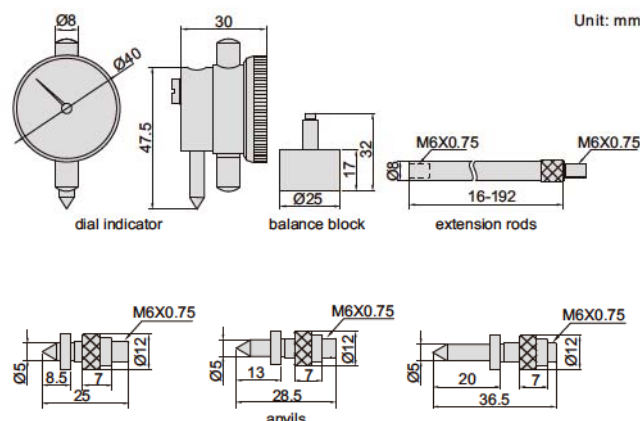


CRANKSHAFT TESTERS

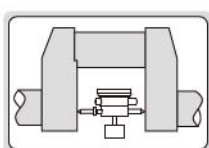
Unit: mm



2841-500



- To test crankshaft deflection
- The balance block is mounted on the back of dial indicator to keep the dial indicator facing up



Code	Range	Dial indicator range	Graduation	Extension rods	Accuracy
2841-300	60-300mm	3mm	0.01mm	16mm, 32mm, 64mm, 128mm	±0.016mm
2841-500	60-500mm	3mm	0.01mm	16mm, 32mm, 64mm, 96mm, 128mm, 192mm	±0.016mm

GAGE BLOCKS

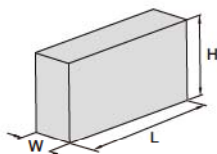
Accuracy according to ISO3650

Nominal length (mm)	Grade 0		Grade 1		Grade 2	
	Limit deviation of length	Tolerance for the variation in length	Limit deviation of length	Tolerance for the variation in length	Limit deviation of length	Tolerance for the variation in length
over 0.5 to 10	±0.12μm	0.10μm	±0.20μm	0.16μm	±0.45μm	0.30μm
over 10 to 25	±0.14μm	0.10μm	±0.30μm	0.16μm	±0.60μm	0.30μm
over 25 to 50	±0.20μm	0.10μm	±0.40μm	0.18μm	±0.80μm	0.30μm
over 50 to 75	±0.25μm	0.12μm	±0.50μm	0.18μm	±1.00μm	0.35μm
over 75 to 100	±0.30μm	0.12μm	±0.60μm	0.20μm	±1.20μm	0.35μm
over 100 to 150	±0.40μm	0.14μm	±0.80μm	0.20μm	±1.60μm	0.40μm
over 150 to 200	±0.50μm	0.16μm	±1.00μm	0.25μm	±2.00μm	0.40μm
over 200 to 250	±0.60μm	0.16μm	±1.20μm	0.25μm	±2.40μm	0.45μm
over 250 to 300	±0.70μm	0.18μm	±1.40μm	0.25μm	±2.80μm	0.50μm
over 300 to 400	±0.90μm	0.20μm	±1.80μm	0.30μm	±3.60μm	0.50μm
over 400 to 500	±1.10μm	0.25μm	±2.20μm	0.35μm	±4.40μm	0.60μm
over 500 to 600	±1.30μm	0.25μm	±2.60μm	0.40μm	±5.00μm	0.70μm
over 600 to 700	±1.50μm	0.30μm	±3.00μm	0.45μm	±6.00μm	0.70μm
over 700 to 800	±1.70μm	0.30μm	±3.40μm	0.50μm	±6.50μm	0.80μm
over 800 to 900	±1.90μm	0.35μm	±3.80μm	0.50μm	±7.50μm	0.90μm
over 900 to 1000	±2.00μm	0.40μm	±4.20μm	0.60μm	±8.00μm	1.00μm

Grade and application

Grade	Application
0	To be used as basic standards in calibration laboratories by skilled inspection staff, to calibrate or set high accuracy measuring instruments, to calibrate gage blocks of grade 1 and 2.
1	To be used in inspection rooms, to check gages, inspect high accuracy parts and set measuring instruments.
2	To be used in workshops, to check production gages, set measuring instruments and mount tools.

CERAMIC GAGE BLOCK SETS



Dimension:

Size (L)	W	H
$0.5 \leq L \leq 10\text{mm}$	9mm	30mm
$L > 10\text{mm}$	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		
	1.001-1.009	0.001	9		
	1.01-1.49	0.01	49	4105-112	4105-1112
	0.5-24.5	0.5	49		
	25-100	25	4		
103	1.005		1		
	1.01-1.49	0.01	49	4105-103	4105-1103
	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	4105-88	4105-188
	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	4105-87	4105-187
	0.5-9.5	0.5	19		
	10-100	10	10		
76	1.005		1		
	1.01-1.49	0.01	49	4105-76	4105-176
	0.5-9.5	0.5	19		
	10-40	10	4		
	50-100	25	3		
56	0.5		1		
	1.001-1.009	0.001	9		
	1.01-1.09	0.01	9	4105-56	4105-156
	1.1-1.9	0.1	9		
	1-24	1	24		
	25-100	25	4		

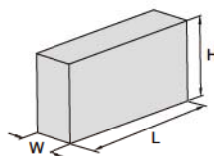
Blocks per set	Gage blocks included in set			Code	
	Size (mm)	Step (mm)	Quantity	Grade 0	Grade 1
47	1.005		1		
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9	4105-47A	4105-147A
	1-24	1	24		
	25-100	25	4		
47	1.005		1		
	1.01-1.19	0.01	19		
	1.2-1.9	0.1	8	4105-47	4105-147
	1-9	1	9		
	10-100	10	10		
46	1.001-1.009	0.001	9		
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9	4105-46	4105-146
	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	4105-34	4105-134
	1.1-1.9	0.1	9		
	1-5	1	5		
32	10		1		
	1.005		1		
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9	4105-32	4105-132
	1-9	1	9		
	10-30	10	3		
8	50		1		
	125-175	25	3		
	200-250	50	2	4105-8	4105-18
	300-500	100	3		



INDIVIDUAL CERAMIC GAGE BLOCKS



4106-A80



Dimension:

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

Code explanation:

4106-X□□□□□

→ A for grade 0

→ B for grade 1

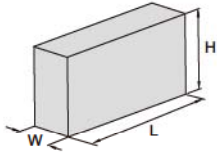
Code examples:

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

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

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
$0.5 \leq L \leq 10\text{mm}$	9mm	30mm
$L > 10\text{mm}$	9mm	35mm



4100-87

- Made of alloy steel
- 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	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	4100-122	4100-1122	4100-2122
	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	4100-112	4100-1112	4100-2112
	0.5-24.5	0.5	49			
	25-100	25	4			
103	1.0005		1			
	1.01-1.49	0.01	49	4100-103	4100-1103	4100-2103
	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	4100-88	4100-188	4100-288
	0.5-9.5	0.5	19			
	10-100	10	10			
87	1.001-1.009	0.001	9	4100-87	4100-187	4100-287
	1.01-1.49	0.01	49			
	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	4100-83	4100-183	4100-283
	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	4100-76	4100-176	4100-276
	10-40	10	4			
	50-100	25	3			

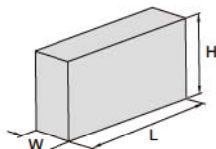
Blocks per set	Gage blocks included in set			Code		
	Size (mm)	Step (mm)	Quantity	Grade 0	Grade 1	Grade 2
56	0.5		1			
	1.001-1.009	0.001	9			
	1.01-1.09	0.01	9	4100-56	4100-156	4100-256
	1.1-1.9	0.1	9			
	1-24	1	24			
	25-100	25	4			
	1.005		1			
47	1.01-1.09	0.01	9			
	1.1-1.9	0.1	9	4100-47A	4100-147A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

CUSTOM-MADE

CAN SUPPLY ANY SIZES FROM 0.5 TO 1000MM, SUCH AS 72.672MM
 SIZE<100MM: MOQ 6PCS PER SIZE
 SIZE>100MM: MOQ 3PCS PER SIZE



4101-A70



Dimension:

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



Code explanation:

4101-X□□□□

Code examples:

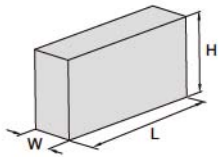
Size (L)	Grade	Code
0.5mm	0	4101-AD5
1mm	1	4101-B1
10.5mm	2	4101-C10D5

- Made of alloy steel
- Meet ISO3650
- Supplied with manufacturer inspection certificate

