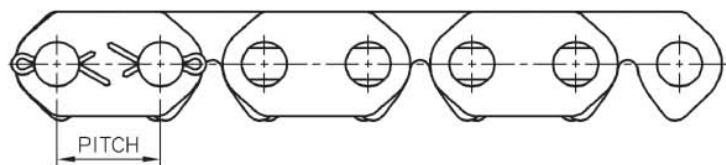
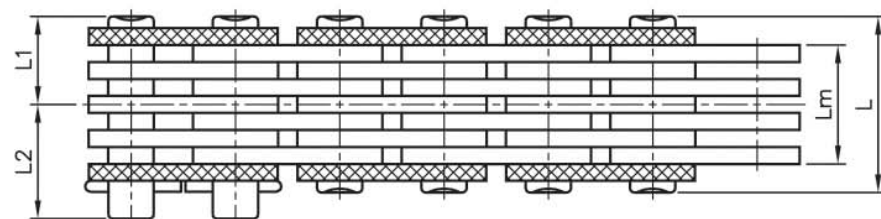


3/16" PITCH SILENT CHAIN



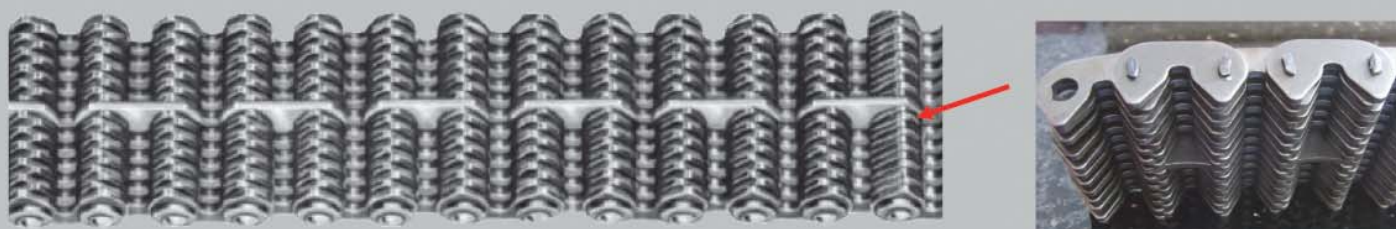
PITCH	CHAIN No.	WIDTH		DISTANCE BETWEEN GUIDES Lm (mm , min.)	RIVET PIN LENGTH L (mm)	CONNECTING PIN LENGTH L1 (mm)	CONNECTING PIN LENGTH L2 (mm)	AVERAGE ULTIMATE TENSILE STRENGTH (kgf)	CHAIN WEIGHT (Kg/ M)	
		inch	mm							
3/16 inch (4.76 mm)	SC0305	5/32	4.00	4.00	5.10	2.75	3.60	230	0.10	
	SC0307	7/32	5.60	5.60	6.70	3.55	4.35	340	0.15	
	SC0309	9/32	7.10	7.10	7.10	8.30	4.35	5.15	450	0.18
	SC0311	11/32	8.70	8.70	8.70	9.90	5.15	5.90	570	0.22
	SC0315	15/32	11.90	11.90	11.90	13.10	6.75	7.50	800	0.30
	SC0319	19/32	15.10	15.10	Center Guide	16.25	8.35	9.05	1050	0.37
	SC0325	25/32	19.80	19.80	Center Guide	21.00	10.70	11.40	1350	0.49
	SC0331	31/32	24.60	24.60	Center Guide	25.75	13.10	13.60	1700	0.60

Types of Chain Guide

Side guide



Center guide



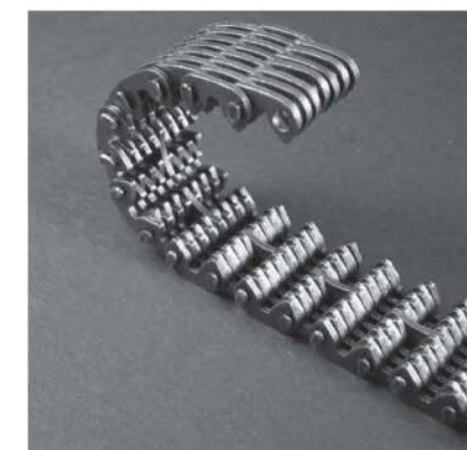
★ Other inverted tooth chain sizes, such as duplex chain, are also available.
For sizes not shown on this leaflet, please contact us for more information.

