

Pivot Pins

Straight Retaining Ring

RoHS10

Type		M Material	H Hardness	S Surface Treatment	A Accessory		
L Dimension Selectable, Dimension Configurable							
CDG	CCG	EN 1.1191 Equiv. ⚠ L Dimension Selectable Type is EN 1.1191 Equiv.	-	Black Oxide	Retaining Ring 2 pcs.	M Spring Steel	
CDGH	CCGH		40~45HRC	Electroless Nickel Plating		M EN 1.4301 Equiv.	
-	PCCG		-			M Spring Steel	
-	PCCGH	EN 1.1191 Equiv.	40~45HRC	Hard Chrome Plating		M EN 1.4301 Equiv.	
-	GCCG		Plating Hardness 750HV	-		M EN 1.4301 Equiv.	
SCDG	SCCG	EN 1.4301 Equiv.	-	Hard Chrome Plating		M EN 1.4301 Equiv.	
-	SCCGH	EN 1.4125 Equiv.	45~50HRC			M EN 1.4301 Equiv.	
-	GSCCGH		45~50HRC, Plating Hardness 750HV			M EN 1.4301 Equiv.	

D Tolerance (g6)	
2, 3	-0.002 -0.008
4~6	-0.004 -0.012
8, 10	-0.005 -0.014
12~18	-0.006 -0.017
20~25	-0.007 -0.020

* The tolerance Dg6 is only available for the diameter over the length L. The front diameter has a negative tolerance.

⚠ CDG has identification grooves on the side in order to distinguish it from Hardened Type. (CCG and PCCG may also have identification grooves.)

⚠ This type may have centering holes depending on dimensions.

L Dimension Selectable																						
Part Number												m		N	d		Included Retaining Ring	Unit Price				
Type	D	L Selection										Tolerance			Tolerance	Shape	JIS Nominal*	CDG	CDGH	SCDG		
CDG (Hardened)	3	10 12 14 15 16 18 20 22 24 25 30											0.5	+0.05	2	2	+0.06	E Type	No. 2			
	4		3	0																		
	5		4	+0.075																		
SCDG (Stainless Steel)	6	15 16 18 20 22 24 25 30 35 40 45 50											0.9	0	3	5	0	C Type	No. 5			
	8		7	+0.09																		
	10		9.6	+0.09																		
	12		18 20 22 24 25 30 35 40 45 50	1.15	+0.14	4	11.5	+0.11														

 * For details, see P2303.

 L Dimension Configurable Type (0.1mm Increment)

Part Number	Type	D	L=0.1mm Increment	m	Tolerance	N	d	Tolerance	Included Retaining Ring Shape	JIS Nominal*	Unit Price								
											CCG	CCGH	PCCG	PCCGH	GCCG	SCCG	SCCGH	GSCCGH	
CCG CCGH PCCG PCCGH GCCG SCCG SCCGH GSCCGH		2	5.0~30.0	0.5	+0.05 0	2	1.5	+0.06 0	E Type	No. 1.5									
		3	5.0~50.0				2			No. 2									
		4			3			No. 3											
		5	10.0~60.0	0.7	+0.1 0	4	+0.075 0	No. 4											
		6			5		No. 5												
		8	10.0~100.0	0.9		7	+0.09 0	No. 7											
		10	15.0~100.0	1.15	+0.14 0	3	9.6	0 -0.09	No.10										
		12	15.0~200.0				11.5		No.12										
		13					12.4		No.13										
		14	25.0~200.0			13.4	0 -0.11	No.14											
		15				14.3		No.15											
		16				15.2		No.16											
		17				16.2		No.17											
		18				17		No.18											
		20	30.0~200.0			1.35		19	0 -0.21	No.20									
		22					21		No.22										
		25		23.9			No.25												

* For details, see P2303. * SCCGH and GSCCGH may be discolored by hardening.		Ordering Example		Part Number - L		Alterations		Part Number - L - (NC)	
				CDG8 - 30				CCG15 - 120.3 - NC3	
				CCG15 - 120.3				Applicable to L Dimension Configurable Type.	

Retaining Ring Groove Position	
Alteration	NC
Code	NC
Spec.	Ordering Code NC3
	D NC (Selection Range)
	2~4 1.5~3
	5 1.7~3
	6 1.9~4
	8 2.4~5
	10~18 2.7~5
	20~25 2.9~5
	* Overall Length is L+NCx2.