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

Size	Code	Size	Code	Size	Code	Size	Code
0.5mm	4101-XD5	1.19mm	4101-X1D19	3.5mm	4101-X3D5	20.2mm	4101-X20D2
0.991mm	4101-XD991	1.2mm	4101-X1D2	4mm	4101-X4	20.5mm	4101-X20D5
0.992mm	4101-XD992	1.21mm	4101-X1D21	4.5mm	4101-X4D5	21mm	4101-X21
0.993mm	4101-XD993	1.22mm	4101-X1D22	5mm	4101-X5	21.5mm	4101-X21D5
0.994mm	4101-XD994	1.23mm	4101-X1D23	5.1mm	4101-X5D1	22mm	4101-X22
0.995mm	4101-XD995	1.24mm	4101-X1D24	5.5mm	4101-X5D5	22.5mm	4101-X22D5
0.996mm	4101-XD996	1.25mm	4101-X1D25	6mm	4101-X6	22.8mm	4101-X22D8
0.997mm	4101-XD997	1.26mm	4101-X1D26	6.5mm	4101-X6D5	23mm	4101-X23
0.998mm	4101-XD998	1.27mm	4101-X1D27	7mm	4101-X7	23.5mm	4101-X23D5
0.999mm	4101-XD999	1.28mm	4101-X1D28	7.5mm	4101-X7D5	24mm	4101-X24
1mm	4101-X1	1.29mm	4101-X1D29	7.7mm	4101-X7D7	24.5mm	4101-X24D5
1.0005mm	4101-X1D0005	1.3mm	4101-X1D3	8mm	4101-X8	25mm	4101-X25
1.001mm	4101-X1D001	1.31mm	4101-X1D31	8.5mm	4101-X8D5	30mm	4101-X30
1.002mm	4101-X1D002	1.32mm	4101-X1D32	9mm	4101-X9	35mm	4101-X35
1.003mm	4101-X1D003	1.33mm	4101-X1D33	9.5mm	4101-X9D5	40mm	4101-X40
1.004mm	4101-X1D004	1.34mm	4101-X1D34	10mm	4101-X10	41.3mm	4101-X41D3
1.005mm	4101-X1D005	1.35mm	4101-X1D35	10.3mm	4101-X10D3	45mm	4101-X45
1.006mm	4101-X1D006	1.36mm	4101-X1D36	10.5mm	4101-X10D5	50mm	4101-X50
1.007mm	4101-X1D007	1.37mm	4101-X1D37	11mm	4101-X11	60mm	4101-X60
1.008mm	4101-X1D008	1.38mm	4101-X1D38	11.5mm	4101-X11D5	70mm	4101-X70
1.009mm	4101-X1D009	1.39mm	4101-X1D39	12mm	4101-X12	75mm	4101-X75
1.01mm	4101-X1D01	1.4mm	4101-X1D4	12.5mm	4101-X12D5	80mm	4101-X80
1.02mm	4101-X1D02	1.41mm	4101-X1D41	12.9mm	4101-X12D9	90mm	4101-X90
1.03mm	4101-X1D03	1.42mm	4101-X1D42	13mm	4101-X13	100mm	4101-X100
1.04mm	4101-X1D04	1.43mm	4101-X1D43	13.5mm	4101-X13D5	125mm	4101-X125
1.05mm	4101-X1D05	1.44mm	4101-X1D44	14mm	4101-X14	131.4mm	4101-X131D4
1.06mm	4101-X1D06	1.45mm	4101-X1D45	14.5mm	4101-X14D5	150mm	4101-X150
1.07mm	4101-X1D07	1.46mm	4101-X1D46	15mm	4101-X15	175mm	4101-X175
1.08mm	4101-X1D08	1.47mm	4101-X1D47	15.5mm	4101-X15D5	200mm	4101-X200
1.09mm	4101-X1D09	1.48mm	4101-X1D48	16mm	4101-X16	250mm	4101-X250
1.1mm	4101-X1D1	1.49mm	4101-X1D49	16.5mm	4101-X16D5	300mm	4101-X300
1.11mm	4101-X1D11	1.5mm	4101-X1D5	17mm	4101-X17	400mm	4101-X400
1.12mm	4101-X1D12	1.6mm	4101-X1D6	17.5mm	4101-X17D5	500mm	4101-X500
1.13mm	4101-X1D13	1.7mm	4101-X1D7	17.6mm	4101-X17D6	600mm	4101-X600
1.14mm	4101-X1D14	1.8mm	4101-X1D8	18mm	4101-X18	700mm	4101-X700
1.15mm	4101-X1D15	1.9mm	4101-X1D9	18.5mm	4101-X18D5	750mm	4101-X750
1.16mm	4101-X1D16	2mm	4101-X2	19mm	4101-X19	800mm	4101-X800
1.17mm	4101-X1D17	2.5mm	4101-X2D5	19.5mm	4101-X19D5	900mm	4101-X900
1.18mm	4101-X1D18	3mm	4101-X3	20mm	4101-X20	1000mm	4101-X1000

CARBIDE GAGE BLOCK SETS



Dimension:

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

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



4164-32

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

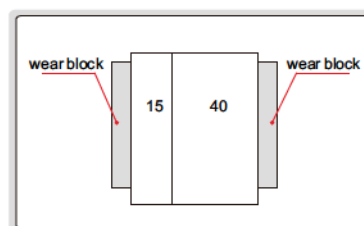
Blocks per set	Gage blocks included in set			Code	
	Size (mm)	Step (mm)	Quantity	Grade 0	Grade 1
76	1.005		1		
	1.01-1.49	0.01	49		
	0.5-9.5	0.5	19	4164-76	4164-176
	10-40	10	4		
	50-100	25	3		
47	1.005		1		
	1.01-1.09	0.01	9		
	1.1-1.9	0.1	9	4164-47A	4164-147A
	1-24	1	24		
47	25-100	25	4		
	1.005		1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

WEAR BLOCK SETS



- Protect the measuring surfaces of gage blocks from excessive wear
- Meet ISO3650
- Supplied with manufacturer inspection certificate

Blocks per set	Size	Material	Code	
			Grade 0	Grade 1
2	1.0mm	ceramic	4111-1	4111-11
2	1.0mm	alloy steel	4111-1A	4111-11A
2	2.0mm	ceramic	4111-2	4111-12
2	2.0mm	alloy steel	4111-2A	4111-12A



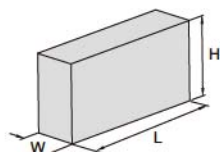
4111-2



MICROMETER INSPECTION GAGE BLOCK SETS



4107-10



Dimension:

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

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

Code	Material	Gage blocks included in set	Applicable micrometer	Optical flat
4107-10	ceramic	2.5mm, 5.1mm, 7.7mm, 10.3mm, 12.9mm, 15mm, 17.6mm, 20.2mm, 22.8mm, 25mm, optical flat	0-25mm	included
4107-101	alloy steel	2.5mm, 5.1mm, 7.7mm, 10.3mm, 12.9mm, 15mm, 17.6mm, 20.2mm, 22.8mm, 25mm, optical flat	0-25mm	included
4107-112	alloy steel	25mm, 27.5mm, 30.1mm, 32.7mm, 35.3mm, 37.9mm, 40mm, 42.6mm, 45.2mm, 47.8mm, 50mm	25-50mm	not included
4107-113	alloy steel	50mm, 52.5mm, 55.1mm, 57.7mm, 60.3mm, 62.9mm, 65mm, 67.6mm, 70.2mm, 72.8mm, 75mm	50-75mm	not included
4107-114	alloy steel	75mm, 77.5mm, 80.1mm, 82.7mm, 85.3mm, 87.9mm, 90mm, 92.6mm, 95.2mm, 97.8mm, 100mm	75-100mm	not included

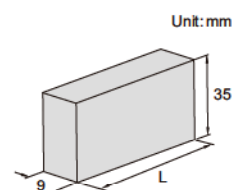


CALIPER INSPECTION GAGE BLOCK SET



4108-3005

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



(mm)

Code	Material	Blocks per set	Gage blocks included in set (L)	Applicable calipers
4108-3005	alloy steel	5	30, 41.3, 131.4, 243.5, 281.2	0-150, 0-200, 0-300

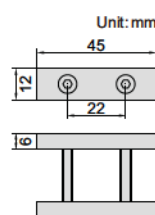
GAGE BLOCK HOLDERS

- Made of aluminum
- To be used with individual steel gage block (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



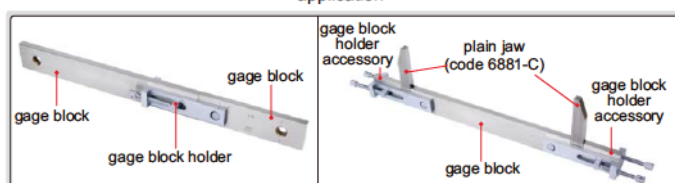
To be used as Go and No-Go gage



GAGE BLOCK HOLDER

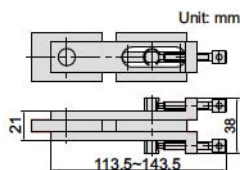
- For gage blocks over 100mm with clamping holes
- Optional accessory: gage block holder accessory, gage block accessory (code 6881)

application



GAGE BLOCK HOLDER ACCESSORY

Code	Unit: mm
6886-1	113.5~143.5
6886-A	35, 50



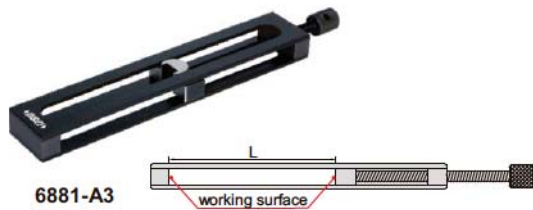
6886-1



VIDEO



6886-A



6881-A3

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

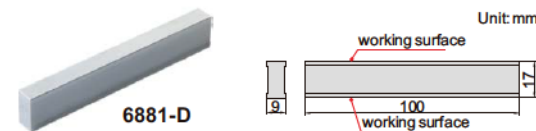
* The actual clamping range should deduct the width of jaws

** Not suitable for base 6881-B



6881-F

Code	Name	Remark
6881-F	scribe	made of carbide



6881-D

Code	Name	Remark
6881-D	parallel jaw	made of carbide



6881-S17

GAGE BLOCK ACCESSORY SET

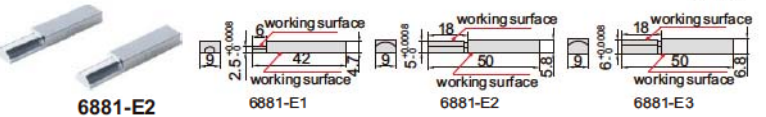
Code	Mark
6881-S17	17pcs (including the below items)

holder, 0-25mm (code 6881-A1)	1pc
holder, 25-50mm (code 6881-A2)	1pc
holder, 50-100mm (code 6881-A3)	1pc
holder, 100-200mm (code 6881-A4)	1pc
holder, 200-300mm (code 6881-A5)	1pc
base (code 6881-B)	1pc
plain jaw (code 6881-C)	1 pair
parallel jaw (code 6881-D)	1pc
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
scribe (code 6881-F)	1pc
centre point (code 6881-G)	1pc

