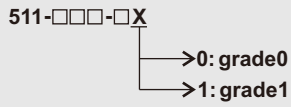


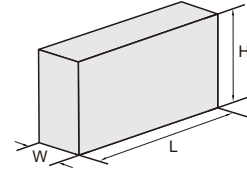


- ◆ Made of ceramic
- ◆ Meet ISO 3650
- ◆ With manufacturer inspection certificate
- ◆ Code explanation



Size:

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



Example:

Code	Quantity	Grade
511-112-00	112	0
511-112-01	112	1

511-087-00

Code	Blocks per set	Block allocation		
		Size(mm)	Step(mm)	Quantity
511-122-0X	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
		0.5-24.5	0.5	49
		30-100	10	8
		25-75		2
511-112-0X	112	1.0005		1
		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
511-103-0X	103	1.005		1
		1.01-1.49	0.01	49
		0.5-24.5	0.5	49
		25-100	25	4
511-088-0X	88	1.0005		1
		1.001-1.009	0.001	9
		1.01-1.49	0.01	49
		0.5-9.5	0.5	19
		10-100	10	10
511-087-0X	87	1.001-1.009	0.001	9
		1.01-1.49	0.01	49
		0.5-9.5	0.5	19
		10-100	10	10
		1.005		1
511-076-0X	76	1.005		1
		1.01-1.49	0.01	49
		0.5-9.5	0.5	19
		10-40	10	4
		50-100	25	3

Code	Blocks per set	Block allocation		
		Size(mm)	Step(mm)	Quantity
511-056-0X	56	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
511-047-0X	47	1.005		1
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-24	1	24
		25-100	25	4
511-047-1X	47	1.005		1
		1.01-1.19	0.01	19
		1.2-1.9	0.1	8
		1-9	1	9
		10-100	10	10
511-046-0X	46	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
		10-100	10	10
511-034-0X	34	1.0005		1
		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
511-032-0X	32	1.005		1
		1.01-1.09		9
		1.1-1.9	0.01	9
		1-9	0.1	9
		10-30	1	3
		60	10	1

SERIES 512

CARBIDE GAUGE BLOCK SET



- ◆ Made of carbide
- ◆ Meet ISO 3650
- ◆ With manufacturer inspection certificate
- ◆ Code explanation

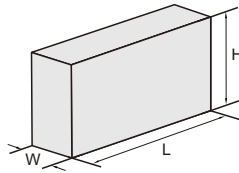
512-□□□-□XT
 >0: grade0
 >1: grade1

Example:

Code	Grade	Quantity
512-112-00T	0	112
512-112-01T	1	112

Size:

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



512-087-01T

Plastic box



Code	Blocks per set	Block allocation		
		Size(mm)	Step(mm)	Quantity
512-122-0XT	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
		0.5-24.5	0.5	49
		30-100	10	8
512-112-0XT	112	25-75	50	2
		1.0005		1
		1.001-1.009	0.001	9
		1.01-1.49	0.01	49
512-103-0XT	103	0.5-24.5	0.5	49
		25-100	25	4
		1.005		1
		1.01-1.49	0.01	49
512-087-0XT	87	0.5-24.5	0.5	49
		25-100	25	4
		1.001-1.009	0.001	9
		1.01-1.49	0.01	49
512-083-0XT	83	0.5-9.5	0.5	19
		10-100	10	10
		0.5		1
		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
512-076-0XT	76	10-100	10	10
		1.005		1
		1.01-1.49	0.01	49
		0.5-9.5	0.5	19
		10-40	10	4

Code	Blocks per set	Block allocation		
		Size(mm)	Step(mm)	Quantity
512-047-0XT	47	1.005		1
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-24	1	24
512-047-1XT	47	25-100	25	4
		1.005		1
		1.01-1.19	0.01	19
		1.2-1.9	0.1	8
512-046-0XT	46	1-9	1	9
		10-100	10	10
		1.001-1.009	0.001	9
512-034-0XT	34	1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-5	1	5
		10		1
		1.005		1
512-032-0XT	32	1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-9	1	9
		10-30	10	3
		50		1

SERIES 512

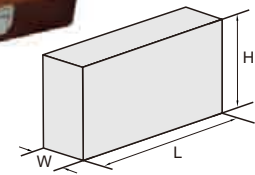
STEEL GAUGE BLOCK SET



- ◆ Made of steel
- ◆ Meet ISO 3650
- ◆ With manufacturer inspection certificate
- ◆ Code explanation

512-□□□-□X

- 0: grade0
- 1: grade1
- 2: grade2



Example:

Code	Grade	Quantity
512-112-00	0	112
512-112-01	1	112
512-112-02	2	112

Plastic box



512-087-02

Size:

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

Code	Blocks per set	Block allocation		
		Size(mm)	Step (mm)	Quantity
512-122-0X	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
		0.5-24.5	0.5	49
		30-100	10	8
512-112-0X	112	25-75	50	2
		1.0005		1
		1.001-1.009	0.001	9
		1.01-1.49	0.01	49
512-103-0X	103	0.5-24.5	0.5	49
		25-100	25	4
		1.0005		1
		1.01-1.49	0.01	49
512-088-0X	88	0.5-9.5	0.5	19
		10-100	10	10
		1.0005		1
		1.001-1.009	0.001	9
512-087-0X	87	1.01-1.49	0.01	49
		0.5-9.5	0.5	19
		10-100	10	10
		1.001-1.009	0.001	9

Code	Blocks per set	Block allocation		
		Size(mm)	Step (mm)	Quantity
512-083-0X	83	0.5		1
		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
512-076-0X	76	10-100	10	10
		1.0005		1
		1.01-1.49	0.01	49
		0.5-9.5	0.5	19
512-056-0X	56	10-40	10	4
		50-100	25	3
		1.0005		1
512-047-0X	47	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
512-047-1X	47	1.005		1
		1.01-1.19	0.01	19
		1.2-1.9	0.1	8
		1-9	1	9
512-046-0X	46	10-100	10	10
		1-9	1	9
		1.001-1.009	0.001	9

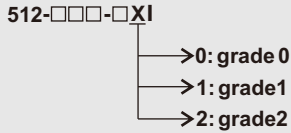
Code	Blocks per set	Block allocation		
		Size(mm)	Step (mm)	Quantity
512-038-0X	38	1.001-1.009	0.001	9
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-9	1	9
		10-100	10	10
512-034-0X	34	1.0005		1
		1.001-1.009	0.001	9
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
512-032-0X	32	1-5	1	5
		10		1
		1.0005		1
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
512-032-1X	32	1-9	1	9
		10-30	10	3
		50		1
		1.005		1
512-008-0X	8	1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-9	1	9
512-008-0X	8	10-30	10	3
		60		1
		125-175	25	3
512-008-0X	8	200-250	50	2
		300-500	100	3

SERIES 512

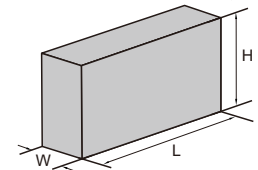
STEEL GAUGE BLOCK SET



- ◆ Made of alloy steel
- ◆ Meet ASME B89.1.9
- ◆ With manufacturer inspection certificate
- ◆ Code explanation



512-081-001



Size:

Size(L)	W	H
0.02≤L≤0.394"	0.354"	1.181"
L > 0.394"	0.354"	1.378"

Plastic box



Example:

Code	Quantity	Grade
512-036-001	36	0
512-036-011	36	1
512-036-021	36	2

Code	Blocks per set	Block allocation		
		Size(inch)	Step(inch)	Quantity
512-008-0X1	8	5-8	1	4
		10-12	2	2
		16		1
		20		1
512-081-0X1	81	0.1001-0.1009	0.0001	9
		0.101-0.149	0.001	49
		0.05-0.95	0.05	19
		1-4	1	4

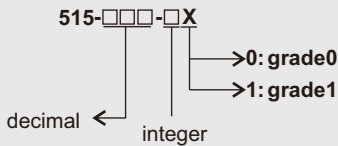
Code	Blocks per set	Block allocation		
		Size(inch)	Step(inch)	Quantity
512-036-0X1	36	0.05		1
		0.1001-0.1009	0.0001	9
		0.101-0.109	0.001	9
		0.11-0.19	0.01	9
		0.1-0.5	0.1	5
		1		1
		2		1
		4		1

SERIES 515

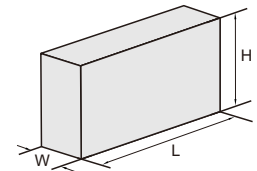
CERAMIC INDIVIDUAL GAUGE BLOCK (<10MM)



- ◆ Made of ceramic
- ◆ Meet ISO 3650
- ◆ With manufacturer inspection certificate
- ◆ Code explanation



515-700-70



Size:

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

Supplied below size, unit:mm

0.5	1.01	1.13	1.25	1.37	1.49	5
1	1.02	1.14	1.26	1.38	1.5	5.1
1.0005	1.03	1.15	1.27	1.39	1.6	5.5
1.001	1.04	1.16	1.28	1.4	1.7	6
1.002	1.05	1.17	1.29	1.41	1.8	6.5
1.003	1.06	1.18	1.3	1.42	1.9	7
1.004	1.07	1.19	1.31	1.43	2	7.5
1.005	1.08	1.2	1.32	1.44	2.5	7.7
1.006	1.09	1.21	1.33	1.45	3	8
1.007	1.1	1.22	1.34	1.46	3.5	8.5
1.008	1.11	1.23	1.35	1.47	4	9
1.009	1.12	1.24	1.36	1.48	4.5	9.5

Example:

Code	Grade	Size(mm)
515-500-00	0	0.5
515-500-01	1	0.5
515-000-10	0	1
515-0005-11	1	1.0005
515-400-11	1	1.4
515-480-11	1	1.48

SERIES 516

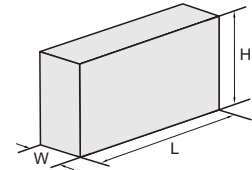
CERAMIC INDIVIDUAL GAUGE BLOCK (≥10MM)



- ◆ Made of ceramic
- ◆ Meet ISO 3650
- ◆ With manufacturer inspection certificate
- ◆ Code explanation
 516-□□□-□X
 →0: grade0
 →1: grade1



516-800-01



Example:

Code	Grade	Size(mm)
516-200-00	0	20
516-200-01	1	20

Size:

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

Code	Size(mm)	Code	Size(mm)	Code	Size(mm)	Code	Size(mm)	Code	Size(mm)
516-100-0X	10	516-140-0X	14	516-185-0X	18.5	516-228-0X	22.8	516-600-0X	60
516-103-0X	10.3	516-145-0X	14.5	516-190-0X	19	516-230-0X	23	516-700-0X	70
516-105-0X	10.5	516-150-0X	15	516-195-0X	19.5	516-235-0X	23.5	516-750-0X	75
516-110-0X	11	516-155-0X	15.5	516-200-0X	20	516-240-0X	24	516-800-0X	80
516-115-0X	11.5	516-160-0X	16	516-202-0X	20.2	516-245-0X	24.5	516-900-0X	90
516-120-0X	12	516-165-0X	16.5	516-205-0X	20.5	516-250-0X	25	516-004-1X	100
516-125-0X	12.5	516-170-0X	17	516-210-0X	21	516-300-0X	30	516-005-1X	125
516-129-0X	12.9	516-175-0X	17.5	516-215-0X	21.5	516-400-0X	40	516-006-1X	150
516-130-0X	13	516-176-0X	17.6	516-220-0X	22	516-413-0X	41.3		
516-135-0X	13.5	516-180-0X	18	516-225-0X	22.5	516-500-0X	50		

SERIES 513

STEEL INDIVIDUAL GAUGE BLOCK (<10MM)

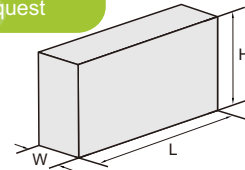
CUSTOM-MADE
other sizes are available upon request



