm	4101- <u>X</u> 10D3	45mm	4101- <u>X</u> 45
1.006mm	4101- <u>X</u> 1D006	1.36mm	4101- <u>X</u> 1D36	10.5mm	4101- <u>X</u> 10D5	50mm	4101- <u>X</u> 50
1.007mm	4101- <u>X</u> 1D007	1.37mm	4101- <u>X</u> 1D37	11mm	4101- <u>X</u> 11	60mm	4101- <u>X</u> 60
1.008mm	4101- <u>X</u> 1D008	1.38mm	4101- <u>X</u> 1D38	11.5mm	4101- <u>X</u> 11D5	70mm	4101- <u>X</u> 70
1.009mm	4101- <u>X</u> 1D009	1.39mm	4101- <u>X</u> 1D39	12mm	4101- <u>X</u> 12	75mm	4101- <u>X</u> 75
1.01mm	4101- <u>X</u> 1D01	1.4mm	4101- <u>X</u> 1D4	12.5mm	4101- <u>X</u> 12D5	80mm	4101- <u>X</u> 80
1.02mm	4101- <u>X</u> 1D02	1.41mm	4101- <u>X</u> 1D41	12.9mm	4101- <u>X</u> 12D9	90mm	4101- <u>X</u> 90
1.03mm	4101- <u>X</u> 1D03	1.42mm	4101- <u>X</u> 1D42	13mm	4101- <u>X</u> 13	100mm	4101- <u>X</u> 100
1.04mm	4101- <u>X</u> 1D04	1.43mm	4101- <u>X</u> 1D43	13.5mm	4101- <u>X</u> 13D5	125mm	4101- <u>X</u> 125
1.05mm	4101- <u>X</u> 1D05	1.44mm	4101- <u>X</u> 1D44	14mm	4101- <u>X</u> 14	131.4mm	4101- <u>X</u> 131D4
1.06mm	4101- <u>X</u> 1D06	1.45mm	4101- <u>X</u> 1D45	14.5mm	4101- <u>X</u> 14D5	150mm	4101- <u>X</u> 150
1.07mm	4101- <u>X</u> 1D07	1.46mm	4101- <u>X</u> 1D46	15mm	4101- <u>X</u> 15	175mm	4101- <u>X</u> 175
1.08mm	4101- <u>X</u> 1D08	1.47mm	4101- <u>X</u> 1D47	15.5mm	4101- <u>X</u> 15D5	200mm	4101- <u>X</u> 200
1.09mm	4101- <u>X</u> 1D09	1.48mm	4101- <u>X</u> 1D48	16mm	4101- <u>X</u> 16	250mm	4101- <u>X</u> 250
1.1mm	4101- <u>X</u> 1D1	1.49mm	4101- <u>X</u> 1D49	16.5mm	4101- <u>X</u> 16D5	300mm	4101- <u>X</u> 300
1.11mm	4101- <u>X</u> 1D11	1.5mm	4101- <u>X</u> 1D5	17mm	4101- <u>X</u> 17	400mm	4101- <u>X</u> 400
1.12mm	4101- <u>X</u> 1D12	1.6mm	4101- <u>X</u> 1D6	17.5mm	4101- <u>X</u> 17D5	500mm	4101- <u>X</u> 500
1.13mm	4101- <u>X</u> 1D13	1.7mm	4101- <u>X</u> 1D7	17.6mm	4101- <u>X</u> 17D6	600mm	4101- <u>X</u> 600
1.14mm	4101- <u>X</u> 1D14	1.8mm	4101- <u>X</u> 1D8	18mm	4101- <u>X</u> 18	700mm	4101- <u>X</u> 700
1.15mm	4101- <u>X</u> 1D15	1.9mm	4101- <u>X</u> 1D9	18.5mm	4101- <u>X</u> 18D5	750mm	4101- <u>X</u> 750
1.16mm	4101- <u>X</u> 1D16	2mm	4101- <u>X</u> 2	19mm	4101- <u>X</u> 19	800mm	4101- <u>X</u> 800
1.17mm	4101- <u>X</u> 1D17	2.5mm	4101- <u>X</u> 2D5	19.5mm	4101- <u>X</u> 19D5	900mm	4101- <u>X</u> 900
1.18mm	4101- <u>X</u> 1D18	3mm	4101- <u>X</u> 3	20mm	4101- <u>X</u> 20	1000mm	4101- <u>X</u> 1000



