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Radial power bend chains for synthetic belt bend applications

iwis power bend chains for synthetic belt bend applications offer the best solution for radial synthetic belt bend applications, with minimal radii. All chains are manufactured with iwis' premium precision ANSI side-bow roller chains which have a **unique tapered pin** and **chain link design**.

Belts are driven by attaching the outer radius to the chain via a stud and O-ring. This system can also incorporate a bearing, thus further reducing friction in the system. All tension is transferred into the chain rather than the belt ensuring optimum product stability, transfer and pattern retention during conveyance.

Application areas:

Bakery, packaging and general conveying applications, where **additional tensile capacity and operational durability** is required.

Product program:

- Available in 3 sizes: ASA 40 / ASA 50 / ASA 60
- Available in carbon steel with bearings
- Available in nickel-plated finish with stainless steel bearings or studs for wash-down applications



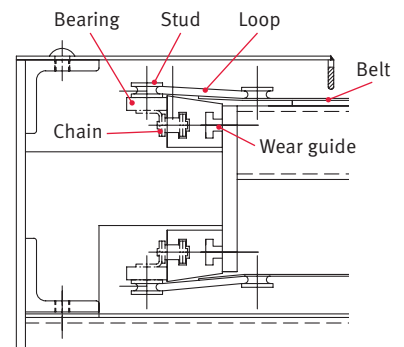
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Pictures Courtesy of Hiley Engineering Ltd

Chain options

Ref. no. iwis	Pitch p (mm)	a_1 (mm)	Outer width		Minimum radius R (mm)	Breaking strength iwis F_b (N)	Max. permissible chain pull power		Connecting links available
			a (mm)				Continuous (N)	Transient (N)	
L 85 A-SB	12,7	16,8	17,8	425	10.000	600	1500	0,65	2, 4, 8
M 106 A-SB	15,875	21,0	22,3	500	18.000	900	2500	1,00	2, 4, 8
M 128 A-SB	19,05	26,3	27,7	750	26.000	1200	3700	1,50	2, 4, 8



Our standard option for L85 ASB C/W 202.1 attachment every 6th pitch and bearing or belt loop stud in either carbon steel or nickel plate is available from stock. Other options are available upon request and can be tailored to suit your application.

iwis drive systems Ltd.

Unit 8c Bloomfield Park, Bloomfield Road, Tipton, West Midlands DY4 9AP
Tel: 0121 521 3600 Fax: 0121 520 0822 email: salesuk@iwis.com

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