

# Made to Order Common Specifications: -XC27: Double Clevis and Double Knuckle Joint Pins Made of Stainless Steel



Part of the CG1 series (model highlighted in red) is to be discontinued as of the end of February 2025.  
Please select the CG1-Z1 series instead.

Symbol

## 34 Double Clevis and Double Knuckle Joint Pins Made of Stainless Steel

-XC27

To prevent the oscillating portion of the double clevis or the double knuckle joint from rusting, the material of the pin and the retaining ring has been changed to stainless steel.

### Applicable Series

Series	Description	Model	Action	Vol. no. (for std model)
CM2	Standard type	CM2-Z	Double acting, Single rod <sup>(1)</sup> Single acting (Spring return) <sup>(1)</sup>	Web Catalog
	Non-rotating rod type	CM2K-Z	Double acting, Single rod <sup>(1)</sup> Single acting (Spring return) <sup>(1)</sup>	
	End lock cylinder	CBM2	Double acting, Single rod	
	Smooth cylinder	CM2Y-Z	Double acting, Single rod	
CG1	Air cylinder	CG1-Z1	Double acting, Single rod <sup>(1)</sup>	Web Catalog
		CG1-Z	Double acting, Single rod <sup>(1)</sup> Single acting (Spring return) <sup>(1)</sup>	
		CG1K-Z <sup>(2)</sup>	Double acting, Double rod <sup>(1)</sup>	
		CG1K-Z	Double acting, Double rod <sup>(1)</sup>	
MB	Standard type	MB-Z	Double acting, Double rod <sup>(1)</sup>	Web Catalog
	Non-rotating rod type	MBK-Z	Double acting, Single rod <sup>(1)</sup>	
	With end lock	MBB	Double acting, Single rod	
	Smooth cylinder	MBY-Z	Double acting, Single rod <sup>(1)</sup>	
MB1	Standard type	MB1-Z	Double acting, Single rod <sup>(1)</sup>	Web Catalog
	Non-rotating rod type	MB1K-Z	Double acting, Single rod <sup>(1)</sup>	
CA2	Standard type	CA2-Z	Double acting, Single rod <sup>(1)</sup>	Web Catalog
	Non-rotating rod type	CA2K	Double acting, Single rod	
	End lock cylinder	CBA2	Double acting, Single rod	
	Air-hydro cylinder	CA2H	Double acting, Single rod	
	Smooth cylinder	CA2Y-Z	Double acting, Single rod	

Series	Description	Model	Action	Vol. no. (for std model)
CS1	Standard type	CS1	Double acting, Single rod	Web Catalog
	Low friction	CS1Q	Double acting, Single rod	
CS2	Standard type	CS2	Double acting, Single rod	
	Smooth cylinder	CS2Y	Double acting, Single rod	
			Double acting, Single rod	
CQS	Standard type	CQS	Single acting (Spring return)	
	Long stroke	CQS	Double acting, Single rod	
	Anti-lateral load type	CQS□S	Double acting, Single rod	
	Non-rotating rod type	CQSK	Double acting, Single rod	
CQ2	Standard type	CQ2-Z	Double acting, Single rod <sup>(1)</sup> Single acting (Spring return) <sup>(1)</sup>	
	Long stroke	CQ2-Z	Double acting, Single rod	
	Anti-lateral load type	CQ2□S-Z	Double acting, Single rod	
	Non-rotating rod type	CQ2K-Z	Double acting, Single rod	

Note 1) Except cylinders with double knuckle joint bracket in How to Order  
Note 2) Except ø20, ø25, and ø32 with air cushion

### How to Order

CM2D	Standard model no.	-XC27
CG1D	Standard model no.	-XC27
CA2D	Standard model no.	-XC27
CS1D	Standard model no.	-XC27
CS2D	Standard model no.	-XC27
CQSD	Standard model no.	-XC27
CQ2D	Standard model no.	-XC27
Double clevis type      Double clevis pin made of stainless steel		
Y -	G012, Z015A, G02, G03, G04, G05, G08, G10	-XC27
Y -	020B, 032B, 040B	-XC27
Y -	04D, 05D, 08D, 10D	-XC27
Y -	12, 14, 16, 18, 20, 25, 30	-XC27
Y -	12A, 14A, 16A, 18A, 20A, 25A, 32A	-XC27
Double knuckle joint      Double knuckle joint pin made of stainless steel		

### Specifications

Mounting type	Only double clevis type (D), Double knuckle joint only
Pin and retaining ring material	Stainless steel 304
Specifications other than above	Same as standard type

CG -	D020, D025, D032, D040, D050, D063, D080, D100	-XC27
Clevis pin made of stainless steel		
Clevis assembly (Clevis, Mounting bolt, Pin, Retaining ring)		
IY -	12, 14, 16, 18, 20, 25, 30	-XC27
IY -	G012 (J015)*, G02, G03, G04, G05, G08, G10	-XC27
CD -	M03, M05, M08	-XC27
CD -	G02, G25, G03, G04, G05, G06	-XC27
CDP -	1, 2, 3	-XC27
CDP -	2A, 3A, 4A, 5A, 6A, 7A	-XC27
Clevis pin made of stainless steel		
Knuckle pin		
* Stainless steel specification for IY-J015 is IY-J015SUS.		

### Mounting brackets, accessories, and nut material: Stainless steel

The following accessories need to be prepared separately. (Please order separately.)  
Refer to the "Accessories" page of each series for details.

Series	Bore size (mm)	Foot	Flange	Single knuckle joint	Double knuckle joint	Mounting nut	Rod end nut	Accessories page
CM2	20, 25, 32, 40	○	○	○	○	○	○	Web Catalog
CG1	20, 25, 32, 40, 50, 63, 80, 100	○*	○*	○	○	—	○	
CQ2	20, 25, 32, 40, 50, 63, 80, 100	—	—	○	○	—	○	

\* Except bore size 20 and 25.