Order guide

C (Major category) EL (Category) E (Series) - C2 (1 Material) - 50 (2 Series) - 9 (3 Number of Teeth) - D16 (4 Bore Diameter)

Please refer to the series code to select the type and parameters for ordering.

Order guide

C (Major category) TM (Category) E (Series) - C (1 Material) - 50 (2 Series) - 4 (5 Number of Links) - A (6 Joint Type)

Please refer to the series code to select the type and parameters for ordering.

Sprocket

Code	Category	Series ❷	Pitch (P)	Material ❶	Heat Treatment	Surface Treatment
CELE-C2-50	Sprocket	50 Series (10A)	15.875	S45C	Tip Hardening	Blackened
CELE-S1-50				SUS304	—	—

Chain

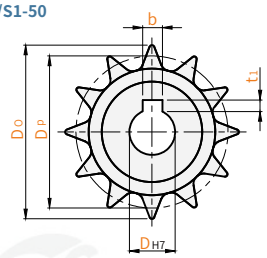
Code	Category	Series ❷	Type	Pitch (P)	Material ❶
CTME-C-50	Chain	50 Series (10A)	Standard Type	15.875	Steel
CTME-S-50					Stainless Steel
CTME-Z-50			Self-Lubricating Type		Steel (with Oil-Impregnated Bushing)
CTME-G-50			Heavy-Duty Type		Steel

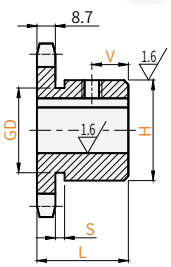
50 Series sprockets and chains must not be used in combination with 10B Series sprockets and chains.

Keyway / Screw Hole Dimension Table

D	Keyway b×t1	M
14~17	5×2.3	6
18~22	6×2.8	
24~30	8×3.3	
32~38	10×3.3	8
40~42	12×3.3	
45~50	14×3.8	10

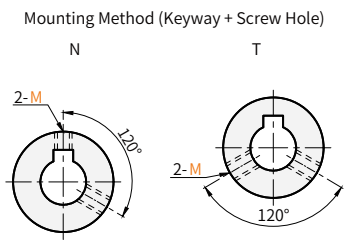
Sprocket
CELE-C2/S1-50





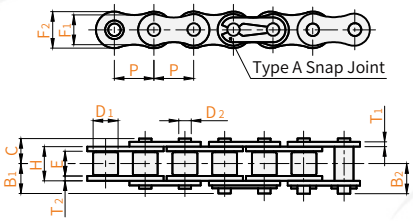
6.3
Remaining

Mounting Method (Keyway + Screw Hole)



Offset between tooth tip and keyway center: ±0.5
Due to manufacturing limitations, the tooth tips and keyway centers of multiple products cannot be guaranteed to perfectly align.

Chain
CTME-C/S/Z/G-50



When the number of chain links is even, the product comes with one full-link joint.
When the number of chain links is odd, the product comes with one full-link joint and one half-link joint.

Visual standards: first perspective

Sprocket

Model		Bore Diameter	OD	PCD	Hub		V
Code	Number of Teeth ❸	D_{H7} ❹	D_o	D_p	H	L	
CELE-C2-50	9	16 17 18 19	53	46.42	34*		
	10	15 16 17 18 19 20 22 (24) (25)	58	51.37	40*		
	11	15 16 17 18 19 20 22 24 25	64	56.35	45.5*		5
	12	15 16 17 18 19 20 22 24 25 28 30 32	69	61.34	50*		
	13	14 15 16 17 18 19 20 22 24 25 28 30 32	74	66.34	51*	25	
	14	14 15 16 17 16 19 20 22 24 25 28 30 32 35	79	71.34	52		
	15	14 15 16 17 18 19 20 22 24 25 28 30 32 35 38	84	76.35	57		7
	16	14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40	89	81.37	62		
	17	14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 (45)	94	86.39	67		
	18	14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	100	91.42	72		
	19	14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	105	96.45			
	20	14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45 50	110	101.48			
	21	17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	115	106.51			
	22	17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	120	111.55			
	23	17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	125	116.58			
	24	17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	130	121.62			
	25	17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	135	126.66			
	26	24 25 28 30 32 35 38 40 45	140	131.70	73	28	8
	27	24 25 28 30 32 35 38 40 45	145	136.74			
	28	24 25 28 30 32 35 38 40 42 45	150	141.79			
	29	24 30	155	146.83			
	30	22 25 28 30 32 35 38 40 45	161	151.87			
	32	25 28 30 32 35 38 40 45	171	161.96			
	33	35	176	167.01			
	34	25 28 30 32 35 38 40 45	181	172.05			
	35	25 28 30 32 35 38 40 45	186	177.1			

◉ For specifications with a ( )D dimension, the mounting type is T; for all others, it is N.

Sprocket

Model		Bore Diameter	OD	PCD	Hub		V
Code	Number of Teeth	D_{H7}	D_o	D_p	H	L	
CELE-S1-50	10	20 22	58	51.37	40*		
	11	20 22 24 25	64	56.35	45.5*		5
	12	20 22 24 25	69	61.34	50*		
	13	20 22 24 25	74	66.34	51*	25	
	14	20 22 24 25 28 30	79	71.34	52		
	15	20 22 24 25 28 30 32	84	76.35	57		7
	16	20 22 24 25 28 30 32 38	89	81.37	62		
	17	20 22 24 25 28 30 32 35 38	94	86.39	67		
	18	20 22 24 25 28 30 32 35 38 40	100	91.42	72		
	19	20 22 24 25 28 30 32 35 38 40	105	96.45			
	20	20 22 24 25 28 30 32 35 38 40	110	101.48			
	21	20 25 30 35 40	115	106.51			
	22	20 25 30 35 40	120	111.55			
	23	20 25 30 35	125	116.58			
	24	20 25 30 35	130	121.62	73	28	8
	25	20 25 30 35 40	135	126.66			
	26	20 25 30 35	140	131.7			
	28	20 25 30 35 40	150	141.79			
	30	20 25 30 35 40	161	151.87			
	32	25 30 35	171	161.96			
	35	25 30 35	186	177.1			

◉ The mounting type of CELE-S1-50 is N.

Sprockets with H-values marked with an asterisk (*) have a slot on the hub.

Number of Teeth	S	GD
9		29
10		34
11	6.4	39
12		44
13		49

Chain

Model		Joint Type ❻	Inner Link Inner Height	Roller	Pin				Chain Link				
Code	Number of Links ❺		E	D_1	C	B_1	B_2	D_2	T_1	T_2	H	F_1	F_2
CTME-C-50	4~	A(Snap)	9.52	10.16	10.03	12.28	12.28	5.09	2.01	2.01	13.84	13.02	15.08
CTME-S-50													
CTME-Z-50			9.4		10.93	11.93	13.23		2	2.35	14.1		
CTME-G-50			9.52						2.38	2.38	14.5		