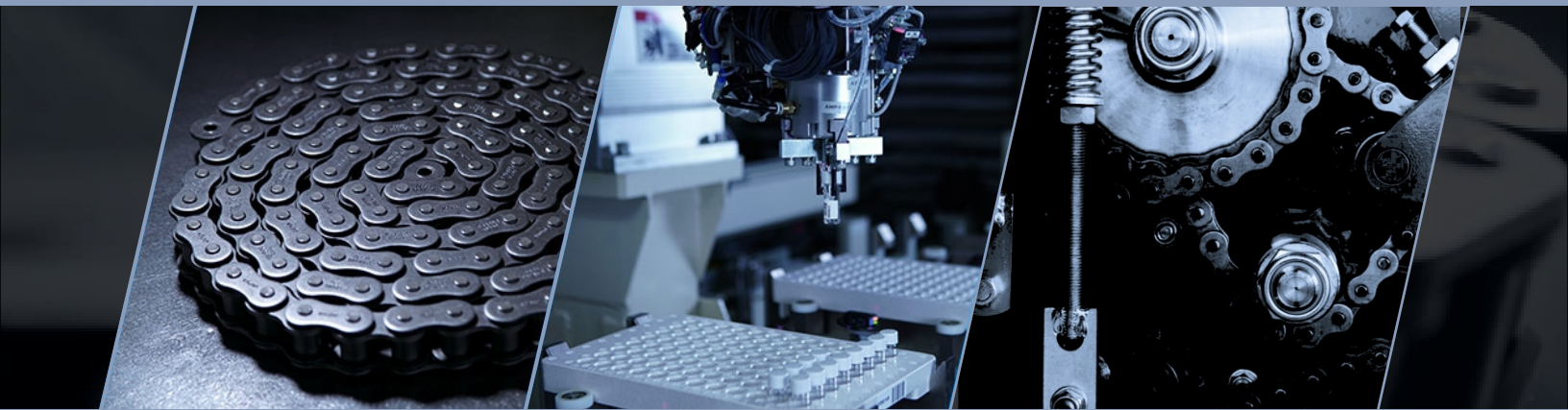




THE ULTIMATE QUALITY OF INTERNATIONAL STANDARD



specialist in Industrial Chains,
Agriculture and Conveyor Chains

IS : 2403 : 2014



CML: 9700223933





Advanced Technologies (India) was established more than two decades ago at Ludhiana by Sh. Anil Bedi and Sh. Pawan Bedi with their vision, hard work and extraordinary managerial parts and established his empire throughout India and abroad. Advance Technologies (India) manufacturer and Exporters of all kinds of Industrial Chains, including Motor Cycle, Agricultural Machinery, Sugar, Oil Mill, Escalators, Oil fields, Conveyer Chains in Ludhiana Punjab state (India), has grown into a renowned business house today.

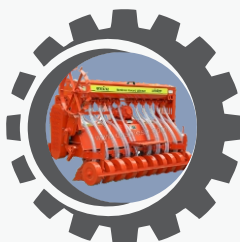
The group is actively involved in the International scene of manufacturing and export. "Bedico" Group and "BTX" brand holds the conviction that managerial rationalization: cost reduction and product development upgrading are the best means of assuring the continued growth and prosperity.

The Strength of **Advanced Technologies (India)** is based on Skills and professionalism of its staff, expert technical staff ensuring high quality consciousness, checking all products periodically and automation of export department likewise plays an important role in providing prompt information with research and development and main manufacturing plants in Ludhiana, Punjab State (India).

Our Group holding brand BTX guarantees a professional and efficient service pursuing a policy of quality first, service superior.

The Company utilizes automated machinery and equipment to maintain the highest standards of uniform quality. Expert technicians monitor the production process to ensures high quality international standards, care is taken at every step for timely delivery and customer satisfaction at the most competitive prices.

specialist in Industrial Chains, Agriculture and Conveyor Chain



INFRASTRUCTURE

We have constructed a well-developed infrastructure that is equipped with all the state-of-art machines and equipment. Our infrastructure is segregated into various departments like an advanced production facility, testing laboratory, Research and Development Unit, and a spacious warehouse.

Which enable us to manufacture and supply a wide range of premium quality goods. We have equipped our manufacturing unit with the latest machines, testing laboratory. And R&D unit improved contemporary machinery, robust construction, and these machines are operated by our most efficient and skilled professionals.

We have a modern infrastructure set up. And, our unit is well connected with shipment modes that enable us to. Our set up also has a large warehouse that enables our persons to store the bulk quantity of products and though meets the needs of the customers. Our sections are :

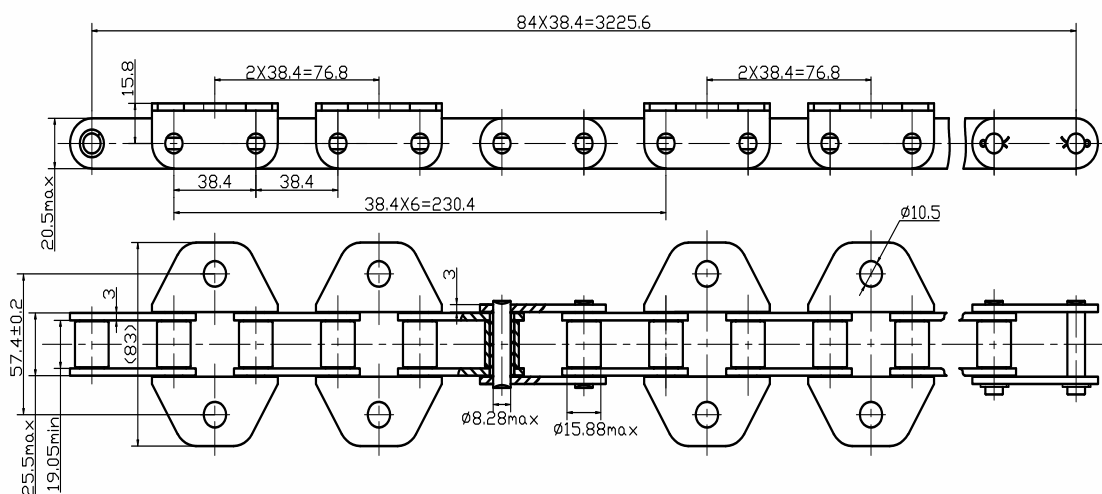
- ↻ Manufacturing
- ↻ Quality controlling
- ↻ Warehousing & packaging
- ↻ Logistic
- ↻ Administrative

Our Manufacturing Units



HARVESTOR FEEDER ASSEMBLY

ASSEMBLY

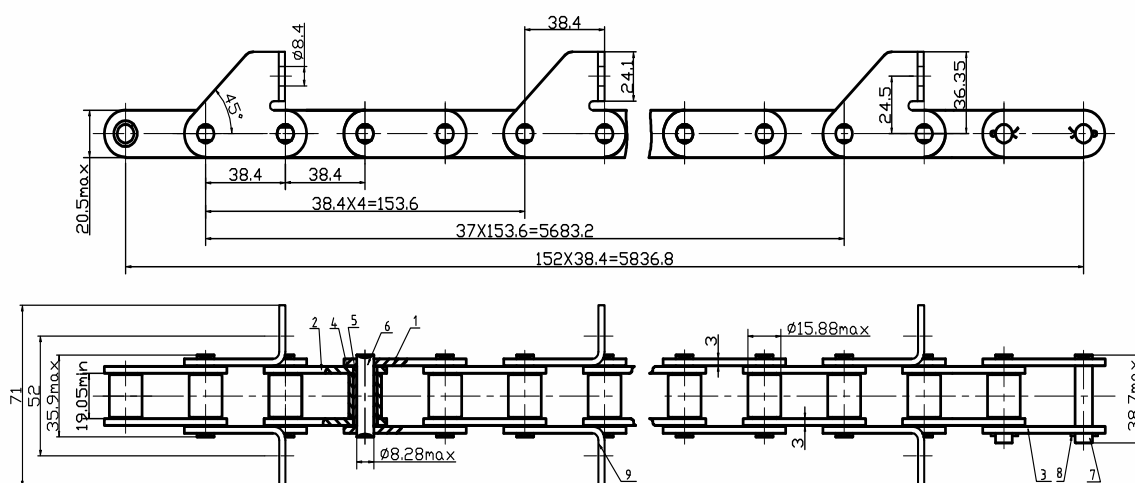


CLAAS FEEDER HARVESTOR ASSEMBLY

Chain No.	Pitch	Tensile Strength	Roller Diameter	Width between inner plates	Pin diameter	Pin length	Plate Width	Plate thickness
CA 624 K221 /2 L	38.4	50 kn	15.88	19.05	8.28	35.9	20.5	3
CA 624 K221 /2*4 L	38.4	50 kn	15.88	19.05	8.28	35.9	20.5	3
CA 624 K221 /4 L	38.4	50 kn	15.88	19.05	8.28	35.9	20.5	3
CA 624 K221 /6 L	38.4	50 kn	15.88	19.05	8.28	35.9	20.5	3
CA 624 K221 /6 L	38.4	30 kn	15.75	19.05	6.92	32.5	17	2.4

