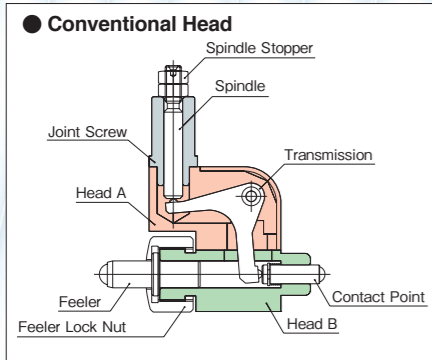
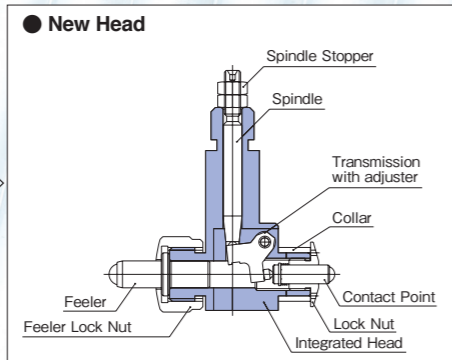


The structure of conventional type



The structure of New type



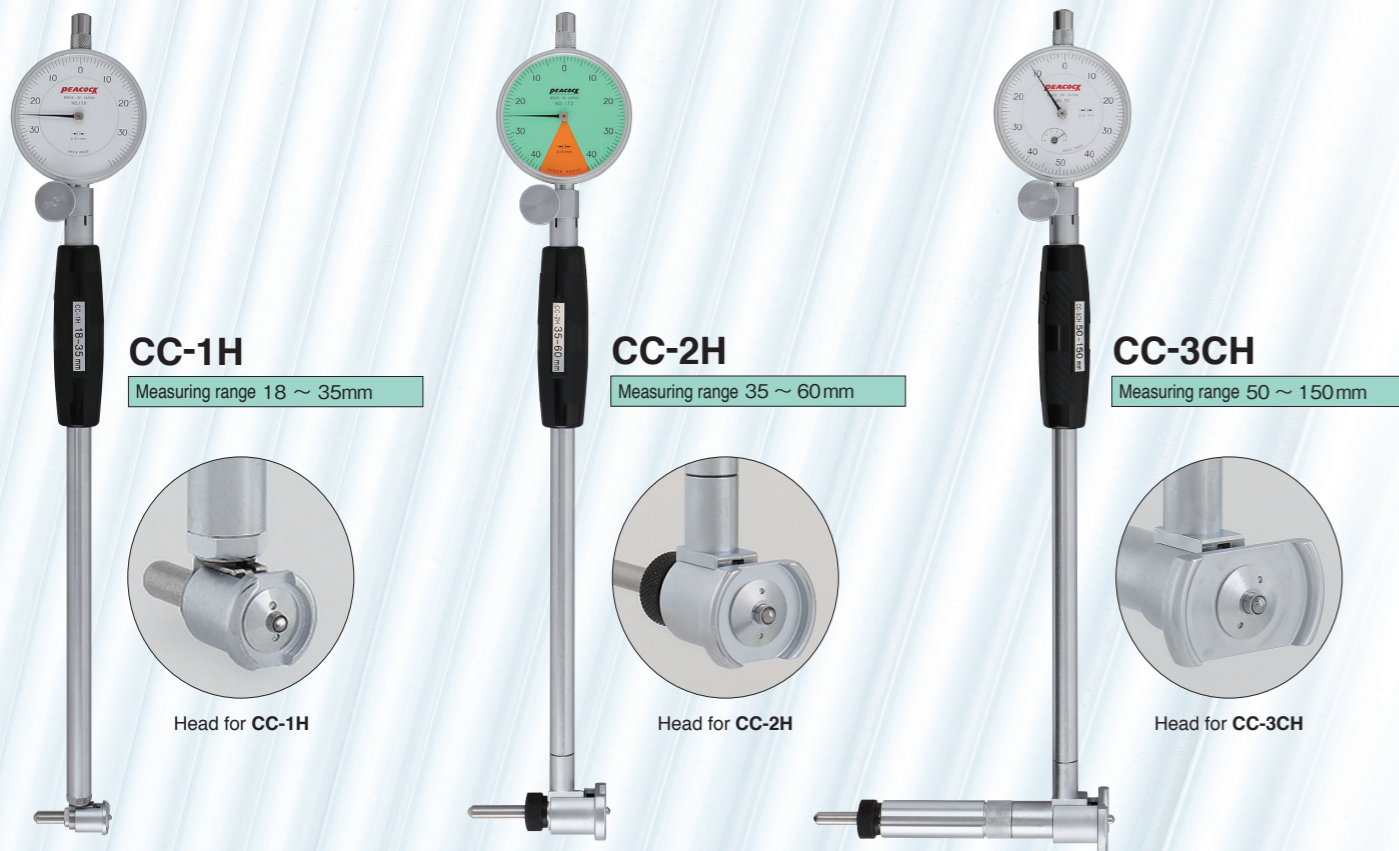
- Round Guide makes measurement easy to read minimum internal diameter.
- Conventional head was made by 2 parts but new one is integrated structure and improves endurance.
- Conventional Feelers, Washers and Adapter 50mm are common use with New models.
- Conventional spare parts have been supplied until 2027 (for 7 years from 2020).