GAGE BLOCK ACCESSORIES

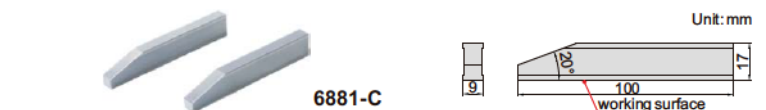


6881-B



6881-E2

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



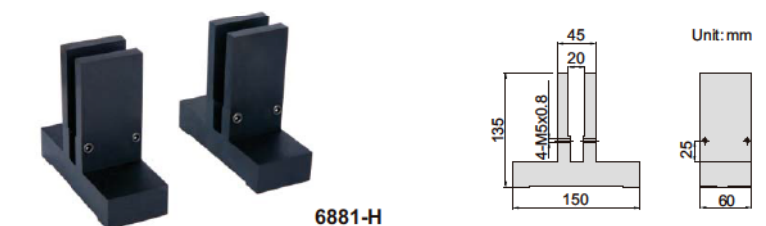
6881-C

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



6881-G

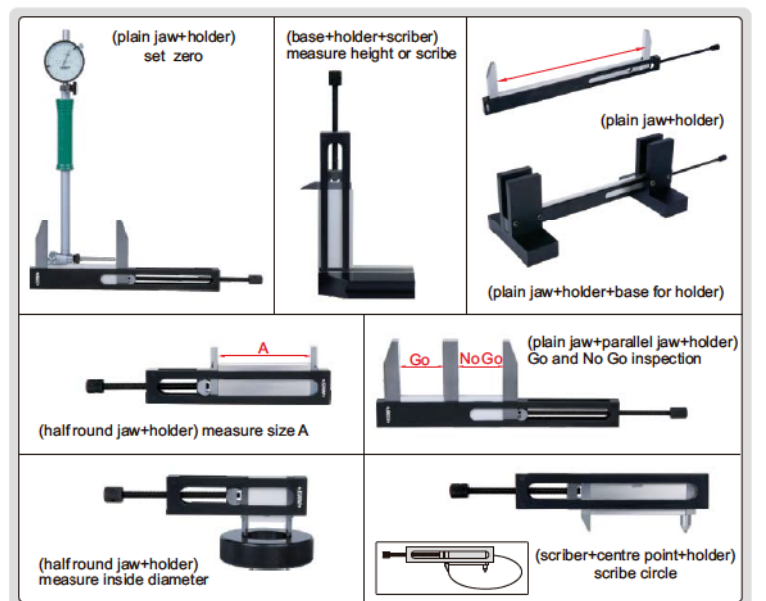
Code	Name	Remark
6881-G	centre point	the tip is made of carbide



6881-H

Code	Name	Remark
6881-H	base for holder	supplied in pair

application



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

CYLINDER GAGE BLOCKS



Unit: mm

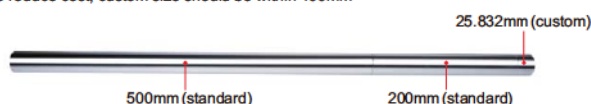
- Made of special alloy steel, hardness HRC64, high stability, wear resistance and easy combination
- Meet ISO3650 grade 1
- Can be connected with M6x1 screw and combined to any sizes up to 4m

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

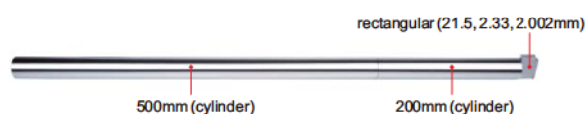
* Supplied with manufacturer inspection certificate

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



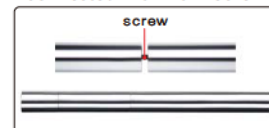
Combination 2: combined by standard size cylinder gage blocks and rectangular gage blocks
For example: 500 (cylinder) + 200 (cylinder) + 21.5 (rectangular) + 2.33 (rectangular) + 2.002 (rectangular) = 725.832mm



high stability in vertical position,
suitable for checking height gages



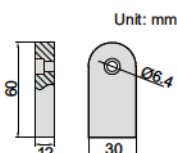
connected with M6x1 screw



INTERNAL BLOCKS



4001-A

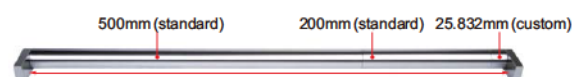


Unit: mm

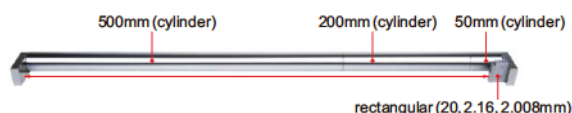
- Can be attached to cylinder and rectangular gage blocks
- Made of special alloy steel, hardness HRC64, high stability, wear resistance and easy combination
- Supplied in a matched pair

Code	Size	Flatness
4001-A	12mm	0.2µm

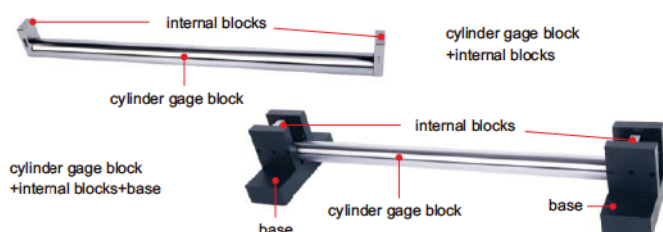
Combination 1: combined by several standard size cylinder gage blocks and one custom size cylinder gage block
For example: 500 (standard) + 200 (standard) + 25.832 (custom) = 725.832mm
Note: in order to reduce cost, custom size should be within 100mm



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



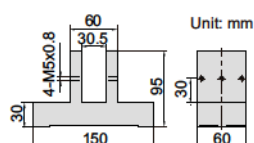
working with base



BASE



4001-B



Unit: mm

Code	Remark
4001-B	supplied in pair

CALIPER/HEIGHT GAGE CHECKERS



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

check upper jaws of caliper



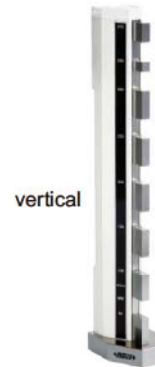
check lower jaws of caliper



check height gage



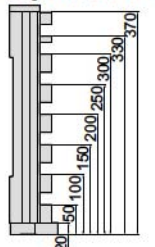
horizontal



vertical

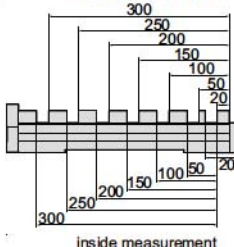
6884-300

height measurement



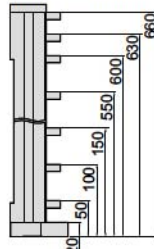
6884-300

outside measurement



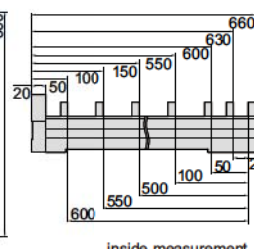
inside measurement

height measurement



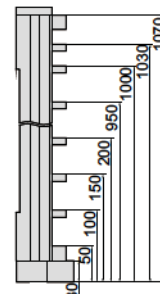
6884-600

outside measurement

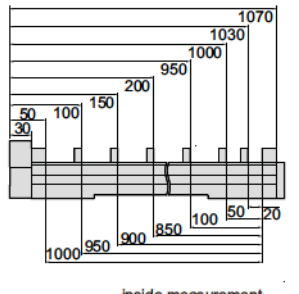


inside measurement

height measurement



outside measurement



6884-1000

Unit: 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	20, 50, 100, 150, 200, 250, 300	20,50,100,150,200,250,300,330,370	±5μm
6884-600*	0-600mm	20,50,100,150,200,250,300,350,400,450,500,550,600	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	±7μm
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	30,50,100,150,200,250,300,350,400,450,500,550,600,650,700,750,800,850,900,950,1000,1030,1070	30,50,100,150,200,250,300,350,400,450,500,550,600,650,700,750,800,850,900,950,1000,1030,1070	±7μm

* Supplied with manufacturer inspection certificate

INSIDE MICROMETER ACCESSORIES



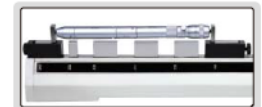
6884-A3

- Supplied with a pair of 5mm carbide gage blocks, ISO3650 grade 0

Code	Applicable caliper/height gage checker
6884-A3*	0-300mm
6884-A6*	0-600mm
6884-A10*	0-1000mm

* Supplied with manufacturer inspection certificate

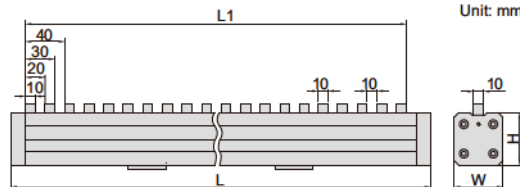
set inside micrometer



CHECK MASTERS



- To check the accuracy of table movement of machine tools, to calibrate height gages and CMMs
- Ceramic gage blocks
- Can be used in either vertical and horizontal orientation
- Supplied with manufacturer inspection certificate



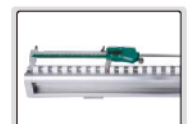
Unit: mm

(mm)

Code	Range	Step	Accuracy	Parallelism of blocks	L	L1	H	W
6882-300A	300mm	10mm	±2.5μm	1.2μm	350	310	49	45
6882-450A	450mm	10mm	±3.5μm	1.5μm	510	470	54	50
6882-600A	600mm	10mm	±3.5μm	1.5μm	650	610	54	50



6882-600A



horizontal orientation



vertical orientation

ANGLE GAGE BLOCK SETS



4109-7A

- Standard for angle measurement
- Accuracy $\pm 10''$

Code	Blocks per set	Angle	Step	Quantity
4109-7A	7	15°10'		1
		30°20'		1
		45°30'		1
		50°		1
		60°40'		1
		75°50'		1
		90°/90°/90°/90°		1
4109-36A	36	10°-20°	1°	11
		30°-70°	10°	5
		45°		1
		15°10'-15°50'	10'	5
		15°1'-15°9'	1'	9
		10°00'30"		1
		80°/81°/100°/99°		1
		89°10'/89°20'/90°50'/90°40'		1
		89°30'/89°40'/90°30'/90°20'		1
		90°/90°/90°/90°		1

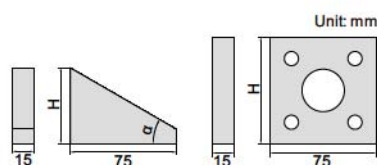


ANGLE GAGE BLOCKS

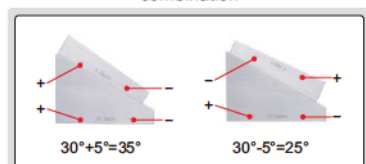
INSIZE PLUS



4002-15



combination



set angle of plate



inspect angle



- 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

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

PIN GAGE SETS

- Meet DIN2267, grade 1
- Made of alloy steel
- Hardness HRC62-65
- Diameter accuracy: $\pm 1\mu\text{m}$