- ◆ Made of steel
- ◆ Meet ISO 3650
- ◆ With manufacturer inspection certificate
- ◆ Code explanation
 513-□□□-□X
 →0: grade0
 →1: grade1
 →2: grade2
 decimal ← integer



513-700-70



Size:

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

Supplied below size, unit:mm

0.5	0.69	0.88	0.998	1.07	1.26	1.45	2.008	2.19	2.38	4
0.51	0.7	0.89	0.999	1.08	1.27	1.46	2.009	2.2	2.39	4.5
0.52	0.71	0.9	1	1.09	1.28	1.47	2.01	2.21	2.4	5
0.53	0.72	0.91	1.0005	1.1	1.29	1.48	2.02	2.22	2.41	5.1
0.54	0.73	0.92	1.001	1.11	1.3	1.49	2.03	2.23	2.42	5.5
0.55	0.74	0.93	1.002	1.12	1.31	1.5	2.04	2.24	2.43	6
0.56	0.75	0.94	1.003	1.13	1.32	1.6	2.05	2.25	2.44	6.5
0.57	0.76	0.95	1.004	1.14	1.33	1.7	2.06	2.26	2.45	7
0.58	0.77	0.96	1.005	1.15	1.34	1.8	2.07	2.27	2.46	7.5
0.59	0.78	0.97	1.006	1.16	1.35	1.9	2.08	2.28	2.47	7.7
0.6	0.79	0.98	1.007	1.17	1.36	2	2.09	2.29	2.48	8
0.61	0.8	0.99	1.008	1.18	1.37	2.0005	2.1	2.3	2.49	8.5
0.62	0.81	0.991	1.009	1.19	1.38	2.001	2.11	2.31	2.5	9
0.63	0.82	0.992	1.01	1.2	1.39	2.002	2.12	2.32	2.6	9.5
0.64	0.83	0.993	1.02	1.21	1.4	2.003	2.13	2.33	2.7	
0.65	0.84	0.994	1.03	1.22	1.41	2.004	2.14	2.34	2.8	
0.66	0.85	0.995	1.04	1.23	1.42	2.005	2.15	2.35	2.9	
0.67	0.86	0.996	1.05	1.24	1.43	2.006	2.16	2.36	3	
0.68	0.87	0.997	1.06	1.25	1.44	2.007	2.17	2.37	3.5	

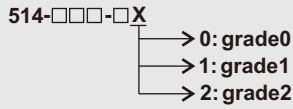
Example:

Code	Size(mm)	Grade
513-500-00	0.5	0
513-500-01	0.5	1
513-500-02	0.5	2
513-000-10	1	0
513-0005-11	1.0005	1
513-400-12	1.4	2
513-480-11	1.48	1

SERIES 514

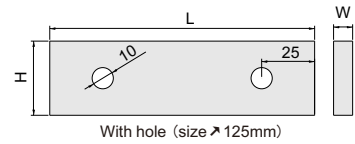
STEEL INDIVIDUAL GAUGE BLOCK (≥10MM)

- ◆ Made of steel
- ◆ Meet ISO 3650
- ◆ With manufacturer inspection certificate
- ◆ Code explanation



514-004-1X

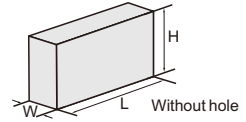
CUSTOM-MADE
other sizes are available upon request



Size:

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

Code	Size(mm)	Code	Size(mm)	Code	Size(mm)	Code	Size(mm)
514-100-0X	10	514-155-0X	15.5	514-210-0X	21	514-413-0X	41.3
514-103-0X	10.3	514-160-0X	16	514-215-0X	21.5	514-450-0X	45
514-105-0X	10.5	514-165-0X	16.5	514-220-0X	22	514-500-0X	50
514-110-0X	11	514-170-0X	17	514-225-0X	22.5	514-600-0X	60
514-115-0X	11.5	514-175-0X	17.5	514-228-0X	22.8	514-700-0X	70
514-120-0X	12	514-176-0X	17.6	514-230-0X	23	514-750-0X	75
514-125-0X	12.5	514-180-0X	18	514-235-0X	23.5	514-800-0X	80
514-129-0X	12.9	514-185-0X	18.5	514-240-0X	24	514-900-0X	90
514-130-0X	13	514-190-0X	19	514-245-0X	24.5	514-004-1X	100
514-135-0X	13.5	514-195-0X	19.5	514-250-0X	25	514-005-1X	125
514-140-0X	14	514-200-0X	20	514-300-0X	30	514-006-1X	150
514-145-0X	14.5	514-202-0X	20.2	514-350-0X	35	514-007-1X	175
514-150-0X	15	514-205-0X	20.5	514-400-0X	40	514-008-1X	200

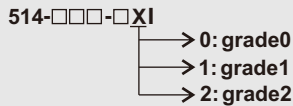


Code	Size(mm)
514-010-1X	250
514-012-1X	300
514-016-1X	400
514-020-1X	500
514-024-1X	600
514-028-1X	700
514-030-1X	750
514-032-1X	800
514-036-1X	900
514-040-1X	1000

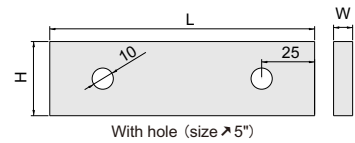
SERIES 514

INDIVIDUAL STEEL GAUGE BLOCKS

- ◆ Made of alloy steel
- ◆ Meet ASME B89.1.9
- ◆ With manufacturer inspection certificate
- ◆ Code explanation



514-000-4XI



Size:

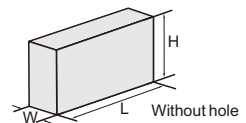
Size (L)	W	H
.02" ≤ L ≤ .394"	.354"	1.181"
L > .394"	.354"	1.378"

Example:

Code	Grade	Size (L)
514-000-10I	0	1"
514-000-11I	1	1"
514-000-12I	2	1"

Code	Size(L)
514-000-1XI	1"
514-000-2XI	2"
514-000-3XI	3"
514-000-4XI	4"
514-000-5XI	5"
514-000-6XI	6"

Code	Size(L)
514-000-7XI	7"
514-000-8XI	8"
514-010-0XI	10"
514-012-0XI	12"
514-016-0XI	16"
514-020-0XI	20"



SERIES 517**GAUGE BLOCK SET FOR CALIPER INSPECTION**

- ◆ For checking calipers accuracy
- ◆ With ring gauges
- ◆ Meet ISO 3650
- ◆ Gauge blocks are made of alloy steel
- ◆ With manufacturer inspection certificate


517-005-01

Code	Gauge block allocation	Quantity	Grade	Ring gauge
517-005-01	30, 41.3, 131.4mm	5pcs	1	Ø4,Ø25mm
517-006-01	30, 41.3, 131.4, 243.5mm	6pcs	1	Ø4,Ø25mm

SERIES 517**GAUGE BLOCK SET FOR CALIPER INSPECTION**

- ◆ For checking calipers accuracy
- ◆ Meet ISO 3650
- ◆ Gauge blocks are made of alloy steel
- ◆ With manufacturer inspection certificate


517-012-01

Code	Gauge block allocation	Quantity	Grade
517-012-01	10, 20, 20, 41.2, 51.2, 81.5, 101.2, 121.5, 121.8, 191.8, 201.5, 291.8mm	12pcs	0
517-012-02	10, 20, 20, 41.2, 51.2, 81.5, 101.2, 121.5, 121.8, 191.8, 201.5, 291.8mm	12pcs	1
517-012-03	10, 20, 20, 41.2, 51.2, 81.5, 101.2, 121.5, 121.8, 191.8, 201.5, 291.8mm	12pcs	2

SERIES 518

GAUGE BLOCK SET FOR MICROMETER INSPECTION



- ◆ For checking micrometers accuracy
- ◆ With optical parallel
- ◆ Grade 0
- ◆ Meet ISO 3650
- ◆ With manufacturer inspection certificate



518-001-03

Measure



Code	Quantity	For micrometers	Material	Block allocation
518-001-02	11pcs	0-25mm	ceramic	2.5, 5.1, 7.7, 10.3, 12.9, 15, 17.6, 20.2, 22.8, 25mm
518-001-03	11pcs	0-25mm	alloy steel	2.5, 5.1, 7.7, 10.3, 12.9, 15, 17.6, 20.2, 22.8, 25mm

SERIES 518

GAUGE BLOCK SET FOR MICROMETER INSPECTION



- ◆ For checking micrometers accuracy
- ◆ Grade 0
- ◆ Meet ISO 3650
- ◆ With manufacturer inspection certificate



518-001-01

Code	Quantity	For micrometers	Material	Block allocation
518-001-01	10pcs	0-25mm	alloy steel	2.5, 5.1, 7.7, 10.3, 12.9, 15, 17.6, 20.2, 22.8, 25mm
518-002-01	11pcs	25-50mm	alloy steel	25, 27.5, 30.1, 32.7, 35.3, 37.9, 40, 42.6, 45.2, 47.8, 50mm
518-003-01	11pcs	50-75mm	alloy steel	50, 52.5, 55.1, 57.7, 60.3, 62.9, 65, 67.6, 70.2, 72.8, 75mm
518-004-01	11pcs	75-100mm	alloy steel	75, 77.5, 80.1, 82.7, 85.3, 87.9, 90, 92.6, 95.2, 97.8, 100mm

518**GAUGE BLOCK SET FOR MICROMETER INSPECTION**

- ◆ Meet ISO3650
- ◆ Grade 0
- ◆ With manufacturer inspection certificate



Code	Quantity	Applicable micrometer	Material	Gauge blocks included in set
518-104-01	20pcs	0-100mm	alloy steel	5.12mm, 10.24mm, 15.36mm, 21.5mm, 25mm, 30.12mm, 35.24mm, 40.36mm, 46.5mm, 50mm, 55.12mm, 60.24mm, 65.36mm, 71.5mm, 75mm, 80.12mm, 85.24mm, 90.36mm, 96.5mm, 100mm

508**GAUGE BLOCK SET FOR MICROMETER INSPECTION**

- ◆ Use to check the accuracy of micrometer with series 518 gauge block set



Application



Code	Applicable micrometer
508-001-00	0-25mm

519

GAUGE BLOCK ACCESSORIES

◆ To expand gage block applications



Code	Total quantity	Accessory allocation
519-016-01	17pcs	3pcs holder (50mm, 100mm, 200mm) 6pcs half round jaw (2mm, 5mm, 10mm, 2pcs each) 1pc holder base, 2pcs 100mm plain jaws, 1pc scriber point, 1pc center point, 2pcs triangular straight edge jaw 60mm 1pc 100mm straight edge

519

GAUGE BLOCK ACCESSORIES

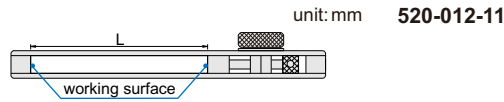


Code	Remark	Accessory allocation
519-016-01H	16pcs	4pcs holder(0-50mm, 50-100mm, 100-200mm, 200-300mm); 1pc base; 1pair plain jaw; 1pc parallel jaw; 3pairs half round jaw(2.5mm, 5mm, 6mm); 1pc scriber; 1pc center point

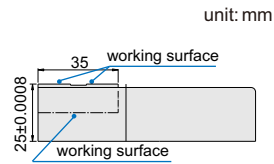
SERIES 520

GAUGE BLOCK ACCESSORIES

Code	Name	Clamping range (L)
520-002-11	holder	0-50mm
520-004-11	holder	50-100mm
520-008-11	holder	100-200mm
520-012-11	holder	200-300mm
520-016-11	holder	300-400mm
520-020-11	holder	400-500mm



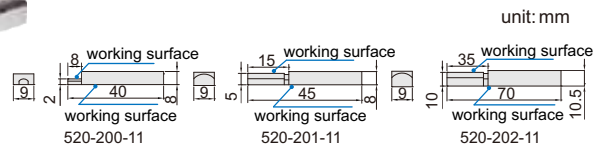
Code	Name
520-100-11	base



Code	Name	Size	Material
520-200-11	half round jaw	2mm	carbide
520-201-11	half round jaw	5mm	carbide
520-202-11	half round jaw	10mm	carbide