Conventional models have been discontinued and new model numbers as shown in the table below.

Measuring range	Conventional model	→	New model
18 ~ 35mm	CC-1	→	CC-1H
	CC-1R	→	CC-1HR
	CC-1S	→	CC-1HS
35 ~ 60mm	CC-2	→	CC-2H
	CC-2R	→	CC-2HR
	CC-2S	→	CC-2HS
50 ~ 100mm	CC-3	→	CC-3H
	CC-3R	→	CC-3HR
	CC-3S	→	CC-3HS
50 ~ 150mm	CC-3C	→	CC-3CH
	CC-3CR	→	CC-3CHR
	CC-3CS	→	CC-3CHS

Standard Cylinder Gauges

H series



- Dial Gauge is optional, we recommend 17Z, 57B (0.01mm), 15Z, 5F (0.001mm).
- The quality of Cylinder Gauge is followed by JIS A class standard.
- Contact Point is carbide.

Specifications

Model	Range	Number of Feelers	Thickness of Washers	Adapter	Length below grip
CC-1H	18 ~ 35	Interval 2mm × 9	0.5, 1mm each		150
CC-2H	35 ~ 60	Interval 5mm × 6	1, 2, 3mm each		150
CC-3H	50 ~ 100	Interval 5mm × 11	1, 2, 3mm each		150
CC-3CH	50 ~ 150	Interval 5mm × 11	1, 2, 3mm each	50 × 1	150
CC-1HS	18 ~ 35	Interval 2mm × 9	0.5, 1mm each		50
CC-2HS	35 ~ 60	Interval 5mm × 6	1, 2, 3mm each		50
CC-3HS	50 ~ 100	Interval 5mm × 11	1, 2, 3mm each		50
CC-3CHS	50 ~ 150	Interval 5mm × 11	1, 2, 3mm each	50 × 1	50
CC-1HR	18 ~ 35	Interval 2mm × 9	0.5, 1mm each		150
CC-2HR	35 ~ 60	Interval 5mm × 6	1, 2, 3mm each		150
CC-3HR	50 ~ 100	Interval 5mm × 11	1, 2, 3mm each		150
CC-3CHR	50 ~ 150	Interval 5mm × 11	1, 2, 3mm each	50 × 1	150

- ※ Dial Gauge is optional.
- Effective measuring range.....1.2mm
 - Wide range accuracy.....5 μm
 - Adjacent error.....2 μm
 - Repeated accuracy.....2 μm

Example
CC-1H L : 300mm



Special length below grip for New model H series (Available on request)

Model	Measuring range	Length below grip							
		L100	L200	L300	L400	L500	L600	L700	L800
CC-1H	18 ~ 35	L100	L200	L300	L400	L500	—	—	—
CC-2H	35 ~ 60	L100	L200	L300	L400	L500	L600	L700	L800
CC-3H	50 ~ 100	L100	L200	L300	L400	L500	L600	L700	L800
CC-3CH	50 ~ 150	L100	L200	L300	L400	L500	L600	L700	L800
CC-1HR	18 ~ 35	L100	L200	L300	L400	L500	—	—	—
CC-2HR	35 ~ 60	L100	L200	L300	L400	L500	L600	L700	L800
CC-3HR	50 ~ 100	L100	L200	L300	L400	L500	L600	L700	L800
CC-3CHR	50 ~ 150	L100	L200	L300	L400	L500	L600	L700	L800

Short Size Cylinder Gauges

S series

This is a compact cylinder gauge with a length below grip of 50mm. It is used when a standard item is too long to measure the work-piece or a shorter length of below grip is required for conveniently. Specifications are same as standard model.



CC-1HS

Measuring range 18 ~ 35mm

CC-2HS

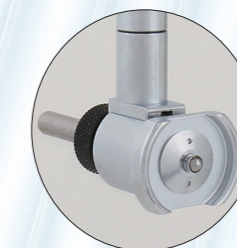
Measuring range 35 ~ 60mm

CC-3CHS

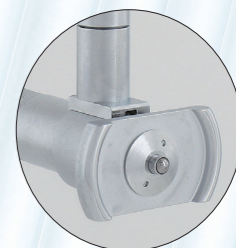
Measuring range 50 ~ 150mm



Head for CC-1HS



Head for CC-2HS



Head for CC-3CHS

Contact Point & Feeler Special type Cylinder Gauges

R series

- Contact Point & Feeler are more radii to avoid scratching your work piece.



