

Expanded Series

Conveyor Sprocket for F Rollers



● **Order No. Example**
K5100F B 6
 Chain No. Boss Shape No. of Teeth
 Conveyor Sprocket No.

· Applicable Conveyor Chain Dimensions

Chain No.	Chain Pitch	Roller Diameter	Roller Link Inner Width
K3075F	75	31.8	16.1
K3100F	100		
K5100F	100	40	22
K5150F	150		
K10150F	150	50.8	30

The beautiful exterior is a special feature with a full crosscut finish.

Special sizes other than those below can also be produced.

! The teeth can also be hardened using high frequency. Since the material is equivalent to S45C, please specify oil quenching and tempering as the hardening method.

Precautions

Chain No.	No. of Teeth	Basic Dimensions/Shape				Common Basic Specification Dimensions					
		Pitch Circle Diameter Dp	Outer Diameter Do	Tooth Width T	Tooth Section Shape	Prepared Hole Diameter d	Shaft Diameter Range d (MAX)	Boss Diameter DH	Total Width DL	Center Distance L (CW-type)	Mass kg
K3075F	6	150	158	9	S1	20	50	73	54	27	2.6
	8	196	209			20	55	83	59	29.5	4.1
	10	242.7	259			20	60	93	64	32	6.0
	12	289.8	308			20	60	93	64	32	7.4
K3100F	6	200	206	9	S2	20	55	83	59	29.5	4.2
	8	261.3	272		S2	20	60	93	64	32	6.5
	10	323.6	336		S1	20	65	98	69	34.5	9.2
	12	386.4	401		S1	20	65	98	69	34.5	11.6
K5100F	6	200	205	12	S1	26	75	107	80	40	7.3
	8	261.3	272			26	75	107	80	40	9.4
	10	323.6	340			26	80	117	88	44	13.5
	12	386.4	405			26	85	127	98	49	18.8
K5150F	6	300	304	12	S2	26	80	117	88	44	12.4
	8	392	402			26	85	127	98	49	19.2
	10	485.4	500			26	95	137	110	55	27.9
	12	579.6	596			26	95	137	110	55	35.2
K10150F	6	300	309	16	S2	30	95	137	113	56.5	18.9
	8	392	408		S2	30	100	147	116	58	26.6
	10	485.4	506		S2	30	110	157	126	63	37.5
	12	579.6	601		S1	30	115	167	137	68.5	50.8



Conveyor Sprocket No. and Quantity



● Same-day shipping ○ 5-day shipping
 * Single order system available



Semi-F Series Supported Product: Shipping in 5 working days

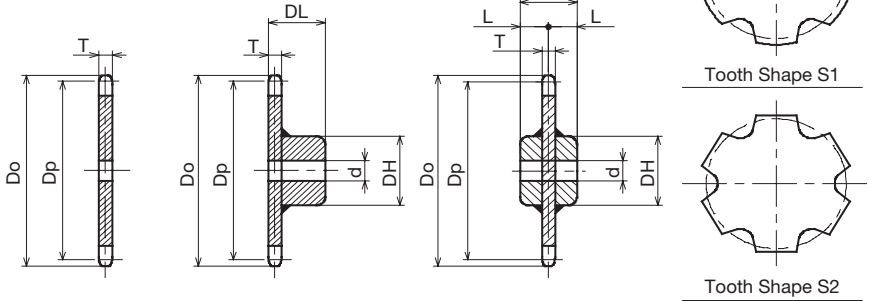
* Please refer to P24 to P33 for the Semi-F Series <Complete Product> order method.

Conveyor Sprocket for F Rollers <A/BW/CW-type>



Precautions

When welding an A-type boss, please use S20C, or less, for the boss material. Please use a low-hydrogen type electrode or wire for welding, preheating the sprocket and cooling it slowly after welding is complete. Distortion may occur in the sprocket due to the welding, in which case it may warp into an umbrella shape. Please take all necessary care when working to relieve this stress.



A Type

BW Type

CW Type

Carbon Structural Steel

¥			Semi-F ¥		No. of Teeth	Chain No.
● A-type	○ BW-type	○ CW-type	○ BW-type	○ CW-type		
					6	K3075F
					8	
					10	
					12	
					6	K3100F
					8	
					10	
					12	
					6	K5100F
					8	
					10	
					12	
					6	K5150F
					8	
					10	
					12	
					6	K10150F
					8	
					10	
					12	



Guide

The DH and DL dimensions above are given as an example. We can machine dimensions to meet your needs. Please allow us to make a separate estimate for other than those given above. (Please contact each individual sales office.)



Precautions

1. The diameter d represents general situations. Please determine the shaft hole and key surface according to general mechanical design.
2. For a sprocket mass exceeding 30kg, it may be necessary to put a hanging hole in the tooth section.