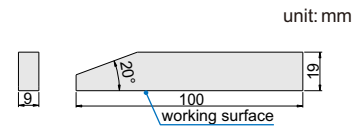
supplied a pair



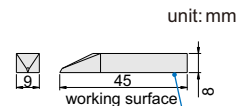
Code	Name	Material
520-300-11	plain jaw	carbide



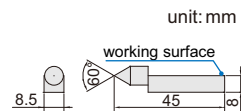
supplied a pair



Code	Name	Material
520-400-11	scriber	carbide



Code	Name	Tip Material
520-500-11	center point	carbide



Application

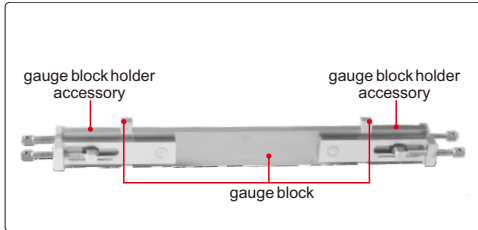
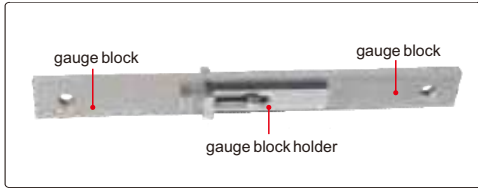
<p>(plain jaw+holder) set zero</p>	<p>(half round jaw+holder) set a standard inside length L</p>	<p>(half round jaw+holder) measure inside diameter</p>
	<p>(base+holder+scraper) measure height or scribe</p>	<p>(scraper+centre point+holder) scribe circle</p>

510

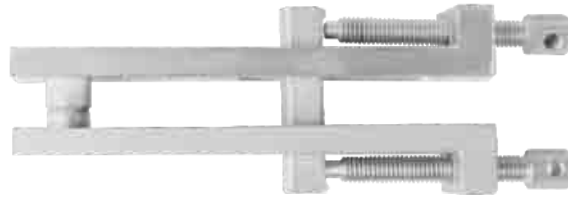
GAUGE BLOCK HOLDER

- ◆ For gauge blocks over 100mm with clamping holes
- ◆ Optional accessory: gauge block holder accessory, gauge block accessory

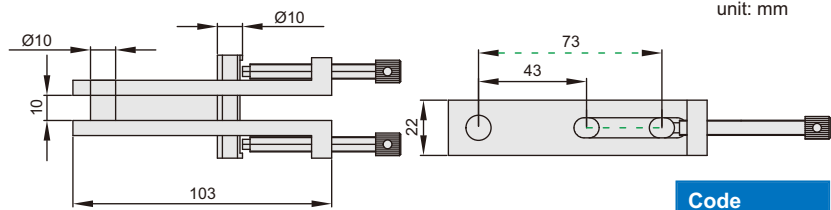
Application



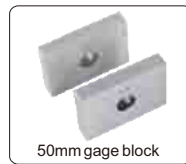
Code	Include
510-302-01	510-000-01 (3 set) 510-000-02 (1pairs)



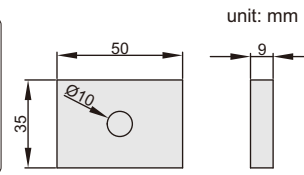
510-000-01



Code
510-000-01



50mm gage block



510-000-02

Code
510-000-02

SERIES 561

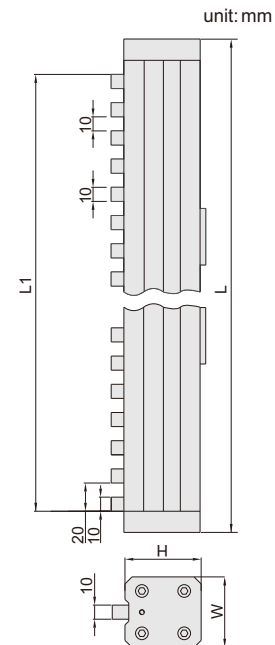
CHECK MASTER



- ◆ For checking the accuracy of measuring tools like calipers, height gage and so on
- ◆ Can be used in vertical and horizontal orientation
- ◆ With manufacturer inspection certificate



561-024-01



Code	Range	Parallelism of blocks	Accuracy	W	H	L1	L
561-012-01	300mm	1.2µm	±2.5µm	35	32	310	350
561-018-01	450mm	1.5µm	±3.5µm	42	50	470	510
561-024-01	600mm	1.5µm	±3.5µm	42	50	610	650



- ◆ To check calipers and height gages
- ◆ Constructed with steel gage blocks
- ◆ With manufacturer inspection certificate

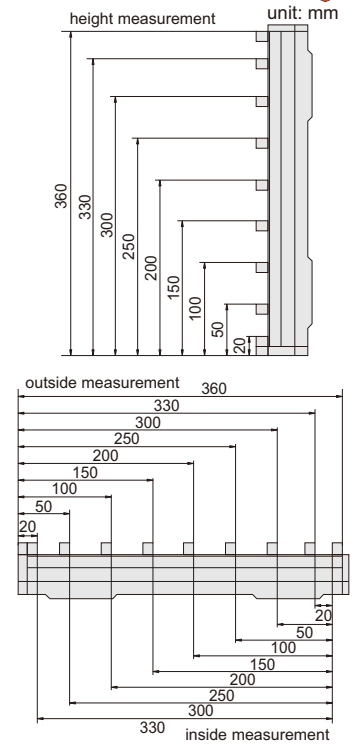


horizontal use

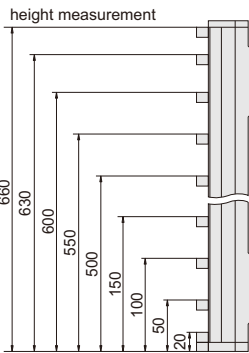
vertical use



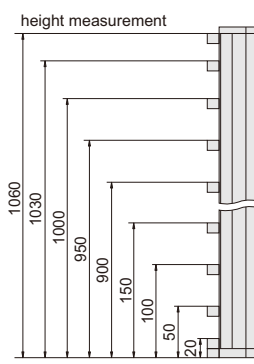
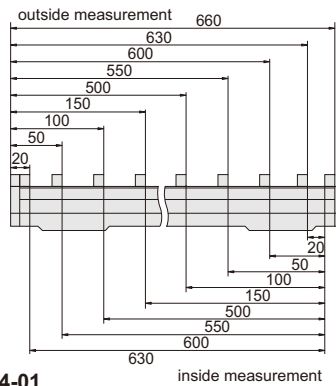
560-024-01



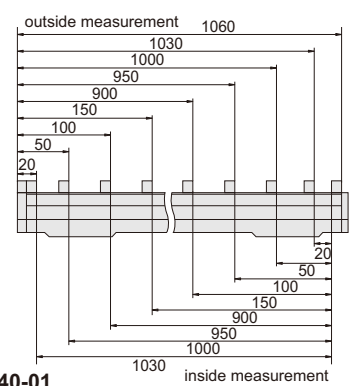
560-012-01



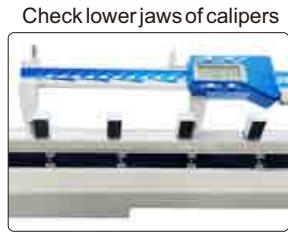
560-024-01



560-040-01



Check upper jaws of calipers



Check lower jaws of calipers



Check height gage

Code	Size	Range of inside measurement	Range of outside measurement	Range of height measurement	Accuracy
560-012-01	0-300mm	20, 50, 100, 150, 200, 250, 300, 330mm	20, 50, 100, 150, 200, 250, 300, 330, 360mm	20, 50, 100, 150, 200, 250, 300, 330, 360mm	±3µm
560-024-01	0-600mm	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 630mm	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 630, 660mm	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 630, 660mm	±5µm
560-040-01	0-1000mm	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1030mm	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1030, 1060mm	20, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1030, 1060mm	±7µm

SERIES 570

ANGLE GAUGE BLOCK SET



- ◆ 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)
- ◆ With manufacturer inspection certificate

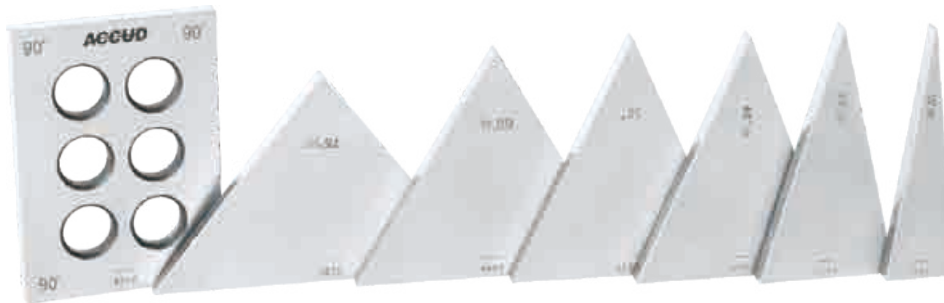


570-015-01

Code	Angle	Total quantity
570-013-01	1°, 3°, 9°, 27°, 41', 1', 3', 9', 27', 6", 18", 30", 90°/90°/90°/90°	13pcs
570-015-01	1°, 3°, 5°, 15°, 30°, 45', 1', 3', 5', 20', 30', 6", 12", 30", 90°/90°/90°/90°	15pcs

571

ANGLE GAUGE BLOCK SET



571-007-01

- ◆ For angle comparison
- ◆ One angle can be as used in triangle blocks
four angles can be as used in rectangle blocks
- ◆ With manufacturer inspection certificate

Code	Angle	Blocks per set	Accuracy	Sharp
571-007-01	15°10', 30°20', 45°30', 50°, 60°40', 75°50', 90°	7	$\pm 10''$	triangle/rectangle



SERIES 522

INDIVIDUAL PIN GAUGE

CUSTOM-MADE
Standard size above 40mm are available upon request

- ◆ Accuracy:
 - ±1µm (range:0.1-13mm)
 - ±2µm (range:13-40mm)
- ◆ Made of alloy steel
- ◆ Hardness HRC62-65
- ◆ Code explanation:

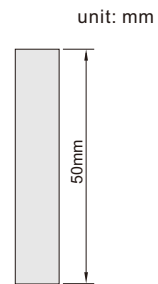
522-□□□□-2

|

diameter



522-06933-2



Package



Example:

Code	Size(mm)	Accuracy
522-00125-2	0.125	±1µm
522-09125-2	9.125	±1µm
522-19125-2	19.125	±2µm

522

INDIVIDUAL CARBIDE PIN GAUGE

CUSTOM-MADE
Size between 13 to 30mm, are available upon request

- ◆ Supplied diameter from 0.3 to 30mm,
- ◆ Accuracy:
 - ±1µm (range:0.3-13mm)
 - ±2µm (range:13-30mm)
- ◆ Carbide material
- ◆ Hardness HRA90-90.5
- ◆ Length 50mm
- ◆ Code explanation:

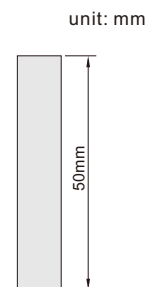
522-□□□□-2T

|

diameter



522-06000-2T



Package



Example:

Code	Size(mm)	Accuracy
522-10000-2T	10	±1µm

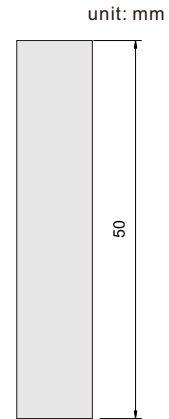
SERIES 528

INDIVIDUAL CERAMIC PIN GAUGE

- ◆ Meet DIN2269, grade 1
- ◆ Diameter range: 01.000-10.000mm
- ◆ Diameter accuracy: $\pm 1\mu\text{m}$
- ◆ Made of ceramic, extremely wear resistance, corrosion resistance and dimensional stability
- ◆ Code explanation:
528-□□□□-1
 diameter