INDUSTRIAL INVERTED TOOTH

For High Speed and High Load Applications

Inverted tooth chain is especially good for use in application of high speed and high load.

- * Higher Tensile Strength
- * Increase Fatigue Resistance
- * Lower Noise
- * Ultimate Wear Life



For High Speed and High Load Applications -



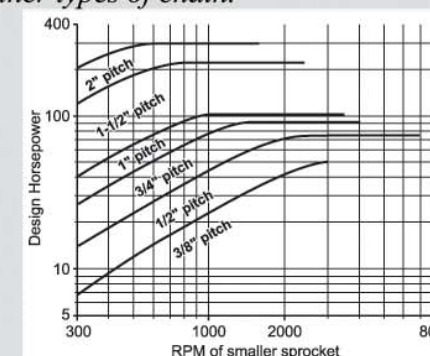
Can operate at higher torque output and lower noise.



Typical inverted tooth chain drive

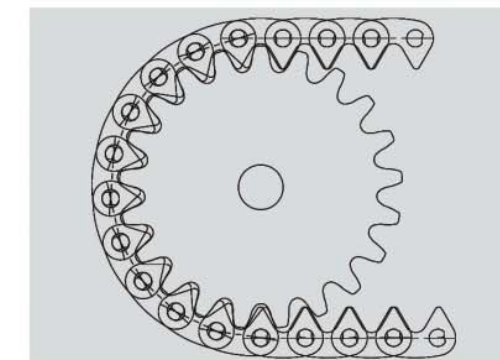
Horsepower Capacity –

Inverted tooth chains can operate at loads and speeds that often exceed the capability of belts and other types of chain.