HARVESTOR ELEVATOR ASSEMBLY

ASSEMBLY

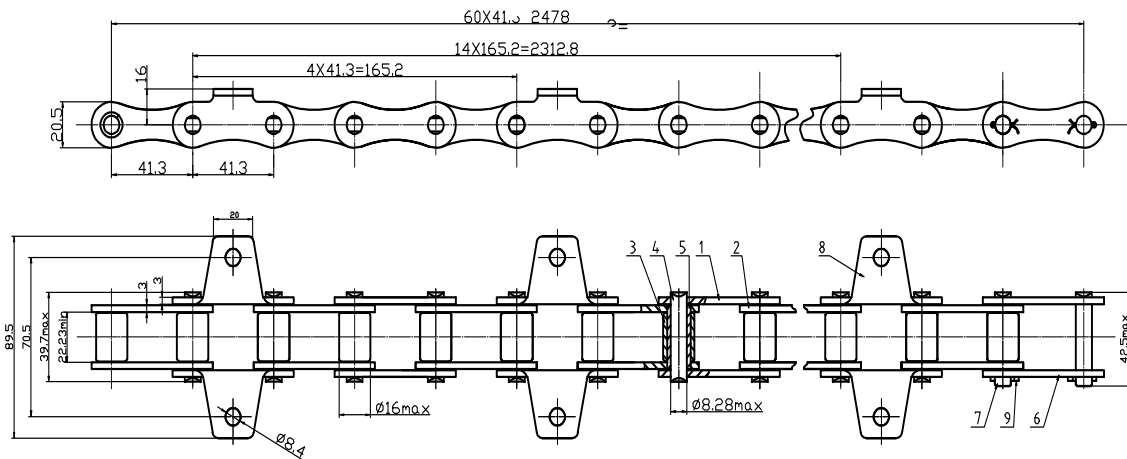


CLAAS ELEVATOR HARVESTOR ASSEMBLY

Chain No.	Pitch	Tensile Strength	Roller Diameter	Width between inner plates	Pin diameter	Pin length	Plate Width	Plate thickness
CA 624 F 45 / 4L	38.4	50 kn	15.88	19.05	8.28	35.9	20.5	3
CLASS 2.4	38.4	30.50 kn	15.75	19.05	6.95	32.70	17.00	2.40

HARVESTOR FEEDER ASSEMBLY

ASSEMBLY

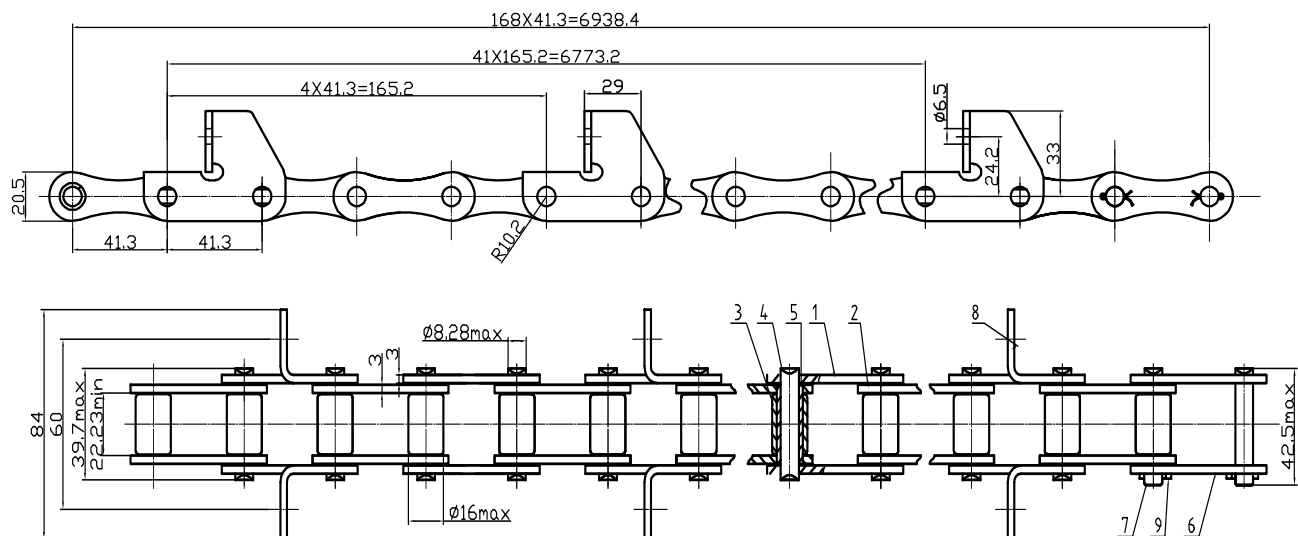


GDR FEEDER HARVESTOR ASSEMBLY

Chain No.	Pitch	Tensile Strength	Roller Diameter	Width between inner plates	Pin diameter	Pin length	Plate Width	Plate thickness
CA 624 K221 x 2 L	41.3	50 kn	16	22.23	8.28	39.70	20.5	3
CA 624 K221 x 2*4 L	41.3	50 kn	16	22.23	8.28	39.70	20.5	3
CA 624 K221 x 4 L	41.3	50 kn	16	22.23	8.28	39.70	20.5	3
CA 624 K221 x 6 L	41.3	50 kn	16	22.23	8.28	39.70	20.5	3
CA 624 K221 x 6 L	41.3	50 kn	16	22.23	8.28	39.70	20.5	3

HARVESTOR ELEVATOR ASSEMBLY

ASSEMBLY



GDR ELEVATOR HARVESTOR ASSEMBLY

Chain No.	Pitch	Tensile Strength	Roller Diameter	Width between inner plates	Pin diameter	Pin length	Plate Width	Plate thickness
S 413 F2 x 4L	41.3	50 kn	8.28	22.23	8.28	39.70	20.5	3

GDR PITCH ELEVATOR ASSEMBLY

Sonalika / STD. Combine / STD Agri	150 / 143 Links	37 / 36 Pad
STD. Combine N/M, Kartar	151 / 145 Links	37 / 36 Pad
Balkar / STD. Combine	144 / 144 Links	36 / 36 Pad
Standard. Agriculture	155 / 139 Links	38 / 34 Pad
Swaraj O/M	160 / 144 Links	40 / 36 Pad
Swaraj New 8100 / Standard Combine TSC 513	160 / 152 Links	40 / 38 Pad
Preet 649 Tractor Combine	152 / 146 Links	38 / 36 Pad
GDR Type	152 / 152 Links	38 / 38 Pad
STD. - S-390 / SWARAJ 8100	160 / 160 Links	40 / 40 Pad
STD. Agri (New) S-390 Tractor Mounted	148 / 137 Links	37 / 34 Pad

CLAAS PITCH ELEVATOR ASSEMBLY

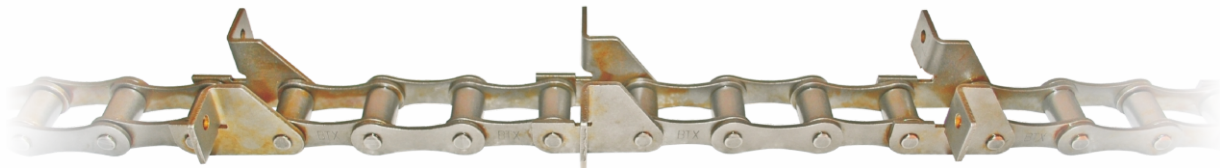
CROP TIGER TRACK	152 / 152 Links	38 / 38 Pad
CROP TIGER WHEEL	160 / 160 Links	42 / 42 Pad

Elevator ASSEMBLY G.D.R.

CA413 F5/4Lx144L	36 pads
CA413 F5/4Lx152L	38 pads
CA413 F5/4Lx160L	40pads
CA413 F5/4Lx168L	42pads

Elevator ASSEMBLY CLAAS

CA39F45/4Lx152L	38 pads
CA39F45/4Lx160L	40 pads
CA39F45/4Lx168L	42 pads



FEEDER ASSEMBLY CLAAS

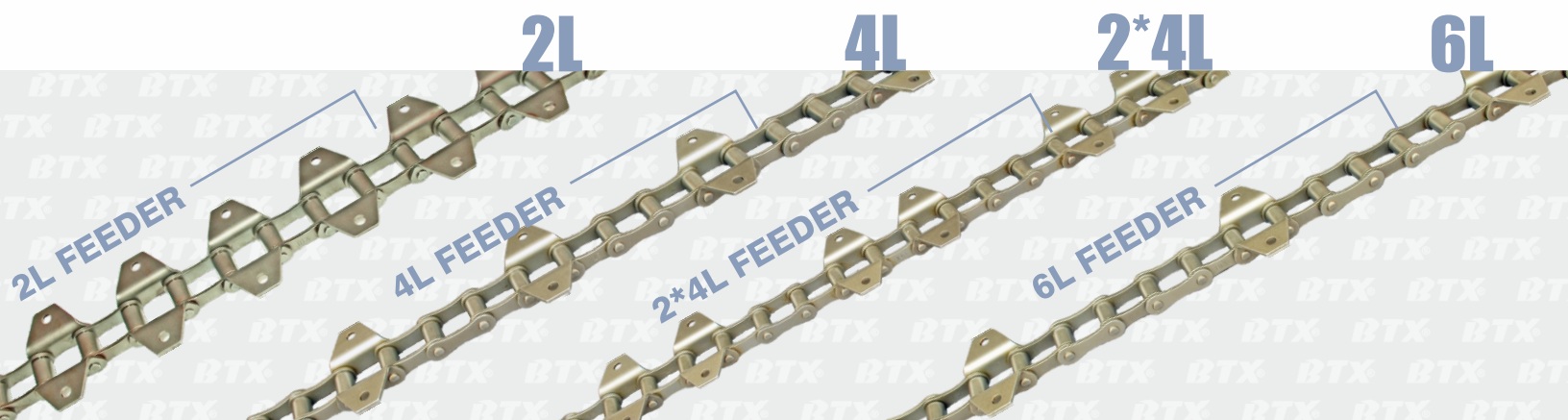
CA624K90/4Lx84L	21 x 4 x 42	BHARAT, DHIMAN
CA624K90/2Lx84L		
CA624K90/6Lx78L	13 x 6 x 26	HIRA O/M, Crop Tiger Track, Crop Tiger Wheel
CA624K90/2*4Lx78L		
CA624K90/6Lx84L	14 x 6 x 28	CLAAS
CA624K90/2*4Lx84L		