528-10000-1



Example:

Code	Size(mm)
528-05000-1	5
528-10000-1	10

SERIES 521

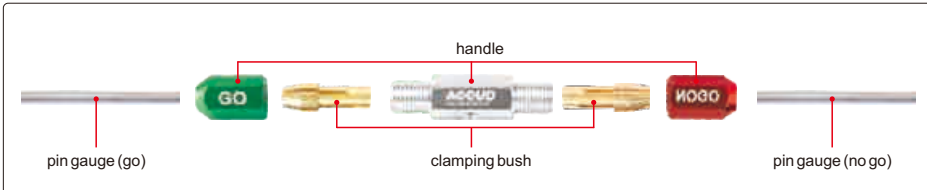
PIN GAUGE HANDLE

- ◆ Supplied with wrench for installing pin gauges
- ◆ Clamping bushes are made of brass



handle

Before assemble



After assemble



Code	Applicable pin gauge diameter
521-001-11	0.2-1.0mm
521-002-11	1.0-2.0mm
521-003-11	2.0-3.0mm
521-004-11	3.0-4.0mm
521-005-11	4.0-5.0mm
521-006-11	5.0-6.0mm

Code	Applicable pin gauge diameter
521-007-11	6.0-7.0mm
521-008-11	7.0-8.0mm
521-009-11	8.0-9.0mm
521-010-11	9.0-10.0mm
521-011-11	10.0-11.0mm
521-012-11	11.0-12.0mm

Code	Applicable pin gauge diameter
521-013-11	12.0-13.0mm
521-014-11	13.0-14.0mm
521-015-11	14.0-15.0mm
521-016-11	15.0-16.0mm
521-017-11	16.0-17.0mm
521-018-11	17.0-18.0mm

Code	Applicable pin gauge diameter
521-019-11	18.0-19.0mm
521-020-11	19.0-20.0mm
521-021-11	20.0-21.0mm
521-022-11	21.0-22.0mm



523-650-51



523-300-101

Blow mould case

Code	Diameter(mm)	Step	Quantity
523-100-091	0.1-1.00	0.01mm	91
523-200-101	1.00-2.00	0.01mm	101
523-300-101	2.00-3.00	0.01mm	101
523-400-101	3.00-4.00	0.01mm	101
523-500-101	4.00-5.00	0.01mm	101
523-600-101	5.00-6.00	0.01mm	101
523-700-101	6.00-7.00	0.01mm	101
523-800-101	7.00-8.00	0.01mm	101
523-900-101	8.00-9.00	0.01mm	101
523-1000-101	9.00-10.00	0.01mm	101

Aluminum box

Code	Diameter(mm)	Step	Quantity
523-010-41	0.10-0.50	0.01mm	41
523-020-31	0.20-0.50	0.01mm	31
523-050-51	0.50-1.00	0.01mm	51
523-100-51	1.00-1.50	0.01mm	51
523-150-51	1.50-2.00	0.01mm	51
523-200-51	2.00-2.50	0.01mm	51
523-250-51	2.50-3.00	0.01mm	51
523-300-51	3.00-3.50	0.01mm	51
523-350-51	3.50-4.00	0.01mm	51
523-400-51	4.00-4.50	0.01mm	51
523-450-51	4.50-5.00	0.01mm	51
523-500-01	5.00-5.50	0.01mm	51
523-550-51	5.50-6.00	0.01mm	51
523-600-51	6.00-6.50	0.01mm	51
523-650-51	6.50-7.00	0.01mm	51
523-700-51	7.00-7.50	0.01mm	51
523-750-51	7.50-8.00	0.01mm	51
523-800-51	8.00-8.50	0.01mm	51
523-850-51	8.50-9.00	0.01mm	51
523-900-51	9.00-9.50	0.01mm	51
523-950-51	9.50-10.00	0.01mm	51

- ◆ Made of alloy steel
- ◆ Hardness HRC62-65
- ◆ Accuracy:
 - ±1µm (range:0.1-13mm)
 - ±2µm (range:13-40mm)

Code	Diameter(mm)	Step	Quantity
523-0110-100	0.1-10.00	0.1mm	100
523-500-41	1.0-5.0	0.1mm	41
523-500-51	5.0-10.0	0.1mm	51
523-1000-01	10.0-15.0	0.1mm	51
523-1500-01	15.0-20.0	0.1mm	51

Aluminum box

Code	Diameter(mm)	Step	Quantity
523-1000-51	10.00-10.50	0.01mm	51
523-1050-51	10.50-11.00	0.01mm	51
523-1100-51	11.00-11.50	0.01mm	51
523-1150-51	11.50-12.00	0.01mm	51
523-1200-51	12.00-12.50	0.01mm	51
523-1250-51	12.50-13.00	0.01mm	51
523-1300-51	13.00-13.50	0.01mm	51
523-1350-51	13.50-14.00	0.01mm	51
523-1400-51	14.00-14.50	0.01mm	51
523-1450-51	14.50-15.00	0.01mm	51
523-1500-51	15.00-15.50	0.01mm	51
523-1550-51	15.50-16.00	0.01mm	51
523-1600-51	16.00-16.50	0.01mm	51
523-1650-51	16.50-17.00	0.01mm	51
523-1700-51	17.00-17.50	0.01mm	51
523-1750-51	17.50-18.00	0.01mm	51
523-1800-51	18.00-18.50	0.01mm	51
523-1850-51	18.50-19.00	0.01mm	51
523-1900-51	19.00-19.50	0.01mm	51
523-1950-51	19.50-20.00	0.01mm	51

SERIES 523

CARBIDE PIN GAUGE SET

- ◆ Meet DIN2269, grade 1
- ◆ Made of carbide
- ◆ Hardness HRA90-90.5
- ◆ Diameter accuracy: ±1µm



523-1000-51T



523-300-101T

Aluminum box

Code	Diameter(mm)	Step	Quantity
523-1000-51T	10.00-10.50	0.01mm	51
523-1050-51T	10.50-11.00	0.01mm	51
523-1100-51T	11.00-11.50	0.01mm	51
523-1150-51T	11.50-12.00	0.01mm	51
523-1200-51T	12.00-12.50	0.01mm	51
523-1250-51T	12.50-13.00	0.01mm	51
523-1300-51T	13.00-13.50	0.01mm	51
523-1350-51T	13.50-14.00	0.01mm	51
523-1400-51T	14.00-14.50	0.01mm	51
523-1450-51T	14.50-15.00	0.01mm	51

Blow mould case

Code	Diameter(mm)	Step	Quantity
523-100-091T	0.10-1.00	0.01mm	91
523-200-101T	1.00-2.00	0.01mm	101
523-300-101T	2.00-3.00	0.01mm	101
523-400-101T	3.00-4.00	0.01mm	101
523-500-101T	4.00-5.00	0.01mm	101
523-600-101T	5.00-6.00	0.01mm	101
523-700-101T	6.00-7.00	0.01mm	101
523-800-101T	7.00-8.00	0.01mm	101
523-900-101T	8.00-9.00	0.01mm	101
523-1000-101T	9.00-10.00	0.01mm	101

SERIES 528

CERAMIC PIN GAUGE SET

- ◆ Meet DIN2269, grade 1
- ◆ Diameter range: 1.00-10.00mm
- ◆ Diameter accuracy: ±1µm
- ◆ Made of ceramic, extremely wear resistance, corrosion resistance and dimensional stability



528-0650-51



528-0300-101

Aluminum box

Code	Diameter(mm)	Step	Quantity
528-0150-51	1.00-1.50	0.01mm	51
528-0200-51	1.50-2.00	0.01mm	51
528-0250-51	2.00-2.50	0.01mm	51
528-0300-51	2.50-3.00	0.01mm	51
528-0350-51	3.00-3.50	0.01mm	51
528-0400-51	3.50-4.00	0.01mm	51
528-0450-51	4.00-4.50	0.01mm	51
528-0500-51	4.50-5.00	0.01mm	51
528-0550-51	5.00-5.50	0.01mm	51
528-0600-51	5.50-6.00	0.01mm	51
528-0650-51	6.00-6.50	0.01mm	51
528-0700-51	6.50-7.00	0.01mm	51
528-0750-51	7.00-7.50	0.01mm	51
528-0800-51	7.50-8.00	0.01mm	51
528-0850-51	8.00-8.50	0.01mm	51
528-0900-51	8.50-9.00	0.01mm	51
528-0950-51	9.00-9.50	0.01mm	51
528-1000-51	9.50-10.00	0.01mm	51

Blow mould case

Code	Diameter(mm)	Step	Quantity
528-0200-101	1.00-2.00	0.01mm	101
528-0300-101	2.00-3.00	0.01mm	101
528-0400-101	3.00-4.00	0.01mm	101
528-0500-101	4.00-5.00	0.01mm	101
528-0600-101	5.00-6.00	0.01mm	101
528-0700-101	6.00-7.00	0.01mm	101
528-0800-101	7.00-8.00	0.01mm	101
528-0900-101	8.00-9.00	0.01mm	101
528-1000-101	9.00-10.00	0.01mm	101

Code	Diameter(mm)	Step	Quantity
528-0105-41	1.00-5.00	0.1mm	41
528-0510-51	5.00-10.00	0.1mm	51
528-0110-91	1.00-10.00	0.1mm	91

SERIES 524

BOX FOR PIN GAUGE SET

◆ For containing pin gauges



524-001-01



524-101-01

Aluminum box

Code	Gauge range	Max. packed QTY
524-001-01	0.10-10mm	51
524-001-02	10-13mm	72
524-001-03	13-20mm	50
524-001-04	20-34mm	32

Blow mould case

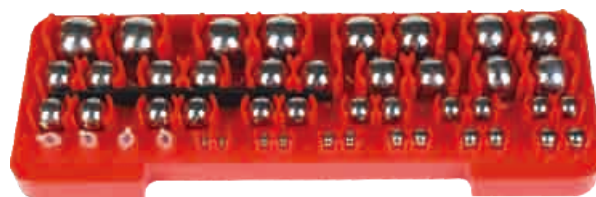
Code	Gauge range	Max. packed QTY
524-101-01	0.10-10mm	101

526

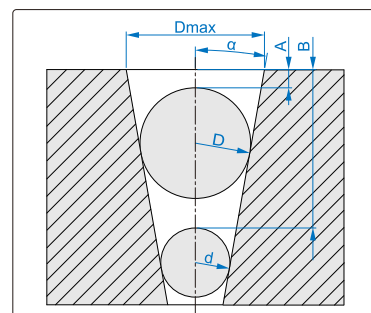
STEEL BALL SET



- ◆ To measure diameter and angle of taper holes
- ◆ Each size has a pair of steel ball
- ◆ Material: tool steel
- ◆ Hardness: HRC63
- ◆ Diameter accuracy: $\pm 2\mu\text{m}$
- ◆ Roundness: $0.6\mu\text{m}$



Calculate angle (α) and diameter (D_{max}) according to the ball diameter (D , d), height (A) and depth (B)



Code	Steel balls per set	Diameter(mm)
526-025-01	25 pairs	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25

SERIES 525

MASTER SETTING DISC

CUSTOM-MADE

other sizes are available upon request

- ◆ Hardness: HRC60-62
- ◆ Conforms to standard ASME B89.1.5



525-020-01

Diameter	Supplied difference	Roundness and conicity
3-21mm	±0.8µm	0.5µm
21-30mm	±0.8µm	0.7µm
30-40mm	±1.1µm	0.7µm
40-65mm	±1.5µm	1.0µm

Diameter	Supplied difference	Roundness and conicity
65-110mm	±1.9µm	1.2µm
110-120mm	±1.9µm	1.6µm
120-130mm	±2.4µm	1.6µm