Dimension:

Size (L)	W	H
0.5 ≤ L ≤ 10mm	9mm	30mm
L > 10mm	9mm	35mm



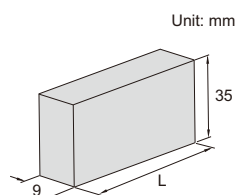
4164-32

- Made of carbide, extremely wear resistance and corrosion resistance, excellent dimension stability
- Meet ISO3650
- Supplied with manufacturer inspection certificate

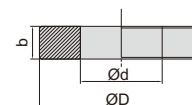
Blocks per set	Gage blocks included in set			Code	
	Size (mm)	Step (mm)	Quantity	Grade 0	Grade 1
122	1.0005		1	4164-122	4164-1122
	1.001-1.009	0.001	9		
	1.01-1.49	0.01	49		
	1.6-1.9	0.1	4		
	0.5-24.5	0.5	49		
	30-100	10	8		
	25-75	50	2		
112	1.0005		1	4164-112	4164-1112
	1.001-1.009	0.001	9		
	1.01-1.49	0.01	49		
	0.5-24.5	0.5	49		
	25-100	25	4		
103	1.005		1	4164-103	4164-1103
	1.01-1.49	0.01	49		
	0.5-24.5	0.5	49		
	25-100	25	4		
87	1.001-1.009	0.001	9	4164-87	4164-187
	1.01-1.49	0.01	49		
	0.5-9.5	0.5	19		
	10-100	10	10		
83	0.5		1	4164-83	4164-183
	1		1		
	1.005		1		
	1.01-1.49	0.01	49		
	1.5-1.9	0.1	5		
	2-9.5	0.5	16		
	10-100	10	10		

Blocks per set	Gage blocks included in set			Code	
	Size (mm)	Step (mm)	Quantity	Grade 0	Grade 1
76	1.005		1	4164-76	4164-176
	1.01-1.49	0.01	49		
	0.5-9.5	0.5	19		
	10-40	10	4		
	50-100	25	3		
47	1.005		1	4164-47A	4164-147A
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9		
	1-24	1	24		
47	25-100	25	4	4164-47	4164-147
	1.005		1		
	1.01-1.19	0.01	19		
	1.2-1.9	0.1	8		
	1-9	1	9		
46	10-100	10	10	4164-46	4164-146
	1.001-1.009	0.001	9		
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9		
	1-9	1	9		
32	10-100	10	10	4164-32	4164-132
	1.005		1		
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9		
	1-9	1	9		
	10-30	10	3		
	50		1		

CALIPER INSPECTION GAGE BLOCK AND RING GAGE SETS



4176-30



Ring gage sizes:

diameter (Ød)*	b	ØD
Ø4mm	5mm	22mm
Ø25mm	14mm	53mm

* The size of the ring gage when supplied may have deviation. For example, the size Ø25mm may be 24.996mm

- Gage blocks meet ISO3650
- Ring gages meet DIN2250-1:2008
- Supplied with manufacturer inspection certificate

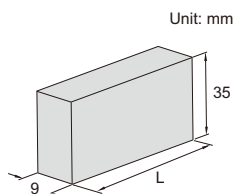
Grade of gage blocks: 2

Code	Material	Gage blocks included in set (L)	Ring gages included in set (Ød)	Applicable calipers (mm)
4176-30	alloy steel	30, 41.3, 131.4	4, 25	0-150

Grade of gage blocks: 1

Code	Material	Gage blocks included in set (L)	Ring gages included in set (Ød)	Applicable calipers (mm)
4176-301	alloy steel	30, 41.3, 131.4	4, 25	0-150

