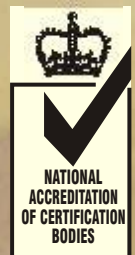


ROLON
INDUSTRIAL CHAINS

Esbee Machinery Pvt. Ltd.



ISO 9001 BY DNV GERMANY

LINK TO ULTIMATE PERFORMANCE

DIN 8187

ISO R 606

BS 221

Chain Designation	ROLON No			DIN** ISO	Pitch mm	Width between inner plates Min mm	Roller Dia meter Max mm	Transverse Pitch mm	Overall width of the Chain			Breaking Load		
	Simplex	Duplex	Triplex						Max. mm			Min. kgf.		
									Simplex	Duplex	Triplex	Simplex	Duplex	Triplex
6x2.8 mm	R 628	-	-	04	6.00	2.80	4.00	-	8.30	-	-	300	-	-
8x3 mm	R 830	DR 830	TR 830	05B	8.00	3.10	5.00	5.64	11.10	15.80	21.50	460	800	1140
*3/8 in x 7/32 in	R 957	DR 957	TR 957	06B	9.525	5.90	6.35	1024	16.40	26.60	36.70	910	1730	2540
1/2 in x 1/8 in	R 1230	-	-	081	12.70	3.48	7.75	-	11.00	-	-	820	-	-
1/2 in x 3/32 in	R 1224	-	-	082	12.70	2.40	7.75	-	8.20	-	-	1000	-	-
1/2 in x 3/16 in	R 1248H	-	-	084	12.70	4.90	7.75	-	16.30	-	-	1600	-	-
1/2 in x 3/16 in	R 1249	-	-	083	12.70	4.90	7.75	-	15.40	-	-	1350	-	-
1/2 in x 5.21 in	R 1252	-	-	-	12.70	5.30	8.51	-	18.10	-	-	1820	-	-
1/2 in x 5.16 in	R 1278	DR 1278	TR 1278	08B	12.70	8.00	8.51	13.92	20.50	34.40	48.30	1820	3180	4540
5/8 in x 1/4 in	R 1564	-	-	-	15.875	6.65	10.16	-	20.10	-	-	2270	-	-
5/8 in x 3/8 in	R 1595	DR 1595	TR 1595	10B	15.875	9.85	10.16	16.59	23.50	39.90	56.40	2270	4540	6810
3/4 in x 7/16 in	R 1911	DR 1911	TR 1911	12B	19.05	11.70	12.07	19.46	26.70	46.30	65.80	2950	5900	8850
1 in x 11/16 in	R 2517	DR 2517	TR 2517	16B	25.40	17.50	15.88	31.88	40.40	72.40	104.40	6500	13000	19500
1 1/4 in x 19.56mm	R 3119	DR 3119	TR 3119	20B	31.75	19.60	19.05	36.45	47.60	84.10	121.10	9500	19000	28500
1 1/2 in x 1 in	R 3825	DR 3825	TR 3825	24B	38.10	25.50	25.40	48.36	60.00	108.40	156.80	17000	32400	48500
1 3/4 in x 1 1/4 in	R 4431	DR 4431	TR 4431	28B	44.45	31.00	27.94	59.56	72.50	132.10	191.70	20000	40000	60000
2 in x 31mm	R 5031	DR 5031	TR 5031	32B	50.80	31.10	29.21	58.55	75.30	133.90	192.40	26000	49500	74300
2 in	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 in	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Straight sided plates