Code	Size(mm)
525-003-01	Ø3
525-004-01	Ø4
525-005-01	Ø5
525-006-01	Ø6
525-007-01	Ø7
525-008-01	Ø8
525-009-01	Ø9
525-010-01	Ø10
525-011-01	Ø11
525-012-01	Ø12
525-013-01	Ø13
525-014-01	Ø14
525-015-01	Ø15

Code	Size(mm)
525-016-01	Ø16
525-017-01	Ø17
525-018-01	Ø18
525-019-01	Ø19
525-020-01	Ø20
525-021-01	Ø21
525-022-01	Ø22
525-023-01	Ø23
525-024-01	Ø24
525-025-01	Ø25
525-026-01	Ø26
525-027-01	Ø27
525-028-01	Ø28

Code	Size(mm)
525-029-01	Ø29
525-030-01	Ø30
525-031-01	Ø31
525-032-01	Ø32
525-033-01	Ø33
525-034-01	Ø34
525-035-01	Ø35
525-036-01	Ø36
525-037-01	Ø37
525-038-01	Ø38
525-039-01	Ø39
525-040-01	Ø40
525-041-01	Ø41

Code	Size(mm)
525-042-01	Ø42
525-043-01	Ø43
525-044-01	Ø44
525-045-01	Ø45
525-046-01	Ø46
525-047-01	Ø47
525-048-01	Ø48
525-049-01	Ø49
525-050-01	Ø50
525-055-01	Ø55
525-060-01	Ø60
525-065-01	Ø65
525-070-01	Ø70

Code	Size(mm)
525-075-01	Ø75
525-080-01	Ø80
525-085-01	Ø85
525-090-01	Ø90
525-095-01	Ø95
525-100-01	Ø100
525-105-01	Ø105
525-110-01	Ø110
525-115-01	Ø115
525-120-01	Ø120
525-125-01	Ø125
525-130-01	Ø130

SERIES 529

THREE WIRE MEASURING UNITS

- ◆ Made of alloy steel
- ◆ One unit includes 3pcs same size
- ◆ Hardness HRC60-62
- ◆ Accuracy: ±0.25µm (grade 0), ±0.5µm (grade 1)
- ◆ Roundness: 0.25µm (grade 0), 0.5µm (grade 1)
- ◆ Code explanation

529-□□□□-0X

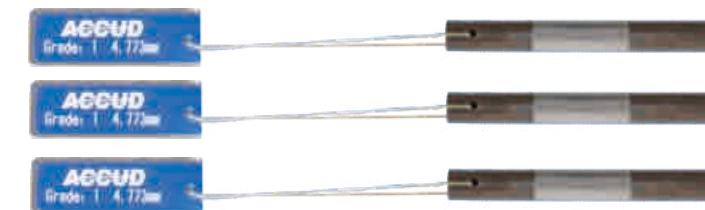
→0: grade0
→1: grade1

Example:

Code	Size(mm)	Grade
529-2886-00	2.886	0
529-2886-01	2.886	1

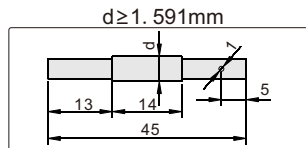
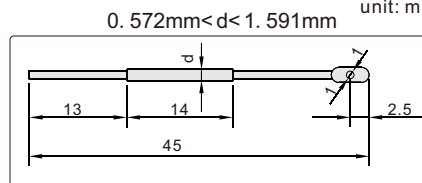
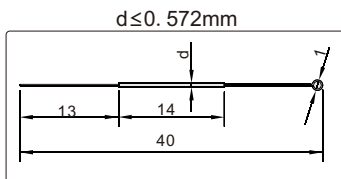
Supplied all 55 size as a set

Code	Quantity	Grade
529-055-00	55×3pcs	0
529-055-01	55×3pcs	1



529-4773-01

unit: mm



Supplied 55 different size, unit: mm

0.118	0.260	0.572	1.302	2.020	2.886	3.580	4.773
0.142	0.291	0.724	1.441	2.050	3.106	3.666	5.150
0.170	0.343	0.796	1.553	2.071	3.177	4.091	5.176
0.185	0.402	0.866	1.591	2.217	3.287	4.120	5.493
0.201	0.433	1.008	1.732	2.311	3.310	4.141	6.212
0.232	0.461	1.047	1.833	2.595	3.468	4.211	6.585
0.250	0.511	1.157	1.883	2.866	3.550	4.400	

- ◆ For inside micrometer and bore gage setting
- ◆ The size marked on the setting ring is checked at the direction of the marking line
- ◆ Size difference (difference between the ordered size and the size marked on the setting ring when supplied): For example, the ordered size is 20mm, the real size marked on the setting ring when supplied may be 20.003mm
- ◆ Range: Ø2-300mm



531-040-01

Application



Diameterd	Size difference	Roundness and cylindricity	Accuracy
Ø2~≤10	±3.0µm	0.4µm	±1.5µm
Ø10~≤20		0.5µm	
Ø20~≤30		0.6µm	±3.0µm
Ø30~≤50		0.7µm	
Ø50~≤80		0.8µm	
Ø80~≤100	±5.0µm	1.0µm	±4.0µm
Ø100~≤130		1.0µm	
Ø130~≤150		1.2µm	±5µm
Ø150~≤210		1.5µm	
Ø210~≤250		2.5µm	
Ø250~≤300		3.0µm	

Code	Size(mm)
531-002-01	Ø2
531-003-01	Ø3
531-004-01	Ø4
531-005-01	Ø5
531-006-01	Ø6
531-007-01	Ø7
531-008-01	Ø8
531-009-01	Ø9
531-010-01	Ø10
531-011-01	Ø11
531-012-01	Ø12
531-013-01	Ø13
531-014-01	Ø14
531-015-01	Ø15
531-016-01	Ø16
531-017-01	Ø17
531-018-01	Ø18
531-019-01	Ø19

Code	Size(mm)
531-020-01	Ø20
531-021-01	Ø21
531-022-01	Ø22
531-023-01	Ø23
531-024-01	Ø24
531-025-01	Ø25
531-026-01	Ø26
531-027-01	Ø27
531-028-01	Ø28
531-029-01	Ø29
531-030-01	Ø30
531-031-01	Ø31
531-032-01	Ø32
531-033-01	Ø33
531-034-01	Ø34
531-035-01	Ø35
531-036-01	Ø36
531-037-01	Ø37

Code	Size(mm)
531-038-01	Ø38
531-039-01	Ø39
531-040-01	Ø40
531-041-01	Ø41
531-042-01	Ø42
531-043-01	Ø43
531-044-01	Ø44
531-045-01	Ø45
531-046-01	Ø46
531-047-01	Ø47
531-048-01	Ø48
531-049-01	Ø49
531-050-01	Ø50
531-055-01	Ø55
531-060-01	Ø60
531-062-01	Ø62
531-065-01	Ø65
531-070-01	Ø70

Code	Size(mm)
531-075-01	Ø75
531-080-01	Ø80
531-085-01	Ø85
531-087-01	Ø87
531-090-01	Ø90
531-095-01	Ø95
531-100-01	Ø100
531-125-01	Ø125
531-150-01	Ø150
531-175-01	Ø175
531-200-01	Ø200
531-225-01	Ø225
531-250-01	Ø250
531-275-01	Ø275
531-300-01	Ø300



SERIES 541

PLAIN PLUG GAUGE

CUSTOM-MADE

other sizes are available upon request

- ◆ Grade H7
- ◆ Hardness HRC 60±2
- ◆ Confirms to standard GB/T 1957-2006
- ◆ Supplied range from 1mm to 100mm

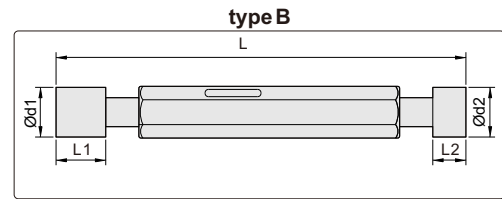
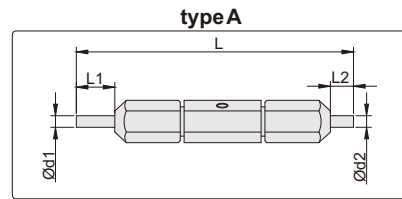


541-020-17

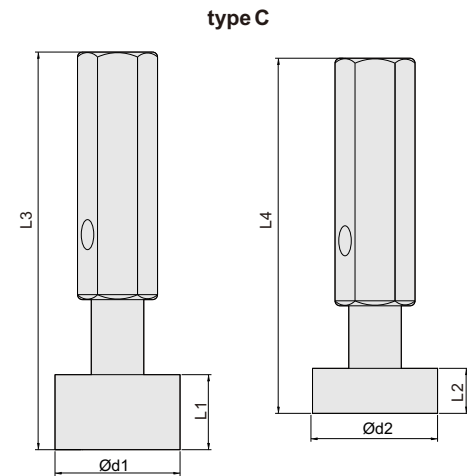


541-006-17

unit: mm



Diameter Ød (mm)	Ød1 size tolerance of Go gage (mm)	Ød2 size tolerance of Go gage (mm)	L1	L2	L	L3	L4
≥2 ≤3	+0.0010, +0.0022	+0.0088, +0.010	6.5	4.5	62		
>3 ≤6	+0.0013, +0.0027	+0.0106, +0.012	8	6	74		
>6, ≤10	+0.0015, +0.0033	+0.0132, +0.015	10	7	87		
>10, ≤14	+0.0018, +0.0038	+0.0160, +0.018	12	8	99		
>14, ≤18	+0.0018, +0.0038	+0.0160, +0.018	14	10	114		
>18, ≤24	+0.0023, +0.0046	+0.0186, +0.021	16	12	132		
>24, ≤30	+0.0023, +0.0046	+0.0186, +0.021	18	14	136		
>30, ≤40	+0.0023, +0.0055	+0.0220, +0.025	20	15	155		
>40, ≤50	+0.0023, +0.0055	+0.0220, +0.025	25	18	169		
>50, ≤65	+0.0028, +0.0064	+0.0264, +0.030	30	18		164	165
>65, ≤80	+0.0028, +0.0064	+0.0264, +0.030	35	25		169	159
>80, ≤100	+0.0032, +0.0075	+0.0308, +0.035	35	25		169	159



Code	Diameter Ød (mm)	Type
541-002-17	2	A
541-003-17	3	A
541-004-17	4	A
541-005-17	5	A
541-006-17	6	A
541-007-17	7	A
541-008-17	8	A
541-009-17	9	B
541-010-17	10	B
541-011-17	11	B
541-012-17	12	B
541-013-17	13	B
541-014-17	14	B
541-015-17	15	B
541-016-17	16	B

Code	Diameter Ød (mm)	Type
541-017-17	17	B
541-018-17	18	B
541-019-17	19	B
541-020-17	20	B
541-021-17	21	B
541-022-17	22	B
541-023-17	23	B
541-024-17	24	B
541-025-17	25	B
541-026-17	26	B
541-027-17	27	B
541-028-17	28	B
541-029-17	29	B
541-030-17	30	B
541-031-17	31	B

Code	Diameter Ød (mm)	Type
541-032-17	32	B
541-033-17	33	B
541-034-17	34	B
541-035-17	35	B
541-036-17	36	B
541-037-17	37	B
541-038-17	38	B
541-039-17	39	B
541-040-17	40	B
541-041-17	41	B
541-042-17	42	B
541-043-17	43	B
541-044-17	44	B
541-045-17	45	B
541-046-17	46	B

Code	Diameter Ød (mm)	Type
541-047-17	47	B
541-048-17	48	B
541-049-17	49	B
541-050-17	50	B
541-052-17	52	C
541-055-17	55	C
541-060-17	60	C
541-065-17	65	C
541-070-17	70	C
541-075-17	75	C
541-080-17	80	C
541-085-17	85	C
541-090-17	90	C
541-095-17	95	C
541-100-17	100	C



