Order guide

C (Major category) EL (Category) Q (Series) - 40 (1 Series) - 12 (2 Tooth number) - D15 (3 Shaft hole diameter)

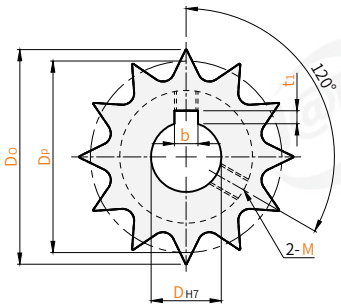
◉ Please refer to the series code to select the type and parameters for ordering.

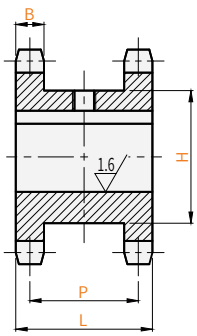
Code	Serie❶	Pitch	Body material	Heat treatment	Surface treatment
CELQ-40	40Series	12.7	S45C	Tooth tip high-frequency	Blackening
CELQ-50	50Series	15.875			

Customization design A

○ Keyway/Screw hole size table

D	Keyway b ×t1	M
15	5 ×2.3	10
18~20	6 ×2.8	
25~30	8 ×3.3	
35	10 ×3.3	8
40	12 ×3.3	





6.3 Remaining

◉ The offset between the top of the tooth and the center of the keyway is ±0.5.
◉ Due to process issues, it is not possible to guarantee consistent overlap of tooth tops and keyways for multiple products.

Visual standards: first perspective

○ 40series

Model		Shaft bore diameter	Outer diameter	Indexing circle diameter	Wheel		B	P	Weight (kg)
Code	Tooth number ❷	DH7 ❸	Do	Dp	H	L			
CELQ-40	12	15 18	55	49.07	34	35	7.2	27.8	0.332
	13	18 20	59	53.07	38				0.402
	14	18 20	63	57.07	42				0.492
	15	20 25	67	61.08	46				0.572
	16	20 25	71	65.1	50				0.662
	17	25 28 30	76	69.12	54				0.762
	18	25 28 30 35	80	73.14	59				0.892
	19	25 28 30 35	84	77.16	63				1.002
	20	25 28 30 35	88	81.18	67				1.142
	21	25 28 30 35	92	85.21	71				1.232

○ 50series

Model		Shaft bore diameter	Outer diameter	Indexing circle diameter	Wheel		B	P	Weight (kg)
Code	Tooth number ❷	DH7 ❸	Do	Dp	H	L			
CELQ-50	12	18 20	69	61.34	43	40	8.7	31.3	0.632
	13	20 25 28	74	66.34	48				0.752
	14	20 25 28 30	79	71.34	53				0.902
	15	20 25 28 30 35	84	76.35	58				1.042
	16	25 28 30 35 40	89	81.37	63				1.222
	17	25 28 30 35 40	94	86.39	68				1.412
	18	25 28 30 35 40	100	91.42	73				1.612
	19	25 28 30 35 40	105	96.45	79				1.802
	20	25 28 30 35 40	110	101.48	84				1.952
	21	28 30 35 40	115	106.51	89				2.272