ASA B 29.1

DIN 8188

ISO R 1395,

R 606

+ 1/4 in x 1/8 in	B 25	-	-	04 C	6.35	3.18	3.30	-	11.60	-	-	350	-	-
+ 3/8 in x 3/16 in	B 35	DB 35	TB 35	06 C	9.525	4.77	5.08	10.15	15.10	27.30	35.80	1030	2050	2370
1/2 in x 5/16 in	R 40	DR 40	TR 40	08 A	12.70	8.00	7.95	14.38	20.90	35.30	49.70	1410	2820	4230
5/8 in x 3/8 in	R 50	DR 50	TR 50	10 A	15.875	9.55	10.16	18.11	25.90	44.00	62.00	2700	4440	6660
3/4 in x 1/2 in	R 60	DR 60	TR 60	12 A	19.05	12.70	11.90	22.78	29.40	52.60	75.40	3200	6860	9540
1 in x 5/8 in	R 80	DR 80	TR 80	16 A	25.40	15.90	15.88	29.29	37.50	66.80	96.10	6300	12600	18900
1 1/4 in x 3/4 in	R 100	DR 100	TR 100	20 A	31.75	19.10	19.05	35.76	47.20	83.10	119.10	8850	17700	26550
1 1/2 in x 1 in	R 120	DR 120	TR 120	24 A	38.10	25.50	22.30	45.44	57.40	102.90	148.30	12700	25400	38100
1 3/4 in x 1 in	R 140	DR 140	TR 140	28 A	44.45	25.50	25.40	48.87	62.30	111.00	159.80	17240	34480	51720
2 in x 1 1/4 in	R 160	DR 160	TR 160	32 A	50.80	31.80	28.57	58.55	73.40	132.10	190.80	22680	45360	68040
2 1/2 in	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 in	-	-	-	-	-	-	-	-	-	-	-	-	-	-