CALIPER INSPECTION GAGE BLOCK SET



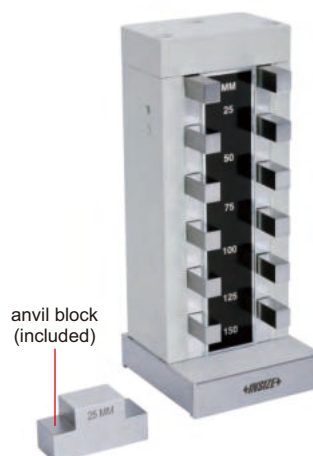
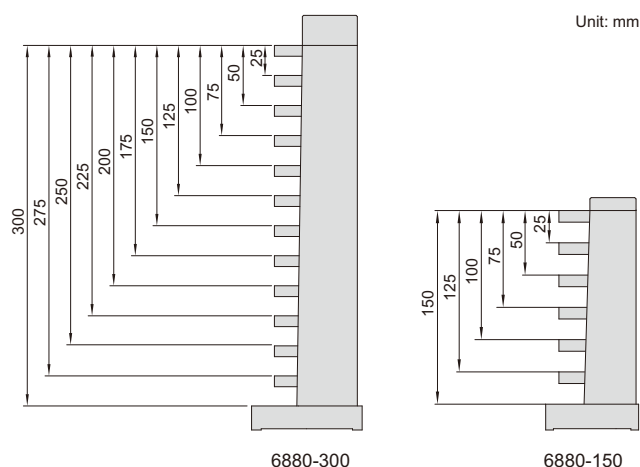
4108-3005

- Meet ISO3650/grade 2
- Supplied with manufacturer inspection certificate

Code	Material	Gage blocks included in set (L)	Applicable calipers (mm)
4108-3005	alloy steel	30, 41.3, 131.4, 243.5, 281.2	0-150, 0-200, 0-300

DEPTH MICROMETER CHECKERS

- To check depth micrometers and set zero
- Constructed with steel gage blocks
- Supplied with anvil block



6880-150

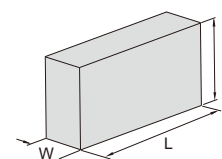
application



Code	Size	Range (mm)	Accuracy
6880-150 *	0-150mm	25, 50, 75, 100, 125, 150	±2μm
6880-300 *	0-300mm	25, 50, 75, 100, 125, 150, 175, 200, 225, 250, 275, 300	±3μm

* Supplied with manufacturer inspection certificate

MICROMETER INSPECTION GAGE BLOCK SETS



Dimension:

Size (L)	W	H
0.5 ≤ L ≤ 10mm	9mm	30mm
L > 10mm	9mm	35mm

- One piece of optical flat is included in 4107-10 and 4107-101
- Meet ISO3650/grade 0
- Supplied with manufacturer inspection certificate

4107-10

Code	Material	Gage blocks included in set (mm)	Applicable micrometer	Optical flat
4107-10	ceramic	2.5, 5.1, 7.7, 10.3, 12.9, 15, 17.6, 20.2, 22.8, 25, optical flat	0-25mm	included
4107-101	alloy steel	2.5, 5.1, 7.7, 10.3, 12.9, 15, 17.6, 20.2, 22.8, 25, optical flat	0-25mm	included
4107-112	alloy steel	25, 27.5, 30.1, 32.7, 35.3, 37.9, 40, 42.6, 45.2, 47.8, 50	25-50mm	not included
4107-113	alloy steel	50, 52.5, 55.1, 57.7, 60.3, 62.9, 65, 67.6, 70.2, 72.8, 75	50-75mm	not included
4107-114	alloy steel	75, 77.5, 80.1, 82.7, 85.3, 87.9, 90, 92.6, 95.2, 97.8, 100	75-100mm	not included
4107-115	alloy steel	5.12, 10.24, 15.36, 21.5, 25, 30.12, 35.24, 40.36, 46.5, 50, 55.12, 60.24, 65.36, 71.5, 75, 80.12, 85.24, 90.36, 96.5, 100	0-100mm	not included

