

IMPERIAL CONVEYOR CHAIN



KÖBO

The Chain People

The manufacturer & supplier of **CONVEYOR CHAIN AND WHEELS**



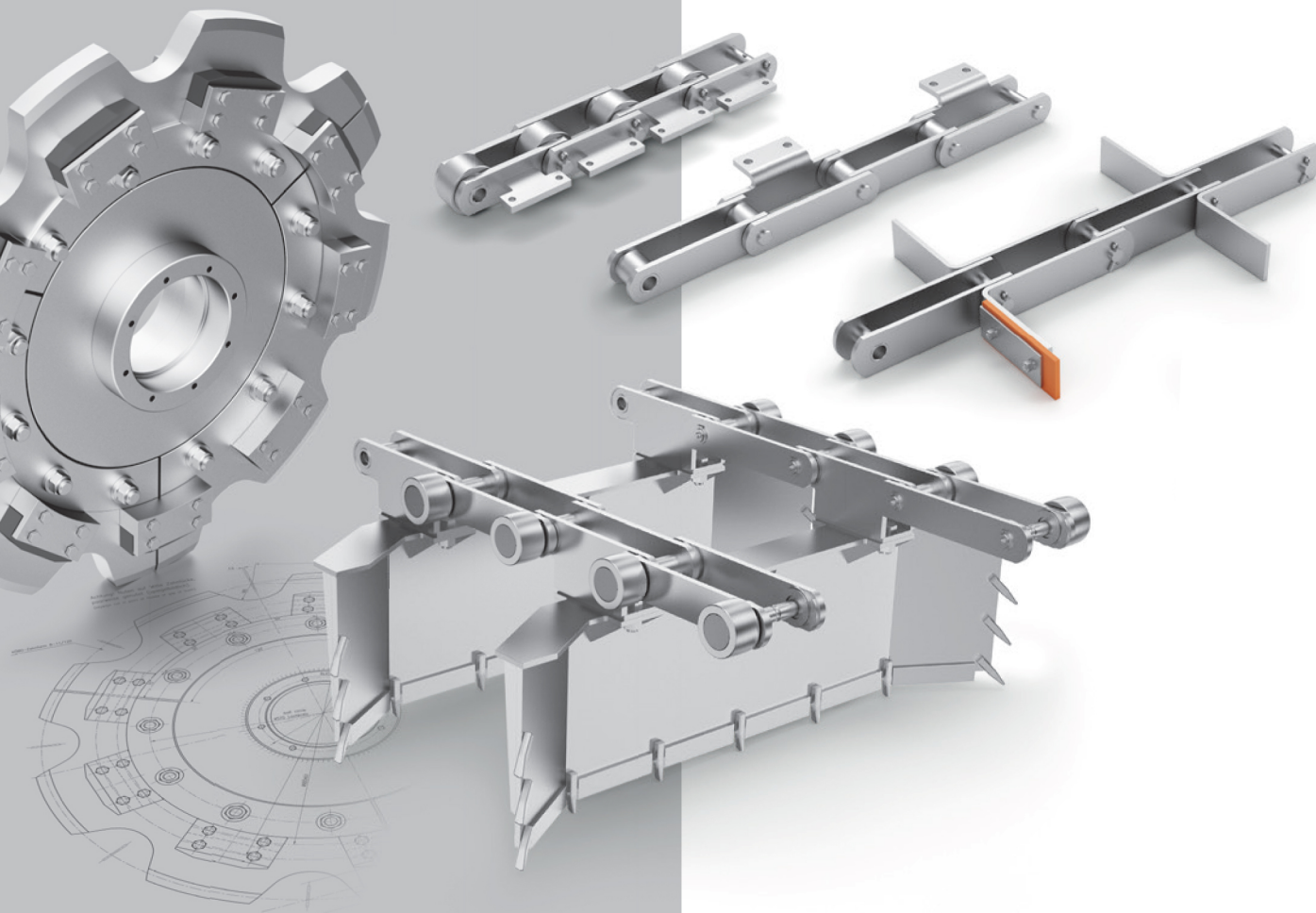


FOR MORE THAN
120 YEARS,

HAND IN HAND FOR SUCCESS.

KÖBO manufacture products which will only work if all parts mesh with each other and that is why we know how important a good relationship is with customers. We consider close ties with customer as a major criteria for joint success. Every project is important to us. We always want to meet and exceed requirements and expectations. In doing so, we attach great importance to long-term relationships and not just one time success.

THE RESULT: We have been partnering the majority of our major customers for many years, working together towards technical developments with a passion.





FOR US, PROGRESS HAS
A LONG TRADITION

PARTNERSHIP AND PRODUCTION.

