

## Expanded Series

## Conveyor Sprocket for S Rollers



## ● Order No. Example

**K5100S 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
K3075S	75	15.9	16.1
K3100S	100		
K5075S	75	22.2	22
K5100S	100		
K5150S	150	29	30
K10100S	100		
K10150S	150		

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
K3075S	6	150	158	12	S1	20	50	73	57	28.5	3.0
	8	196	206			20	55	83	62	31	4.8
	10	242.7	252			20	60	93	67	33.5	7.1
	12	289.8	299			20	60	93	67	33.5	9.0
K3100S	6	200	210	12	S1	20	55	83	62	31	4.9
	8	261.3	269			20	60	93	67	33.5	7.8
	10	323.6	333			20	65	98	72	36	11.1
	12	386.4	396			20	65	98	72	36	14.4
K5075S	8	196	209	18	S1	26	75	107	86	43	8.6
	10	242.7	256			26	75	107	86	43	10.9
	12	289.8	303			26	80	117	94	47	15.1
K5100S	6	200	212	18	S2	26	75	107	86	43	8.8
	8	261.3	273			26	75	107	86	43	12.0
	10	323.6	337			26	80	117	94	47	17.4
	12	386.4	400			26	85	127	104	52	24.4
K5150S	6	300	310	18	S2	26	80	117	94	47	15.8
	8	392	405			26	85	127	104	52	24.9
	10	485.4	499			26	95	137	116	58	36.7
	12	579.6	592			26	95	137	116	58	47.8
K10100S	6	200	217	22	S2	30	75	107	90	45	9.8
	8	261.3	279			30	85	127	108	54	17.1
	10	323.6	341			30	95	137	120	60	24.7
	12	386.4	404			30	100	147	123	61.5	32.6
K10150S	6	300	316	22	S2	30	95	137	120	60	22.7
	8	392	409			30	100	147	123	61.5	33.2
	10	485.4	503			30	110	157	133	66.5	47.6
	12	579.6	597			30	115	167	144	72	65.2



Conveyor Sprocket No. and Quantity



Postage

● Same-day shipping ○ 5-day shipping

\* Single order system available

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



Weight limit for single product packaging

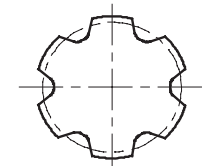
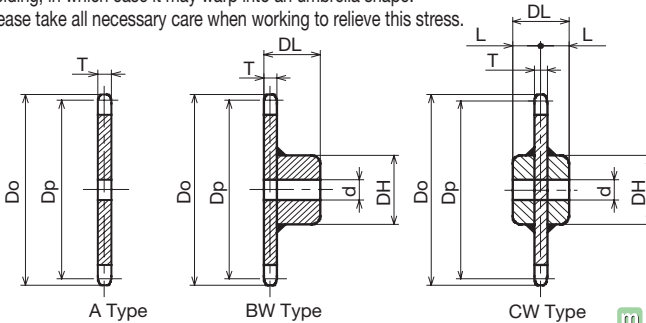
\* Please refer to P24 to P33 for the Semi-F Series &lt;Complete Product&gt; order method.

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

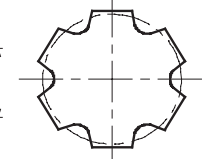


Precautions

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.



Tooth Shape S1



Tooth Shape S2

Carbon Structural Steel

¥			Semi-F ¥		No. of Teeth	Chain No.
● A-type	○ BW-type	○ CW-type	○ BW-type	○ CW-type		
					6	K3075S
					8	
					10	
					12	
					6	K3100S
					8	
					10	
					12	
					8	K5075S
					10	
					12	
					6	K5100S
					8	
					10	
					12	
					6	K5150S
					8	
					10	
					12	
					6	K10100S
					8	
					10	
					12	
					6	K10150S
					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.