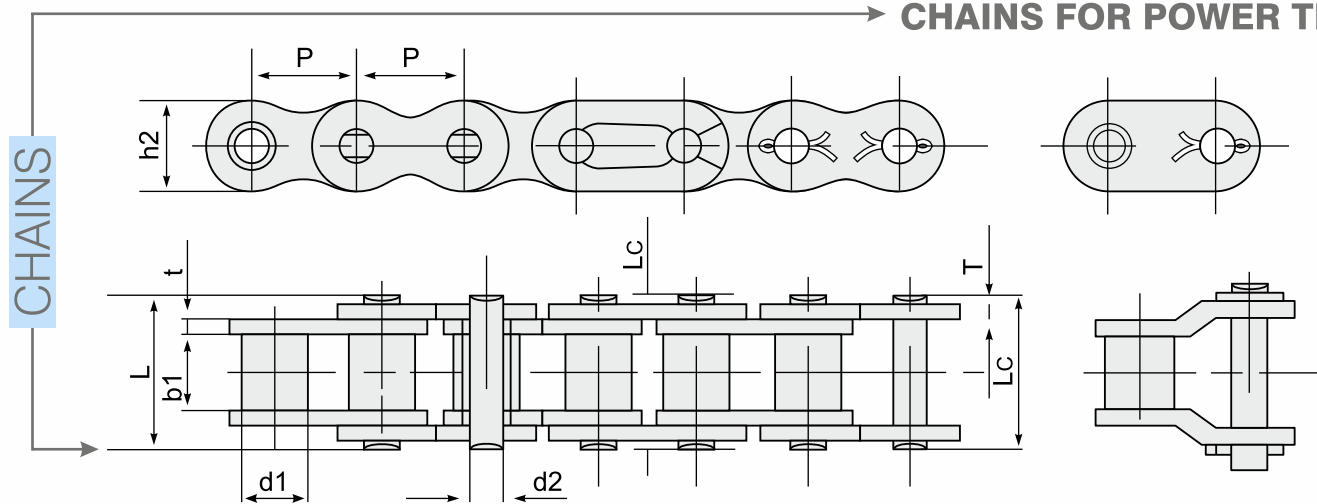
HARVESTOR FEEDER ASSEMBLY

FEEDER ASSEMBLY G.D.R

CA413V K221/4Lx74L	2 Pcs	18 x 4 x 36	PREET 649, KARTAR
CA413V K221/2Lx74L	1 Pcs		
CA413V K221/4Lx84L	2 Pcs	21 x 4 x 42	SWARAJ O/M, GDR, E-614, ESPI-614, GURU NANAK
CA413V K221/2Lx84L	1 Pcs		
CA413V K221/4Lx78L	2 Pcs	19 x 4 x 38	MALKIT, HIND, HIRA N/M, MATHROO, MS
CA413V K221/2Lx78L	1 Pcs		
CA413V K221/4Lx76L	2 Pcs	19 x 4 x 38	VISHAL, DEV
CA413V K221/2Lx76L	1 Pcs		
CA413V /221/4Lx56L	2 Pcs	14 x 4 x 28	BALKAR (B-525NS / B525SS)
CA413V K221/2Lx56L	1 Pcs		
CA413V K221/6Lx60L	2 Pcs	10 x 6 x 20	STANDARD O/M, SONALIKA, KARTAR
CA413V K221/2L*4Lx60L	1 Pcs		
CA413V K221/6Lx66L	2 Pcs	11 x 6 x 22	STANDARD BS, STANDARD N/M, STD AGRI
CA413V K221/2*4Lx66L	1 Pcs		
CA413V K221/4Lx52L	2 Pcs	13 x 4 x 26	BALKAR (B-525NS / B525SS),
CA413V K221/2Lx52L	1 Pcs		
CA413V K221/4Lx60L	2 Pcs	15 x 4 x 30	DASHMESH 912 / 913, FRIENDS, BALKAR (B-525NS / B525SS), KARTAR Tractor Mounted
CA413V K221/2Lx60L	1 Pcs		
CA413V K221/6Lx84L	2 Pcs	14 x 6 x 28	HIRA O/M
CA413V K221/2*4Lx84L	1 Pcs		
CA413V K221/4Lx88L	2 Pcs	22 x 4 x 44	SWARAJ 8100
CA413V K221/2Lx88L	1 Pcs		



CHAINS FOR POWER TILLER



ROTAVATOR CHAINS

BA-008	CHAIN R-100 H (1.1/4 INCH PITCH)	36 LINKS
BA-009	CHAIN R-100 H (1.1/4 INCH PITCH)	38 LINKS
BA-010	ROTAVATOR CHAIN (1.1/2 INCH PITCH)	38 LINKS

POWER TILLER CHAINS

BA-011	ROTARY CHAIN FOR MISTUBUSHI VST (HD-19)	50 LINKS
BA-012	ROTARY CHAIN FOR KABOTA (HD-19)	52 LINKS
BA-013	CLUTCH CHAIN FOR MITSUBISHI VST (10 A-1)	48 LINKS
BA-014	ROTARY CHAIN FOR (GREAVES/DONGFING ENGINE) (12 AH-2)	50 LINKS
BA-015	ROTARY CHAIN FOR CEEFONG (12 A-2)	50 LINKS
BA-016	CLUTCH CHAIN FOR CHINESE POWER TILLER (08 B-2)	52 LINKS
BA-017	CLUTCH CHAIN FOR CHINESE POWER TILLER (08 B-2)	64 LINKS

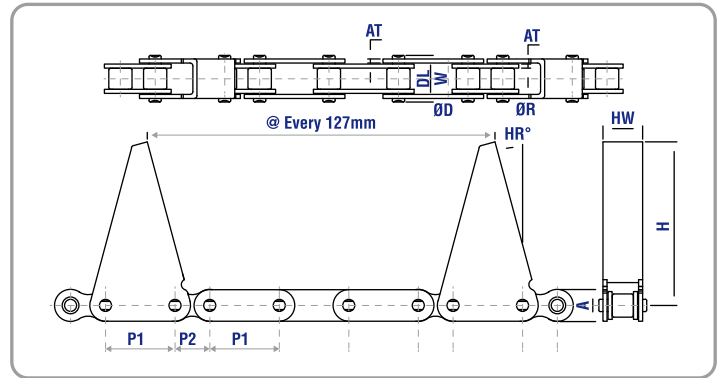
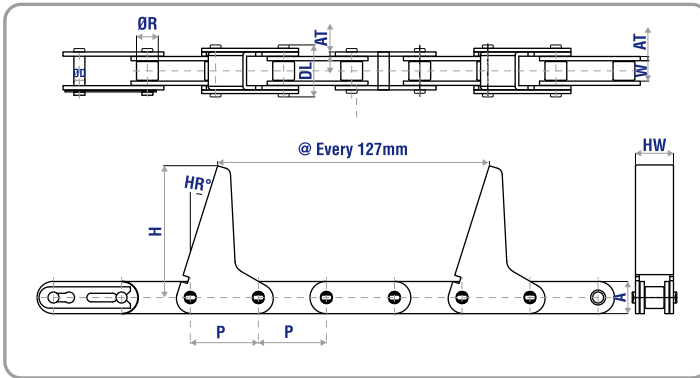
POWER TILLER SPROCKETS

BA-018	SPROCKET FOR MITSUBISHI VST	12 TEETH
BA-019	SPROCKET FOR MITSUBISHI VST	14 TEETH



CHAINS

CHAINS FOR REAPER



CHAINS

CHAINS FOR MUDLOADER



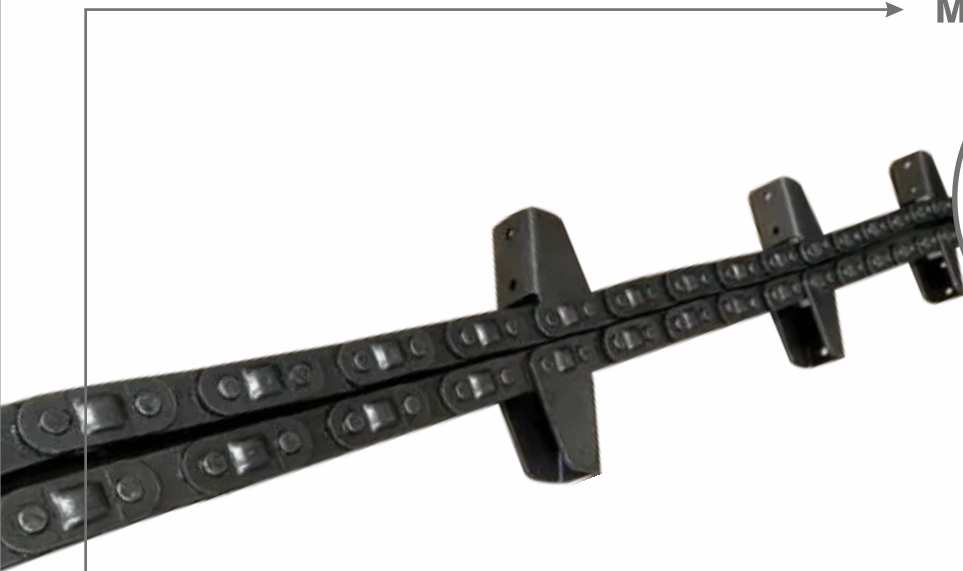
BTX ISO/DIN Chain	ANSI CHAIN NO.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Plate height	Width over Bearing Pin	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	(in mm)	h2 max (in mm)	(in mm)	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
MDL NEW	2060	41.30	17.00	22.6	8.28	25.00	42.20	3.70/3.50	72	-	-