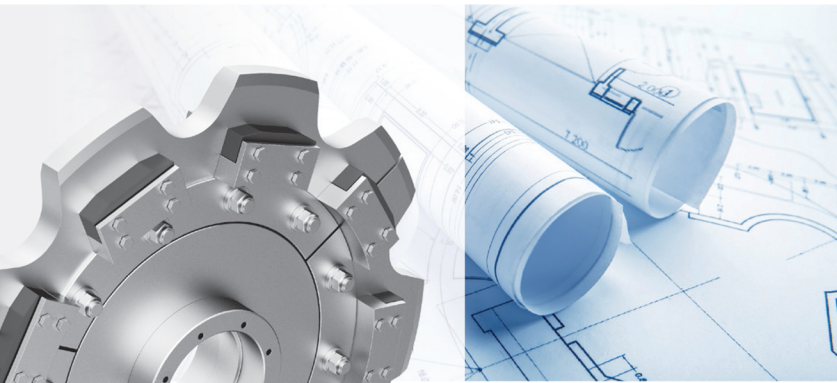
As The Chain People we know what will be important: We ensure KÖBO's consistently high quality by means of our certified management and production processes according to DIN EN ISO 9001. KÖBO takes an active part in the German Standards Committee as well as in the international manufacturing of standards – and is thus always up to date.

MEETING REQUIREMENTS. EXCEEDING EXPECTATIONS.

Our production offers an in-depth capacity that has no equal. In addition to chains and sprockets, we construct mounting parts, rollers or buckets, pan conveyor chains, and components for specific applications precisely according to the technical specifications of our customers. Our production uses state-of-the-art technologies:

- mechanical processing with up-to-date CNC technology
- state-of-the-art stamping technology for realizing lowest tolerance
- thermal processing for special hardening and coating
- hydraulic high-tech assembly
- reliable final check
- laser cutting > 25mm

Our aspiration of meeting requirements and exceeding expectations makes KÖBO and its top service one of a kind. How may we support you?



HARD FACTS FOR A BETTER PERFORMANCE.

Chains and sprockets belong together. A chain can only be as good as the sprocket. The quality of the sprockets is critical to the complete drive system.

Therefore, KÖBO offers different types and shapes of sprockets for almost all applications. Flexibility in operations and special materials, e.g. stainless steel, for special requirements and high-end manufacturing processes like inductive hardening of teeth, are decisive for custom-made solutions.

Sprocket with detachable tooth segment in noise reduction execution

Drive sprocket



Split sprocket



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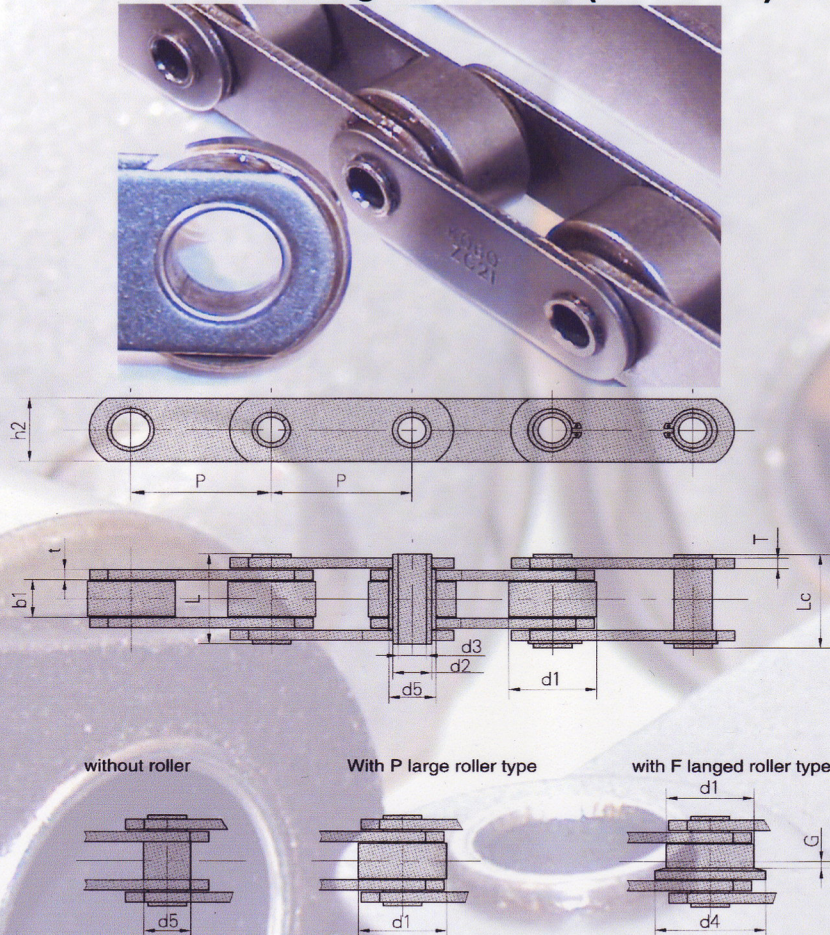
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IMPERIAL CONVEYOR CHAIN

