

Chain Wheel/Chain ▶ 60 Series (12A)



Please order according to the diagram

①~③ Select the type and parameters in the order of for ordering

Chain Wheel

Model(①Code)

ECGEA-60

② Number Teeth

9

③ DH7

D19

Chain

Model(④Code)

EDFGA-60

⑤ Number sections

50

⑥ Connector Type

A



Discounted Price

Quantity 1~9 10~

Price 100% Separate Quotation

Please Excluding Tax (¥/unit)



Chain Wheel

Code	Type	Material		Heat Treatment	Surface Treatment
		National Standard	Equivalent		
ECGEA	60 Series	45	S45C	High-frequency tooth tip	Black Oxide Finish
ECGEB		0Cr18Ni9	SUS304	—	—

Chain

Code	Type	Pitch(P)	Material
EDFGA	60 Series	19.05	Steel
EDFGB			Stainless Steel
EDFHC			Steel (oil-impregnated bushing)
EDFJD			Steel

Keyway/Threaded Hole Size

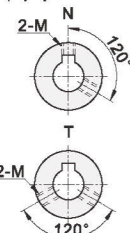
D	Keyway b×t ₁	M
18~22	6×2.8	6
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12

Chain sprocket hubs with an asterisk (*) in the H value have slots.

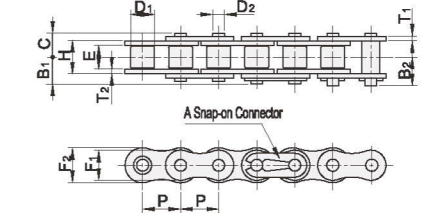
Number Teeth	S	GD
9	—	32
10	8	37
11	—	45

① Please do not use Series 60 sprocket chains with Series 12B sprocket chains!

Installation Method
(keyways+Threaded Hole)

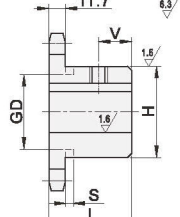
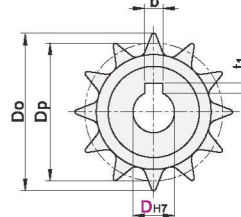


Chain



- ① When the number of chain links is even, the product will be supplied with one full-buckle connector.
- ② When the number of chain links is odd, the product will be supplied with one full-buckle connector and one half-buckle connector.
- ③ Additional connectors can be ordered separately.

Chain Wheel



- ① Offset between tooth tip and keyway center is +0.5.
- ② Due to manufacturing tolerances, it is not possible to ensure that the tooth tips and keyways of multiple products will align perfectly.

Chain Wheel

Model		Shaft Hole Diameter										Outer Diameter	Diameter of Reference Circle	Hub		V		
Code	Number Teeth	D _{H7}										D _o	D _p	H	L			
ECGEA-60	9	19	20	22	(24)							63	55.7	43*				
	10	19	20	22	24	25	(28)	(30)				70	61.65	49*		6		
	11	19	20	22	24	25	28	30	(32)			76	67.62	51*				
	12	19	20	22	24	25	28	30	32	35		83	73.6	51				
	13	19	20	22	24	25	28	30	32	35	38	(40)	89	79.6	57	32		
	14	19	20	22	24	25	28	30	32	35	38	40	95	85.61	62		8	
	15	18	19	20	22	24	25	28	30	32	35	38	40	101	91.62	68		
	16	19	20	22	24	25	28	30	32	35	38	40	107	97.65	73			
	17	19	20	22	24	25	28	30	32	35	38	40	113	103.67	73			
	18	19	20	22	24	25	28	30	32	35	38	40	119	109.71				
	19	19	20	22	24	25	28	30	32	35	38	40	126	115.74				
	20	19	20	22	24	25	28	30	32	35	38	40	132	121.78				
	21	20	22	24	25	28	30	32	35	38	40	138	127.82					
	22	20	22	24	25	28	30	32	35	38	40	144	133.86		83	40	12	
	23	20	22	24	25	28	30	32	35	38	40	150	139.9					
	24	20	22	24	25	28	30	32	35	38	40	156	145.95					
	25	20	22	24	25	28	30	32	35	38	40	162	151.99					
	26	20	22	24	25	28	30	32	35	38	40	168	158.04					
	27		22	24	25	28	30	32	35	38	40	174	164.09					
	28		22	24	25	28	30	32	35	38	40	180	170.14					
	30		22	24	25	28	30	32	35	38	40	193	182.25					
ECGEB-60	10	20	22	25								70	61.65	49*				
	11	20	22	25								76	67.62	51*		6		
	12	20	22	25								83	73.6	51				
	13	20	22	25	28							89	79.6	57	32			
	14	20	22	25	28							95	85.61	62		8		
	15	20	22	25	28	30	32	35	38			101	91.62	68				
	16		25	28	30	32	35	38				107	97.65	73				
	17		25	28	30	32	35	38				113	103.67					
	18		25	28	30	32	35	38	40			119	109.71					
	19		25	28	30	32	35	38	40			126	115.74					
	20		25	28	30	32	35	38	40			132	121.78					
	21			30	35	40						138	127.82					
	22			30	35	40						144	133.86		83	40	12	
	23			30	35	40						150	139.9					
	24			30	35	40						156	145.95					
	25			30	35	40						162	151.99					
	30			30	35	40						193	182.25					

① The installation method for specifications corresponding to the () D dimension is T₁, and the remaining specifications are N.

Chain	Model		Connector Type	Inner Height of Inner Link	Polar Outer Diameter	Pin				Link					
	Code	Number sections		E	D ₁	C	B ₁	B ₂	D ₂	T ₁	T ₂	H	F ₁	F ₂	
Standard type	EDFGA-60	EDFGB-60	4~	A (Snap-on)	12.70	12.58	15.13	15.13	5.94	2.38	2.38	17.75	15.62	18.1	
Self-lubricating	EDFHC-60				12.57	11.91					2.4	3.2			18.97
Heavy Duty	EDFJD-60				12.70		14.25	15.55		16.75		3.18			3.18