

For common applications, TSUBAKI can provide you with an outstanding range of Attachment Chain. The chain is manufactured according to the appropriate European Standards.

Construction

This chain is based on standard BS roller chain and assembled with attachments for conveying.

Key Features

- Due to the small pitch of these chains, the drive design is more compact.
- Usually sprockets with a large number of teeth are used. The chain speed does not vary significantly as the chain engages with sprockets. With less impact, there is also less noise generated as a result of the impact between the roller and sprocket tooth.
- These chains may be used for high speed conveyor applications.
- A wide variety of standard and special attachments are available for this chain series.

Customised Pre-Lubrication Service

Proper lubrication is the key to extend the life and improve the performance of a chain. In order to get the best performance in general applications (-10°C to +60°C), all BS drive chains are pre-lubricated. BS attachment chains however are NOT pre-lubricated, but have been treated with rust preventive oil for protection and therefore need to be lubricated before the chain is installed. The reason TSUBAKI does not pre-lubricate BS attachment chains is due to the fact that attachment chains often have to function in various environments where standard lubrication cannot be used.

For special applications and on customer's requirement, TSUBAKI can provide attachment chains which are pre-lubricated with a special lubricant which include:

- High temperature
- Low temperature
- Food safe
- Outdoor exposure
- Dusty environment

Please consult TSUBAKI for more detailed information.

Application Example

BS Standard attachment chain is used for short conveyor runs (usually less than 10 metres) and for conveying small and reasonably lightweight products. This chain is also suitable for conditions where noise levels need to be kept to a minimum.