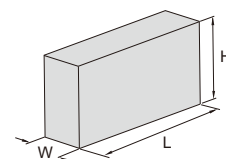
MICROMETER INSPECTION GAGE BLOCK SET



application



4160-10



Dimension:

Size (L)	W	H
$0.5 \leq L \leq 10\text{mm}$	9mm	30mm
$L > 10\text{mm}$	9mm	35mm

- Meet ISO3650/grade 0
- One piece of optical flat is included (size $\varnothing 30 \times 12\text{mm}$)
- Supplied with manufacturer inspection certificate

optical flat (included)



Code	Material	Gage blocks included in set	Applicable micrometer
4160-10	alloy steel	2.5mm, 5.1mm, 7.7mm, 10.3mm, 12.9mm, 15mm, 17.6mm, 20.2mm, 22.8mm, 25mm	0-25mm

9

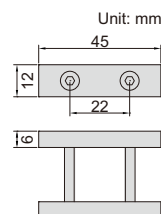
GAGE BLOCK HOLDERS

- Made of aluminum
- To be used with individual steel gage blocks (code 4101) as Go and No-Go gage

Code	Applicable gage block size
6883-1	1.5-5mm
6883-2	5-10mm
6883-3	10-15mm
6883-4	15-20mm
6883-5	20-25mm



6883-4



To be used as Go and No-Go gage



GAGE BLOCK HOLDER

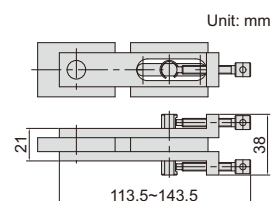


- For gage blocks over 100mm with clamping holes
- Optional accessory: gage block holder accessory, gage block accessory (code 6881)

Code
6886-1



6886-1



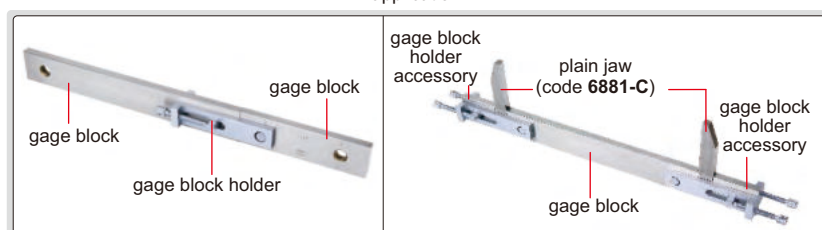
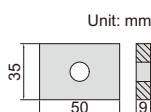
GAGE BLOCK HOLDER ACCESSORY

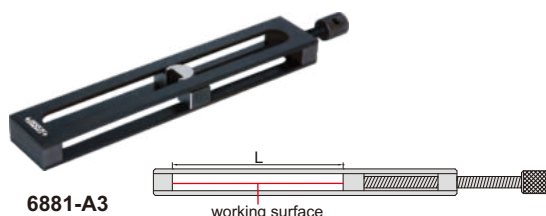
application

Code
6886-A



6886-A





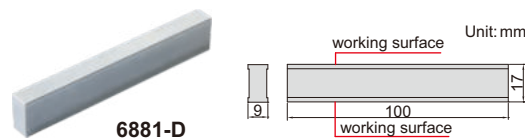
Code	Name	Clamping range* (L)
6881-A1	holder	0-25mm
6881-A2	holder	25-50mm
6881-A3	holder	50-100mm
6881-A4	holder	100-200mm
6881-A5	holder	200-300mm
6881-A6**	holder	300-500mm

