

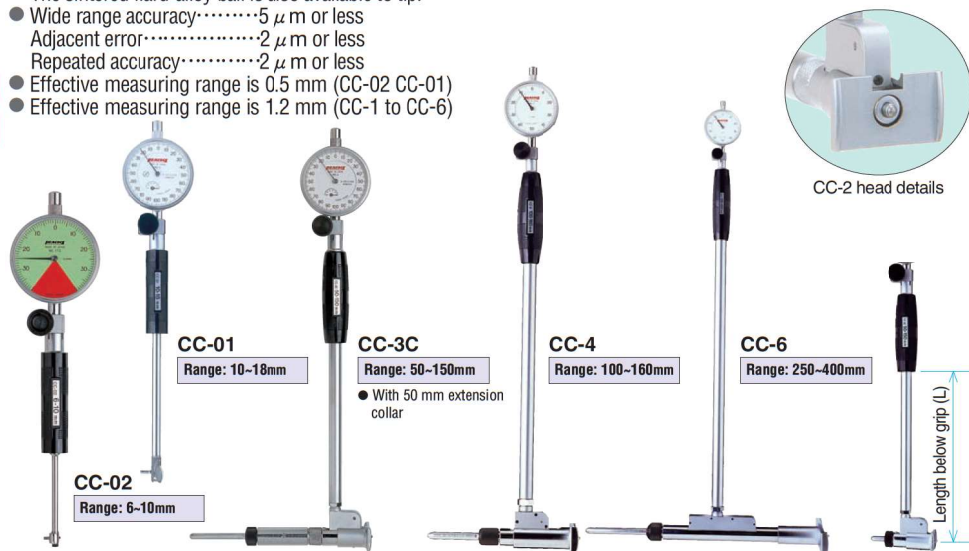
Standard Cylinder Gauges

JIS B 7515

CC series

Peacock offers a complete line of Dial Bore Gauges with interchangeable anvils and necessary accessories to perform close tolerance measurements of holes, taper and roundness.

- Dial gauge mounting knob is very simple of and sure avoiding demerit of collet-system.
- The contact point is tungsten carbide ball.
- The standard ball tipped at the replacement rod is made of steel.
The sintered hard-alloy ball is also available to tip.
- Wide range accuracy.....5 μ m or less
Adjacent error.....2 μ m or less
Repeated accuracy.....2 μ m or less
- Effective measuring range is 0.5 mm (CC-02 CC-01)
- Effective measuring range is 1.2 mm (CC-1 to CC-6)



Specifications

Model	Range (mm)	Length below grip (mm)	Number of Feelers (mm)	Thickness of Washers (mm)
CC-02	6 ~ 10	50	Intervals 0.5 mm x 9	—
CC-01	10 ~ 18	100	Intervals 1 mm x 9	0.5 mm
CC-1	18 ~ 35	150	Intervals 2 mm x 9	0.5, 1 mm each
CC-2	35 ~ 60	150	Intervals 5 mm x 6	1, 2, 3 mm each
CC-3	50 ~ 100	150	Intervals 5 mm x 11	1, 2, 3 mm each
CC-3C	50 ~ 150	150	Intervals 5 mm x 11	1, 2, 3 mm each
CC-4	100 ~ 160	250	Intervals 10 mm x 7	1, 2, 3, 4 mm each
CC-5	160 ~ 250	250	Intervals 10 mm x 10	1, 2, 3, 4 mm each
CC-6	250 ~ 400	400	Intervals 10 mm x 16	1, 2, 3, 4 mm each

※Dial gauge is not furnished and supplied only on request. Suitable dial gauges are 17Z, 57B (0.01mm) and 15Z, 5F (0.001mm).