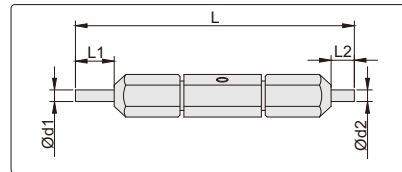
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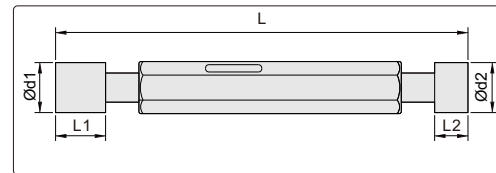
541-006-17T

unit: mm

type A



type B



- ◆ Grade H7
- ◆ Hardness HRC 85-89
- ◆ Supplied range from 1mm to 30mm

Diameter Ød (mm)	Ød1 size tolerance of Go gage (mm)	Ød2 size tolerance of Go gage (mm)	L1	L2	L
≥2 ≤3	+0.0010, +0.0022	+0.0088, +0.010	6.5	4.5	62
>3 ≤6	+0.0013, +0.0027	+0.0106, +0.012	8	6	74
>6, ≤10	+0.0015, +0.0033	+0.0132, +0.015	10	7	87
>10, ≤14	+0.0018, +0.0038	+0.0160, +0.018	12	8	99
>14, ≤18	+0.0018, +0.0038	+0.0160, +0.018	14	10	114
>18, ≤24	+0.0023, +0.0046	+0.0186, +0.021	16	12	132
>24, ≤30	+0.0023, +0.0046	+0.0186, +0.021	18	14	136

Code	Diameter Ød (mm)	Type
541-002-17T	2	A
541-003-17T	3	A
541-004-17T	4	A
541-005-17T	5	A
541-006-17T	6	A
541-007-17T	7	A
541-008-17T	8	A
541-009-17T	9	B
541-010-17T	10	B
541-011-17T	11	B
541-012-17T	12	B
541-013-17T	13	B
541-014-17T	14	B
541-015-17T	15	B
541-016-17T	16	B

Code	Diameter Ød (mm)	Type
541-017-17T	17	B
541-018-17T	18	B
541-019-17T	19	B
541-020-17T	20	B
541-021-17T	21	B
541-022-17T	22	B
541-023-17T	23	B
541-024-17T	24	B
541-025-17T	25	B
541-026-17T	26	B
541-027-17T	27	B
541-028-17T	28	B
541-029-17T	29	B
541-030-17T	30	B



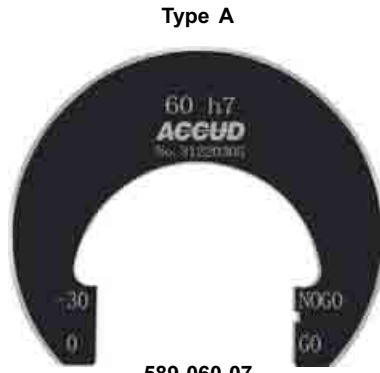
SERIES 589

LIMIT SNAP GAUGE

CUSTOM-MADE

Grade: h6, g7
Size: 1 to 250mm
are available upon request

- ◆ Grade H7
- ◆ Type A: size ≤ 80mm;
Type B: size > 80mm
- ◆ Code explanation:
589-□□□-07
size ←



589-060-07



589-150-07

Example:

Code	Size(mm)	Type
589-060-07	60	A
589-070-07	70	A
589-080-07	80	A
589-100-07	100	B
589-120-07	120	B
589-150-07	150	B

SERIES 585

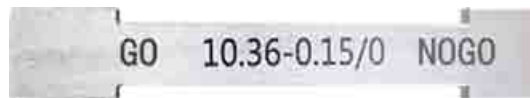
KEY SLOT LIMIT GAUGE

CUSTOM-MADE

Size between 3 to 50mm,
are available upon request



front side



reverse side

Code

585-xxxxx-xx

- ◆ Grade 6g
- ◆ Meet ISO1502
- ◆ Hardness HRC60-62



532-020-01



533-020-01

STANDARD THREAD

Code(GO)	Code(NOGO)	Size(mm)
532-002-01	533-002-01	M2x0.4
532-002-21	533-002-21	M2.2x0.45
532-002-51	533-002-51	M2.5x0.45
532-003-01	533-003-01	M3x0.5
532-003-51	533-003-51	M3.5x0.6
532-004-01	533-004-01	M4x0.7
532-005-01	533-005-01	M5x0.8
532-006-01	533-006-01	M6x1
532-008-01	533-008-01	M8x1.25

Code(GO)	Code(NOGO)	Size(mm)
532-010-01	533-010-01	M10x1.5
532-012-01	533-012-01	M12x1.75
532-014-01	533-014-01	M14x2
532-016-01	533-016-01	M16x2
532-018-01	533-018-01	M18x2.5
532-020-01	533-020-01	M20x2.5
532-022-01	533-022-01	M22x2.5
532-024-01	533-024-01	M24x3
532-027-01	533-027-01	M27x3

Code(GO)	Code(NOGO)	Size(mm)
532-030-01	533-030-01	M30x3.5
532-033-01	533-033-01	M33x3.5
532-036-01	533-036-01	M36x4
532-042-01	533-042-01	M42x4.5
532-048-01	533-048-01	M48x5
532-052-01	533-052-01	M52x5
532-060-01	533-060-01	M60x5.5

FINE THREAD

Code(GO)	Code(NOGO)	Size(mm)
534-002-01	535-002-01	M2x0.25
534-002-21	535-002-21	M2.2x0.25
534-002-51	535-002-51	M2.5x0.35
534-003-01	535-003-01	M3x0.35
534-003-51	535-003-51	M3.5x0.35
534-004-01	535-004-01	M4x0.5
534-005-01	535-005-01	M5x0.5
534-006-01	535-006-01	M6x0.5
534-006-02	535-006-02	M6x0.75
534-007-01	535-007-01	M7x0.5
534-007-02	535-007-02	M7x0.75
534-008-01	535-008-01	M8x0.5
534-008-02	535-008-02	M8x0.75
534-008-03	535-008-03	M8x1
534-009-01	535-009-01	M9x0.5
534-009-02	535-009-02	M9x0.75
534-009-03	535-009-03	M9x1
534-010-01	535-010-01	M10x0.5
534-010-02	535-010-02	M10x0.75
534-010-03	535-010-03	M10x1
534-010-04	535-010-04	M10x1.25
534-011-02	535-011-02	M11x0.75
534-011-03	535-011-03	M11x1
534-012-01	535-012-01	M12x0.5
534-012-02	535-012-02	M12x0.75
534-012-03	535-012-03	M12x1
534-012-04	535-012-04	M12x1.25
534-012-05	535-012-05	M12x1.5
534-014-01	535-014-01	M14x0.5
534-014-02	535-014-02	M14x0.75
534-014-03	535-014-03	M14x1
534-014-04	535-014-04	M14x1.25
534-014-05	535-014-05	M14x1.5
534-016-01	535-016-01	M16x0.5
534-016-02	535-016-02	M16x0.75
534-016-03	535-016-03	M16x1
534-016-04	535-016-04	M16x1.5

Code(GO)	Code(NOGO)	Size(mm)
534-018-01	535-018-01	M18x0.5
534-018-02	535-018-02	M18x0.75
534-018-03	535-018-03	M18x1
534-018-04	535-018-04	M18x1.5
534-018-05	535-018-05	M18x2
534-020-01	535-020-01	M20x0.5
534-020-02	535-020-02	M20x0.75
534-020-03	535-020-03	M20x1
534-020-04	535-020-04	M20x1.5
534-020-05	535-020-05	M20x2
534-022-01	535-022-01	M22x0.5
534-022-02	535-022-02	M22x0.75
534-022-03	535-022-03	M22x1
534-022-04	535-022-04	M22x1.5
534-022-05	535-022-05	M22x2
534-024-01	535-024-01	M24x0.75
534-024-02	535-024-02	M24x1
534-024-03	535-024-03	M24x1.5
534-024-04	535-024-04	M24x2
534-027-01	535-027-01	M27x0.75
534-027-02	535-027-02	M27x1
534-027-03	535-027-03	M27x1.5
534-027-04	535-027-04	M27x2
534-030-01	535-030-01	M30x0.75
534-030-02	535-030-02	M30x1
534-030-03	535-030-03	M30x1.5
534-030-04	535-030-04	M30x2
534-030-05	535-030-05	M30x3
534-033-01	535-033-01	M33x0.75
534-033-02	535-033-02	M33x1
534-033-03	535-033-03	M33x1.5
534-033-04	535-033-04	M33x2
534-033-05	535-033-05	M33x3
534-036-01	535-036-01	M36x1
534-036-02	535-036-02	M36x1.5
534-036-03	535-036-03	M36x2
534-036-04	535-036-04	M36x3

Code(GO)	Code(NOGO)	Size(mm)
534-039-01	535-039-01	M39x1
534-039-02	535-039-02	M39x1.5
534-039-03	535-039-03	M39x2
534-039-04	535-039-04	M39x3
534-042-01	535-042-01	M42x1
534-042-02	535-042-02	M42x1.5
534-042-03	535-042-03	M42x2
534-042-04	535-042-04	M42x3
534-042-05	535-042-05	M42x4
534-045-01	535-045-01	M45x1
534-045-02	535-045-02	M45x1.5
534-045-03	535-045-03	M45x2
534-045-04	535-045-04	M45x3
534-045-05	535-045-05	M45x4
534-048-01	535-048-01	M48x1
534-048-02	535-048-02	M48x1.5
534-048-03	535-048-03	M48x2
534-048-04	535-048-04	M48x3
534-048-05	535-048-05	M48x4
534-052-01	535-052-01	M52x1
534-052-02	535-052-02	M52x1.5
534-052-03	535-052-03	M52x2
534-052-04	535-052-04	M52x3
534-052-05	535-052-05	M52x4
534-056-01	535-056-01	M56x1
534-056-02	535-056-02	M56x1.5
534-056-03	535-056-03	M56x2
534-056-04	535-056-04	M56x3
534-056-05	535-056-05	M56x4
534-060-01	535-060-01	M60x1
534-060-02	535-060-02	M60x1.5
534-060-03	535-060-03	M60x2
534-060-04	535-060-04	M60x3
534-060-05	535-060-05	M60x4



SERIES 542

THREAD PLUG GAUGE

CUSTOM-MADE

other sizes are available upon request

- ◆ Grade 6H
- ◆ Meet ISO1502
- ◆ Hardness HRC60-62



542-024-01

Code	Size(mm)
542-002-01	M2x0.4
542-002-21	M2.2x0.45
542-002-51	M2.5x0.45
542-003-01	M3x0.5
542-003-02	M3.5x0.6
542-004-01	M4x0.7
542-005-01	M5x0.8
542-006-01	M6x1

Code	Size(mm)
542-007-01	M7x1
542-008-01	M8x1.25
542-009-01	M9x1.25
542-010-01	M10x1.5
542-011-01	M11x1.5
542-012-01	M12x1.75
542-014-01	M14x2
542-016-01	M16x2

Code	Size(mm)
542-018-01	M18x2.5
542-020-01	M20x2.5
542-022-01	M22x2.5
542-024-01	M24x3
542-027-01	M27x3
542-030-01	M30x3.5
542-033-01	M33x3.5
542-036-01	M36x4

Code	Size(mm)
542-039-01	M39x4
542-042-01	M42x4.5
542-045-01	M45x4.5
542-048-01	M48x5
542-052-01	M52x5
542-056-01	M56x5.5
542-060-01	M60x5.5

SERIES 543

FINE THREAD PLUG GAUGE

CUSTOM-MADE

other sizes are available upon request

- ◆ Grade 6H
- ◆ Meet ISO1502
- ◆ Hardness HRC60-62, good wear resistance



543-020-01

Code	Size(mm)
543-002-01	M2x0.25
543-002-21	M2.2x0.25
543-002-31	M2.5x0.35
543-003-01	M3x0.35
543-003-02	M3.5x0.35
543-004-01	M4x0.5
543-005-01	M5x0.5
543-006-01	M6x0.5
543-006-02	M6x0.75
543-007-01	M7x0.5
543-007-02	M7x0.75
543-008-01	M8x0.5
543-008-02	M8x0.75
543-008-03	M8x1
543-009-01	M9x0.5
543-009-02	M9x0.75
543-009-03	M9x1
543-010-01	M10x0.5
543-010-02	M10x0.75
543-010-03	M10x1
543-010-04	M10x1.25
543-011-01	M11x0.5