Hollow Bearing Pin Chains (ZC Series)



KÖBO Chain No	Chain Pitch							Roller Ø		Centre Distance to Flange	Bush Ø
	P							d1	d4	G	d5
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
ZC21	38.1	50.8	63.5	76.2				25.4			11
ZC40	50.80	63.50	76.20	88.90	101.60	127.00	152.40	31.75	40.00	2.50	17.00
ZC60	76.20	88.90	101.60	127.00	152.40	177.80	203.20	47.50	60.00	3.50	23.00
ZC150	101.60	127.00	152.40	177.80	203.20	228.60	254.00	66.70	82.00	4.00	33.00
ZC300	152.40	177.80	203.20	254.00	304.80			88.90	114.00	8.50	38.00

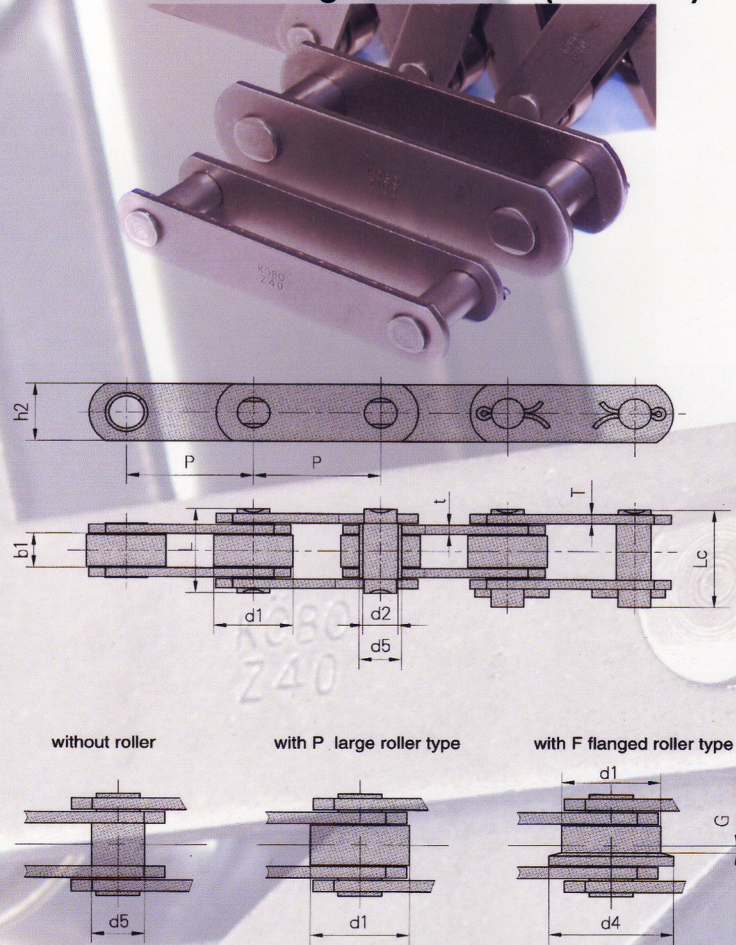
KÖBO Chain No	Distance Between Inner Plates	Pin Diameter		Pin Length		Plate Depth	Plate Thickness		Breaking Load	
	b1	d2	d3	L	Lc	h2	t / T		Q	
	mm	mm	mm	mm	mm	mm	mm		k/N	lb
ZC21	12.70	9.00	6.50	26.00	27.50	18.00	2.50		21.00	4772.00
ZC40	15.00	14.00	10.20	36.40	37.70	25.00	4.00		50.00	11362.00
ZC60	19.00	19.00	13.20	45.00	46.00	40.00	5.00 / 4.00		120.00	27270.00
ZC150	26.00	26.90	20.20	58.00	60.50	50.00	7.00 / 5.00		190.00	43177.00
ZC300	38.00	32.00	23.10	83.00	85.00	60.00	10.00 / 8.00		380.00	86362.00

Cast Iron & Steel sprockets available from stock 8,10,12 teeth other sizes are available on request.
Finished bores and re-work to order.



