

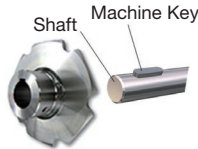
# Conveyor Sprocket for F Rollers

## Order Product Code

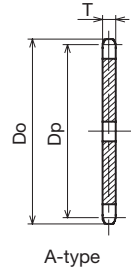
### K5100F 6

Chain No.    No. of Teeth

Conveyor Sprocket No.



Use together with the KANA machine key. Refer to P.334 to P.335



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.

Chain No.	No. of Teeth	Basic Dimensions/Shape				Applicable Conveyor Chain Dimensions		
		Pitch Circle Diameter Dp	Outer Diameter Do	Tooth Width T	Tooth Shape	Chain Pitch	Roller Diameter	Roller Link Inner Width
K3075F	6	150.000	158	9	S1	75	31.8	16.1
	8	195.982	209					
	10	242.707	259					
	12	289.777	308					
K3100F	6	200.000	206	9	S2	100	31.8	16.1
	8	261.310	272		S2			
	10	323.610	336		S1			
	12	386.370	401		S1			
K5100F	6	200.000	205	12	S1	100	40	22.2
	8	261.310	272					
	10	323.610	340					
	12	386.370	405					
K5150F	6	300.000	304	12	S2	150	40	22.2
	8	391.965	402					
	10	485.415	500					
	12	579.555	596					
K10150F	6	300.000	309	16	S2	150	50	30
	8	391.965	408		S2			
	10	485.415	506		S2			
	12	579.555	601		S1			

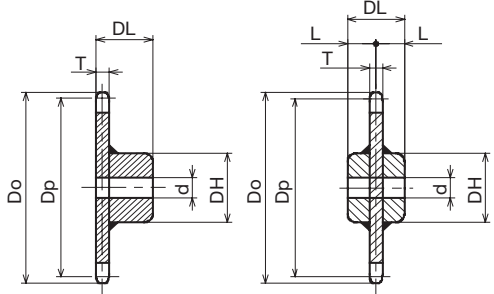
## Conveyor Sprocket for F Rollers <A/BW/CW-type>



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.

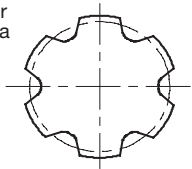


Production Examples

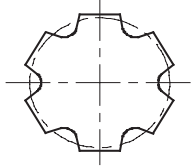


BW-type

CW-type



Tooth Shape S1



Tooth Shape S2

**m** Carbon Structural Steel

### Common Basic Specification Dimensions

Prepared Hole Diameter d	Shaft Diameter Range d(MAX)	Boss Diameter DH	Total Width DL	Center Distance L(CW-type)	Mass kg
20	50	73	54	27.0	2.6
20	55	83	59	29.5	4.1
20	60	93	64	32.0	6.0
20	60	93	64	32.0	7.4
20	55	83	59	29.5	4.2
20	60	93	64	32.0	6.5
20	65	98	69	34.5	9.2
20	65	98	69	34.5	11.6
26	75	107	80	40.0	7.3
26	75	107	80	40.0	9.4
26	80	117	88	44.0	13.5
26	85	127	98	49.0	18.8
26	80	117	88	44.0	12.4
26	85	127	98	49.0	19.2
26	95	137	110	55.0	27.9
26	95	137	110	55.0	35.2
30	95	137	113	56.5	18.9
30	100	147	116	58.0	26.6
30	110	157	126	63.0	37.5
30	115	167	137	68.5	50.8



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.

Caution