Code	Size(mm)
543-011-02	M11x0.75
543-011-03	M11x1
543-012-01	M12x0.5
543-012-02	M12x0.75
543-012-03	M12x1
543-012-04	M12x1.25
543-012-05	M12x1.5
543-014-01	M14x0.5
543-014-02	M14x0.75
543-014-03	M14x1
543-014-04	M14x1.25
543-014-05	M14x1.5
543-016-01	M16x0.5
543-016-02	M16x0.75
543-016-03	M16x1
543-016-04	M16x1.5
543-018-01	M18x0.5
543-018-02	M18x0.75
543-018-03	M18x1
543-018-04	M18x1.5
543-018-05	M18x2
543-020-01	M20x0.5

Code	Size(mm)
543-020-02	M20x0.75
543-020-03	M20x1
543-020-04	M20x1.5
543-020-05	M20x2
543-022-01	M22x0.5
543-022-02	M22x0.75
543-022-03	M22x1
543-022-04	M22x1.5
543-022-05	M22x2
543-024-01	M24x0.75
543-024-02	M24x1
543-024-03	M24x1.5
543-024-04	M24x2
543-027-01	M27x0.75
543-027-02	M27x1
543-027-03	M27x1.5
543-027-04	M27x2
543-030-01	M30x0.75
543-030-02	M30x1
543-030-03	M30x1.5
543-030-04	M30x2
543-030-05	M30x3

Code	Size(mm)
543-033-01	M33x0.75
543-033-02	M33x1
543-033-03	M33x1.5
543-033-04	M33x2
543-033-05	M33x3
543-036-01	M36x1
543-036-02	M36x1.5
543-036-03	M36x2
543-036-04	M36x3
543-039-01	M39x1
543-039-02	M39x1.5
543-039-03	M39x2
543-039-04	M39x3
543-042-01	M42x1
543-042-02	M42x1.5
543-042-03	M42x2
543-042-04	M42x3
543-042-05	M42x4
543-045-01	M45x1
543-045-02	M45x1.5
543-045-03	M45x2
543-045-04	M45x3

Code	Size(mm)
543-045-05	M45x4
543-048-01	M48x1
543-048-02	M48x1.5
543-048-03	M48x2
543-048-04	M48x3
543-048-05	M48x4
543-052-01	M52x1
543-052-02	M52x1.5
543-052-03	M52x2
543-052-04	M52x3
543-052-05	M52x4
543-056-01	M56x1
543-056-02	M56x1.5
543-056-03	M56x2
543-056-04	M56x3
543-056-05	M56x4
543-060-01	M60x1
543-060-02	M60x1.5
543-060-03	M60x2
543-060-04	M60x3
543-060-05	M60x4

SERIES 537/538

AMERICAN STANDARD THREAD RING GAUGE

CUSTOM-MADE
other sizes are available upon request

- ◆ Class 2A
- ◆ Conforms to standard ANSI B1.2
- ◆ Made of Oil Hardened Non-shrinking steel
- ◆ Hardness HRC60-62



537-71620-UNF

Code(GO)	Code(NOGO)	Size
537-00440-UNC	538-00440-UNC	4-40UNC
537-04048-UNF	538-04048-UNF	4-48UNF
537-00632-UNC	538-00632-UNC	6-32UNC
537-06040-UNF	538-06040-UNF	6-40UNF
537-00832-UNC	538-00832-UNC	8-32UNC
537-08036-UNF	538-08036-UNF	8-36UNF
537-01024-UNC	538-01024-UNC	10-24UNC
537-01032-UNF	538-01032-UNF	10-32UNF
537-01420-UNC	538-01420-UNC	1/4-20UNC
537-01428-UNF	538-01428-UNF	1/4-28UNF
537-51618-UNC	538-51618-UNC	5/16-18UNC
537-51624-UNF	538-51624-UNF	5/16-24UNF
537-03816-UNC	538-03816-UNC	3/8-16UNC
537-03824-UNF	538-03824-UNF	3/8-24UNF

Code(GO)	Code(NOGO)	Size
537-71614-UNC	538-71614-UNC	7/16-14UNC
537-71620-UNF	538-71620-UNF	7/16-20 UNF
537-01213-UNC	538-01213-UNC	1/2-13 UNC
537-01220-UNF	538-01220-UNF	1/2-20 UNF
537-91612-UNC	538-91612-UNC	9/16-12UNC
537-91618-UNF	538-91618-UNF	9/16-18UNF
537-05811-UNC	538-05811-UNC	5/8-11UNC
537-05818-UNF	538-05818-UNF	5/8-18UNF
537-03410-UNC	538-03410-UNC	3/4-10UNC
537-03416-UNF	538-03416-UNF	3/4-16UNF
537-07809-UNC	538-07809-UNC	7/8-9UNC
537-07814-UNF	538-07814-UNF	7/8-14UNF
537-01080-UNC	538-01080-UNC	1-8 UNC
537-01012-UNF	538-01012-UNF	1-12UNF

SERIES 547

AMERICAN STANDARD THREAD PLUG GAUGE

CUSTOM-MADE
other sizes are available upon request

- ◆ Class 2B
- ◆ Conforms to standard ANSI B1.2
- ◆ Made of Oil Hardened Non-shrinking steel
- ◆ Hardness HRC60-62



547-71620-UNF

Code(GO)	Size
547-00440-UNC	4-40UNC
547-04048-UNF	4-48UNF
547-00632-UNC	6-32UNC
547-06040-UNF	6-40UNF
547-00832-UNC	8-32UNC
547-08036-UNF	8-36UNF
547-01024-UNC	10-24UNC
547-01032-UNF	10-32UNF
547-01420-UNC	1/4-20UNC
547-01428-UNF	1/4-28UNF

Code(GO)	Size
547-51618-UNC	5/16-18UNC
547-51624-UNF	5/16-24UNF
547-03816-UNC	3/8-16UNC
547-03824-UNF	3/8-24UNF
547-71614-UNC	7/16-14UNC
547-71620-UNF	7/16-20 UNF
547-01213-UNC	1/2-13 UNC
547-01220-UNF	1/2-20 UNF
547-91612-UNC	9/16-12UNC
547-91618-UNF	9/16-18UNF

Code(GO)	Size
547-05811-UNC	5/8-11UNC
547-05818-UNF	5/8-18UNF
547-03410-UNC	3/4-10UNC
547-03416-UNF	3/4-16UNF
547-07809-UNC	7/8-9UNC
547-07814-UNF	7/8-14UNF
547-01080-UNC	1-8 UNC
547-01012-UNF	1-12UNF

SERIES 544

NPT THREAD GAUGE

- ◆ Conforms to standard ANSI/ASME B1.20.1
- ◆ Taper: 1:16
- ◆ Made of Oil Hardened Non-shrinking steel

PLUG GAUGE



544-014-01

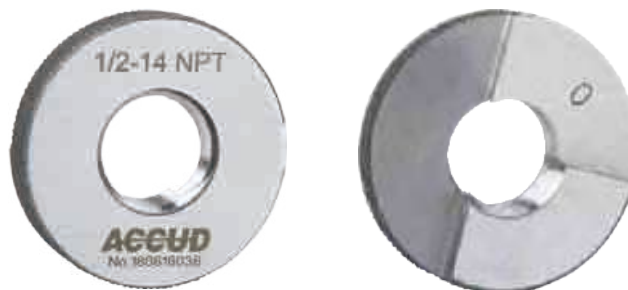
Code	Size	Code	Size
544-027-04	NPT 1/16" x 27	544-11D5-12	NPT1-1/4"x11.5
544-027-03	NPT 1/8" x 27	544-11D5-11	NPT1-1/2"x11.5
544-018-02	NPT1/4" x 18	544-11D5-20	NPT2"X11.5
544-018-33	NPT3/8"x18	544-008-21	NPT2-1/2"X8
544-014-01	NPT1/2" x 14	544-008-30	NPT3"X8
544-014-32	NPT3/4"x14	544-008-32	NPT3-1/2"X8
544-11D5-10	NPT1"x11.5	544-008-40	NPT4"X8

SERIES 544

NPT THREAD GAUGE

- ◆ Conforms to standard ANSI/ASME B1.20.1
- ◆ Taper: 1:16
- ◆ Made of Oil Hardened Non-shrinking steel

RING GAUGE



Front

Back

544-014-01R

Code	Size	Code	Size
544-027-04R	NPT 1/16" x 27	544-11D5-12R	NPT1-1/4"x11.5
544-027-03R	NPT 1/8" x 27	544-11D5-11R	NPT1-1/2"x11.5
544-018-02R	NPT1/4" x 18	544-11D5-20R	NPT2"X11.5
544-018-33R	NPT3/8"x18	544-008-21R	NPT2-1/2"X8
544-014-01R	NPT1/2" x 14	544-008-30R	NPT3"X8
544-014-32R	NPT3/4"x14	544-008-32R	NPT3-1/2"X8
544-11D5-10R	NPT1"x11.5	544-008-40R	NPT4"X8

SERIES 545

WITHWORTH PIPE THREAD GAUGE (G SERIES)

◆ Conforms to standard ISO228

PLUG GAUGE



545-0500-01

Code	Size
545-0125-01	G1/8-28
545-0250-01	G1/4-19
545-0375-01	G3/8-19
545-0500-01	G1/2-14
545-0625-01	G5/8-14
545-0750-01	G3/4-14

Code	Size
545-0875-01	G7/8-14
545-1000-01	G1-11
545-1125-01	G1-1/8-11
545-1250-01	G1-1/4-11
545-1500-01	G1-1/2-11
545-1750-01	G1-3/4-11

Code	Size
545-2000-01	G2-11
545-2500-01	G2-1/2-11
545-3000-01	G3-11
545-4000-01	G4-11

SERIES 535/536

WITHWORTH PIPE THREAD GAUGE (G SERIES)

◆ Conforms to standard ISO228
◆ Class B

RING GAUGE



535-0250-01



536-0250-01

Code(GO)	Code(NOGO)	Size
535-0125-01	536-0125-01	G1/8-28
535-0250-01	536-0250-01	G1/4-19
535-0375-01	536-0375-01	G3/8-19
535-0500-01	536-0500-01	G1/2-14
535-0625-01	536-0625-01	G5/8-14
535-0750-01	536-0750-01	G3/4-14
535-0875-01	536-0875-01	G7/8-14
535-1000-01	536-1000-01	G1-11

Code(GO)	Code(NOGO)	Size
535-1125-01	536-1125-01	G1-1/8-11
535-1250-01	536-1250-01	G1-1/4-11
535-1500-01	536-1500-01	G1-1/2-11
535-1750-01	536-1750-01	G1-3/4-11
535-2000-01	536-2000-01	G2-11
535-2500-01	536-2500-01	G2-1/2-11
535-3000-01	536-3000-01	G3-11
535-4000-01	536-4000-01	G4-11