CHAINS

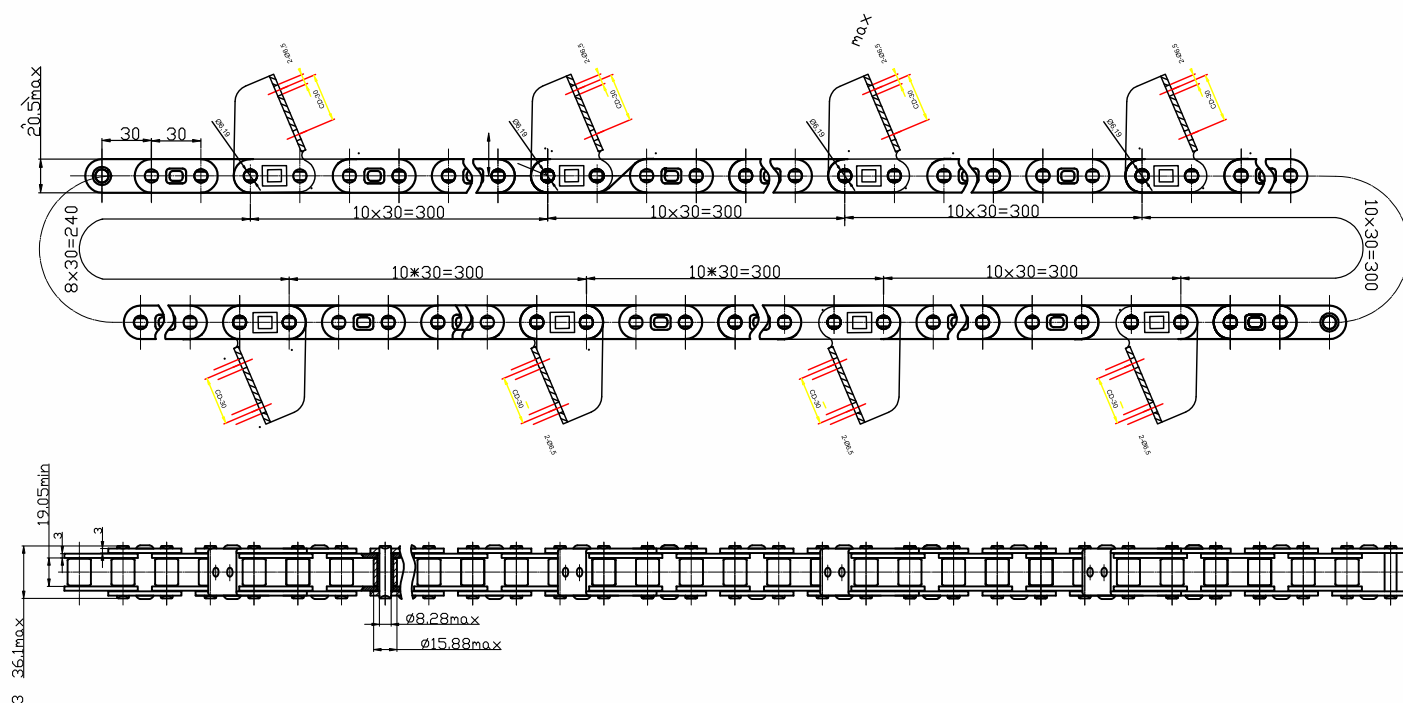
CHAINS FOR MUDLOADER



BTX ISO/DIN Chain	ANSI CHAIN NO.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Plate height	Width over Bearing Pin	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	(in mm)	h2 max (in mm)	(in mm)	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
MDL OLD	2060	41.30	17.00	22.4	8.28	20.50	43.80	4.00	70	-	-

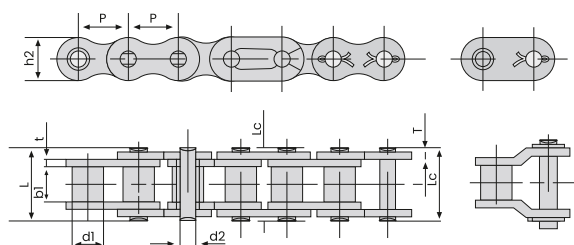


CHAINS

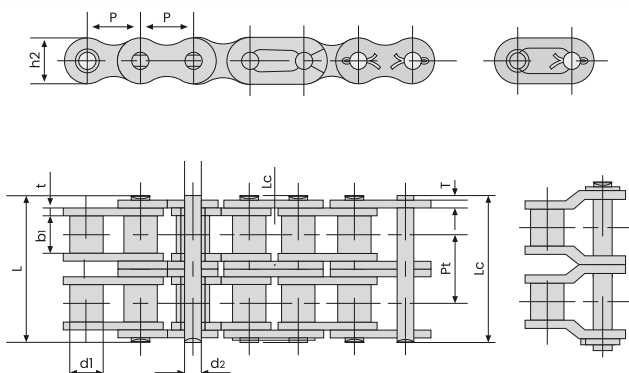


Chain No	Pitch	Width Between Inner Plates	Roller Diameter	Pin Diameter	Pin Length	Plate Thickness	Plate Width	Tensile Strength
CA 627- CPEF11- 8L/10L	30	19.05	15.88	8.28	36.10	3.0	20.5	55 Kn
CA 627- CPEF11- 8L/10L	30	19.05	15.88	8.28	36.10	3.0	20.5	55 Kn

SHORT PITCH PRECISION ROLLER CHAINS (B SERIES)



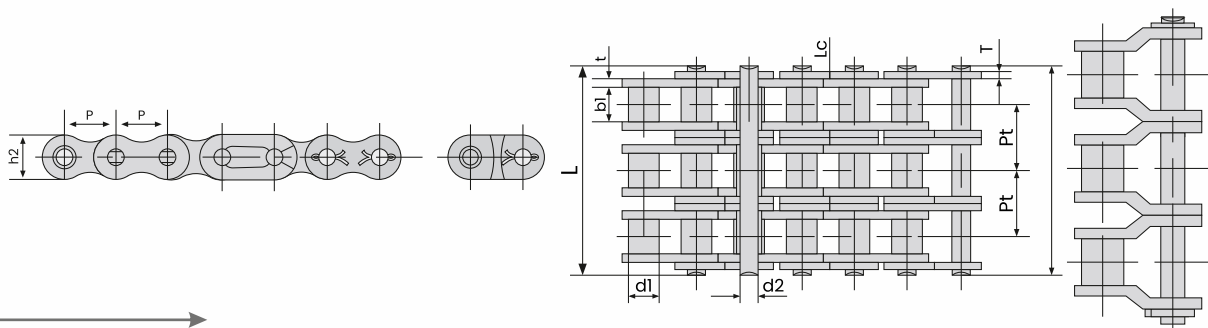
BTX ISO/DIN Chain	Chain Designation	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	L max (in mm)	h2 max (in mm)	t/L max (in mm)	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
04 B-1	6 x 2.8 m	6.000	4.00	2.80	1.85	6.80	5.00	0.60	3.0/682	3.2	0.11
05 B-1	8 x 3 m	8.000	5.00	3.00	2.31	8.20	7.10	0.80	5.0/1136	5.9	0.20
*06 B-1	3/5in. x 7/32in.	9.525	6.35	5.72	3.28	13.15	8.20	1.30	9.0/2045	10.4	0.41
08 B-1	1/2in. x 5/16in.	12.700	8.51	7.75	4.45	16.70	11.80	1.60	18.0/4091	19.4	0.69
10 B-1	5/8in. x 3/8in.	15.875	10.16	9.65	5.08	19.50	14.70	1.70	22.4/5091	27.5	0.93
12 B-1	3/4in. x 7/16in.	19.050	12.07	11.68	5.72	22.50	16.00	1.85	29.0/6591	32.2	1.15
16 B-1	1in. x 11/16 in.	25.400	15.88	17.02	8.28	36.10	21.00	4.15/3.1	60.0/13636	72.8	2.71
20 B-1	1 1/4in. x 19.56m	31.750	19.05	19.56	10.19	41.30	26.40	4.5/3.5	95.0/21591	106.7	3.70
24 B-1	1 1/2in. x 1in.	38.100	25.40	25.40	14.63	53.40	33.20	6.0/4.8	160.0/36364	178.0	7.10
28 B-1	1 3/4in. x 1 1/4in.	44.450	27.94	30.99	15.90	65.10	36.70	7.5/6.0	200.0/45455	222.0	8.50
32 B-1	2in x 31m	50.800	29.21	30.99	17.81	66.00	42.00	7.0/6.0	250.0/56818	277.5	10.25
40 B-1	2 1/2in. x 1 1/2in.	63.500	39.37	38.10	22.89	82.20	52.96	8.5/8.0	355.0/80682	394.0	16.35
48 B-1	3in. x 1 3/4in.	76.200	48.26	45.72	27.24	99.10	63.80	12.0/10.0	560.0/127272	621.6	25.00



BTX ISO/DIN Chain	Chain Designation	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Transverse Pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	L max (in mm)	h2 max (in mm)	t/L max (in mm)	Pt	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
05 B-2	8 x 3 m	8.000	5.00	3.00	2.31	13.9	7.10	0.80	5.64	7.8/1773	10.2	0.33
*06 B-2	3/8in x 7/32in	9.525	6.35	5.72	3.28	23.4	8.20	1.30	10.24	16.9/3841	18.7	0.77
08 B-2	1/2in x 5/16in	12.700	8.51	7.75	4.45	31.0	11.80	1.60	13.92	32.0/7273	38.7	1.34
10 B-2	5/8in x 3/8in	15.875	10.16	9.65	5.08	36.1	14.70	1.70	16.59	44.5/10114	56.2	1.84
12 B-2	3/4in x 7/16in	19.050	12.07	11.68	5.72	42.0	16.00	1.85	19.46	57.8/13136	66.1	2.31
16 B-2	1in x 1-1/16in	25.400	15.88	17.02	8.28	68.0	21.00	4.15/3.1	31.88	106.0/24091	133.0	5.42
20 B-2	1 1/4in x 19.56m	31.750	19.05	19.56	10.19	77.8	26.40	4.5/3.5	36.45	170.0/38636	211.2	7.20
24 B-2	1 1/2in x 1in	38.100	25.40	25.40	14.63	101.7	33.20	6.0/4.8	48.36	280.0/63636	319.2	13.40
28 B-2	1 3/4in x 1 1/4in	44.450	27.94	30.99	15.90	124.6	36.70	7.5/6.0	59.56	360.0/81818	406.8	16.60
32 B-2	2in x 31m	50.800	29.21	30.99	17.81	124.6	42.00	7.0/6.0	58.55	450.0/102273	508.5	21.00
40 B-2	2 1/2in x 1 1/2in	63.500	39.37	38.10	22.89	154.5	52.96	8.5/8.0	72.29	630.0/143182	711.9	32.00
48 B-2	3in x 1 3/4in	76.200	48.26	45.72	29.24	190.4	63.80	12.0/10.0	91.21	1000.0/227272	1130.0	50.00

