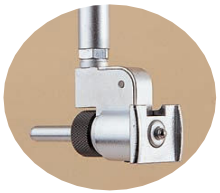
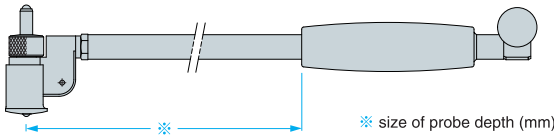
Quick Chart for "PEACOCK" Cylinder Gauges

For Both Blind Hole And Deep Bore Measuring

Select the best fitted probe length according to the measuring depth.
- **CC Series (standard)**
- **CG Series (blind hole)**





※ size of probe depth (mm)

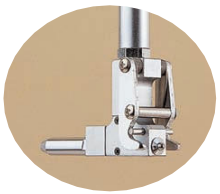
Recommendation Use the cylinder gauge vertically with a probe depth of 400mm or longer.

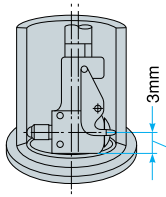
CC Series

Model	Measurement inner dia	Probe depth (mm) 50	100	150	200	250	300	400	500	600	700	800	900	1000	1500	2000
CC-02	φ 6～φ 10	◉	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CC-01	φ 10～φ 18	●	◉	—	●	—	●	—	—	—	—	—	—	—	—	—
CC-1	φ 18～φ 35	1.◉	●	◉	●	—	●	●	●	—	—	—	—	—	—	—
CC-2	φ 35～φ 60	2.◉	●	◉	●	—	●	●	●	●	●	●	●	●	●	●
CC-3	φ 50～φ 100	3.◉	●	◉	●	—	●	●	●	●	●	●	●	●	●	●
CC-3C	φ 50～φ 150	4.◉	●	◉	●	—	●	●	●	●	●	●	●	●	●	●
CC-4	φ100～φ 160	●	●	—	●	◉	●	●	●	●	●	●	●	●	●	●
CC-5	φ160～φ 250	●	●	—	●	◉	●	●	●	●	●	●	●	●	●	●
CC-6	φ250～φ 400	●	●	—	●	—	●	◉	●	●	●	●	●	●	●	●

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

◉ are standard probe depth sizes
◉ are short type standard items. (Please order by model no.)
1. CC-1S (φ18 ～ φ35)
2. CC-2S (φ35 ～ φ60)
3. CC-3S (φ50 ～ φ100)
4. CC-3CS (φ50 ～ φ150)





Measuring is possible up to 3mm from the bottom of a cylinder.
(CG-6 can measure up to 4.5mm)

CG Series

Model	Measurement inner dia	Probe depth (mm) 50	100	150	200	250	300	400	500	600	700	800	900	1000
CG-01	φ 10～φ 18	●	◉	●	●	●	●	—	—	—	—	—	—	—
CG-1	φ 18～φ 35	●	●	◉	●	●	●	●	●	—	—	—	—	—
CG-2	φ 35～φ 60	●	●	◉	●	●	●	●	●	●	●	●	●	●
CG-3	φ 50～φ 100	●	●	◉	●	●	●	●	●	●	●	●	●	●
CG-3C	φ 50～φ 150	●	●	◉	●	—	●	●	●	●	●	●	●	●
CG-4	φ100～φ 160	●	●	●	●	◉	●	●	●	●	●	●	●	●
CG-5	φ160～φ 250	●	●	●	●	◉	●	●	●	●	●	●	●	●
CG-6	φ250～φ 400	●	●	●	●	●	●	◉	●	●	●	●	●	●

◉ are standard probe depth sizes

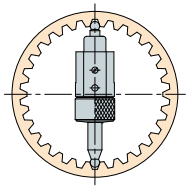
Cylinder Gauges for Measuring Spline and Internal Gears

Easy and precise measurement of an OVER PIN DIAMETER, LARGE and SMALL diameter of SPLINE by our custom-manufactured Cylinder Gauges.

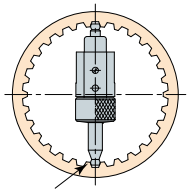
- Measuring OVER PIN diameter...Please specify diameters of over pin and balls.
- Measuring Large/Small diameter of the SPLINE...we will add a guide plate for accurate measurement by the shape of your work-piece.

Measuring OVER PIN Diameter

- **Please specify diameters of Over pin and Balls.**

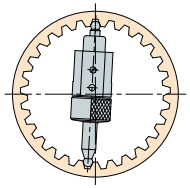


Even tooth



Even tooth

- **We cut both tips of the balls when interference with Large diameter.**

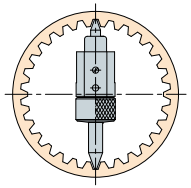


Odd tooth

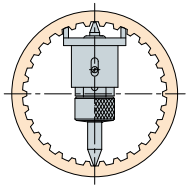
Measuring Large Diameter

- **Please specify large diameter (φ D), width and height of face.**

(We design contact points that do not touch either gear surface.)

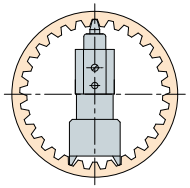


Even tooth



Even tooth

- **In case the root diameter is wide, we will add guide plate.**



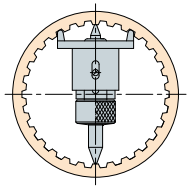
Odd tooth

- **If the root of the face is not in the symmetry, the measurement points will across at any position. This is the reference of measurement by set a Master.**

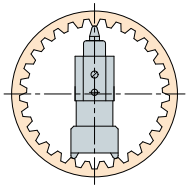
Measuring Small Diameter

- **Please specify small diameter and height of face.**

(We design contact point guides on both sides of contact point.)



Even tooth



Odd tooth

- **If the root of the face is not in the symmetry, the measurement points will across at any position. This is the reference of measurement by set a Master.**

For Inquiries:
We provide quotes based on submitted workpiece drawings or actual workpiece examples. There is no minimum quantity required. Please specify what you want to measure, workpiece materials and tolerance. See page 20.
(Please contact us directly or call a sales representative in your area.)