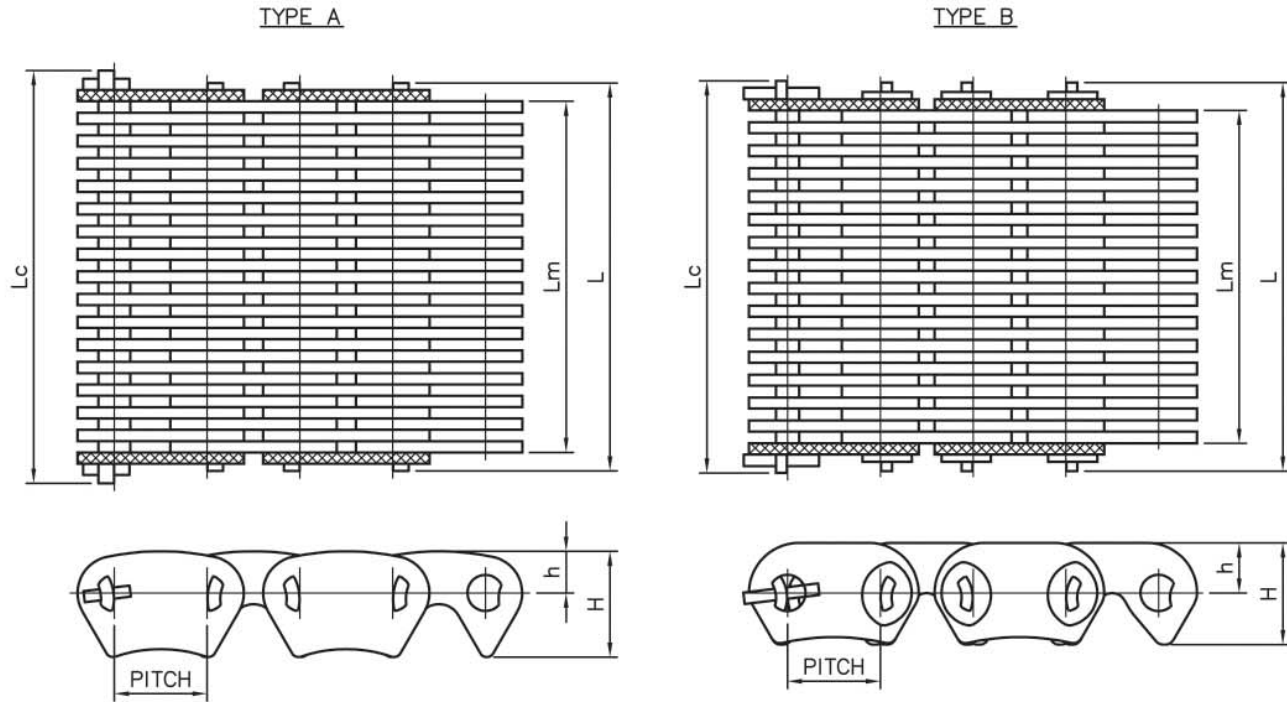


High Speed Performance –

Less chordal action and joint friction compare to roller chains.



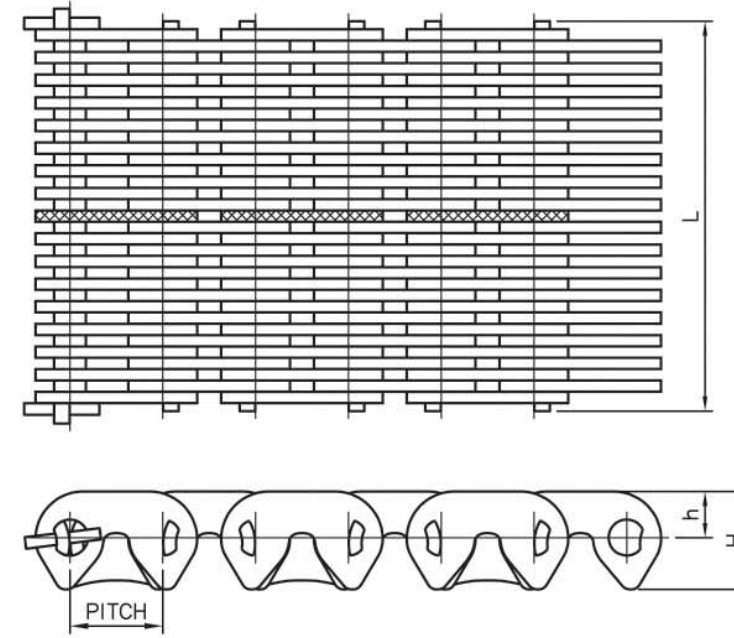
EXCEL CHAIN SERIES FOR HIGHER PERFORMANCE



PITCH	CHAIN TYPE	CHAIN No.	WIDTH		HEIGHT ABOVE PITCH LINE h (mm)	HEIGHT H (mm)	DISTANCE BETWEEN GUIDES Lm (mm, min.)	RIVET PIN LENGTH L (mm)	CONNECTING PIN LENGTH Lc (mm)	AVERAGE ULTIMATE TENSILE STRENGTH (kgf)	CHAIN WEIGHT (kg/M)
			inch	mm							
3/8 inch (9.53mm)	A	HV303	3/4	19.10	4.30	10.90	17.40	22.70	26.10	2800	1.00
		HV304	1	25.40			23.80	29.10	32.50	3750	1.30
		HV306	1 1/2	38.10			36.60	41.90	45.30	5600	1.90
		HV308	2	50.80			49.40	54.70	58.10	7500	2.60
		HV312	3	76.20			74.80	80.10	83.50	11200	3.90
1/2 inch (12.70mm)	A	HV404	1	25.40	5.70	14.50	23.80	29.10	32.50	5000	1.70
		HV406	1 1/2	38.10			36.60	41.90	45.30	7500	2.60
		HV408	2	50.80			49.40	54.70	58.10	10000	3.40
		HV412	3	76.20			74.80	80.10	83.50	15000	3.60
3/4 inch (19.05mm)	A/B	HV416	4	101.60	8.60 (Type A) 10.30 (Type B)	21.70 (Type A) 20.90 (Type B)	100.20	105.50	108.90	20000	6.90
		HV606	1 1/2	38.10			38.50	38.80	39.00	11200	3.90
		HV608	2	50.80			50.70	51.00	51.20	15000	5.20
		HV612	3	76.20			76.10	76.40	76.60	22500	7.70
		HV616	4	101.60			101.50	101.80	102.00	30000	10.30
1 inch (25.40mm)	A/B	HV620	5	127.00	11.40 (Type A) 13.80 (Type B)	29.00 (Type A) 27.90 (Type B)	126.90	127.20	127.40	37500	12.80
		HV808	2	50.80			50.70	51.60	51.30	20000	6.90
		HV812	3	76.20			76.10	77.00	76.70	30000	10.30
		HV816	4	101.60			101.50	102.40	102.10	40000	13.70
		HV820	5	127.00			126.90	127.80	127.50	50000	17.10
		HV824	6	152.40			152.30	153.20	152.90	60000	20.60
1 1/2 inch (38.10mm)	B	HV1212	3	76.20	20.60	41.80	75.80	76.50	76.60	45000	15.50
		HV1216	4	101.60			101.20	101.90	102.00	60000	20.60
		HV1220	5	127.00			126.60	127.30	127.40	75000	25.80
		HV1224	6	152.40			152.00	152.70	152.80	90000	30.80
2 inch (50.80mm)	B	HV1612	3	76.20	27.40	55.70	75.70	76.60	76.60	60000	20.60
		HV1616	4	101.60			101.10	102.00	102.00	80000	27.40
		HV1620	5	127.00			126.50	127.40	127.40	100000	34.30
		HV1624	6	152.40			151.90	152.80	152.80	120000	41.10