CC-1HR

Measuring range 18 ~ 35mm

CC-3HR

Measuring range 50 ~ 100mm

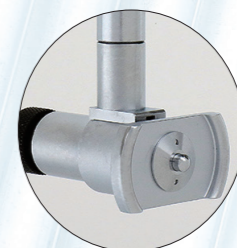
CG-2R

Measuring range 35 ~ 60mm

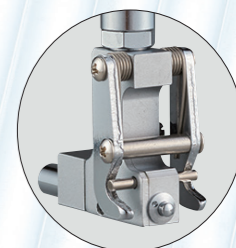
(Blind Hole type)



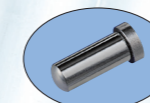
Head for CC-1HR



Head for CC-3HR



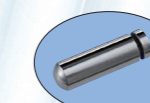
Head for CG-2R



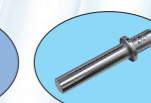
Contact Point (Tip SR2)



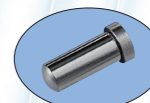
Feeler (Tip SR5)



Contact Point (Tip SR2)



Feeler (Tip SR5)

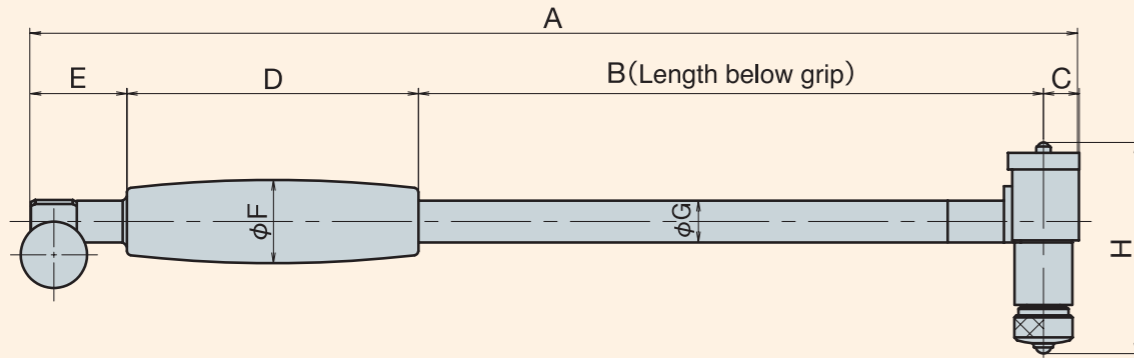
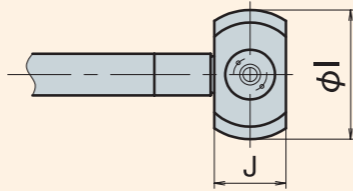


Contact Point (Tip SR2)



Feeler (Tip SR5)

CC-1H, 2H, 3H, 3CH
 CC-1HS, 2HS, 3HS, 3CHS
 CC-1HR, 2HR, 3HR, 3CHR



Dimensions

Model	A	B	C	D	E	F	G	H	I	J
CC-1H	248.75	150	5.75	70	23	20	10	18 ~ 35	13	11.5
CC-2H	251.5	150	8.5	70	23	20	10	35 ~ 60	23	17.2
CC-3H	251.6	150	8.6	70	23	20	10	50 ~ 100	31	17.2
CC-3CH	251.6	150	8.6	70	23	20	10	50 ~ 150	31	17.2
CC-1HS	148.75	50	5.75	70	23	20	10	18 ~ 35	13	11.5
CC-2HS	151.5	50	8.5	70	23	20	10	35 ~ 60	23	17.2
CC-3HS	151.6	50	8.6	70	23	20	10	50 ~ 100	31	17.2
CC-3CHS	151.6	50	8.6	70	23	20	10	50 ~ 150	31	17.2
CC-1HR	248.75	150	5.75	70	23	20	10	18 ~ 35	13	11.5
CC-2HR	251.5	150	8.5	70	23	20	10	35 ~ 60	23	17.2
CC-3HR	251.6	150	8.6	70	23	20	10	50 ~ 100	31	17.2
CC-3CHR	251.6	150	8.6	70	23	20	10	50 ~ 150	31	17.2

CC-3H in case
 (Dial Gauge is optional.)



Protective Cover for Dial Gauge
 (Optional)



New Cylinder Gauges

(Renewed CC-1, CC-2, CC-3 and CC-3C.)

Round Guide is easy to measure.



CC-2H

Integrated Head is durable.



Transmission is adjustable system and high accuracy.



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