* The actual clamping range should deduct the width of jaws

** Not suitable for base 6881-B



Code	Name	Remark
6881-F	scriber	made of carbide



Code	Name	Remark
6881-D	parallel jaw	made of carbide

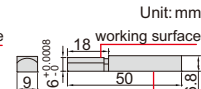
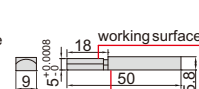
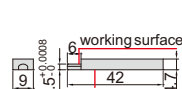
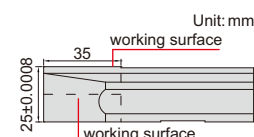


holder, 0-25mm (code 6881-A1)	1 pc
holder, 25-50mm (code 6881-A2)	1 pc
holder, 50-100mm (code 6881-A3)	1 pc
holder, 100-200mm (code 6881-A4)	1 pc
holder, 200-300mm (code 6881-A5)	1 pc
base (code 6881-B)	1 pc
plain jaw (code 6881-C)	1 pair
parallel jaw (code 6881-D)	1 pc
half round jaw, 2.5mm (code 6881-E1)	1 pair
half round jaw, 5.0mm (code 6881-E2)	1 pair
half round jaw, 6.0mm (code 6881-E3)	1 pair
scriber (code 6881-F)	1 pc
centre point (code 6881-G)	1 pc

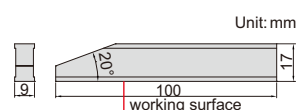


GAGE BLOCK ACCESSORIES

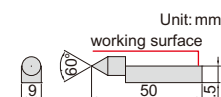
Code	Name
6881-B	base



Code	Name	Size	Remark
6881-E1	half round jaw	2.5mm	made of carbide, supplied in pair
6881-E2	half round jaw	5.0mm	made of carbide, supplied in pair
6881-E3	half round jaw	6.0mm	made of carbide, supplied in pair



Code	Name	Remark
6881-C	plain jaw	made of carbide, supplied in pair



Code	Name	Remark
6881-G	centre point	the tip is made of carbide

GAGE BLOCK ACCESSORY SET

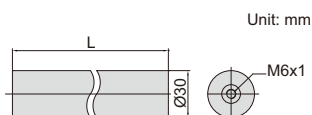
Code	Remark
6881-S17	17 pcs (including below items)

application

(plain jaw+holder) set zero for bore gage and inside micrometers	(base+holder+scriber) measure height or scribe	(half round jaw+holder) measure inside diameter
(scriber+centre point+holder) scribe circle	(plain jaw+parallel jaw+holder) Go and No Go inspection	

CYLINDER GAGE BLOCKS

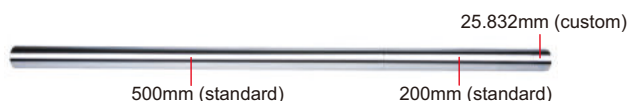
CUSTOM-MADE
CAN SUPPLY ANY LENGTH, SUCH AS 80.672MM



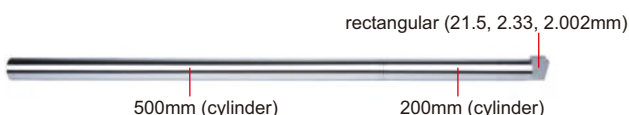
- Made of special alloy steel, hardness HRC64, high stability, wear resistance and easy combination
- Meet ISO3650 grade 1
- Can be connected with M6x1 screw and combined to any sizes up to 4m

can be combined to any sizes up to 4m

Combination 1: combined by several standard size cylinder gage blocks and one custom size cylinder gage block
For example: 500 (standard) + 200 (standard) + 25.832 (custom)=725.832mm
Note: in order to reduce cost, custom size should be within 100mm



Combination 2: combined by standard size cylinder gage blocks and rectangular gage blocks
For example: 500 (cylinder) + 200 (cylinder) + 21.5 (rectangular) + 2.33 (rectangular) + 2.002 (rectangular)=725.832mm



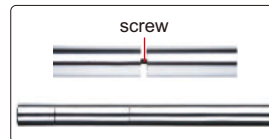
high stability in vertical position,
suitable for checking height gages



Code	Length (L)
4001-25 *	25mm
4001-50 *	50mm
4001-75 *	75mm
4001-100 *	100mm
4001-200 *	200mm
4001-300 *	300mm
4001-400 *	400mm
4001-500 *	500mm