SERIES 594

AIR GAUGE

CUSTOM-MADE

Inside air plug gauge and standard ring

Outside air snap gauge and standard column gauge



594-xxxxx-01



594-xxxxx-05

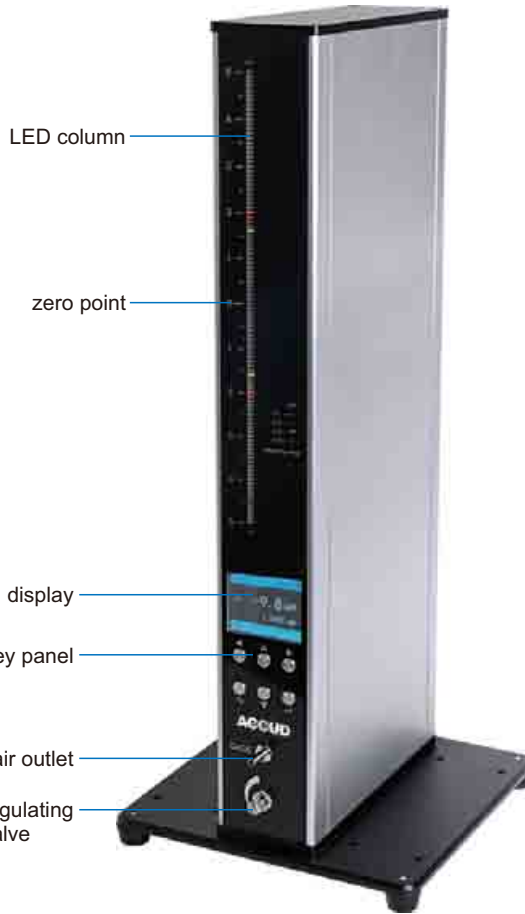
Code	Range	Remark
594-XXXXX-01	Ø2-150mm	measure diameter of hole

Code	Range	Remark
594-XXXXX-05	Ø4-120mm	measure diameter of shaft

GAUGE



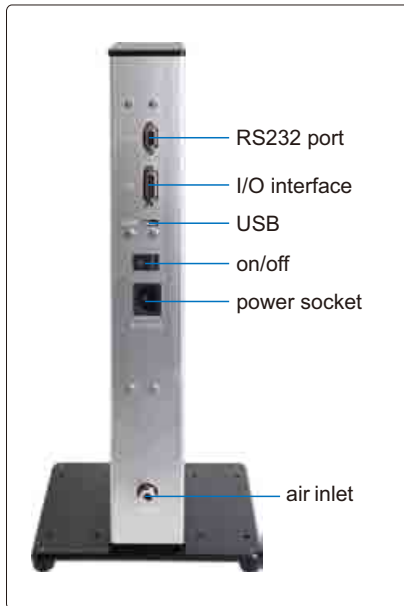
- ◆ Can store 10 measuring programs, and the program can be switched quickly
- ◆ Data storage function, support manual and automatic storing, 1000 groups data can be stored
- ◆ Automatically detect internal or external dimension measurement
- ◆ Automatic grouping function for workpiece sorting



Work in groups



Back of display



Air filter and pressure regulating valve

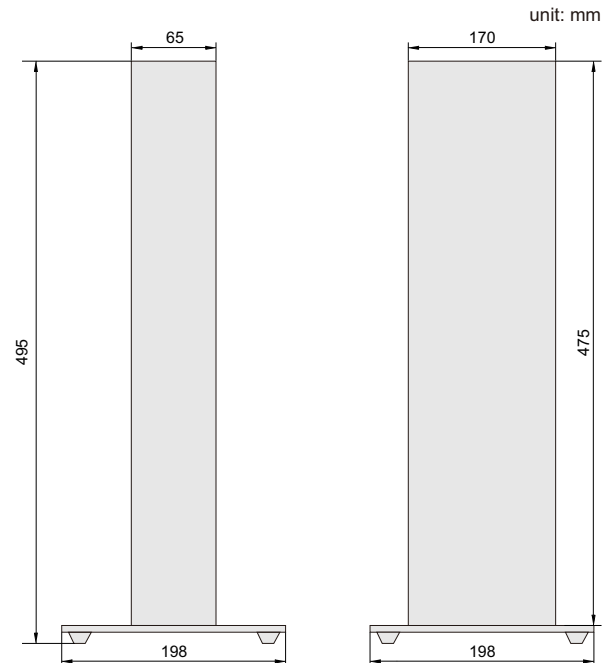


SPECIFICATION

Code	595-101-01			
LED quantity	101 pcs			
LED color	red, orange, green			
LED height	254mm			
Range	10μm	20μm	50μm	100μm
Resolution	LED column	0.1μm	0.2μm	0.5μm
	Display	0.1μm		
Accuracy	0.2μm	0.4μm	0.5μm	1μm
Air supply	dir and clean, 0.4~0.8MPa			
Output	RS232/USB, I/O interface			
Operation temperature	0~45°C			
Power	100-240V, 50/60Hz			
Power consumption	<20W			
Max. current	2A			
Dimension(LxWxH)	170x65x475mm			
Weight	3kg			

OPTIONAL ACCESSORIES

Air filter
Pressure regulating valve
RS232 cable



SERIES 559

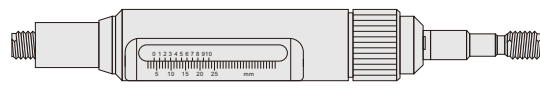
THREAD DEPTH GAUGE

CUSTOM-MADE
other sizes are available upon request

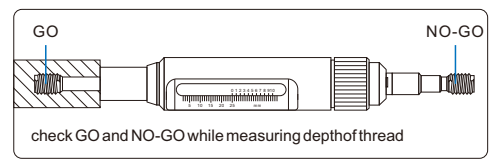
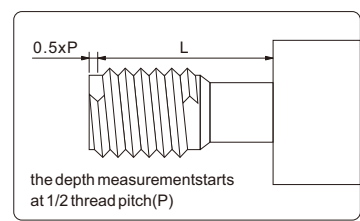
- ◆ Supplied with GO and NO-GO gages together
- ◆ Check GO and NO-GO while measuring the depth thread
- ◆ The GO gage can be replaced after wear
- ◆ Graduation: 0.1mm
- ◆ Accuracy: ±0.1mm



559-004-01



Code	Size	Depth range
559-003-01	M3x0.5-6H	4-25mm
559-004-01	M4x0.7-6H	4-25mm
559-005-01	M5x0.8-6H	4-25mm
559-006-01	M6x1-6H	4-25mm
559-008-01	M8x1.25-6H	5-45mm
559-010-01	M10x1.5-6H	5-45mm
559-012-01	M12x1.75-6H	5-45mm
559-014-01	M14x2-6H	5-45mm

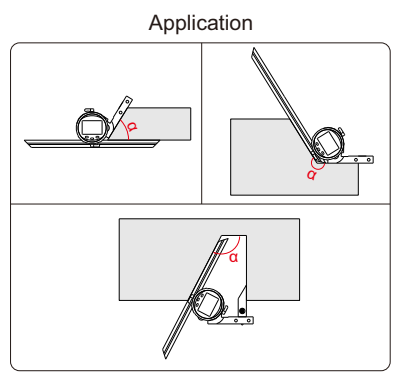
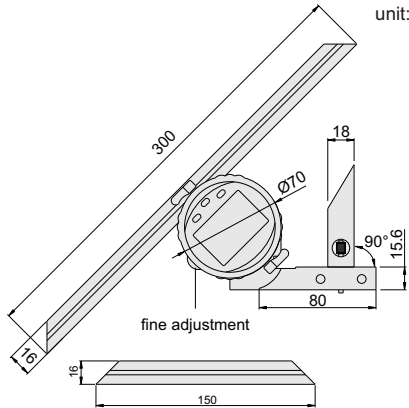
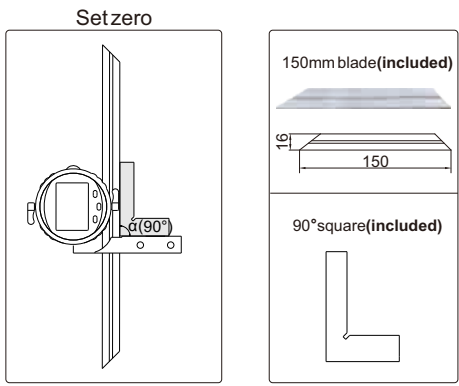


822

DIGITAL PROTRACTOR



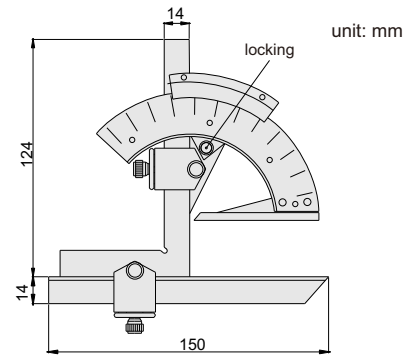
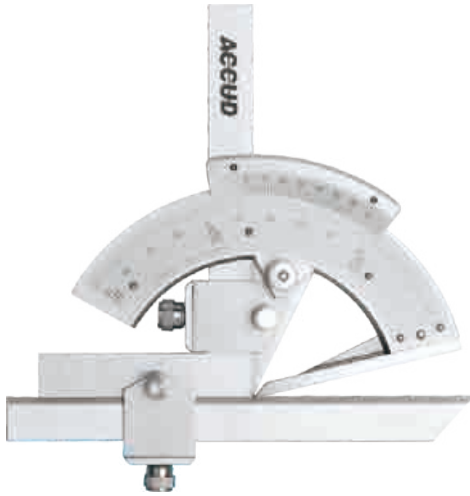
- ◆ Button function:
SET: preset the reading and change the measuring direction
MODE: choose range 90°, 180°, 360°
ZERO/ON/OFF: set zero and power on/off
- ◆ Data output
- ◆ With a 150mm blade and a 90° square
- ◆ Made of stainless steel



Code	Range	Resolution	Accuracy
822-360-01	0-360°	10"/0.005°	±5'

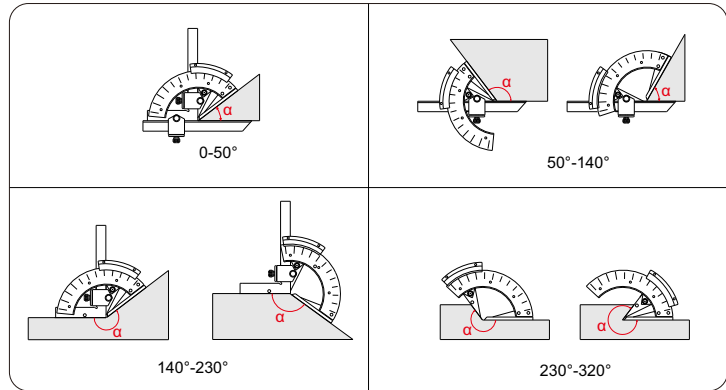
814

UNIVERSAL PROTRACTOR



- ◆ Graduation : 2'
- ◆ Made of stainless steel
- ◆ Satin chrome plated scale

Application

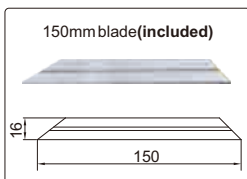
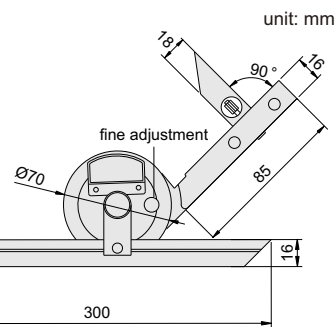


Code	Range	Accuracy
814-320-01	0 - 320°	±2'

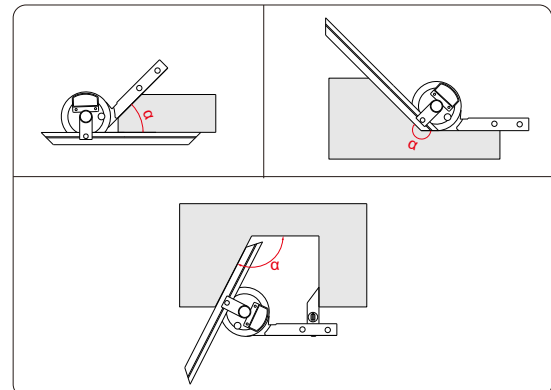
815

UNIVERSAL PROTRACTOR

- ◆ Graduation : 5'
- ◆ Parallax-free reading
- ◆ With one blade: 150mm
- ◆ Made of stainless steel
- ◆ Optional accessory: clamp for height gages



Application



Code	Range	Accuracy
815-360-01	0 - 360°	±5'