+ Rollerless ** -1 : Simplex, -2 : Duplex, -3 : Triplex

EXTENDED PITCH - ROLLER CHAINS

ISO

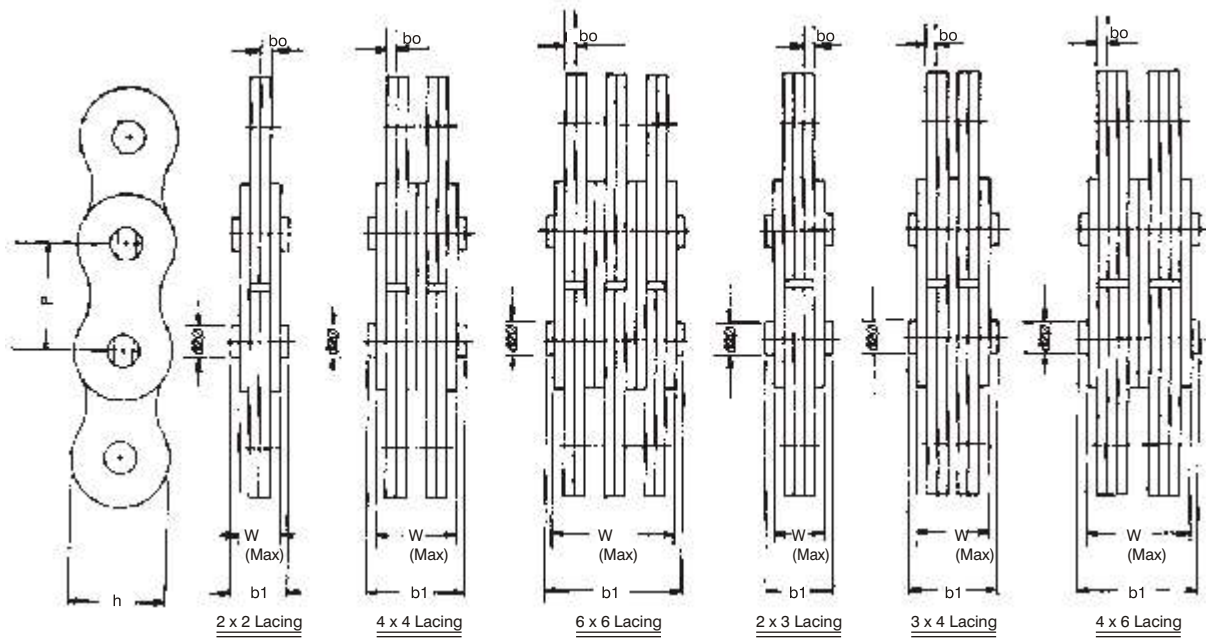
DIN8181

BS 4687

ASA B 29.3

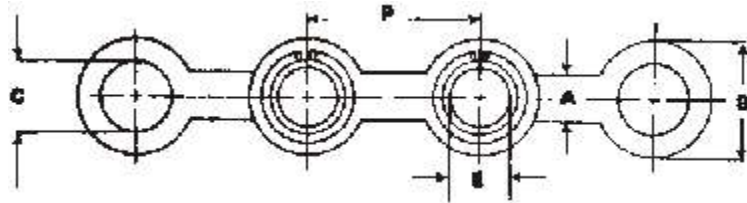
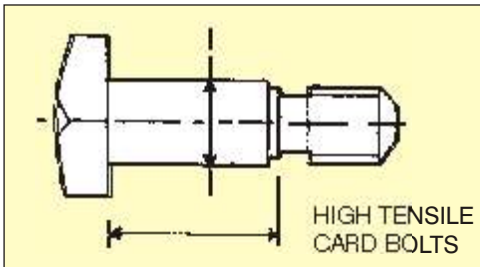
Chain Designation	ROLON No	ISO NO	Pitch mm	Width between inner plates Min mm	Roller Diameter Max mm	Oversll width of the chain Max mm	Breaking Load
							Min kgf.
1 in x 5/16 in	R 2578	208 B	25.40	8.00	8.51	20.80	1820
1 in x 5/16 in	R 2040	208 A	25.40	8.00	7.95	21.70	1410
1 1/4 in x 3/8 in	R 3195	210 B	31.75	9.65	10.16	23.70	2270
1 1/2 in x 7/16 in	R 3811	212 B	38.10	11.68	12.07	27.20	2950
1 1/2 x 1/2 in	R 2060	212 A	38.10	12.70	11.91	31.50	3200

* Straight sided plates, + Rollerless ** -1 : Simplex, -2 : Duplex, -3 : Triplex



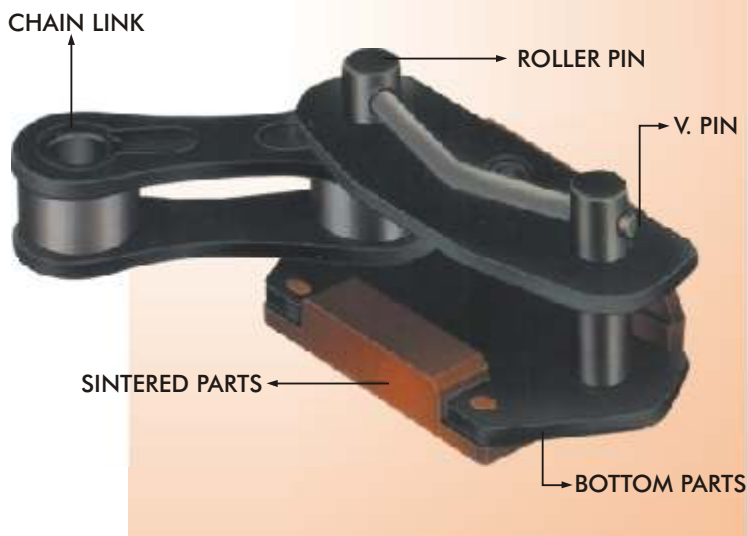
Pitch P mm	Lacing	Rolon No	Total width Over plates W. Max mm	Pin Length b1 max mm	Average Weight per. Mt kg.	Breaking Load Min kg.	Pin Dia max d2 mm	Plate	
								Width h mm	Thickness bo mm
9.525	2 x 2	L 61222	5.05	6.70	0.27	1150	3.28	8.10	1.20
	2 x 3	L 61223	6.30	7.92	0.33	1150			
	3 x 4	L 61234	8.80	10.50	0.46	1500			
	4 x 4	L 61244	10.10	11.75	0.53	2100			
	4 x 6	L 61246	12.60	14.25	0.65	2100			
	6 x 6	L 61266	15.10	16.80	0.78	3000			
12.00	2 x 2	L 1222	8.50	10.45	0.54	1900	4.45	11.00	2.00
	2 x 3	L 1223	11.00	13.00	0.68	1900			
	3 x 4	L 1234	15.00	16.80	0.94	3800			
12.70	2 x 2	L 81022	4.25	6.10	0.20	800	3.68	8.50	1.00
	2 x 3	L 81023	5.30	7.15	0.25	800			
	3 x 4	L 81034	7.40	9.25	0.35	1210			
	4 x 4	L 81044	8.50	10.30	0.40	2100			
	4 x 6	L 81046	10.60	12.45	0.49	2100			
	6 x 6	L 81066	12.70	14.55	0.58	2700			
12.70	2 x 2	L 81522	6.35	8.55	0.40	1910	4.45	10.30	1.50
	2 x 3	L 81523	7.90	10.15	0.50	1910			
	3 x 4	L 81534	11.05	13.30	0.69	2860			
	4 x 4	L 81544	12.65	14.85	0.78	3810			
	4 x 6	L 81546	15.80	18.00	0.97	3810			
	6 x 6	L 81566	18.95	21.20	1.16	5300			
15.875	2 x 2	L 101622	6.65	9.20	0.50	2540	5.08	13.20	1.60
	2 x 3	L 101623	8.30	10.85	0.61	2540			
	3 x 4	L 101634	11.60	14.15	0.85	3700			
	4 x 4	L 101644	13.30	16.00	0.96	5200			
	4 x 6	L 101646	16.60	19.15	1.20	5200			
	6 x 6	L 101666	19.90	22.45	1.43	7800			
19.05	2 x 2	L 121922	7.30	10.15	0.64	2800	5.72	14.50	1.75
	2 x 3	L 121923	9.10	12.00	0.80	2800			
	3 x 4	L 121934	12.75	15.60	1.17	5400			
	4 x 4	L 121944	14.60	17.45	1.26	6000			
	4 x 6	L 121946	18.20	21.10	1.57	6000			
	6 x 6	L 121966	21.85	24.70	1.86	8600			