CHAINS

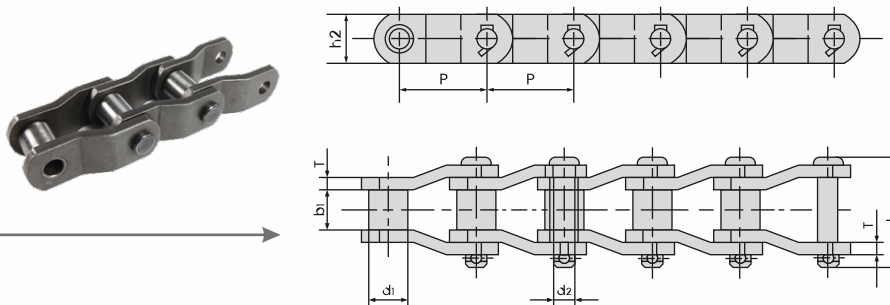
SHORT PITCH PRECISION ROLLER CHAINS (B SERIES)



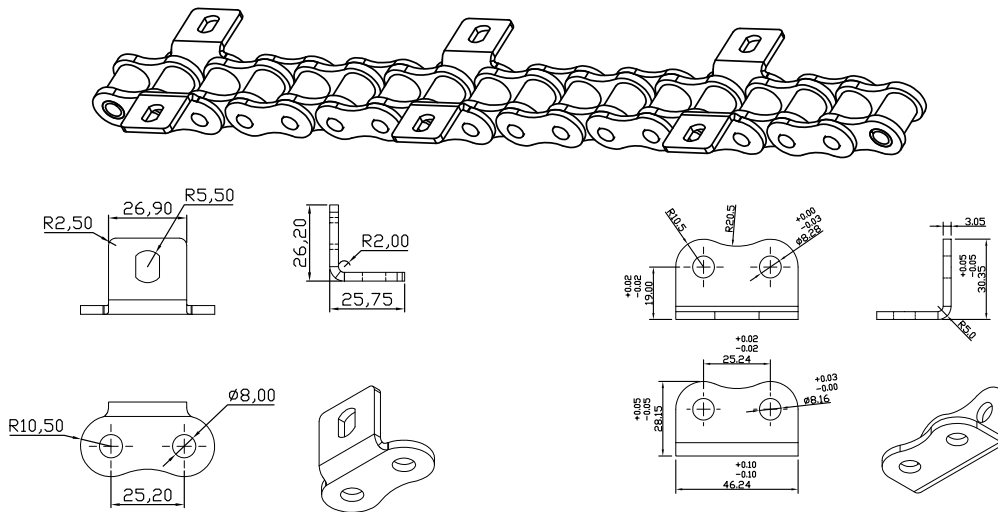
BTX ISO/DIN Chain	Chain Designation	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Transverse Pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	L max (in mm)	h2 max (in mm)	t/L max (in mm)	Pt	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
05 B-3	8 x 3 m	8.000	5.00	3.00	2.31	19.5	7.10	0.80	5.64	11.1/2523	13.8	0.48
*06 B-3	3/8in x 7/32in	9.525	6.35	5.72	3.28	33.5	8.20	1.30	10.24	24.9/5659	30.1	1.16
08 B-3	1/2in x 5/16in	12.700	8.51	7.75	4.45	45.1	11.80	1.60	13.92	47.5/10795	57.8	2.03
10 B-3	5/8in x 3/8in	15.875	10.16	9.65	5.08	52.7	14.70	1.70	16.59	66.7/15159	84.5	2.77
12 B-3	3/4in x 7/16in	19.050	12.07	11.68	5.72	61.5	16.00	1.85	19.46	86.7/19705	101.8	3.46
16 B-3	1in x 11/16in	25.400	15.88	17.02	8.28	99.8	21.00	4.15/3.1	31.88	160.0/36364	203.7	8.13
20 B-3	1 1/4in x 19.56m	31.750	19.05	19.56	10.19	114.2	26.40	4.5/3.5	36.45	250.0/56818	290.0	10.82
24 B-3	1 1/2in x 1in	38.100	25.40	25.40	14.63	150.1	33.20	6.0/4.8	48.36	425.0/96591	493.0	20.10
28 B-3	1 3/4in x 1 1/4in	44.450	27.94	30.99	15.90	184.2	36.70	7.5/6.0	59.56	530.0/120454	609.5	24.92
32 B-3	2in x 31m	50.800	29.21	30.99	17.81	183.2	42.00	7.0/6.0	58.55	670.0/152273	770.5	31.56
40 B-3	2 1/2in x 1 1/2in	63.500	39.37	38.10	22.89	226.8	52.96	8.5/8.0	72.29	950.0/215909	1092.5	48.10
48 B-3	3in x 1 3/4in	76.200	48.26	45.72	29.24	281.6	63.80	12.0/10.0	91.21	1500.0/340909	1710.0	75.00

CHAINS

HEAVY DUTY CRANKED LINK TRANSMISSION CHAINS



BTX ISO/DIN Chain	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	L max (in mm)	h2 max (in mm)	T max (in mm)	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
2010	63.50	31.75	38.10	15.90	89.00	47.8	7.9	250.0/56818	275	14.00
2510	78.10	31.75	36.90	16.00	94.8	40.0	8.0	271.0/61590	292.6	10.72
2512(MXS3011)	77.90	41.28	39.60	19.05	100.0	57.0	9.7	340.0/77272	367.2	18.40
2512F2	77.90	41.28	38.50	19.05	103.4	60.0	10.0	400.0/90909	420.0	20.28
2814	88.90	44.45	36.60	22.23	117.6	58.0	12.7	471.0/105955	507.6	25.70
3214	103.20	44.45	48.00	22.00	123.50	55.0	13.0	476.0/108180	514.0	23.60
3315	103.45	45.24	49.30	23.85	130.0	63.5	14.2	550.0/125000	594.0	27.71
3618	114.30	57.15	52.30	27.97	138.0	79.2	14.2	760.0/17272	820.8	41.20

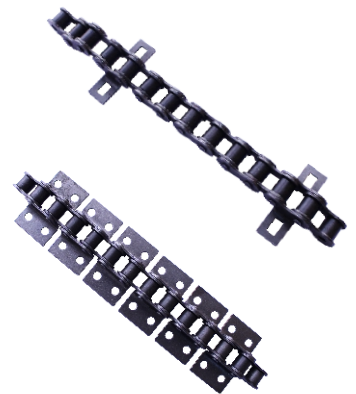
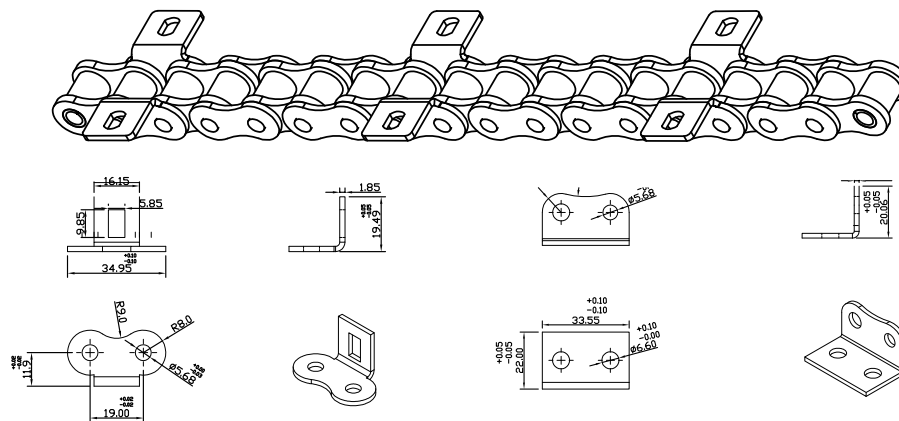


16 B1- K1 (SINGLE HOLE ATTACHMENT)

16 B1- K2 (DOUBLE HOLE ATTACHMENT)

16 B1- K1 (SINGLE HOLE), K2 (DOUBLE HOLE)

BTX ISO/DIN Chain No.	Chain Designation	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin Length	Inner Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max mm	b1 min mm	d2 max mm	L max mm	h2 max mm	t/T max mm	Q min kN/lbf	Qo kN	q kg/m
16 B-1	1in x 11/16 in	25.400	15.88	17.02	8.28	36.10	21.00	4.15/3.1	60.0/13636	72.8	2.71