4166-6D

Unit: mm



Code	Diameter Ød (mm)	Step	Pin gages per set
4166-2S	1.00, 1.01, 1.02, ..., 2.00	0.01mm	101
4166-3S	2.00, 2.01, 2.02, ..., 3.00	0.01mm	101
4166-4S	3.00, 3.01, 3.02, ..., 4.00	0.01mm	101
4166-5S	4.00, 4.01, 4.02, ..., 5.00	0.01mm	101
4166-6S	5.00, 5.01, 5.02, ..., 6.00	0.01mm	101
4166-7S	6.00, 6.01, 6.02, ..., 7.00	0.01mm	101
4166-8S	7.00, 7.01, 7.02, ..., 8.00	0.01mm	101
4166-9S	8.00, 8.01, 8.02, ..., 9.00	0.01mm	101
4166-10S	9.00, 9.01, 9.02, ..., 10.00	0.01mm	101

Code	Diameter Ød (mm)	Step	Pin gages per set
4166-411	1.0, 1.1, 1.2, ..., 5.0	0.1mm	41
4166-511	5.0, 5.1, 5.2, ..., 10.0	0.1mm	51
4166-512	10.0, 10.1, 10.2, ..., 15.0	0.1mm	51
4166-513	15.0, 15.1, 15.2, ..., 20.0	0.1mm	51

Code	Diameter Ød (mm)	Step	Pin gages per set
4166-0D	0.20, 0.21, 0.22, ..., 0.50	0.01mm	31
4166-1	0.50, 0.51, 0.52, ..., 1.00	0.01mm	51
4166-1D	1.00, 1.01, 1.02, ..., 1.50	0.01mm	51
4166-2	1.50, 1.51, 1.52, ..., 2.00	0.01mm	51
4166-2D	2.00, 2.01, 2.02, ..., 2.50	0.01mm	51
4166-3	2.50, 2.51, 2.52, ..., 3.00	0.01mm	51
4166-3D	3.00, 3.01, 3.02, ..., 3.50	0.01mm	51
4166-4	3.50, 3.51, 3.52, ..., 4.00	0.01mm	51
4166-4D	4.00, 4.01, 4.02, ..., 4.50	0.01mm	51
4166-5	4.50, 4.51, 4.52, ..., 5.00	0.01mm	51
4166-5D	5.00, 5.01, 5.02, ..., 5.50	0.01mm	51
4166-6	5.50, 5.51, 5.52, ..., 6.00	0.01mm	51
4166-6D	6.00, 6.01, 6.02, ..., 6.50	0.01mm	51
4166-7	6.50, 6.51, 6.52, ..., 7.00	0.01mm	51
4166-7D	7.00, 7.01, 7.02, ..., 7.50	0.01mm	51
4166-8	7.50, 7.51, 7.52, ..., 8.00	0.01mm	51
4166-8D	8.00, 8.01, 8.02, ..., 8.50	0.01mm	51
4166-9	8.50, 8.51, 8.52, ..., 9.00	0.01mm	51
4166-9D	9.00, 9.01, 9.02, ..., 9.50	0.01mm	51
4166-10	9.50, 9.51, 9.52, ..., 10.00	0.01mm	51

Code	Diameter Ød (mm)	Step	Pin gages per set
4166-10D	10.00, 10.01, 10.02, ..., 10.50	0.01mm	51
4166-11	10.50, 10.51, 10.52, ..., 11.00	0.01mm	51
4166-11D	11.00, 11.01, 11.02, ..., 11.50	0.01mm	51
4166-12	11.50, 11.51, 11.52, ..., 12.00	0.01mm	51
4166-12D	12.00, 12.01, 12.02, ..., 12.50	0.01mm	51
4166-13	12.50, 12.51, 12.52, ..., 13.00	0.01mm	51
4166-13D	13.00, 13.01, 13.02, ..., 13.50	0.01mm	51
4166-14	13.50, 13.51, 13.52, ..., 14.00	0.01mm	51
4166-14D	14.00, 14.01, 14.02, ..., 14.50	0.01mm	51
4166-15	14.50, 14.51, 14.52, ..., 15.00	0.01mm	51
4166-15D	15.00, 15.01, 15.02, ..., 15.50	0.01mm	51
4166-16	15.50, 15.51, 15.52, ..., 16.00	0.01mm	51
4166-16D	16.00, 16.01, 16.02, ..., 16.50	0.01mm	51
4166-17	16.50, 16.51, 16.52, ..., 17.00	0.01mm	51
4166-17D	17.00, 17.01, 17.02, ..., 17.50	0.01mm	51
4166-18	17.50, 17.51, 17.52, ..., 18.00	0.01mm	51
4166-18D	18.00, 18.01, 18.02, ..., 18.50	0.01mm	51
4166-19	18.50, 18.51, 18.52, ..., 19.00	0.01mm	51
4166-19D	19.00, 19.01, 19.02, ..., 19.50	0.01mm	51
4166-20	19.50, 19.51, 19.52, ..., 20.00	0.01mm	51

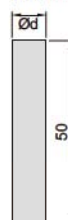
CAN SUPPLY PIN GAGE
LENGTH FROM 10 TO 150mm



CUSTOM-MADE PIN GAGES

- Meet DIN2267, grade 1
- Custom-made pin gages, diameter range $\varnothing 0.200 \sim \varnothing 30.000$ mm with three decimal, for example 0.211mm, 5.562mm, 16.298mm
- Diameter accuracy: $\pm 1\mu\text{m}$
- Made of alloy steel
- Hardness HRC62-65
- Optional accessory: wooden box

Unit: mm



4118-8D015

Ordering examples:

Diameter	Code
0.211mm	4118-0D211
5.562mm	4118-5D562
16.298mm	4118-16D298

Note: "D" stands for "."

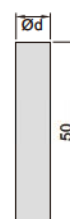
Code	Diameter range $\varnothing d$ (mm)
4118-xxxx *	0.200~30.000

* Supplied with manufacturer inspection certificate

INDIVIDUAL PIN GAGES

- Meet DIN2267, grade 1
- Diameter range: $\varnothing 0.20 \sim \varnothing 20.00$ mm
- Diameter accuracy: $\pm 1\mu\text{m}$
- Made of alloy steel
- Hardness HRC62-65
- Optional accessory: wooden box

Unit: mm



4110-9D98

Ordering examples:

Diameter	Code
0.21mm	4110-0D21
5.56mm	4110-5D56
16.00mm	4110-16D00

Note: "D" stands for "."

Diameter $\varnothing d$ (mm)	Diameter $\varnothing d$ (mm)
0.20, 0.21, 0.22, 0.23, ..., 1.00	10.01, 10.02, 10.03, 10.04, ..., 11.00
1.01, 1.02, 1.03, 1.04, ..., 2.00	11.01, 11.02, 11.03, 11.04, ..., 12.00
2.01, 2.02, 2.03, 2.04, ..., 3.00	12.01, 12.02, 12.03, 12.04, ..., 13.00
3.01, 3.02, 3.03, 3.04, ..., 4.00	13.01, 13.02, 13.03, 13.04, ..., 14.00
4.01, 4.02, 4.03, 4.04, ..., 5.00	14.01, 14.02, 14.03, 14.04, ..., 15.00
5.01, 5.02, 5.03, 5.04, ..., 6.00	15.01, 15.02, 15.03, 15.04, ..., 16.00
6.01, 6.02, 6.03, 6.04, ..., 7.00	16.01, 16.02, 16.03, 16.04, ..., 17.00
7.01, 7.02, 7.03, 7.04, ..., 8.00	17.01, 17.02, 17.03, 17.04, ..., 18.00
8.01, 8.02, 8.03, 8.04, ..., 9.00	18.01, 18.02, 18.03, 18.04, ..., 19.00
9.01, 9.02, 9.03, 9.04, ..., 10.00	19.01, 19.02, 19.03, 19.04, ..., 20.00

Code
4110-xxxx

BOXES FOR PIN GAGES

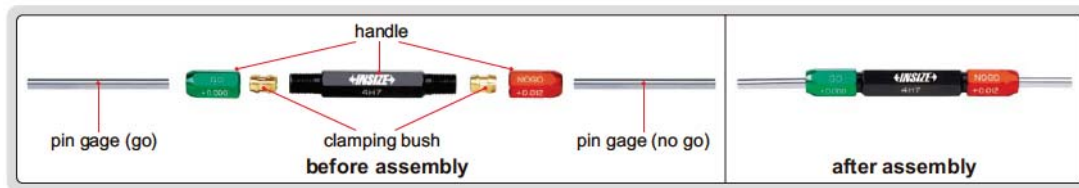
- For individual pin gages (4110 and 4118 series)

Code	Applicable pin gage diameter $\varnothing d$ (mm)	Quantity of pin gages
7340	0.20-10.00	51pcs
7340-101	0.20-10.00	101pcs
7340-201	10.00-15.00	51pcs
7340-202	15.00-20.00	51pcs



7340

PIN GAGE HANDLES



- Wrench is needed to install pins
- Clamping bushes (0.2~7.14mm) are made of brass, clamping bushes (7.14~20.62mm) are made of aluminum

Code	Applicable pin gage diameter (mm)	Including	
		Handle	Clamping bush (mm)
7341-0S	0.2-1.02	1pc	6 pairs (the clamping range are 0.2-0.38, 0.38-0.51, 0.51-0.64, 0.64-0.76, 0.76-0.89, 0.89-1.02)
7341-1S	1.02-1.91	1pc	7 pairs (the clamping range are 1.02-1.14, 1.14-1.27, 1.27-1.40, 1.40-1.52, 1.52-1.65, 1.65-1.78, 1.78-1.91)
7341-2S	1.91-3.33	1pc	8 pairs (the clamping range are 1.91-2.08, 2.08-2.26, 2.26-2.44, 2.44-2.62, 2.62-2.79, 2.79-2.97, 2.97-3.15, 3.15-3.33)
7341-3S	3.33-4.57	1pc	7 pairs (the clamping range are 3.33-3.51, 3.51-3.68, 3.68-3.86, 3.86-4.04, 4.04-4.22, 4.22-4.39, 4.39-4.57)
7341-4S	4.57-5.79	1pc	6 pairs (the clamping range are 4.57-4.78, 4.78-4.98, 4.98-5.18, 5.18-5.38, 5.38-5.59, 5.59-5.79)
7341-5S	5.79-7.14	1pc	6 pairs (the clamping range are 5.79-5.99, 5.99-6.20, 6.20-6.40, 6.40-6.63, 6.63-6.88, 6.88-7.14)