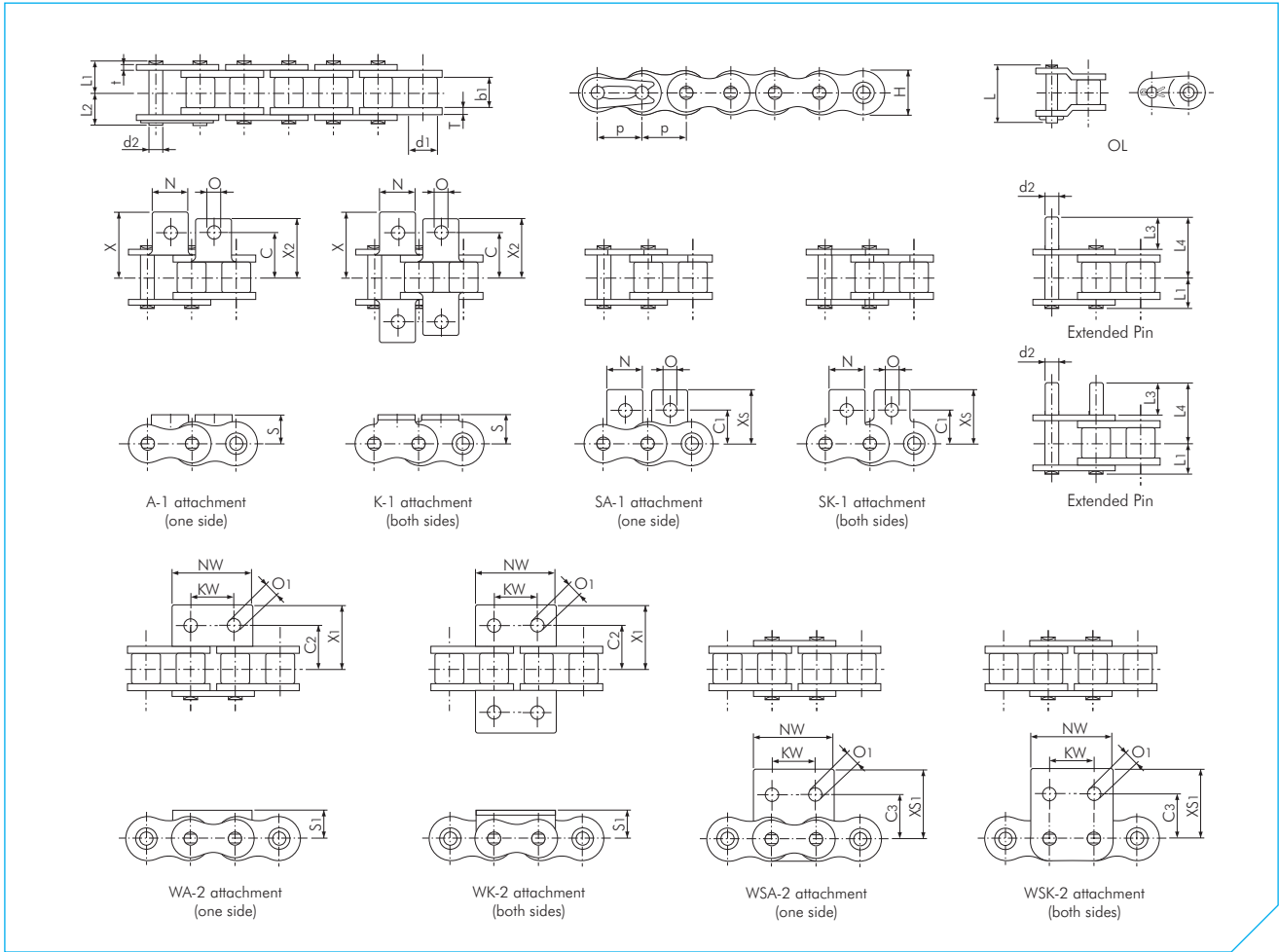
Standard Product Range

The product range for our standard attachment chains is:

- BS Single Pitch Standard chain + standard attachments
- BS Single Pitch RF chain with flat shaped link plates
- ANSI Single Pitch Standard chain + standard attachments
- ANSI Single Pitch HP Hollow Pin chain
- ANSI Single Pitch CU Curved chain
- ANSI Double Pitch Standard chain + standard attachments
- ANSI Double Pitch HP Hollow Pin chain

Special attachments can be designed and manufactured to meet your specific requirements.