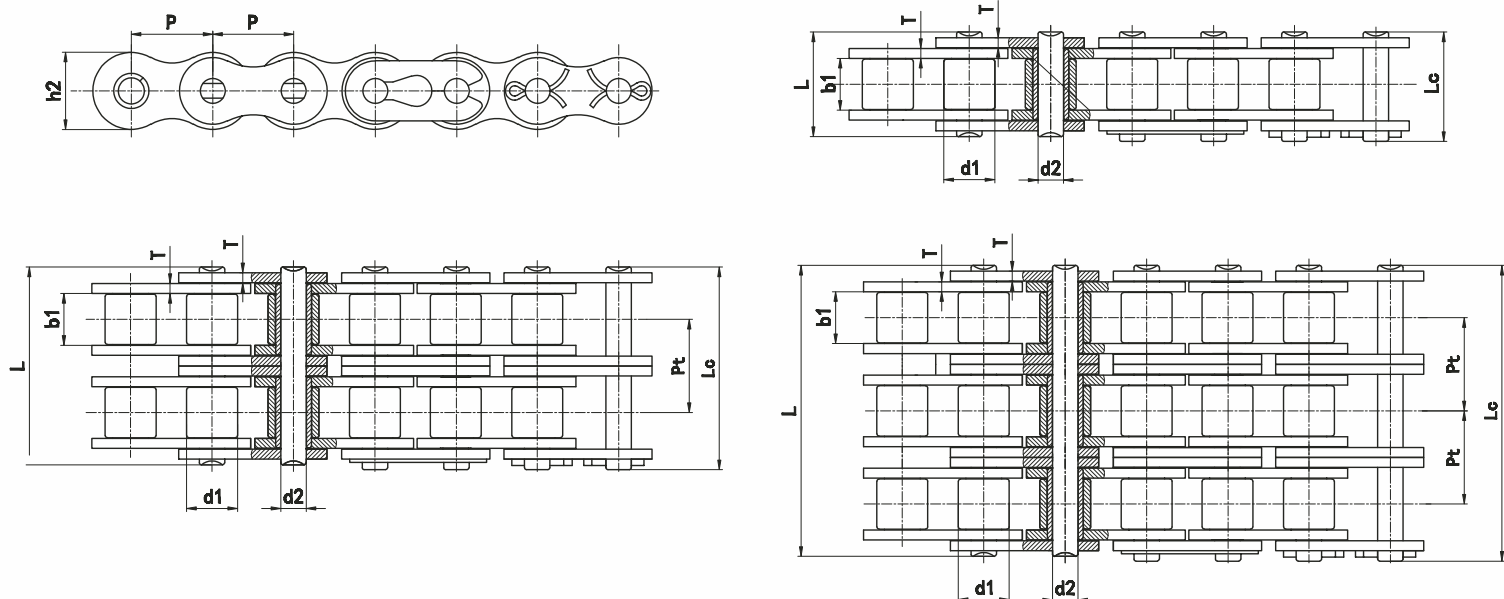


12 B1- K1 (SINGLE HOLE ATTACHMENT)

12 B1- K2 (DOUBLE HOLE ATTACHMENT)

12 B1 SINGLE HOLE AND DOUBLE HOLE ATTACHMENTS

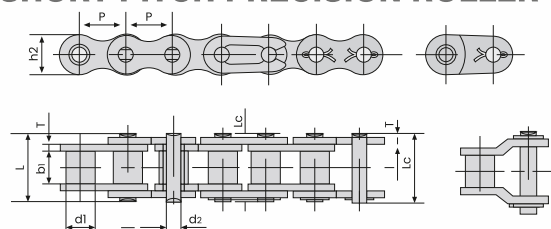
BTX ISO/DIN Chain No.	Chain Designation	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin Length	Inner Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max mm	b1 min mm	d2 max mm	L max mm	h2 max mm	t/T max mm	Q min kN/lbf	Qo kN	q kg/m
12 B - 1	3/4in x 7/16in	19.050	12.07	11.68	5.72	22.50	16.00	1.85	29.0/6591	32.2	1.15



DIN	ISO/ANSI	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
DIN Chain No.	ISO/ANSI Chain No.	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q ₀	q
		mm	mm	mm	mm	mm	mm	mm	mm	mm	KN	KN	kg/m
08AH-1	40H-1	12.700	7.92	7.85	3.98	18.8	20.0	12.07	2.00	/	13.9	19.2	0.82
10AH-1	50H-1	15.875	10.16	9.40	5.09	22.1	23.9	15.09	2.42	/	21.8	30.1	1.25
12AH-1	60H-1	19.050	11.91	12.57	5.96	30.0	32.3	18.10	3.20	/	31.3	42.0	1.89
16AH-1	80H-1	25.400	15.88	15.75	7.94	36.8	40.5	24.13	4.00	/	55.6	72.0	3.10
20AH-1	100H-1	31.750	19.05	18.90	9.54	44.2	47.6	30.17	4.80	/	87.0	112.0	4.50
24AH-1	120H-1	38.100	22.23	25.22	11.11	54.5	58.2	36.20	5.60	/	125.0	160.0	6.60
28AH-1	140H-1	44.450	25.40	25.22	12.71	58.2	64.5	42.23	6.40	/	170.0	217.5	8.30
32AH-1	160H-1	50.800	28.58	31.55	14.29	68.9	73.4	48.26	7.20	/	223.0	285.0	10.30
40AH-1	200H-1	63.500	39.68	37.85	19.85	87.1	94.2	60.33	9.50	/	347.0	445.0	19.16
12AH-2	60H-2	19.050	11.91	12.57	5.96	55.9	58.2	18.10	3.20	26.11	62.6	84.5	3.70
16AH-2	80H-2	25.400	15.88	15.75	7.94	69.1	72.8	24.13	4.00	32.59	112.2	145.0	6.15
20AH-2	100H-2	31.750	19.05	18.90	9.54	83.2	86.7	30.17	4.80	39.09	174.0	224.0	9.00
24AH-2	120H-2	38.100	22.23	25.22	11.11	102.9	107.1	36.20	5.60	48.87	250.0	320.0	13.13
28AH-2	140H-2	44.450	25.40	25.22	12.71	110.1	116.4	42.23	6.40	52.20	340.0	437.0	16.60
32AH-2	160H-2	50.800	28.58	31.55	14.29	130.5	135.1	48.26	7.20	61.90	446.0	572.0	20.20
40AH-2	200H-2	63.500	39.68	37.85	19.85	165.4	172.5	60.33	9.50	78.31	694.0	894.9	38.11
12AH-3	60H-3	19.050	11.91	12.57	5.96	81.9	83.9	18.10	3.20	26.11	93.9	115.0	5.52
16AH-3	80H-3	25.400	15.88	15.75	7.94	101.8	105.5	24.13	4.00	32.59	166.8	205.0	9.42
20AH-3	100H-3	31.750	19.05	18.90	9.54	122.3	125.8	30.17	4.80	39.09	261.0	315.0	12.96
24AH-3	120H-3	38.100	22.23	25.22	11.11	151.7	155.9	36.20	5.60	48.87	375.0	446.0	19.64
28AH-3	140H-3	44.450	25.40	25.22	12.71	162.0	168.3	42.23	6.40	52.20	510.0	598.5	24.90
32AH-3	160H-3	50.800	28.58	31.55	14.29	192.1	196.4	48.26	7.20	61.90	669.0	787.5	30.10
40AH-3	200H-3	63.500	39.68	37.85	19.85	243.7	250.8	60.33	9.50	78.31	1041.0	1228.0	57.05

SHORT PITCH PRECISION ROLLER CHAINS (A SERIES)

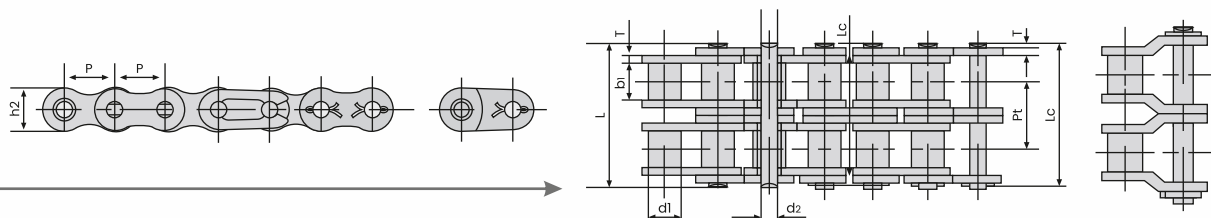
CHAINS



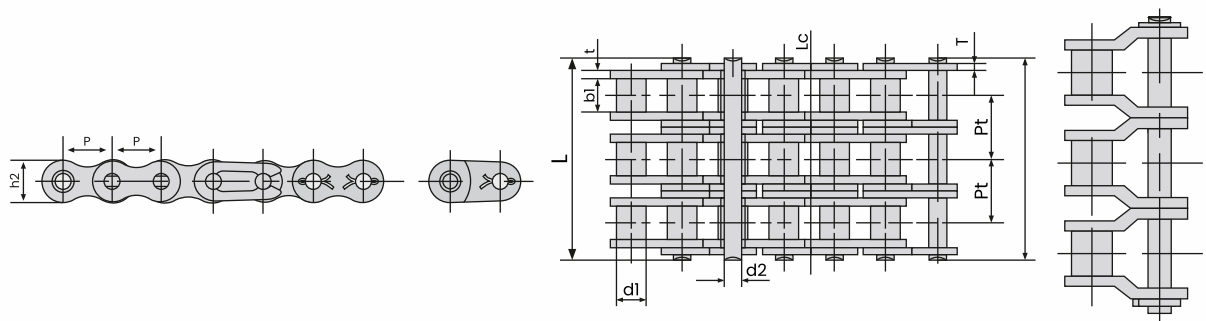
BTX ISO/DIN Chain	ANSI CHAIN NO.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		p (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	L max (in mm)	h2 max (in mm)	t/L max (in mm)	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
*03C	*15	4.7625	2.48	2.38	1.62	6.10	4.30	0.60	1.80/409	2.0	0.08
*04C-1	*25	6.350	3.30	3.18	2.31	7.90	6.00	0.80	3.50/795	4.6	0.15
*06C-1	*35	9.525	5.08	4.77	3.58	12.40	9.00	1.30	7.90/1795	10.8	0.33
085-1	41	12.700	7.77	6.25	3.58	13.75	9.91	1.30	6.67/1516	12.6	0.41
08A-1	40	12.700	7.95	7.85	3.96	16.60	12.00	1.50	14.10/3205	17.5	0.62
10A-1	50	15.875	10.16	9.40	5.08	20.70	15.09	2.03	22.20/5045	29.4	1.02
12A-1	60	19.050	11.91	12.57	5.94	25.90	18.00	2.42	31.80/7227	41.5	1.50
16A-1	80	25.400	15.88	15.75	7.92	32.70	24.00	3.25	56.70/12886	69.4	2.60
20A-1	100	31.750	19.05	18.90	9.53	40.40	30.00	4.00	88.50/20114	109.2	3.91
24A-1	120	38.100	22.23	25.22	11.10	50.30	35.70	4.80	127.00/28864	156.3	5.62
28A-1	140	44.450	25.40	25.22	12.70	54.40	41.00	5.60	172.40/39182	212.0	7.50
32A-1	160	50.800	28.58	31.55	14.27	64.80	47.80	6.40	226.80/51545	278.9	10.10
36A-1	180	57.150	35.71	35.48	17.46	72.80	53.60	7.20	280.20/63682	341.8	13.45
40A-1	200	63.500	39.68	37.85	19.85	80.30	60.00	8.00	353.80/80409	431.6	16.15
48A-1	240	76.200	47.63	47.35	23.81	95.50	72.39	9.50	510.30/115977	622.5	23.20

SHORT PITCH PRECISION ROLLER CHAINS (A SERIES)