Code	Applicable pin gage diameter (mm)	Including	
		Handle	Clamping bush (mm)
7341-6S	7.14-8.66	1pc	6 pairs (the clamping range are 7.14-7.39, 7.39-7.65, 7.65-7.90, 7.90-8.15, 8.15-8.41, 8.41-8.66)
7341-7S	8.66-10.31	1pc	6 pairs (the clamping range are 8.66-8.92, 8.9-9.17, 9.17-9.42, 9.42-9.70, 9.70-10.01, 10.01-10.31)
7341-8S	10.31-11.81	1pc	4 pairs (the clamping range are 10.31-10.67, 10.67-11.05, 11.05-11.43, 11.43-11.81)
7341-9S	11.81-12.95	1pc	3 pairs (the clamping range are 11.81-12.19, 12.19-12.57, 12.57-12.95)
7341-10S	12.95-14.71	1pc	4 pairs (the clamping range are 12.95-13.51, 13.51-13.89, 13.89-14.30, 14.30-14.71)
7341-11S	14.71-16.13	1pc	4 pairs (the clamping range are 14.71-15.09, 15.09-15.49, 15.49-15.88, 15.88-16.13)
7341-12S	16.13-17.88	1pc	4 pairs (the clamping range are 16.13-16.66, 16.66-17.07, 17.07-17.48, 17.48-17.88)
7341-13S	17.88-19.30	1pc	4 pairs (the clamping range are 17.88-18.26, 18.26-18.67, 18.67-19.05, 19.05-19.30)
7341-14S	19.30-20.62	1pc	2 pairs (the clamping range are 19.30-19.84, 19.84-20.62)

CUSTOM-MADE

OTHER CLASSES ARE AVAILABLE, SUCH AS H8, H9
OTHER DIAMETERS ARE AVAILABLE, SUCH AS 19.003mm
OTHER LENGTHS ARE AVAILABLE, SUCH AS 70mm

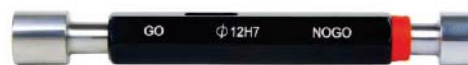
- Supplied with Go and No-Go gages together
- Class H7
- Hardness HRC 60±2
- Standard DIN7150-2

Size tolerance of H7

Diameter Ød	Size tolerance of Go gage (µm)	Size tolerance of No-Go gage (µm)	L1	L2	L	S1, S2
≥2, ≤3	+0.5 / +2.5	+9 / +11	6.5	4.5	62	—
>3, ≤6	+0.75 / +3.25	+10.75 / +13.25	8	6	74	—
>6, ≤10	+0.75 / +3.25	+13.75 / +16.25	10	7	87	—
>10, ≤14	+1 / +4	+16.5 / +19.5	12	8	99	—
>14, ≤18	+1 / +4	+16.5 / +19.5	14	10	114	—
>18, ≤24	+1 / +5	+19 / +23	16	12	132	—
>24, ≤30	+1 / +5	+19 / +23	18	14	136	—
>30, ≤40	+1.5 / +5.5	+23 / +27	20	15	155	—
>40, ≤50	+1.5 / +5.5	+23 / +27	25	18	169	—
>50, ≤65	+1.5 / +6.5	+27.5 / +32.5	30	18	—	164, 152
>65, ≤80	+1.5 / +6.5	+27.5 / +32.5	35	25	—	169, 159
>80, ≤100	+2 / +8	+32 / +38	35	25	—	169, 159

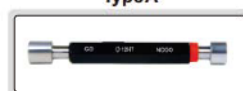
(mm)

PLAIN PLUG GAGES

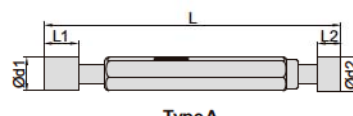


4124-12

Type A



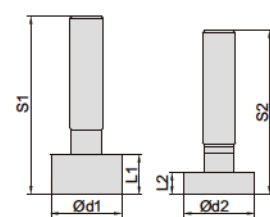
Type A



Type B



Type B



Code	Diameter (mm)	Type	Code	Diameter (mm)	Type	Code	Diameter (mm)	Type	Code	Diameter (mm)	Type
4124-2	2	A	4124-17	17	A	4124-32	32	A	4124-47	47	A
4124-3	3	A	4124-18	18	A	4124-33	33	A	4124-48	48	A
4124-4	4	A	4124-19	19	A	4124-34	34	A	4124-49	49	A
4124-5	5	A	4124-20	20	A	4124-35	35	A	4124-50	50	A
4124-6	6	A	4124-21	21	A	4124-36	36	A	4124-52	52	B
4124-7	7	A	4124-22	22	A	4124-37	37	A	4124-55	55	B
4124-8	8	A	4124-23	23	A	4124-38	38	A	4124-60	60	B
4124-9	9	A	4124-24	24	A	4124-39	39	A	4124-65	65	B
4124-10	10	A	4124-25	25	A	4124-40	40	A	4124-70	70	B
4124-11	11	A	4124-26	26	A	4124-41	41	A	4124-75	75	B
4124-12	12	A	4124-27	27	A	4124-42	42	A	4124-80	80	B
4124-13	13	A	4124-28	28	A	4124-43	43	A	4124-85	85	B
4124-14	14	A	4124-29	29	A	4124-44	44	A	4124-90	90	B
4124-15	15	A	4124-30	30	A	4124-45	45	A	4124-95	95	B
4124-16	16	A	4124-31	31	A	4124-46	46	A	4124-100	100	B



ATTENTION:
BASIC MODEL

METRIC THREAD PLUG GAGES



4130-10

- Supplied with Go and No-Go end
- Class 6H
- Standard ISO1502

Individual

Code	Size (mm)	Code	Size (mm)	Code	Size (mm)	Code	Size (mm)
4130-2*	M2x0.4	4130-7*	M7x1	4130-18*	M18x2.5	4130-39*	M39x4
4130-2D2*	M2.2x0.45	4130-8*	M8x1.25	4130-20*	M20x2.5	4130-42*	M42x4.5
4130-2D5*	M2.5x0.45	4130-9*	M9x1.25	4130-22*	M22x2.5	4130-45*	M45x4.5
4130-3*	M3x0.5	4130-10*	M10x1.5	4130-24*	M24x3	4130-48*	M48x5
4130-3D5*	M3.5x0.6	4130-11*	M11x1.5	4130-27*	M27x3	4130-52*	M52x5
4130-4*	M4x0.7	4130-12*	M12x1.75	4130-30*	M30x3.5	4130-56*	M56x5.5
4130-5*	M5x0.8	4130-14*	M14x2	4130-33*	M33x3.5	4130-60*	M60x5.5
4130-6*	M6x1	4130-16*	M16x2	4130-36*	M36x4		

Set

Code	Thread plug gages included
4130-S7*	M3x0.5(4130-3), M4x0.7(4130-4), M5x0.8(4130-5), M6x1(4130-6), M8x1.25(4130-8), M10x1.5(4130-10), M12x1.75(4130-12)

* Supplied with manufacturer inspection certificate

METRIC FINE THREAD PLUG GAGES

ATTENTION:
BASIC MODEL

- Supplied with Go and No-Go end
- Class 6H
- Standard ISO1502



4139-20G

Code	Size (mm)	Code	Size (mm)	Code	Size (mm)	Code	Size (mm)	Code	Size (mm)
4139-2B *	M2x0.25	4139-11L *	M11x0.75	4139-20L *	M20x0.75	4139-33L *	M33x0.75	4139-45X *	M45x4
4139-2D2B *	M2.2x0.25	4139-11P *	M11x1	4139-20P *	M20x1	4139-33P *	M33x1	4139-48P *	M48x1
4139-2D5D *	M2.5x0.35	4139-12G *	M12x0.5	4139-20R *	M20x1.5	4139-33R *	M33x1.5	4139-48R *	M48x1.5
4139-3D *	M3x0.35	4139-12L *	M12x0.75	4139-20T *	M20x2	4139-33T *	M33x2	4139-48T *	M48x2
4139-3D5D *	M3.5x0.35	4139-12P *	M12x1	4139-22G *	M22x0.5	4139-33V *	M33x3	4139-48V *	M48x3
4139-4G *	M4x0.5	4139-12Q *	M12x1.25	4139-22L *	M22x0.75	4139-36P *	M36x1	4139-48X *	M48x4
4139-5G *	M5x0.5	4139-12R *	M12x1.5	4139-22P *	M22x1	4139-36R *	M36x1.5	4139-52P *	M52x1
4139-6G *	M6x0.5	4139-14G *	M14x0.5	4139-22R *	M22x1.5	4139-36T *	M36x2	4139-52R *	M52x1.5
4139-6L *	M6x0.75	4139-14L *	M14x0.75	4139-22T *	M22x2	4139-36V *	M36x3	4139-52T *	M52x2
4139-7G *	M7x0.5	4139-14P *	M14x1	4139-24L *	M24x0.75	4139-39P *	M39x1	4139-52V *	M52x3
4139-7L *	M7x0.75	4139-14Q *	M14x1.25	4139-24P *	M24x1	4139-39R *	M39x1.5	4139-52X *	M52x4
4139-8G *	M8x0.5	4139-14R *	M14x1.5	4139-24R *	M24x1.5	4139-39T *	M39x2	4139-56P *	M56x1
4139-8L *	M8x0.75	4139-16G *	M16x0.5	4139-24T *	M24x2	4139-39V *	M39x3	4139-56R *	M56x1.5
4139-8P *	M8x1	4139-16L *	M16x0.75	4139-27L *	M27x0.75	4139-42P *	M42x1	4139-56T *	M56x2
4139-9G *	M9x0.5	4139-16P *	M16x1	4139-27P *	M27x1	4139-42R *	M42x1.5	4139-56V *	M56x3
4139-9L *	M9x0.75	4139-16R *	M16x1.5	4139-27R *	M27x1.5	4139-42T *	M42x2	4139-56X *	M56x4
4139-9P *	M9x1	4139-18G *	M18x0.5	4139-27T *	M27x2	4139-42V *	M42x3	4139-60P *	M60x1
4139-10G *	M10x0.5	4139-18L *	M18x0.75	4139-30L *	M30x0.75	4139-42X *	M42x4	4139-60R *	M60x1.5
4139-10L *	M10x0.75	4139-18P *	M18x1	4139-30P *	M30x1	4139-45P *	M45x1	4139-60T *	M60x2
4139-10P *	M10x1	4139-18R *	M18x1.5	4139-30R *	M30x1.5	4139-45R *	M45x1.5	4139-60V *	M60x3
4139-10Q *	M10x1.25	4139-18T *	M18x2	4139-30T *	M30x2	4139-45T *	M45x2	4139-60X *	M60x4
4139-11G *	M11x0.5	4139-20G *	M20x0.5	4139-30V *	M30x3	4139-45V *	M45x3		