● List of special length below grip (available on request)

	L=50 (mm)	L=100 (mm)	L=200 (mm)	L=300 (mm)	L=400 (mm)	L=500 (mm)	L=600 (mm)	L=700 (mm)	L=800 (mm)	L=900 (mm)	L=1000 (mm)	L=1500 (mm)	L=2000 (mm)
CC-01	● standard	●	●	●	—	—	—	—	—	—	—	—	—
CC-1	CC-1S	●	●	●	●	●	●	●	●	●	●	●	●
CC-2	CC-2S	●	●	●	●	●	●	●	●	●	●	●	●
CC-3	CC-3S	●	●	●	●	●	●	●	●	●	●	●	●
CC-3C	CC-3CS	●	●	●	●	●	●	●	●	●	●	●	●
CC-4	●	●	●	●	●	●	●	●	●	●	●	●	●
CC-5	●	●	●	●	●	●	●	●	●	●	●	●	●
CC-6	●	●	●	●	standard	●	●	●	●	●	●	●	●

● More than L=600mm for CC-2 can not measure from 35 to 44mm and can measure from 45 to 60mm ID.



CC-2 complete set:

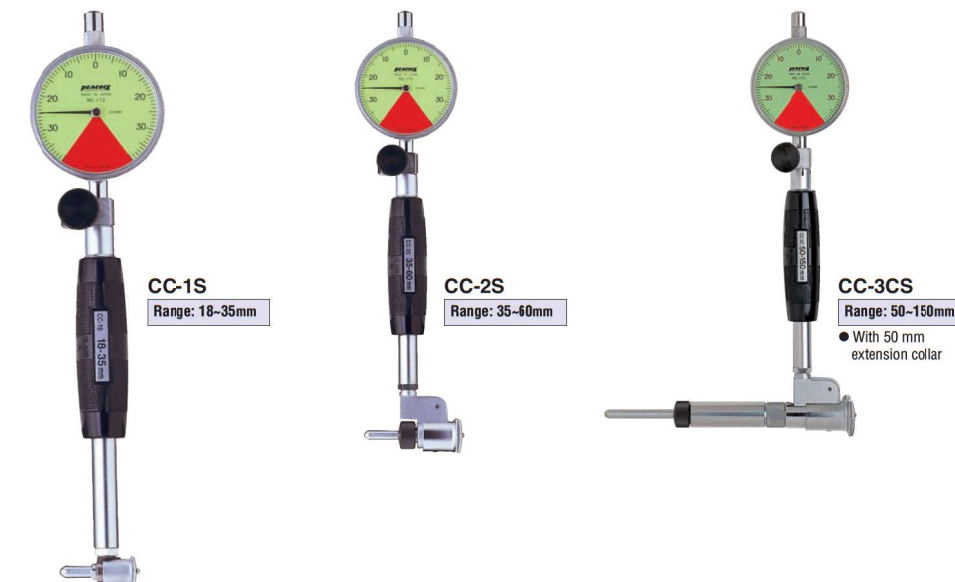
Short Size Cylinder Gauges

S series

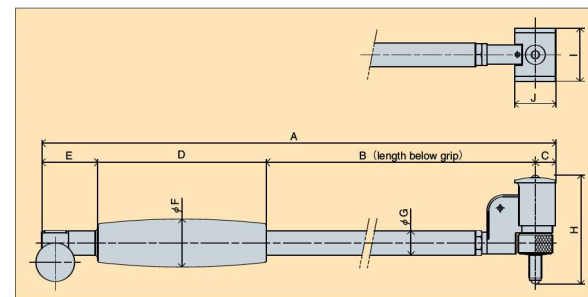
This is a compact cylinder gauge with a length below grip of 50 mm.

It is used when a standard item is too long to measure the object or a shorter length of below grip is required for conveniently.

Specifications are same as standard model.



