



iRiS
chains

SINCE
1935

Side bow chains

The basic dimensions of these chains are the same as those of standard roller chains. Side bow chains are capable of running in curves

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Side bow chains are capable of running and carrying materials on curved conveyor tracks. They meet the same basic dimensions as those of standard chains, except for a wider clearance between the pin and the bush that allows the chain to bow even on very narrow angles. Guides are required in all curved areas.

Side bow chains can be supplied with special lubricants or special coatings, or fitted with bent attachments or extended pins. Various types of attachments for a wide variety of applications can be manufactured upon request.

SERVICES

Many references **available in stock**

Corrosion-resistant versions available

(nickel-plated, delta tone, stainless steel)

Specific product on request

(Ex: enlarged bush inner diameter or transport rollers)

Matched pairs on request for chains working in parallel

Chains of any length

Technical assistance

ISO SERIES

		Pitch	Roller diameter	width between plates	Pin diameter	Pin length		Inner Plate depth	Plate thickness	Side bow radius	min. Tensile strength	Weight per meter
DIN/ISO No.	Material	P mm	d1 max mm	b1 max mm	d2 max mm	L max mm	Lc max KN	L2 max KN	t/T max KN	R min mm	Q min KN	q kg/m
8B-1 SB	CS, DT, SS	12,700	8,51	7,75	3,96	16,4	19,0	11,8	1,6	400	14,00	0,70
10B-1 SB	CS, DT, SS	15,875	10,16	9,65	4,50	20,1	21,2	14,7	1,7	400	15,60	0,93
12B-1 SB	CS, DT, SS	19,050	12,07	11,68	5,08	23,1	25,2	16	1,9	500	20,50	1,16
16B-1 SB	CS, DT, SS	25,400	15,88	17,02	7,90	36,5	39,7	21	3,7/3,0	600	55,60	2,53

ASA SERIES

		Pitch	Roller diameter	width between plates	Pin diameter	Pin length		Inner Plate depth	Plate thickness	Side bow radius	min. Tensile strength	Weight per meter
DIN/ISO No.	Material	P mm	d1 max mm	b1 max mm	d2 max mm	L max mm	Lc max KN	L2 max KN	t/T max KN	R min mm	Q min KN	q kg/m
40 SB	CS, DT, SS	12,700	7,95	7,85	3,96	16,90	18,10	11,70	1,50	320	13,80	0,80
43 SB	CS, DT, SS	12,700	7,95	7,85	3,45	18,30	19,50	11,70	1,50	305	12,00	0,64
50 SB	CS, DT, SS	15,875	10,16	9,40	4,37	20,70	22,70	14,90	2,03	400	20,60	1,09
60 SB	CS, DT, SS	19,050	11,91	12,57	5,34	26,60	28,40	18,00	2,42	500	15,70	1,54
63 SB	CS, DT, SS	19,050	11,91	12,68	5,08	28,80	30,60	17,20	2,42/2,03	350	12,50	1,40
80 SB	CS, DT, SS	25,400	15,88	15,75	7,19	34,00	37,30	24,00	3,25	711	40,90	2,60

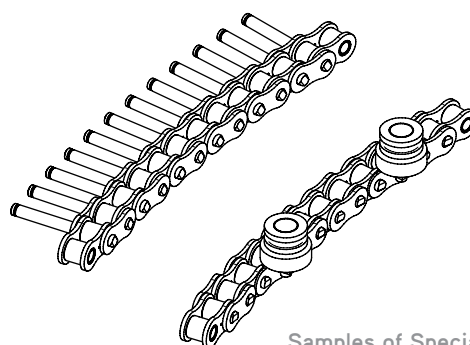
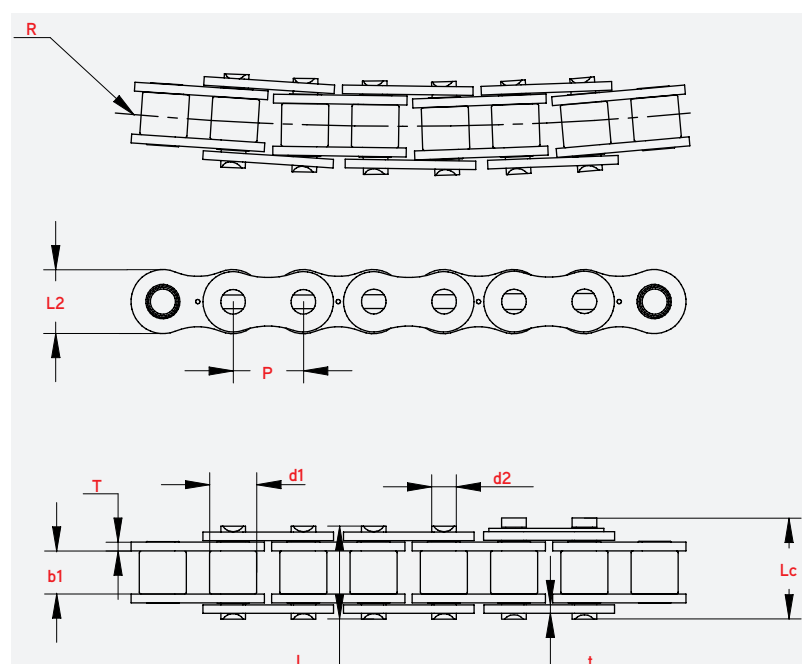
ASA SERIES-DOUBLE PITCH

C2050	CS, SS	31,750	10,16	9,40	5,08	21,30	22,60	15,00	2,03	800	21,80	0,84
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CS CARBON STEEL

DT DELTA-TONE

SS STAINLESS STEEL



Samples of Special side bow chains