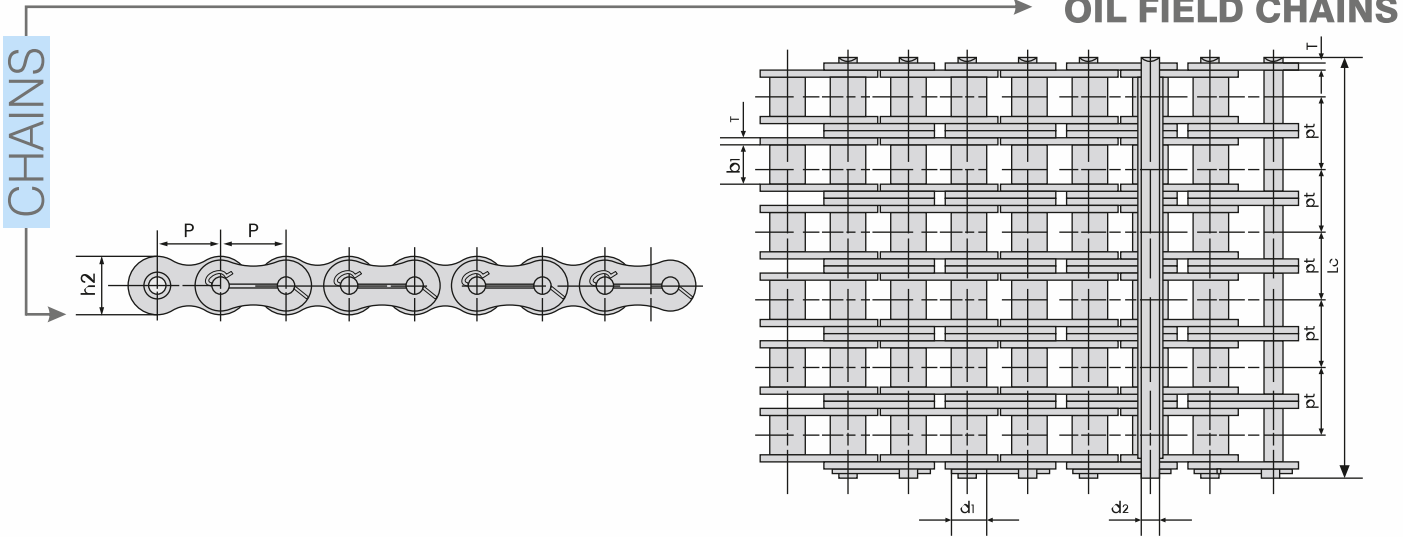
CHAINS



BTX ISO/DIN Chain	ANSI CHAIN NO.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		p (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	L max (in mm)	h2 max (in mm)	t/L max (in mm)	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
*04C-2	*25-2	6.350	3.30	3.18	2.31	14.5	6.00	0.80	7.00/1591	8.6	0.28
*06C-2	*35-2	9.525	5.08	4.77	3.58	22.5	9.00	1.30	15.80/3591	19.7	0.63
085-2	41-2	12.700	7.77	6.25	3.58	25.7	9.91	1.30	13.34/3032	16.9	0.81
08A-2	40-2	12.700	7.95	7.85	3.96	31.0	12.00	1.50	28.20/6409	35.9	1.12
10A-2	50-2	15.875	10.16	9.40	5.08	38.9	15.09	2.03	44.40/10091	58.1	2.00
12A-2	60-2	19.050	11.91	12.57	5.94	48.8	18.00	2.42	63.60/14455	82.1	2.92
16A-2	80-2	25.400	15.88	15.75	7.92	62.7	24.00	3.25	113.40/25773	141.8	5.15
20A-2	100-2	31.750	19.05	18.90	9.53	76.4	30.00	4.00	177.00/40227	219.4	7.80
24A-2	120-2	38.100	22.23	25.22	11.10	95.8	35.70	4.80	254.00/57727	314.9	11.70
28A-2	140-2	44.450	25.40	25.22	12.70	103.3	41.00	5.60	334.80/78364	427.5	15.14
32A-2	160-2	50.800	28.58	31.55	14.27	123.3	47.80	6.40	453.60/103091	562.4	20.14
36A-2	180-2	57.150	35.71	35.48	17.46	138.6	53.60	7.20	560.50/127386	695.0	29.22
40A-2	200-2	63.500	39.68	37.85	19.85	151.9	60.00	8.00	707.60/160818	877.4	32.24
48A-2	240-2	76.200	47.35	47.63	23.81	183.4	72.39	9.50	1020.60/213955	1255.3	45.23



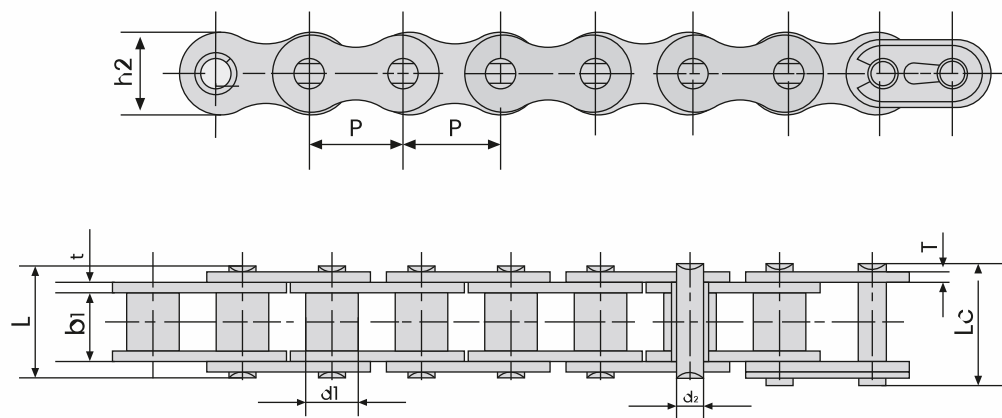
BTX ISO/DIN Chain	Chain Designation	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Transverse Pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	L max (in mm)	h2 max (in mm)	T max (in mm)	Pt	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
*04C-3	*25-3	6.350	3.30	3.18	2.31	21.0	6.00	0.80	6.40	10.5/2386	12.6	0.44
*06 C-3	*35-3	9.525	5.08	4.77	3.58	32.7	9.00	1.30	10.13	23.7/5386	28.6	1.05
08A-3	40-3	12.700	7.95	7.85	3.96	45.4	12.00	1.50	14.38	42.3/9614	50.0	1.90
10A-3	50-3	15.875	10.16	9.40	5.08	57.0	15.09	2.03	18.11	66.6/15136	77.8	3.09
12A-3	60-3	19.050	11.91	12.57	5.94	71.5	18.00	2.42	22.78	95.4/21682	111.1	4.54
16A-3	80-3	25.400	15.88	15.75	7.92	91.7	24.00	3.25	29.29	170.1/38659	198.4	7.89
20A-3	100-3	31.750	19.05	18.90	9.53	112.2	30.00	4.00	35.76	265.5/60341	309.6	11.77
24A-3	120-3	38.100	22.23	25.22	11.10	141.4	35.70	4.80	45.44	381.0/86591	437.2	17.53
28A-3	140-3	44.450	25.40	25.22	12.70	152.2	41.00	5.60	48.87	517.2/117545	593.3	22.20
32A-3	160-3	50.800	28.58	31.55	14.27	181.8	47.80	6.40	58.55	680.4/154636	780.6	30.02
36A-3	180-3	57.150	35.71	35.48	17.46	204.4	53.60	7.20	65.84	840.7/191068	983.6	38.22
40A-3	200-3	63.500	39.68	37.85	19.85	223.5	60.00	8.00	71.55	1061.4/241227	1217.8	49.03
48A-3	240-3	76.200	47.63	47.35	23.81	271.3	72.39	9.50	87.83	1530.9/347932	1756.5	71.60



BTX ISO/DIN Chain	ANSI Chain No.	Pitch		Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Transverse Pitch	Ultimate tensile strength	Weight per meter
		P		d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	Lc max (in mm)	h2 max (in mm)	T (in mm)	Pt (in mm)	Q min (in kN/lbf)	q (in kg/m)
		(in mm)	(in inch)									
16S-4	80-4	25.400	1	15.88	15.75	7.92	122.9	24.1	3.25	29.29	222.4/50000	10.24
20S-4	100-4	31.750	1 ¹ / ₄	19.05	18.90	9.53	151.5	30.1	4.00	36.76	347.48/78000	15.39
24S-4	120-4	38.100	1 ¹ / ₂	22.23	25.22	11.10	190.6	36.2	4.80	45.44	500.4/112400	22.19
28S-4	140-4	44.450	1 ³ / ₄	25.40	25.22	12.70	205.7	42.2	5.60	48.87	681.08/153200	29.63
32S-4	160-4	50.800	2	28.58	31.55	14.27	245.2	48.2	6.40	58.55	898.6/200000	39.34
40S-4	200-4	63.500	2 ¹ / ₂	39.68	37.85	19.85	302.0	60.3	8.00	71.55	1390.0/312400	63.60

MOTOR CYCLE CHAINS

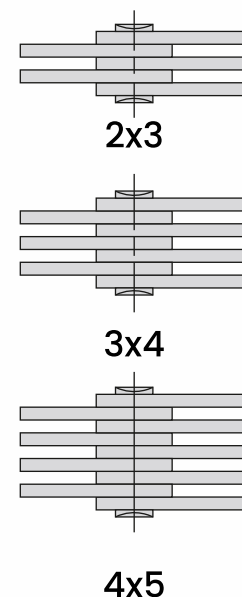
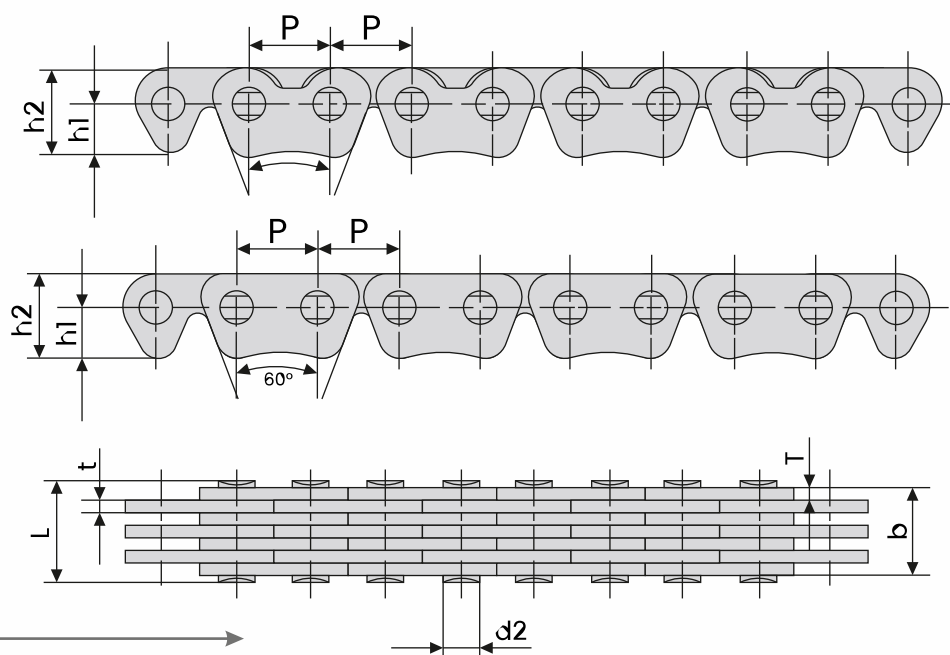
CHAINS



