

CHAINS FOR

Textile Industry

About the Company

TI Diamond Chain Ltd. is a member of the highly diversified Murugappa Group of Companies with a turnover of about Rs. 3900 crores.

The Company was established in 1960 in collaboration with Diamond Chain Company USA. The ongoing collaboration has resulted in constant inflow of latest chain technology. The continuous pursuit of excellence in quality has resulted in market leadership in the chain industry.

TIDC has been practising TQM since inception and its multi locational units are certified for ISO 14000/ISO 9001/QS9000/API 7F. Over 40% of its turnover is exported to all continents. TIDC won the prestigious Golden Peacock Award for excellence in TQM practices in 1998.

Diamond Power Transmission Chains

The company manufactures a wide range of power transmission chains ranging from 1/4" pitch to 3" pitch in single and multiple strands and conforming to BS 228/ISO 606/DIN 8187/DIN 8188/ANSI B29.1/API 7F standards.

Diamond Power transmission chains provide you with more value for money by offering:

- 1) Higher Breaking Loads
- 2) Greater fatigue strength
- 3) Increased wear life

Head Office:

TI Diamond Chain Ltd.

P.B.No.11, Ambattur, Chennai - 600 053.
Phone : 6257349/6256181 Fax : 044-6257356
Visit us at: www.tiindia.com
E-mail: gboopalan@murugappa.co.in
E-mail: thamizhmaniis@murugappa.co.in

Regional Offices

TI Diamond Chain Ltd.

"TIAM House", 28, Rajaji Salai, Chennai - 600 001
Phone: (044) 5225022 Bd.: 5211591 Extn.:
278,279 Fax: (044) 5225022
E-mail: icsouth@murugappa.co.in

TI Diamond Chain Ltd.

Post Box No.9151, "Mineral House",
27-A Camac Street, Calcutta - 700 016
Phone: (033) 2477780 Bd.: 2472595-9
Fax: (033) 2810289
E-mail: nishant@murugappa.co.in
partho@murugappa.co.in

TI Diamond Chain Ltd.

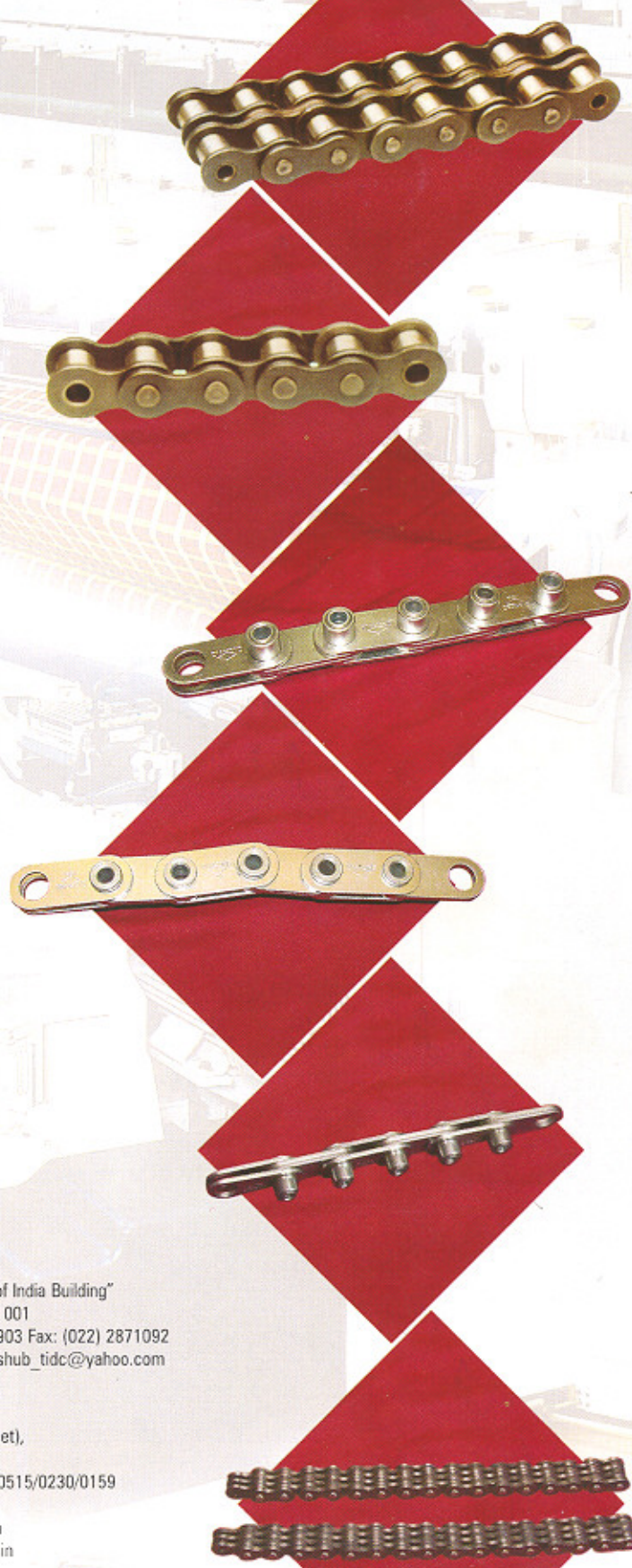
Post Box No. 1308, "United Bank of India Building"
II Floor, Sir P.M.Road, Mumbai 400 001
Phone: (022) 2875540 Bd.: 2870903 Fax: (022) 2871092
E-mail: vipin@murugappa.co.in shub_tidc@yahoo.com

TI Diamond Chain Ltd.