Outer Dimension



Dimension

Model	A	B	C	D	E	F	G	H	I	J
CC-1	249	150	5.75	70	23	20	10	18~35	13	11.5
CC-2	251.5	150	8.5	70	23	20	10	35~60	22	17
CC-3	253	150	9	70	23	20	10	50~100	30	18
CC-3C	253	150	9	70	23	20	10	50~150	30	18
CC-4	370	250	12	85	23	25	13	100~160	50	24
CC-5	391.5	251.5	14	100	26	25	16	160~250	70	28
CC-6	540	400	14	100	26	25	16	250~400	100	28
CC-1S	150	50	5.75	70	23	20	10	18~35	13	11.5
CC-2S	151.5	50	8.5	70	23	20	10	35~60	22	17
CC-3S	152	50	9	70	23	20	10	50~100	30	18
CC-3CS	152	50	9	70	23	20	10	50~150	30	18

Cylinder Gauges (Blind Hole Type)

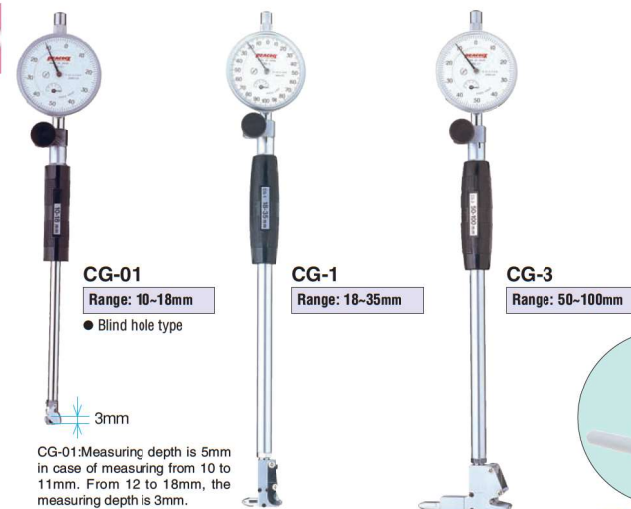
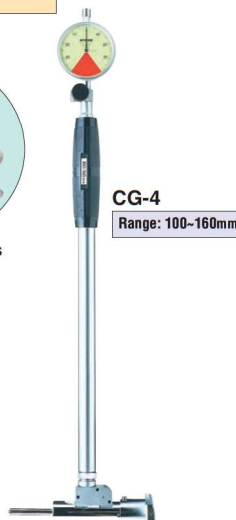
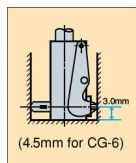
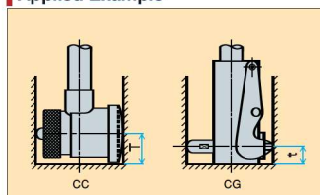
CG series

If using a CC type cylinder gauge for blind hole bore diameter, its guide plate interrupt the measurement at a point deeper than "T", as shown in the figure below.

In such case, the CG type with modified guide plate is suitable for measurement of the diameter to the point as deep as "t".

- Wide range accuracy.....5 μ m or less
- Adjacent error.....2 μ m or less
- Repeated accuracy.....2 μ m or less
- Effective measuring range is 0.5 mm (CG-01)
- Effective measuring range is 1.2 mm (CG-1 to CG-6)

Applied Example



Specifications

Model	Range (mm)	Length below grip (mm)	Number of Feelers (mm)	Thickness of Washers (mm)
CG-01	10 ~ 18	100	Intervals 1 mm x 9	0.5 mm each
CG-1	18 ~ 35	150	Intervals 2 mm x 9	0.5, 1 mm each
CG-2	35 ~ 60	150	Intervals 5 mm x 6	0.5, 1, 2, 3 mm each
CG-3	50 ~ 100	150	Intervals 5 mm x 11	0.5, 1, 2, 3 mm each
CG-3C	50 ~ 150	150	Intervals 5 mm x 11	0.5, 1, 2, 3 mm each
CG-4	100 ~ 160	250	Intervals 10 mm x 7	1, 2, 3, 4 mm each
CG-5	160 ~ 250	250	Intervals 10 mm x 10	1, 2, 3, 4 mm each
CG-6	250 ~ 400	400	Intervals 10 mm x 16	1, 2, 3, 4 mm each

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※ CG-3C includes 50 mm extension collar.

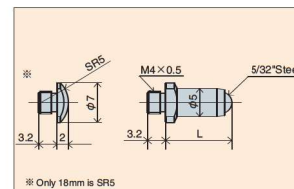
※ In general, it is the range from the origin, that is the position where the plunger is pushed in by 0.1 mm, to the position where the plunger is pushed in further by 1.2 mm.