* Supplied with manufacturer inspection certificate

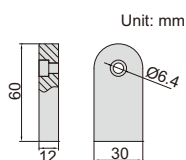
connected with M6x1mm screw



INTERNAL BLOCKS



4001-A



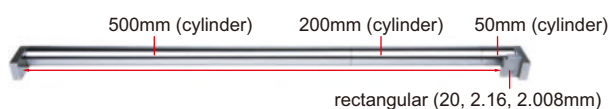
- Can be attached to cylinder and rectangular gage blocks
- Made of special alloy steel, hardness HRC64, high stability, wear resistance and easy combination
- Supplied in a matched pair

Code	Size	Flatness
4001-A	12mm	0.2μm

Combination 1: combined by several standard size cylinder gage blocks and one custom size cylinder gage block
For example: 500 (standard) + 200 (standard) + 25.832 (custom)=725.832mm
Note: in order to reduce cost, custom size should be within 100mm



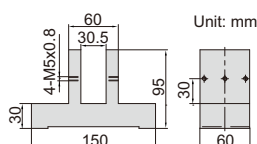
Combination 2: combined by standard size cylinder gage blocks and rectangular gage blocks
For example: 500 (cylinder) + 200 (cylinder) + 50 (rectangular) - 20 (rectangular) - 2.16 (rectangular) - 2.008 (rectangular)=725.832mm



BASE

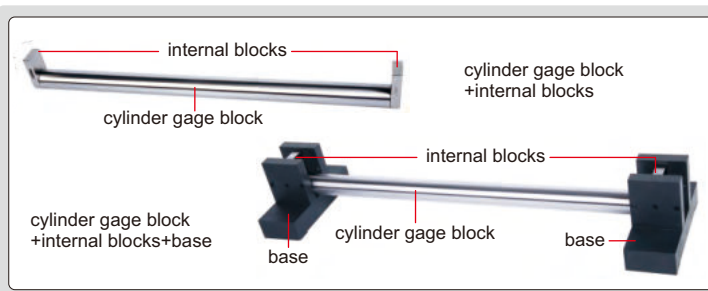


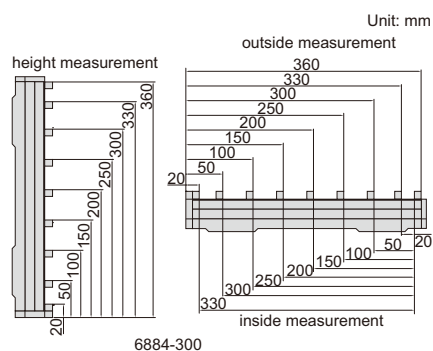
4001-B



Code	Remark
4001-B	supplied in pair

working with base



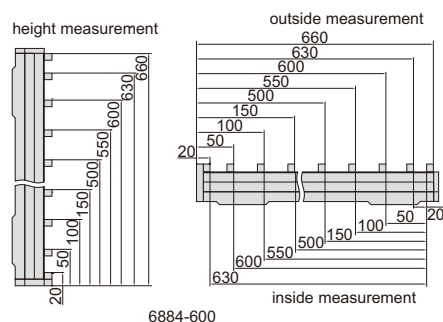


horizontal use

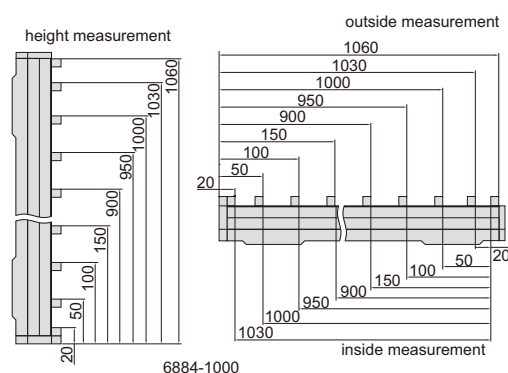


vertical use

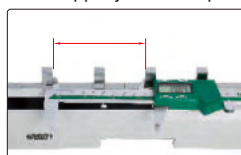
6884-300



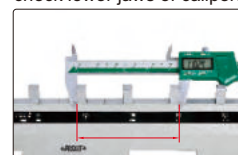
- To check calipers and height gages
- Constructed with steel gage blocks