IMPERIAL CONVEYOR CHAIN

Solid Bearing Pin Chains (Z Series)



KÖBO Chain No	Chain Pitch							Roller Ø		Centre Distance to Flange	Bush Ø
	P							d1	d4	G	d5
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
Z40	50.80	63.50	76.20	88.90	101.60	127.00	152.40	31.75	40.00	2.50	17.00
Z100	76.20	88.90	101.60	127.00	152.40	177.80	203.20	47.50	60.00	3.50	23.00
Z160	101.60	127.00	152.40	177.80	203.20	228.60	254.00	66.70	82.00	3.50	33.00
Z300	152.40	177.80	203.20	254.00	304.80			88.90	114.00	8.50	38.00

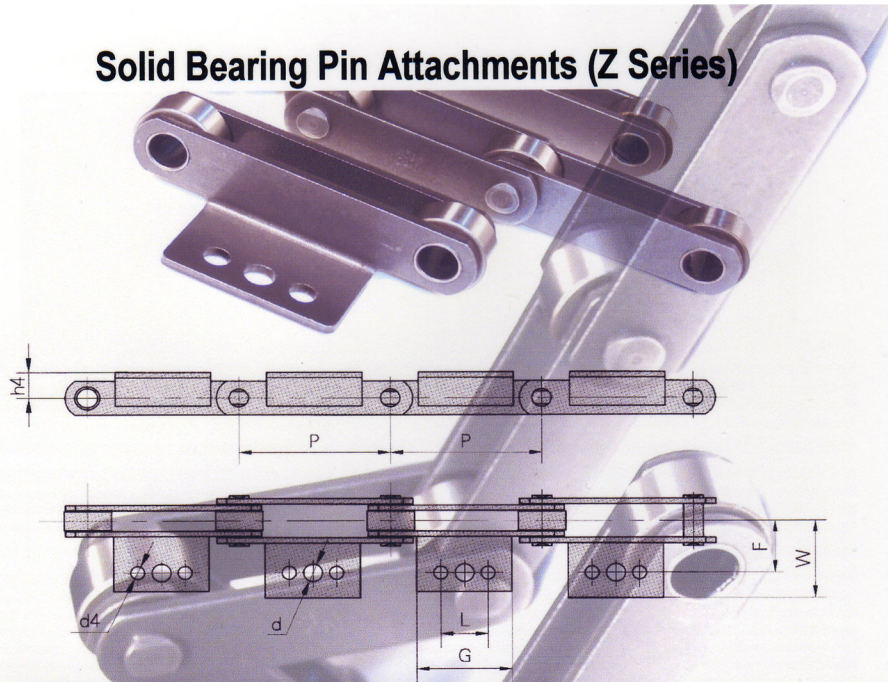
KÖBO Chain No		Distance Between Inner Plates	Pin Diameter	Plate Depth	Pin Length		Plate Thickness		Breaking Load	
		mm	mm	mm	mm	mm	mm		Q	
		b1	d2	h2	L	Lc	t / T		k/N	lb
Z40		15.00	14.00	25.00	37.00	40.50	4.00		50.00	11362.00
Z100		19.00	19.00	40.00	45.00	50.50	5.00 / 4.00		130.00	29540.00
Z160		26.00	26.90	50.00	58.00	63.50	7.00 / 5.00		200.00	45454.00
Z300		38.00	32.00	60.00	84.00	94.00	10.00 / 8.00		380.00	86362.00

Cast Iron & Steel sprockets available from stock 8,10,12 teeth other sizes are available on request.
Finished bores and re-work to order.



IMPERIAL CONVEYOR CHAIN

Solid Bearing Pin Attachments (Z Series)



KÖBO Chain No		P	L	G	d	d4	F	W	h4
		mm	mm	mm	mm	mm	mm	mm	mm
Z40	□	50.80	*	45.00	10.7	*	38.10	64.50	19.00
	□	63.50	22.20	43.00		9.30		56.00	
	▲	76.20		68.00					
	▲	88.90	31.80	50.00				56.00	
	■	101.60		64.00				55.00	
	■	127.00	57.20	84.00				56.00	
	■	152.40							
Z100	□	76.20	*	30	14.00	*	44.50	65.00	32.00
	□	88.90		57.20		10.50			
	■	101.60	64.00						
	□ ▲	127.00	84.00						
	■	152.40	114.50						
	□ ▲	177.80	80	110.00					
	□ ▲	203.20		110.00					
Z160	□	101.60	*	35.00	15.50	*	54.00	77.00	38.00
	□ ▲	127.00	31.70	56.00		12.3			
	□ ▲	152.40		57.20					
	□ ▲	177.80	100.00						
	□ ▲	203.20		150.00					
	□ ▲	228.60		170.00					
	□ ▲	254.00		135.00					
Z300	□	152.40	38.10	70.00	17.00	14.00	73.00	100.00	51.00
	□	177.80		70.00					
	□ ▲	203.20	76.20	100.00					
	□ ▲	254.00	90.00	152.40					
	□ ▲	304.80	190.00	225.00					

□ attachments with 1 hole

▲ attachments with 2 holes

■ attachments with 3 holes



MEETING REQUIREMENTS, EXCEEDING EXPECTATIONS

KÖBO

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