BS Single Pitch Standard Chain

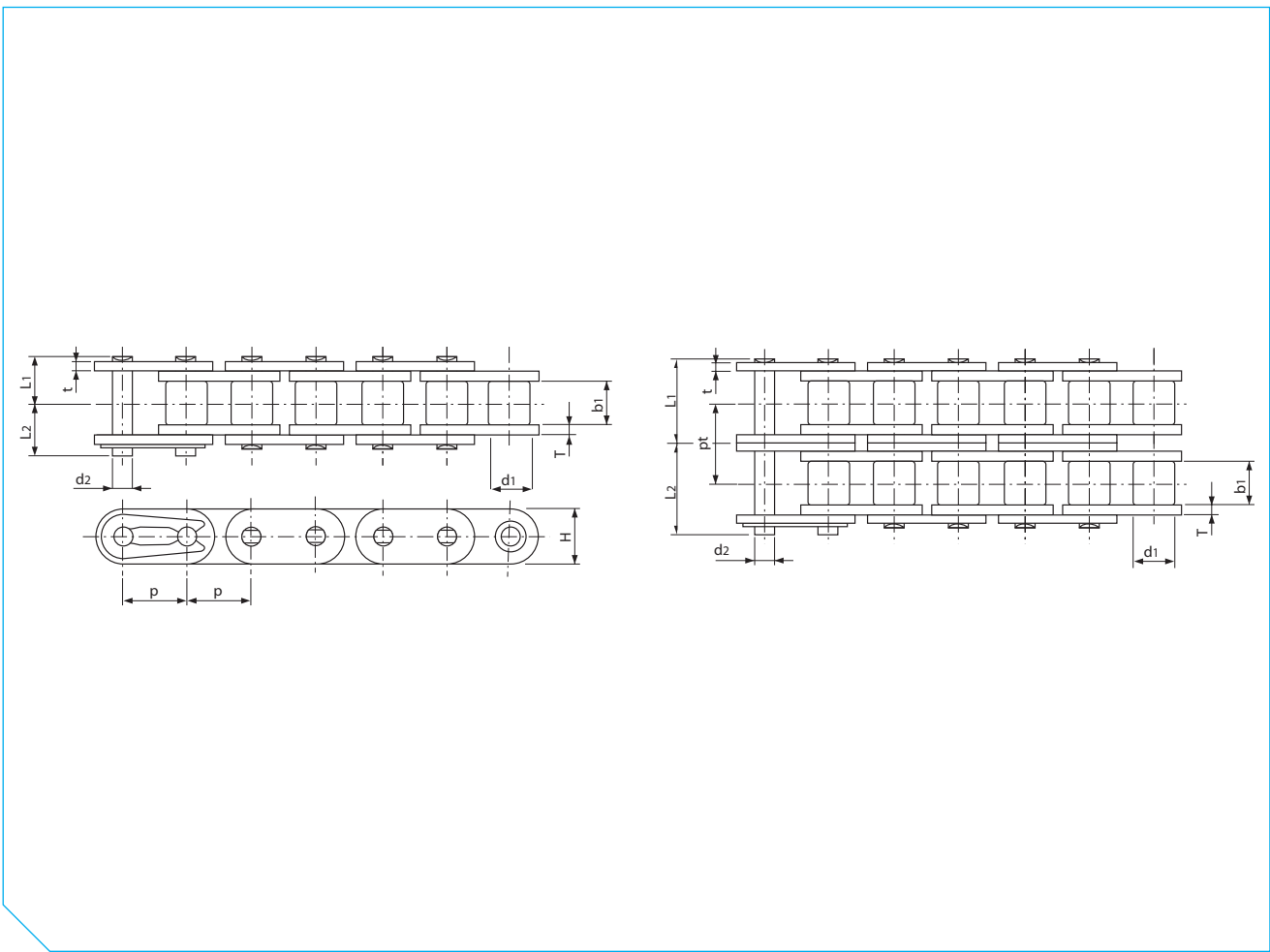
Dimensions in mm

TSUBAKI Chain No.	Pitch p	Roller Diameter d1	Inner Width b1	Pin							Link Plate			Approx. Mass kg/m
				Diameter d2	Length L1	Length L2	Length L3	Length L4	Length L	Thickness T	Thickness t	Height H (max.)		
RF06B	9.525 (3/8")	6.35	5.72	3.27	6.10	7.70	10.90	16.30	15.10	1.30	1.00	8.20	0.39	
RS08B	12.70 (1/2")	8.51	7.75	4.45	8.40	10.00	14.70	22.20	18.60	1.60	1.60	11.80	0.70	
RS10B	15.875 (5/8")	10.16	9.65	5.08	9.55	11.25	17.80	26.15	20.80	1.50	1.50	14.70	0.95	
RS12B	19.05 (3/4")	12.07	11.68	5.72	11.10	13.00	20.80	30.60	24.40	1.80	1.80	16.10	1.25	
RS16B	25.40 (1")	15.88	17.02	8.28	17.75	19.95	33.20	49.35	41.10	4.00	3.20	21.00	2.70	
RS20B	31.75 (1 1/4")	19.05	19.56	10.19	19.90	23.10	38.40	56.90	46.60	4.40	3.40	26.00	3.85	

TSUBAKI Chain No.	Attachment Dimensions																Attachment Mass				
	C	C1	C2	C3	KW	N	NW	O	O1	S	S1	X	X1	X2	XS	XS1	A SA kg/att.	K SK kg/att.	WA WSA kg/att.	WK WSK kg/att.	Ext. Pin kg/att.
RF06B	9.50	9.50	-	-	-	8.50	-	3.50	-	6.5	-	14.10	-	-	14.30	-	0.002	0.004	-	-	0.001
RS08B	11.90	12.70	12.70	13.10	12.70	11.40	24.60	4.20	4.90	8.90	8.90	19.05	20.30	17.15	19.30	20.70	0.002	0.004	0.005	0.010	0.001
RS10B	15.90	15.90	15.90	16.60	15.90	12.70	30.00	5.00	5.00	10.20	10.20	22.25	22.85	20.60	22.90	23.60	0.003	0.006	0.006	0.012	0.002
RS12B	19.05	22.20	17.45	17.60	19.10	16.50	34.80	7.10	5.50	13.50	11.40	29.85	25.65	27.80	32.05	25.75	0.006	0.012	0.009	0.018	0.003
RS16B	23.80	23.90	28.60	26.00	25.40	24.30	46.00	6.70	8.10	15.20	15.90	37.35	39.25	34.40	34.10	36.70	0.014	0.028	0.030	0.060	0.008
RS20B	31.75	31.80	-	-	-	25.40	-	8.70	-	19.80	-	44.85	-	-	44.00	-	0.027	0.054	-	-	0.014

Note:

1. RF06B chain has flat-shaped link plates.



BS Single Pitch RF Chain

Dimensions in mm

TSUBAKI Chain No.	Pitch p	Roller Diameter d1	Inner Width b1	Pin			Link Plate			Transverse Pitch pt	Approx. Mass kg/m
				Diameter d2	Length L1	Length L2	Thickness T	Thickness t	Height H		
RF08B-1	12.70 (1/2")	8.51	7.75	4.45	8.40	10.00	1.60	1.60	12.00	-	0.75
RF08B-2					15.30	16.90				13.92	1.40
RF10B-1	15.875 (5/8")	10.16	9.65	5.08	9.55	11.25	1.50	1.50	14.70	-	1.00
RF10B-2					17.85	19.55				16.59	1.90
RF12B-1	19.05 (3/4")	12.07	11.68	5.72	11.10	13.00	1.80	1.80	16.10	-	1.30
RF12B-2					20.85	22.75				19.46	2.60
RF16B-1	25.40 (1")	15.88	17.02	8.28	17.75	19.95	4.00	3.20	24.00	-	2.80
RF16B-2					33.55	35.75				31.88	5.60

Note:

1. Connecting links are clip type.
2. Intermediate plate of RF08B-2 chain is a solid plate.