HIGH SPEED HIGH TENSILE FLAT CARD CHAIN

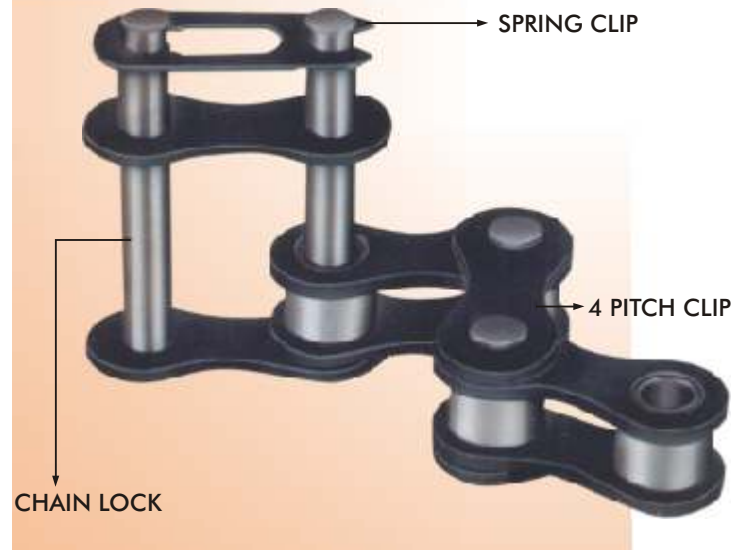


Rolon No	Pitch P	Stay width A	Plate width B	Plate Bore Min C	Bush head dia	Bush Bore Min E	Bush Height H	Plate Thickness	Application (High speed cards)
FD 365111 H	36.51	11.1	22.2	13.03	15	9.54	15.0	2.64	MMC, H & B, T & S
FD 365127 H	36.51	12.7	22.2	13.0	15	9.54	15.0	2.64	Brooks & Doxey Hetherington.
FD 365159 H	36.51	15.88	22.2	13.03	15	9.54	15.0	2.64	Platt Bros.
FD 365167 H	36.51	16.66	22.2	13.03	15	9.54	15.0	2.64	Toyoda, NMM.
FD 373960 H	37.30	9.53	22.2	13.03	15	9.54	15.0	2.64	D & B.
SC 66	36.51	16.7	22.2	13.03	14	8.20	18.2	2.70	Lakshmi Rieter
SC 127	36.51	16.70	22.2	13.03	15	9.54	14.1	2.64	MMC-XLIO

ARTOS STENTER CHAIN



PRIMATEX STENTER CHAIN



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