* Supplied with manufacturer inspection certificate

METRIC THREAD RING GAGES



- Go and No-Go gages are supplied separately
- Class 6g
- Standard ISO1502



4120-16



4120-16N

ATTENTION:
BASIC MODEL

Individual

Code (GO)	Code (NOGO)	Size (mm)	Code (GO)	Code (NOGO)	Size (mm)	Code (GO)	Code (NOGO)	Size (mm)
4120-2 *	4120-2N *	M2x0.4	4120-10 *	4120-10N *	M10x1.5	4120-33 *	4120-33N *	M33x3.5
4120-2D2 *	4120-2D2N *	M2.2x0.45	4120-11 *	4120-11N *	M11x1.5	4120-36 *	4120-36N *	M36x4
4120-2D5 *	4120-2D5N *	M2.5x0.45	4120-12 *	4120-12N *	M12x1.75	4120-39 *	4120-39N *	M39x4
4120-3 *	4120-3N *	M3x0.5	4120-14 *	4120-14N *	M14x2	4120-42 *	4120-42N *	M42x4.5
4120-3D5 *	4120-3D5N *	M3.5x0.6	4120-16 *	4120-16N *	M16x2	4120-45 *	4120-45N *	M45x4.5
4120-4 *	4120-4N *	M4x0.7	4120-18 *	4120-18N *	M18x2.5	4120-48 *	4120-48N *	M48x5
4120-5 *	4120-5N *	M5x0.8	4120-20 *	4120-20N *	M20x2.5	4120-52 *	4120-52N *	M52x5
4120-6 *	4120-6N *	M6x1	4120-22 *	4120-22N *	M22x2.5	4120-56 *	4120-56N *	M56x5.5
4120-7 *	4120-7N *	M7x1	4120-24 *	4120-24N *	M24x3	4120-60 *	4120-60N *	M60x5.5
4120-8 *	4120-8N *	M8x1.25	4120-27 *	4120-27N *	M27x3			
4120-9 *	4120-9N *	M9x1.25	4120-30 *	4120-30N *	M30x3.5			

Go ring gage set

Code	Thread ring gages included
4120-S7 *	M3x0.5(4120-3), M4x0.7(4120-4), M5x0.8(4120-5), M6x1(4120-6), M8x1.25(4120-8), M10x1.5(4120-10), M12x1.75(4120-12)

No Go ring gage set

Code	Thread ring gages included
4120-S7N *	M3x0.5(4120-3N), M4x0.7(4120-4N), M5x0.8(4120-5N), M6x1(4120-6N), M8x1.25(4120-8N), M10x1.5(4120-10N), M12x1.75(4120-12N)

* Supplied with manufacturer inspection certificate



ATTENTION:
BASIC MODEL

METRIC FINE THREAD RING GAGES

- Go and No-Go gages are supplied separately
- Class 6g
- Standard ISO1502



4129-10P



4129-10PN

Code (GO)	Code (NOGO)	Size (mm)
4129-2B*	4129-2BN*	M2x0.25
4129-2D2B*	4129-2D2BN*	M2.2x0.25
4129-2D5D*	4129-2D5DN*	M2.5x0.35
4129-3D*	4129-3DN*	M3x0.35
4129-3D5D*	4129-3D5DN*	M3.5x0.35
4129-4G*	4129-4GN*	M4x0.5
4129-5G*	4129-5GN*	M5x0.5
4129-6G*	4129-6GN*	M6x0.5
4129-6L*	4129-6LN*	M6x0.75
4129-7G*	4129-7GN*	M7x0.5
4129-7L*	4129-7LN*	M7x0.75
4129-8G*	4129-8GN*	M8x0.5
4129-8L*	4129-8LN*	M8x0.75
4129-8P*	4129-8PN*	M8x1
4129-9G*	4129-9GN*	M9x0.5
4129-9L*	4129-9LN*	M9x0.75
4129-9P*	4129-9PN*	M9x1
4129-10G*	4129-10GN*	M10x0.5
4129-10L*	4129-10LN*	M10x0.75
4129-10P*	4129-10PN*	M10x1
4129-10Q*	4129-10QN*	M10x1.25
4129-11G*	4129-11GN*	M11x0.5
4129-11L*	4129-11LN*	M11x0.75
4129-11P*	4129-11PN*	M11x1
4129-12G*	4129-12GN*	M12x0.5
4129-12L*	4129-12LN*	M12x0.75
4129-12P*	4129-12PN*	M12x1
4129-12Q*	4129-12QN*	M12x1.25
4129-12R*	4129-12RN*	M12x1.5
4129-14G*	4129-14GN*	M14x0.5
4129-14L*	4129-14LN*	M14x0.75
4129-14P*	4129-14PN*	M14x1
4129-14Q*	4129-14QN*	M14x1.25
4129-14R*	4129-14RN*	M14x1.5
4129-16G*	4129-16GN*	M16x0.5
4129-16L*	4129-16LN*	M16x0.75
4129-16P*	4129-16PN*	M16x1

Code (GO)	Code (NOGO)	Size (mm)
4129-16R*	4129-16RN*	M16x1.5
4129-18G*	4129-18GN*	M18x0.5
4129-18L*	4129-18LN*	M18x0.75
4129-18P*	4129-18PN*	M18x1
4129-18R*	4129-18RN*	M18x1.5
4129-18T*	4129-18TN*	M18x2
4129-20G*	4129-20GN*	M20x0.5
4129-20L*	4129-20LN*	M20x0.75
4129-20P*	4129-20PN*	M20x1
4129-20R*	4129-20RN*	M20x1.5
4129-20T*	4129-20TN*	M20x2
4129-22G*	4129-22GN*	M22x0.5
4129-22L*	4129-22LN*	M22x0.75
4129-22P*	4129-22PN*	M22x1
4129-22R*	4129-22RN*	M22x1.5
4129-22T*	4129-22TN*	M22x2
4129-24L*	4129-24LN*	M24x0.75
4129-24P*	4129-24PN*	M24x1
4129-24R*	4129-24RN*	M24x1.5
4129-24T*	4129-24TN*	M24x2
4129-27L*	4129-27LN*	M27x0.75
4129-27P*	4129-27PN*	M27x1
4129-27R*	4129-27RN*	M27x1.5
4129-27T*	4129-27TN*	M27x2
4129-30L*	4129-30LN*	M30x0.75
4129-30P*	4129-30PN*	M30x1
4129-30R*	4129-30RN*	M30x1.5
4129-30T*	4129-30TN*	M30x2
4129-30V*	4129-30VN*	M30x3
4129-33L*	4129-33LN*	M33x0.75
4129-33P*	4129-33PN*	M33x1
4129-33R*	4129-33RN*	M33x1.5
4129-33T*	4129-33TN*	M33x2
4129-33V*	4129-33VN*	M33x3
4129-36P*	4129-36PN*	M36x1
4129-36R*	4129-36RN*	M36x1.5
4129-36T*	4129-36TN*	M36x2

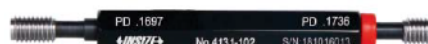
Code (GO)	Code (NOGO)	Size (mm)
4129-36V*	4129-36VN*	M36x3
4129-39P*	4129-39PN*	M39x1
4129-39R*	4129-39RN*	M39x1.5
4129-39T*	4129-39TN*	M39x2
4129-39V*	4129-39VN*	M39x3
4129-42P*	4129-42PN*	M42x1
4129-42R*	4129-42RN*	M42x1.5
4129-42T*	4129-42TN*	M42x2
4129-42V*	4129-42VN*	M42x3
4129-42X*	4129-42XN*	M42x4
4129-45P*	4129-45PN*	M45x1
4129-45R*	4129-45RN*	M45x1.5
4129-45T*	4129-45TN*	M45x2
4129-45V*	4129-45VN*	M45x3
4129-45X*	4129-45XN*	M45x4
4129-48P*	4129-48PN*	M48x1
4129-48R*	4129-48RN*	M48x1.5
4129-48T*	4129-48TN*	M48x2
4129-48V*	4129-48VN*	M48x3
4129-48X*	4129-48XN*	M48x4
4129-52P*	4129-52PN*	M52x1
4129-52R*	4129-52RN*	M52x1.5
4129-52T*	4129-52TN*	M52x2
4129-52V*	4129-52VN*	M52x3
4129-52X*	4129-52XN*	M52x4
4129-56P*	4129-56PN*	M56x1
4129-56R*	4129-56RN*	M56x1.5
4129-56T*	4129-56TN*	M56x2
4129-56V*	4129-56VN*	M56x3
4129-56X*	4129-56XN*	M56x4
4129-60P*	4129-60PN*	M60x1
4129-60R*	4129-60RN*	M60x1.5
4129-60T*	4129-60TN*	M60x2
4129-60V*	4129-60VN*	M60x3
4129-60X*	4129-60XN*	M60x4

* Supplied with manufacturer inspection certificate

Code	Size	Code	Size
4131-41*	4-40UNC	4131-3C2*	3/8-24UNF
4131-61*	6-32UNC	4131-7D2*	7/16-20UNF
4131-81*	8-32UNC	4131-1A1*	1/2-13UNC
4131-102*	10-32UNF	4131-1A2*	1/2-20UNF
4131-1B1*	1/4-20UNC	4131-9D2*	9/16-18UNF
4131-1B2*	1/4-28UNF	4131-5C1*	5/8-11UNC
4131-5D1*	5/16-18UNC	4131-5C2*	5/8-18UNF
4131-5D2*	5/16-24UNF	4131-3B1*	3/4-10UNC
4131-3C1*	3/8-16UNC	4131-3B2*	3/4-16UNF