BTX ISO/DIN Chain	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	L max (in mm)	Lc max (in mm)	h2 max (in mm)	T max (in mm)	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
*25H	6.350	3.30	3.18	2.31	8.90	9.5	6.00	1.04	4.80/1091	5.5	0.17
420	12.700	7.77	6.25	3.96	14.70	16.1	12.00	1.50	16.00/3636	18.1	0.55
428	12.700	8.51	7.75	4.45	16.70	18.2	11.80	1.60	18.0/4091	20.1	0.70
428H	12.700	8.51	7.85	4.45	18.80	19.9	11.80	2.03	20.60/4682	23.4	0.79
520	15.875	10.16	6.25	5.08	17.50	19.0	15.09	2.03	26.50/6022	29.7	0.89
415H	12.70	7.77	4.76	3.96	13.1	14.50	12.00	1.50	14.40/3272	16.1	0.55

ENGINE MECHANISM CHAINS (TIMING CHAINS)

CHAINS



BTX ISO/DIN Chain	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Guide From	Number of Plates	Ultimate tensile strength	Average tensile strength	Weight per meter
	P (in mm)	b max (in mm)	d2 min (in mm)	L max (in mm)	h1 max (in mm)	h2 max (in mm)	T max (in mm)		n	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
CL04	6.35	4.35	2.50	6.05	3.94	6.80	1.04/0.75	Outside	5(2x3)	5.19/1179	5.4	0.22
CL04	6.35	6.35	2.50	8.2	3.9	6.72	1.04/0.75	Outside	7(3x4)	8.82/2004	9.2	0.28
CL04	6.5	9.40	2.50	10.9	3.9	6.72	1.04	Outside	9(4x5)	11.76/2672	12.3	0.35

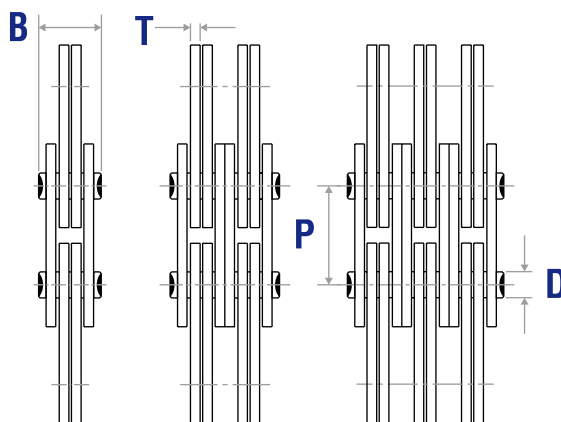
LEAF CHAINS

LL Series
[As per IS 1072, ISO 4347]

BL Series
[As per IS: 1072, ISO 4347, AS e B29.8]

Chain Number	Nominal Pitch	Lacing Pattern	Plate Thickness	Pin Diameter	Width Over Bearing Pin	Min. Tensile Strength
IS No.	P (mm)		T (mm)	D (mm)	B (mm)	KN
LL 0822	12.70	2 x 2	1.55	4.45	8.50	18.00
LL 0844		4 x 4			14.60	36.00
LL 0866		6 x 6			20.70	54.00
LL 1022	15.88	2 x 2	1.65	5.08	9.30	22.20
LL 1044		4 x 4			16.10	44.50
LL 1066		6 x 6			22.90	66.70
LL 1222	19.05	2 x 2	1.90	5.72	10.70	28.90
LL 1244		4 x 4			18.50	57.80
LL 1266		6 x 6			26.30	86.70
LL 1622	25.40	2 x 2	3.20	8.28	17.20	58.00
LL 1644		4 x 4			30.20	116.00
LL 1666		6 x 6			43.20	174.00
LL 2022	31.75	2 x 2	3.70	10.19	20.10	95.00
LL 2044		4 x 4			35.10	190.00
LL 2066		6 x 6			50.10	285.00
LL 2422	38.10	2 x 2	5.20	14.63	28.40	170.00
LL 2444		4 x 4			49.40	340.00
LL 2466		6 x 6			70.40	510.00
LL 2822	44.45	2 x 2	6.45	15.90	34.00	200.00
LL 2844		4 x 4			60.00	400.00
LL 2866		6 x 6			86.00	600.00
LL 3222	50.80	2 x 2	6.45	17.81	35.00	260.00
LL 3244		4 x 4			61.00	520.00
LL 3266		6 x 6			87.00	780.00

Chain Number	Nominal Pitch	Lacing Pattern	Plate Thickness	Pin Diameter	Width Over Bearing Pin	Min. Tensile Strength
IS No.	P (mm)		T (mm)	D (mm)	B (mm)	KN
BL 422	12.70	2 x 2	2.08	5.09	11.10	22.20
BL 423		2 x 3			13.20	22.20
BL 434		3 x 4			17.40	33.40
BL 444		4 x 4			19.60	44.50
BL 446		4 x 6			23.80	44.50
BL 466	15.875	6 x 6	2.48	5.98	28.00	66.70
BL 522		2 x 2			12.90	33.40
BL 523		2 x 3			15.40	33.40
BL 534		3 x 4			20.40	48.90
BL 544		4 x 4			22.80	66.70
BL 546	19.05	4 x 6	3.30	7.96	27.70	66.70
BL 566		6 x 6			32.70	100.10
BL 622		2 x 2			17.40	48.90
BL 623		2 x 3			20.80	48.90
BL 634		3 x 4			27.50	75.60
BL 644	25.40	4 x 4	4.09	9.56	30.80	97.90
BL 646		4 x 6			37.50	97.90
BL 666		6 x 6			44.20	146.80
BL 822		2 x 2			21.40	84.50
BL 823		2 x 3			25.50	84.50
BL 834	31.75	3 x 4	4.90	11.14	33.80	129.00
BL 844		4 x 4			37.90	169.00
BL 846		4 x 6			46.20	169.00
BL 866		6 x 6			54.50	253.60
BL 1022		2 x 2			25.40	115.60
BL 1023	38.10	2 x 3	5.77	12.74	30.40	115.60
BL 1034		3 x 4			40.30	182.40
BL 1044		4 x 4			45.20	231.30
BL 1046		4 x 6			55.10	231.30
BL 1066		6 x 6			65.00	347.00
BL 1222	44.45	2 x 2	6.60	14.31	29.70	151.20
BL 1223		2 x 3			35.50	151.20
BL 1234		3 x 4			47.10	244.60
BL 1244		4 x 4			52.90	302.50
BL 1246		4 x 6			64.60	302.50
BL 1266	50.80	6 x 6	7.52	17.49	76.20	453.70
BL 1422		2 x 2			33.60	191.30
BL 1423		2 x 3			40.20	191.30
BL 1434		3 x 4			53.40	315.80
BL 1444		4 x 4			60.00	382.60
BL 1446	50.80	4 x 6	7.52	17.49	73.20	382.60
BL 1466		6 x 6			86.40	578.30
BL 1622		2 x 2			40.00	289.10
BL 1623		2 x 3			46.60	289.10
BL 1634		3 x 4			61.80	440.40
BL 1644	50.80	4 x 4			69.30	578.30
BL 1646		4 x 6			84.50	578.30
BL 1666		6 x 6			100.00	867.40



P	Nominal Pitch
T	Plate Thickness
D	Pin Diameter
B	Width Over Bearing Pin

ATTACHMENT CHAINS

CHAINS

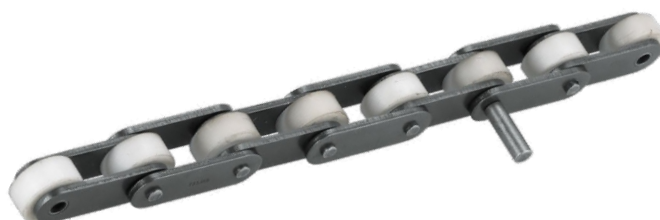


TRENCHER CHAIN 32A1

BTX ISO/DIN Chain	ANSI CHAIN NO.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	L max (in mm)	h2 max (in mm)	t/L max (in mm)	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
32A-1	160	50.800	28.58	31.55	14.27	64.80	47.80	6.40	226.80/51545	278.9	10.10

ATTACHMENT CHAINS

CHAINS



Z - ELEVATOR 8mm

BTX ISO/DIN Chain	ANSI CHAIN NO.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Plate height	Width over Bearing Pin	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	(in mm)	h2 max (in mm)	(in mm)	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
Z-ELV 8MM	2060	38.10	25.00	12.70	5.94	17.8	29.90	3.17	31.27	-	-

ATTACHMENT CHAINS

CHAINS



Z-ELEVATOR CHAIN 6mm

BTX ISO/DIN Chain	ANSI CHAIN NO.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Side Plate height	Width over Bearing Pin	Side Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P (in mm)	d1 max (in mm)	b1 min (in mm)	d2 max (in mm)	(H mm)	h2 max (in mm)	(T mm)	Q min (in kN/lbf)	Qo (in kN)	q (in kg/m)
Z-ELV 6MM	2060	31.75	15.20	9.65	5.08	15.00	19.60	1.85	21.71	-	-



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