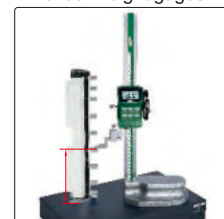
check upper jaws of calipers



check lower jaws of calipers



check height gages



(mm)

Code	Size	Range of inside measurement	Range of outside measurement	Range of height measurement	Accuracy
6884-300 *	0-300mm	20, 50, 100, 150, 200, 250, 300, 330	20, 50, 100, 150, 200, 250, 300, 330, 360	20, 50, 100, 150, 200, 250, 300, 330, 360	±3μm
6884-600 *	0-600mm	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 630	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 630, 660	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 630, 660	±5μm
6884-1000 *	0-1000mm	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1030	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1030, 1060	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1030, 1060	±7μm

* Supplied with manufacturer inspection certificate

INSIDE MICROMETER ACCESSORY

- Supplied with a pair of 5mm carbide gage blocks

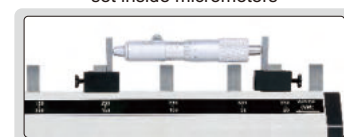
Code
6884-A10 *

* Supplied with manufacturer inspection certificate



6884-A10

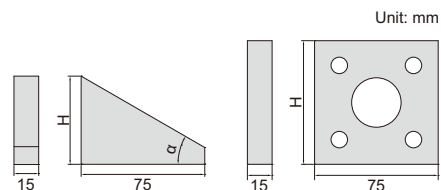
set inside micrometers



ANGLE GAGE BLOCKS



4002-15

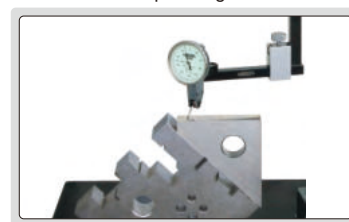


- Accuracy: $\pm 2''$
- To inspect protractor, taper gage, index plate, index head and goniometer, can also be used to set angle
- Made of special alloy steel, hardness HRC64, high stability, wear resistance and easy combination
- Can be combined to any angle with interval 6 seconds after combination (6", 12", 18", ... , 360°)

Individual

Code	Angle (α)	H (mm)
4002-A1 *	1°	11.5
4002-A3 *	3°	14.0
4002-A5 *	5°	16.5
4002-A9 *	9°	22.0
4002-A15 *	15°	30.5
4002-A27 *	27°	48.0
4002-A30 *	30°	53.5
4002-A41 *	41°	75.0
4002-A45 *	45°	84.0
4002-B1 *	1'	10.0
4002-B3 *	3'	10.0
4002-B5 *	5'	10.0
4002-B9 *	9'	10.0
4002-B20 *	20'	10.0
4002-B27 *	27'	10.0
4002-B30 *	30'	10.0
4002-C6 *	6"	10.0
4002-C12 *	12"	10.0
4002-C18 *	18"	10.0
4002-C30 *	30"	10.0
4002-D *	90°/90°/90°/90°	75.0

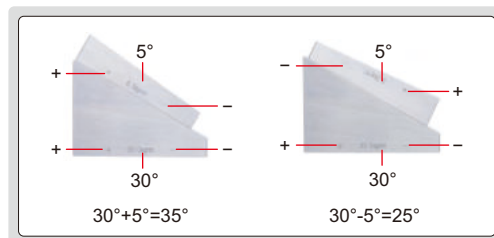
inspect angle



set angle of plate



combination



Set

Code	Angle (α)	Total quantity
4002-13 *	1°, 3°, 9°, 27°, 41°, 1', 3', 9', 27', 6", 18", 30", 90°/90°/90°/90°	13
4002-15 *	1°, 3°, 5°, 15°, 30°, 45°, 1', 3', 5', 20', 30', 6", 12", 30", 90°/90°/90°/90°	15

* Supplied with manufacturer inspection certificate