* Supplied with manufacturer inspection certificate

AMERICAN STANDARD THREAD PLUG GAGES



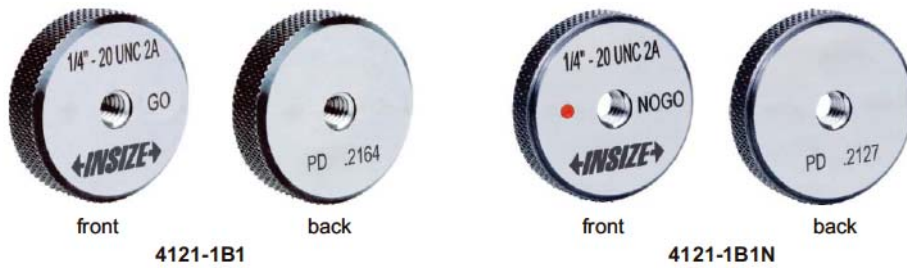
4131-102

- Supplied with Go and No-Go end
- Class 2B
- Standard ANSI B1.2



ATTENTION:
BASIC MODEL

AMERICAN STANDARD THREAD RING GAGES

INSPECTION
CERTIFICATEATTENTION:
BASIC MODEL

- Class 2A
- Standard ANSI B1.2

Code (GO)	Code (NOGO)	Size	Code (GO)	Code (NOGO)	Size	Code (GO)	Code (NOGO)	Size
4121-41 *	4121-41N *	4-40UNC	4121-5D1 *	4121-5D1N *	5/16-18UNC	4121-1A2 *	4121-1A2N *	1/2-20UNF
4121-61 *	4121-61N *	6-32UNC	4121-5D2 *	4121-5D2N *	5/16-24UNF	4121-9D2 *	4121-9D2N *	9/16-18UNF
4121-81 *	4121-81N *	8-32UNC	4121-3C1 *	4121-3C1N *	3/8-16UNC	4121-5C1 *	4121-5C1N *	5/8-11UNC
4121-102 *	4121-102N *	10-32UNF	4121-3C2 *	4121-3C2N *	3/8-24UNF	4121-5C2 *	4121-5C2N *	5/8-18UNF
4121-1B1 *	4121-1B1N *	1/4-20UNC	4121-7D2 *	4121-7D2N *	7/16-20UNF	4121-3B1 *	4121-3B1N *	3/4-10UNC
4121-1B2 *	4121-1B2N *	1/4-28UNF	4121-1A1 *	4121-1A1N *	1/2-13UNC	4121-3B2 *	4121-3B2N *	3/4-16UNF

* Supplied with manufacturer inspection certificate

METRIC THREAD PLUG GAGES

INSIZE PLUS

INSPECTION
CERTIFICATE

- Supplied with Go and No-Go end
- Class 6H
- Standard ISO1502
- Material: OHNS (Oil Hardened Non-shrinking Steel), stable dimension and wear resistance
- Hardness HRC60-62



4641-6

CLASS 5H OF M1.0, M1.1,
M1.2, M1.4 ARE AVAILABLE

Code	Size (mm)	Code	Size (mm)	Code	Size (mm)	Code	Size (mm)	Code	Size (mm)
4641-1D6 *	M1.6x0.35	4641-4 *	M4x0.7	4641-12 *	M12x1.75	4641-22 *	M22x2.5	4641-36 *	M36x4
4641-2 *	M2x0.4	4641-5 *	M5x0.8	4641-14 *	M14x2	4641-24 *	M24x3	4641-42 *	M42x4.5
4641-2D5 *	M2.5x0.45	4641-6 *	M6x1	4641-16 *	M16x2	4641-27 *	M27x3	4641-48 *	M48x5
4641-3 *	M3x0.5	4641-8 *	M8x1.25	4641-18 *	M18x2.5	4641-30 *	M30x3.5		
4641-3D5 *	M3.5x0.6	4641-10 *	M10x1.5	4641-20 *	M20x2.5	4641-33 *	M33x3.5		

* Supplied with manufacturer inspection certificate

METRIC FINE THREAD PLUG GAGES

INSIZE PLUS

INSPECTION
CERTIFICATE

- Supplied with Go and No-Go end
- Class 6H
- Standard ISO1502
- Material: OHNS (Oil Hardened Non-shrinking Steel), stable dimension and wear resistance
- Hardness HRC60-62



4642-12R

Code	Size (mm)	Code	Size (mm)	Code	Size (mm)	Code	Size (mm)	Code	Size (mm)
4642-8G *	M8x0.5	4642-14R *	M14x1.5	4642-25R *	M25x1.5	4642-35R *	M35x1.5	4642-48T *	M48x2
4642-8L *	M8x0.75	4642-16P *	M16x1	4642-26R *	M26x1.5	4642-36R *	M36x1.5	4642-50R *	M50x1.5
4642-8P *	M8x1	4642-16R *	M16x1.5	4642-27R *	M27x1.5	4642-36T *	M36x2	4642-50T *	M50x2
4642-10L *	M10x0.75	4642-18P *	M18x1	4642-27T *	M27x2	4642-38R *	M38x1.5	4642-52R *	M52x1.5
4642-10P *	M10x1	4642-18R *	M18x1.5	4642-28R *	M28x1.5	4642-40R *	M40x1.5	4642-52T *	M52x2
4642-10Q *	M10x1.25	4642-20P *	M20x1	4642-30P *	M30x1	4642-40T *	M40x2	4642-55R *	M55x1.5
4642-12P *	M12x1	4642-20R *	M20x1.5	4642-30R *	M30x1.5	4642-42R *	M42x1.5	4642-55T *	M55x2
4642-12Q *	M12x1.25	4642-22R *	M22x1.5	4642-30T *	M30x2	4642-42T *	M42x2	4642-58R *	M58x1.5
4642-12R *	M12x1.5	4642-24P *	M24x1	4642-32R *	M32x1.5	4642-45R *	M45x1.5	4642-60T *	M60x2
4642-14P *	M14x1	4642-24R *	M24x1.5	4642-33R *	M33x1.5	4642-45T *	M45x2		
4642-14Q *	M14x1.25	4642-24T *	M24x2	4642-33T *	M33x2	4642-48R *	M48x1.5		

* Supplied with manufacturer inspection certificate



CLASS 6h OF M1.2, M1.4
ARE AVAILABLE

- Class 6g
- Standard ISO1502
- Material: OHNS
(Oil Hardened Non-shrinking Steel),
stable dimension and wear resistance
- Hardness HRC60-62



4631-12



4631-12N

METRIC THREAD RING GAGES

Code (GO)	Code (NOGO)	Size(mm)
4631-1D6*	4631-1D6N*	M1.6x0.35
4631-2*	4631-2N*	M2x0.4
4631-2D5*	4631-2D5N*	M2.5x0.45
4631-3*	4631-3N*	M3x0.5
4631-3D5*	4631-3D5N*	M3.5x0.6
4631-4*	4631-4N*	M4x0.7
4631-5*	4631-5N*	M5x0.8
4631-6*	4631-6N*	M6x1

Code (GO)	Code (NOGO)	Size (mm)
4631-8*	4631-8N*	M8x1.25
4631-10*	4631-10N*	M10x1.5
4631-12*	4631-12N*	M12x1.75
4631-14*	4631-14N*	M14x2
4631-16*	4631-16N*	M16x2
4631-18*	4631-18N*	M18x2.5
4631-20*	4631-20N*	M20x2.5
4631-22*	4631-22N*	M22x2.5

Code (GO)	Code (NOGO)	Size (mm)
4631-24*	4631-24N*	M24x3
4631-27*	4631-27N*	M27x3
4631-30*	4631-30N*	M30x3.5
4631-33*	4631-33N*	M33x3.5
4631-36*	4631-36N*	M36x4
4631-42*	4631-42N*	M42x4.5
4631-48*	4631-48N*	M48x5

* Supplied with manufacturer inspection certificate



METRIC FINE THREAD RING GAGES

- Class 6g
- Standard ISO1502
- Material: OHNS (Oil Hardened Non-shrinking Steel),
stable dimension and wear resistance
- Hardness HRC60-62



4632-10Q



4632-10QN

Code (GO)	Code (NOGO)	Size (mm)
4632-8G*	4632-8GN*	M8x0.5
4632-8L*	4632-8LN*	M8x0.75
4632-8P*	4632-8PN*	M8x1
4632-10L*	4632-10LN*	M10x0.75
4632-10P*	4632-10PN*	M10x1
4632-10Q*	4632-10QN*	M10x1.25
4632-12P*	4632-12PN*	M12x1
4632-12Q*	4632-12QN*	M12x1.25
4632-12R*	4632-12RN*	M12x1.5
4632-14P*	4632-14PN*	M14x1
4632-14Q*	4632-14QN*	M14x1.25
4632-14R*	4632-14RN*	M14x1.5
4632-16P*	4632-16PN*	M16x1
4632-16R*	4632-16RN*	M16x1.5
4632-18P*	4632-18PN*	M18x1
4632-18R*	4632-18RN*	M18x1.5
4632-20P*	4632-20PN*	M20x1
4632-20R*	4632-20RN*	M20x1.5

Code (GO)	Code (NOGO)	Size (mm)
4632-22R*	4632-22RN*	M22x1.5
4632-24P*	4632-24PN*	M24x1
4632-24R*	4632-24RN*	M24x1.5
4632-24T*	4632-24TN*	M24x2
4632-25R*	4632-25RN*	M25x1.5
4632-26R*	4632-26RN*	M26x1.5
4632-27R*	4632-27RN*	M27x1.5
4632-27T*	4632-27TN*	M27x2
4632-28R*	4632-28RN*	M28x1.5
4632-30P*	4632-30PN*	M30x1
4632-30R*	4632-30RN*	M30x1.5
4632-30T*	4632-30TN*	M30x2
4632-32R*	4632-32RN*	M32x1.5
4632-33R*	4632-33RN*	M33x1.5
4632-33T*	4632-33TN*	M33x2
4632-35R*	4632-35RN*	M35x1.5
4632-36R*	4632-36RN*	M36x1.5
4632-36T*	4632-36TN*	M36x2