- Note : 1). The difference between Type A & Type B is link profile. Chain with Type A profile can sustain higher load & speed. It is used in conditions where higher performance is required.
- 2). Excel series are interchangeable with RAMSEY RPV chains.
- 3). Dimensions shown are for side guide style. For inquiries of center guide style, please contact us.
- 4). Connecting links are available, please contact us for more information.
- 5). Widths other than listed are available upon request.

SILENT CHAIN SERIES



SC612 CG width 35 links (17*18)
(round pin)

PITCH	CHAIN No.	WIDTH		RIVET PIN LENGTH L (mm)	HEIGHT ABOVE PITCH LINE h (mm, min.)	HEIGHT H (mm, max.)	AVERAGE ULTIMATE TENSILE STRENGTH (kgf)	CHAIN WEIGHT (kg/M)
		inch	mm					
3/8 inch (9.53 mm)	SC302 (*1)	1/2	12.70	19.50	4.80	10.10	850	0.60
	SC303	3/4	19.05	22.70			1300	0.80
	SC304	1	25.40	29.10			1700	1.10
	SC305	1 1/4	31.75	35.50			2150	1.40
	SC306	1	38.10	41.90			2550	1.90
	SC308	2	50.80	54.70			3400	2.20
1/2 inch (12.70 mm)	SC403	3/4	19.05	22.70	6.40	13.40	2550	1.10
	SC404	1	25.40	29.10			3400	1.50
	SC405	1 1/4	31.75	35.50			4250	1.90
	SC406	1 1/2	38.10	41.90			5100	2.20
	SC408	2	50.80	54.70			6800	3.00
	SC410	2 1/2	63.50	67.40			8500	3.70
3/4 inch (19.05 mm)	SC412	3	76.20	80.10	9.60	20.20	10250	4.50
	SC414	3 1/2	88.90	92.80			11900	5.20
	SC606	1 1/2	38.10	43.20			7700	3.40
	SC608	2	50.80	55.90			10250	4.50
	SC610	2 1/2	63.50	68.60			12750	5.60
	SC612	3	76.20	81.30			15350	6.70
1 inch (25.40 mm)	SC616	4	101.60	106.70	12.80	26.90	20450	8.90
	SC620	5	127.00	132.10			25500	11.20
	SC812	3	76.20	82.20			20450	8.90
	SC816	4	101.60	107.60			27250	11.90
	SC820	5	127.00	133.00			34000	14.90
	SC824	6	152.40	158.40			40850	17.90

- Note : 1). SC302 is with outside guides, distance between guides is 11.70mm(0.46inch)
- 2). Except for SC302, dimensions shown are for center guide style. For inquiries of side guide style, please contact us.
- 3). Silent chain series are with two-pin joints.
- 4). Connecting links are available, please contact us for more information.
- 5). Widths other than listed are available upon request.