

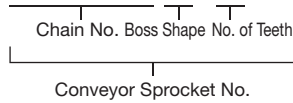
Expanded Series

Conveyor Sprocket for R Rollers



Order No. Example

K5100R B 6



Applicable Conveyor Chain Dimensions

Chain No.	Chain Pitch	Roller Diameter	Roller Link Inner Width
K3075R	75	31.8	16.1
K3100R	100		
K5100R	100	40	22
K5150R	150		
K10100R	100	50.8	30
K10150R	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
K3075R	6	150	158	12	S1	20	50	73	57	28.5	3.0
	8	196	209			20	55	83	62	31	4.8
	10	242.7	259			20	60	93	67	33.5	7.1
	12	289.8	308			20	60	93	67	33.5	9.0
K3100R	6	200	206	12	S2	20	55	83	62	31	4.9
	8	261.3	272		S2	20	60	93	67	33.5	7.8
	10	323.6	336		S1	20	65	98	72	36	11.1
	12	386.4	401		S1	20	65	98	72	36	14.4
K5100R	6	200	205	18	S1	26	75	107	86	43	8.8
	8	261.3	272			26	75	107	86	43	12.0
	10	323.6	340			26	80	117	94	47	17.4
	12	386.4	405			26	85	127	104	52	24.4
K5150R	6	300	304	18	S2	26	80	117	94	47	15.8
	8	392	402			26	85	127	104	52	24.9
	10	485.4	500			26	95	137	116	58	36.7
	12	579.6	596			26	95	137	116	58	47.8
K10100R	6	200	214	22	S1	30	75	107	90	45	9.8
	8	261.3	282			30	85	127	108	54	17.1
	10	323.6	349			30	95	137	120	60	24.7
	12	386.4	414			30	100	147	123	61.5	32.6
K10150R	6	300	309	22	S2	30	95	137	120	60	22.7
	8	392	408		S2	30	100	147	123	61.5	33.2
	10	485.4	506		S2	30	110	157	133	66.5	47.6
	12	579.6	601		S1	30	115	167	144	72	65.2



Order Method

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

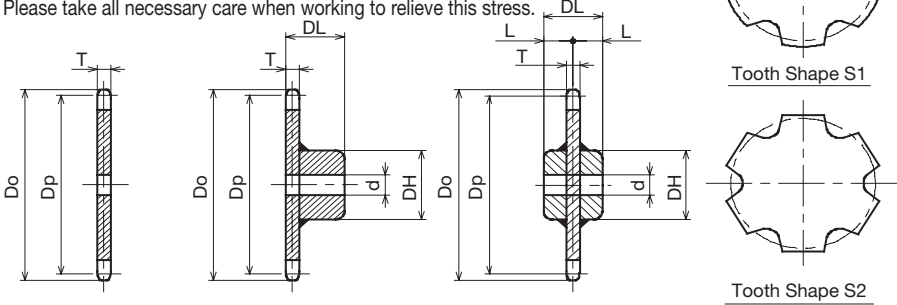
* Please refer to P24 to P33 for the Semi-F Series <Complete Product> order method.

Conveyor Sprocket for R 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.



Carbon Structural Steel

	¥		Semi-F ¥		No. of Teeth	Chain No.
	● A-type	○ BW-type	○ CW-type	○ BW-type		
					6	K3075R
					8	
					10	
					12	
					6	K3100R
					8	
					10	
					12	
					6	K5100R
					8	
					10	
					12	
					6	K5150R
					8	
					10	
					12	
					6	K10100R
					8	
					10	
					12	
					6	K10150R
					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.