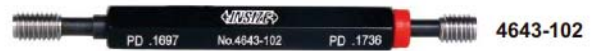
Code (GO)	Code (NOGO)	Size (mm)
4632-38R*	4632-38RN*	M38x1.5
4632-40R*	4632-40RN*	M40x1.5
4632-40T*	4632-40TN*	M40x2
4632-42R*	4632-42RN*	M42x1.5
4632-42T*	4632-42TN*	M42x2
4632-45R*	4632-45RN*	M45x1.5
4632-45T*	4632-45TN*	M45x2
4632-48R*	4632-48RN*	M48x1.5
4632-48T*	4632-48TN*	M48x2
4632-50R*	4632-50RN*	M50x1.5
4632-50T*	4632-50TN*	M50x2
4632-52R*	4632-52RN*	M52x1.5
4632-52T*	4632-52TN*	M52x2
4632-55R*	4632-55RN*	M55x1.5
4632-55T*	4632-55TN*	M55x2
4632-58R*	4632-58RN*	M58x1.5
4632-60T*	4632-60TN*	M60x2

* Supplied with manufacturer inspection certificate

AMERICAN STANDARD THREAD PLUG GAGES

INSIZE PLUS**INSPECTION
CERTIFICATE**

- Supplied with Go and No-Go end
- Class 2B
- Standard ANSI B1.2
- Material: OHNS
(Oil Hardened Non-shrinking Steel),
stable dimension and wear resistance
- Hardness HRC60-62



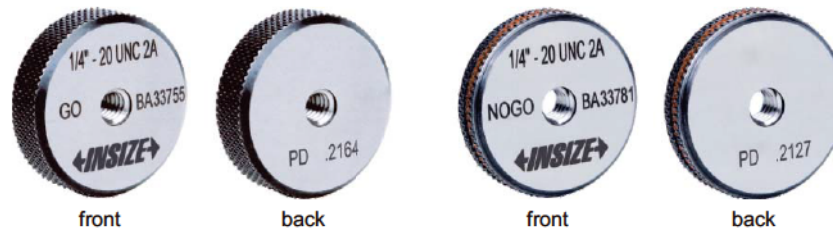
Code	Size	Code	Size	Code	Size
4643-41*	4-40UNC	4643-5D1*	5/16-18UNC	4643-1A2*	1/2-20UNF
4643-61*	6-32UNC	4643-5D2*	5/16-24UNF	4643-9D2*	9/16-18UNF
4643-81*	8-32UNC	4643-3C1*	3/8-16UNC	4643-5C1*	5/8-11UNC
4643-102*	10-32UNF	4643-3C2*	3/8-24UNF	4643-5C2*	5/8-18UNF
4643-1B1*	1/4-20UNC	4643-7D2*	7/16-20UNF	4643-3B1*	3/4-10UNC
4643-1B2*	1/4-28UNF	4643-1A1*	1/2-13UNC	4643-3B2*	3/4-16UNF

* Supplied with manufacturer inspection certificate

AMERICAN STANDARD THREAD RING GAGES

INSIZE PLUS**INSPECTION
CERTIFICATE**

- Class 2A
- Standard ANSI B1.2
- Material: OHNS
(Oil Hardened Non-shrinking Steel), stable dimension and
wear resistance
- Hardness HRC60-62



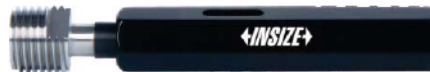
4633-1B1

4633-1B1N

Code (GO)	Code (NOGO)	Size	Code (GO)	Code (NOGO)	Size	Code (GO)	Code (NOGO)	Size
4633-41*	4633-41N*	4-40UNC	4633-5D1*	4633-5D1N*	5/16-18UNC	4633-1A2*	4633-1A2N*	1/2-20UNF
4633-61*	4633-61N*	6-32UNC	4633-5D2*	4633-5D2N*	5/16-24UNF	4633-9D2*	4633-9D2N*	9/16-18UNF
4633-81*	4633-81N*	8-32UNC	4633-3C1*	4633-3C1N*	3/8-16UNC	4633-5C1*	4633-5C1N*	5/8-11UNC
4633-102*	4633-102N*	10-32UNF	4633-3C2*	4633-3C2N*	3/8-24UNF	4633-5C2*	4633-5C2N*	5/8-18UNF
4633-1B1*	4633-1B1N*	1/4-20UNC	4633-7D2*	4633-7D2N*	7/16-20UNF	4633-3B1*	4633-3B1N*	3/4-10UNC
4633-1B2*	4633-1B2N*	1/4-28UNF	4633-1A1*	4633-1A1N*	1/2-13UNC	4633-3B2*	4633-3B2N*	3/4-16UNF

* Supplied with manufacturer inspection certificate

NPT THREAD PLUG GAGES

INSIZE PLUS

4644-1B18

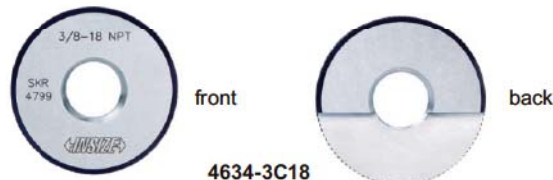
**INSPECTION
CERTIFICATE**

- American tapered pipe thread for threads
with sealant
- Standard ANSI / ASME B1.20.1
- Taper 1:16
- Material: OHNS
(Oil Hardened Non-shrinking Steel),
stable dimension and wear resistance
- Hardness HRC60-62

Code	Size	Code	Size	Code	Size
4644-1D27*	1/16x27NPT	4644-3B14*	3/4x14NPT	4644-1J8*	2-1/2x8NPT
4644-1C27*	1/8x27NPT	4644-112*	1x11.5NPT	4644-38*	3x8NPT
4644-1B18*	1/4x18NPT	4644-1G12*	1-1/4x11.5NPT	4644-1N8*	3-1/2x8NPT
4644-3C18*	3/8x18NPT	4644-1H12*	1-1/2x11.5NPT	4644-48*	4x8NPT
4644-1A14*	1/2x14NPT	4644-212*	2x11.5NPT		

* Supplied with manufacturer inspection certificate

NPT THREAD RING GAGES

INSIZE PLUS**INSPECTION
CERTIFICATE**

4634-3C18

- American tapered pipe thread
for threads with sealant
- Standard ANSI / ASME B1.20.1
- Taper 1:16
- Material: OHNS
(Oil Hardened Non-shrinking Steel),
stable dimension and wear resistance
- Hardness HRC60-62

Code	Size	Code	Size	Code	Size
4634-1D27*	1/16x27NPT	4634-3B14*	3/4x14NPT	4634-1J8*	2-1/2x8NPT
4634-1C27*	1/8x27NPT	4634-112*	1x11.5NPT	4634-38*	3x8NPT
4634-1B18*	1/4x18NPT	4634-1G12*	1-1/4x11.5NPT	4634-1N8*	3-1/2x8NPT
4634-3C18*	3/8x18NPT	4634-1H12*	1-1/2x11.5NPT	4634-48*	4x8NPT
4634-1A14*	1/2x14NPT	4634-212*	2x11.5NPT		

* Supplied with manufacturer inspection certificate



WHITWORTH PIPE THREAD PLUG GAGES (G SERIES)

INSIZE PLUS

Code	Size
4645-1C28 *	G 1/8-28
4645-1B19 *	G 1/4-19
4645-3C19 *	G 3/8-19
4645-1A14 *	G 1/2-14
4645-3B14 *	G 3/4-14

Code	Size
4645-111 *	G 1-11
4645-1G11 *	G 1.1/4-11
4645-1H11 *	G 1.1/2-11
4645-211 *	G 2-11



4645-1A14

- Supplied with Go and No-Go end
- Standard ISO 228

* Supplied with manufacturer inspection certificate



WHITWORTH PIPE THREAD RING GAGES (G SERIES)

INSIZE PLUS

- Class A
- Standard ISO 228

Code (GO)	Code (NOGO)	Size
4635-1C28 *	4635-1C28N *	G 1/8-28
4635-1B19 *	4635-1B19N *	G 1/4-19
4635-3C19 *	4635-3C19N *	G 3/8-19
4635-1A14 *	4635-1A14N *	G 1/2-14
4635-3B14 *	4635-3B14N *	G 3/4-14

Code (GO)	Code (NOGO)	Size
4635-111 *	4635-111N *	G 1-11
4635-1G11 *	4635-1G11N *	G 1.1/4-11
4635-1H11 *	4635-1H11N *	G 1.1/2-11
4635-211 *	4635-211N *	G 2-11



4635-1A14



4635-1A14N

* Supplied with manufacturer inspection certificate



BSPT TAPER THREAD PLUG GAGES

INSIZE PLUS

Code	Size
4646-1C28 *	1/8-28 BSPT
4646-1B19 *	1/4-19 BSPT
4646-3C19 *	3/8-19 BSPT
4646-1A14 *	1/2-14 BSPT
4646-3B14 *	3/4-14 BSPT
4646-111 *	1-11 BSPT
4646-1G11 *	1.1/4-11 BSPT

Code	Size
4646-1H11 *	1.1/2-11 BSPT
4646-211 *	2-11 BSPT
4646-2H11 *	2.1/2-11 BSPT
4646-311 *	3-11 BSPT
4646-411 *	4-11 BSPT
4646-511 *	5-11 BSPT
4646-611 *	6-11 BSPT



4646-1A14

- Standard BS 21-1985

* Supplied with manufacturer inspection certificate



BSPT TAPER THREAD RING GAGES

INSIZE PLUS

Code	Size
4636-1C28 *	1/8-28 BSPT
4636-1B19 *	1/4-19 BSPT
4636-3C19 *	3/8-19 BSPT
4636-1A14 *	1/2-14 BSPT
4636-3B14 *	3/4-14 BSPT
4636-111 *	1-11 BSPT
4636-1G11 *	1.1/4-11 BSPT

Code	Size
4636-1H11 *	1.1/2-11 BSPT
4636-211 *	2-11 BSPT
4636-2H11 *	2.1/2-11 BSPT
4636-311 *	3-11 BSPT
4636-411 *	4-11 BSPT
4636-511 *	5-11 BSPT
4636-611 *	6-11 BSPT



front



back

4636-1A14

- Standard BS 21-1985

* Supplied with manufacturer inspection certificate