● List of special length below grip (available on request)

	L=50 (mm)	L=100 (mm)	L=150 (mm)	L=200 (mm)	L=250 (mm)	L=300 (mm)	L=400 (mm)	L=500 (mm)	L=600 (mm)	L=700 (mm)	L=800 (mm)	L=900 (mm)	L=1000 (mm)
CG-01	●	standard	●	●	●	●							
CG-1	●	●	standard	●	●	●	●	●					
CG-2	●	●	standard	●	●	●	●	●	●	●	●	●	●
CG-3	●	●	standard	●	●	●	●	●	●	●	●	●	●
CG-3C	●	●	standard	●	●	●	●	●	●	●	●	●	●
CG-4	●	●	●	●	standard	●	●	●	●	●	●	●	●
CG-5	●	●	●	●	standard	●	●	●	●	●	●	●	●
CG-6	●	●	●	●	●	●	standard	●	●	●	●	●	●

Dimensions for Feeler and Washer for Cylinder Gauges

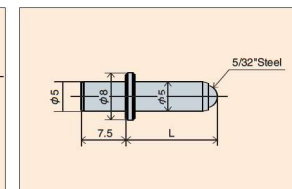
CC-1 Feeler



* Only 18mm is SR5

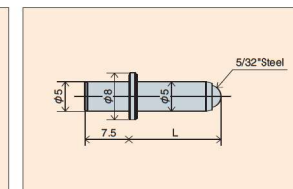
Model	Size (mm)	L (mm)
CC-1 Feeler	*18	2
	20	4
	22	6
	24	8
	26	10
	28	12
	30	14
	32	16
34	18	

CC-2 Feeler



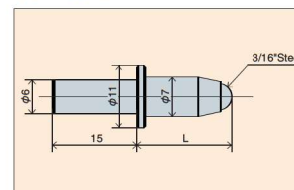
Model	Size (mm)	L (mm)
CC-2 Feeler	35	5
	40	10
	45	15
	50	20
	55	25
	60	30

CC-3 • 3C Feeler



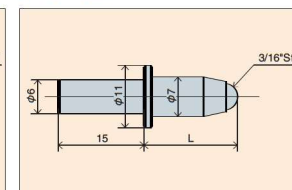
Model	Size (mm)	L (mm)
CC-3-3C Feeler	50	5
	55	10
	60	15
	65	20
	70	25
	75	30
	80	35
	85	40
	90	45
	95	50
100	55	

CC-4 Feeler



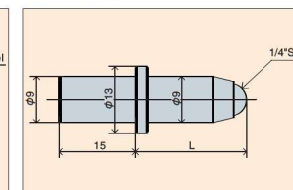
Model	Size (mm)	L (mm)
CC-4 Feeler	100	10
	110	20
	120	30
	130	40
	140	50
	150	60
	160	70

CC-5 Feeler



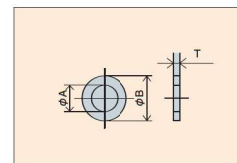
Model	Size (mm)	L (mm)
CC-5 Feeler	160	10
	170	20
	180	30
	190	40
	200	50
	210	60
	220	70
	230	80
	240	90
250	100	

CC-6 Feeler



Model	Size (mm)	L (mm)
CC-6 Feeler	250	100
	260	200
	270	300
	280	400
	290	500
	300	600
	310	700
	320	800
	330	900
	340	1000
	350	1100
	360	1200
	370	1300
380	1400	
390	1500	
400	1600	

CC-1~6 Washer



Model	T (mm)	A (mm)	B (mm)
CC-1	0.5, 1	4.1	7
CC-2	1, 2, 3	5.1	8
CC-3-3C	1, 2, 3	5.1	8
CC-4	1, 2, 3, 4	6.1	10
CC-5	1, 2, 3, 4	6.1	10
CC-6	1, 2, 3, 4	9.1	13