Jeevan Deep Building, 1st Floor
10, Sansad Marg (Parliament Street),
New Delhi - 110 001
Phone: (011) 3367581 Bd: 0546/0515/0230/0159
Fax : 3360291
E-mail: deepak@murugappa.co.in
icnorth@murugappa.co.in



TI DIAMOND CHAIN LTD.



DIAMOND STANDARD ROLLER CHAINS

TIDC Chain No.	No. of Strands	ISO/DIn/BS No.	Pitch (P)	Width Bet. Inner Plate (W) (Min)	Roller Dia (D) (Max)	Plate Depth (H) (Max)	Pin Dia (d) (Max)	B/Pin Length (A) (Max)	C/Pin Length (B) (Max)	Trans Verse Pitch (P _v)	Average Age Weight (KG/M)	Tensile Strength (KGF) (Min)
D 061**	01	06B-1	9.525	5.72	6.35	8.26	3.28	13.50	16.80	10.24	0.39	920
	02	06B-2						23.80	27.10		0.74	1,725
	03	06B-3						34.00	37.30		1.10	2,540
D083	01	08B-1	12.70	7.75	8.51	11.80	4.45	17.00	20.90	13.92	0.68	1,840
	02	08B-2						31.00	34.90		1.35	3,270
	03	08B-3						44.90	48.80		2.01	4,850
D101	01	10B-1	15.875	9.65	10.16	14.70	5.08	19.60	23.70	16.59	0.91	2,290
	02	10B-2						36.20	40.30		1.79	4,540
	03	10B-3						52.80	56.90		2.68	6,810
D120	01	12B-1	19.05	11.68	12.07	16.10	5.72	22.70	27.30	19.46	1.12	2,960
	02	12B-2						42.20	46.80		2.22	5,900
	03	12B-3						61.70	66.30		3.39	8,850
D160	01	16B-1	25.40	17.02	15.88	21.00	8.28	36.10	41.50	31.88	2.64	6,120
	02	16B-2						68.00	73.40		5.13	10,180
	03	16B-3						99.90	105.13		7.80	16,320

DIAMOND STANDARD FLAT CARD CHAINS

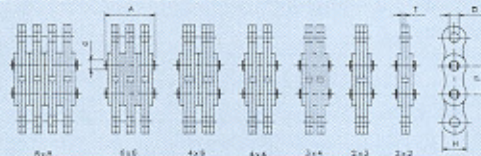
Chain No.	Pitch P (mm)	Stay Width W (mm)	Bush d (min) (mm)	Plate width D (mm)	Plate Thickness T (mm)	Total H (max) (mm)	Application
C 231	36.5	11.10	9.54	22.25	2.65	15.00	MMC T & S, H & B
C 232	36.5	12.70	9.54	22.25	2.65	15.00	Brooks & Doxey, Hetherington
C233	36.5	15.88	9.54	22.25	2.65	15.00	Plat Bros.
C 234	36.5	16.70	9.54	22.25	2.65	15.00	Toyada, NMM
C 236	36.5	16.00	10.00	23.50	2.65	15.50	True Mac
SP 1207	36.5	16.70	8.15	22.20	2.65	18.20	LMW
SP 1807	36.5	15.88	8.15	22.25	2.65	17.00	LMW

DIAMOND STANDARD LEAF CHAINS

Diamond Leaf Chains are designed to withstand very High Tensile and Fatigue loads. Careful Selection of Raw materials and Heat Treatment ensure long life and Freedom from failures. Diamond Leaf chains are available in AL, BL and LL series

While ordering leaf chains please specify:

- > Type of lacing pattern Required
- > Type of end condition Required



TIDC Chain No.	Pitch (P)	Lacing Pattern	Pin Dia (D) (Max)	Plate Depth (H) (Max)	Plate Thickness (T)	Hole Dia (D) (Min)	B/Pin Length (Max)	Average Weight (KG/M)	Tensile Strength (KGF) (Min)
006122	9.525	2x2	3.28	8.26	1.25/1.00	3.29	6.40	0.24	1,150
006123	9.525	2x3	3.28	8.26	1.25/1.00	3.29	7.60	0.30	1,150
008322	12.70	2x2	4.47	10.65	1.50	4.52	8.45	0.43	1,910
008323	12.70	2x3	4.47	10.65	1.50	4.52	10.05	0.53	1,910
008334	12.70	3x4	4.47	10.65	1.50	4.52	13.15	0.73	2,860
008344	12.70	4x4	4.47	10.65	1.50	4.52	14.70	0.83	3,810
008346	12.70	4x6	4.47	10.65	1.50	4.52	17.85	1.04	3,810
008366	12.70	6x6	4.47	10.65	1.50	4.2	21.00	1.23	4,420
007032	12.00	3x2	4.42	11.00	2.00	4.47	12.22	0.35	1,900
007043	12.00	4x3	4.42	11.00	2.00	4.47	16.70	0.39	3,000