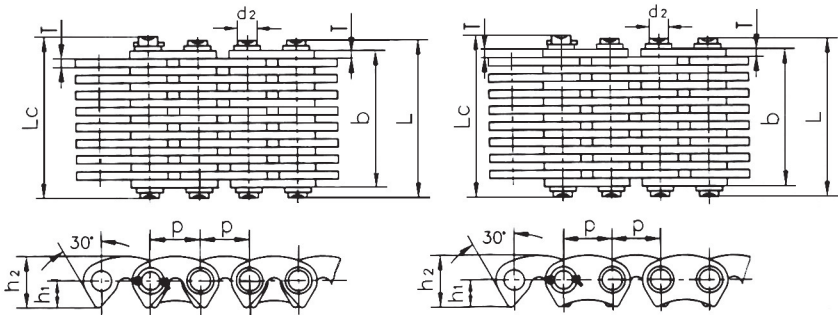


Silent chains

Middle guide

Side guide

Flank contact
silent chains



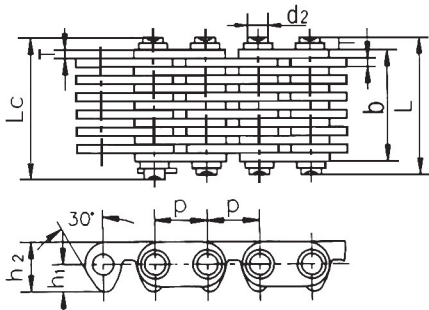
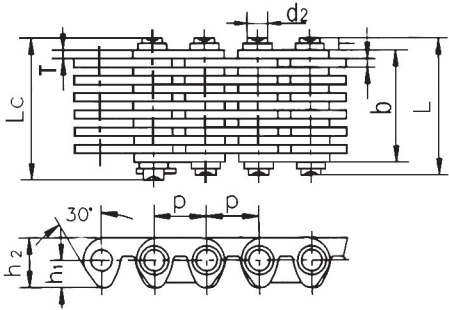
GB Chain No.	Pitch	Chain width	Pin diameter	Pin length		Distance from hole centre to tooth	plate depth	Plate thick-ness	Guide form	number of plates	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	b min	d2 max	L max	Lc max	h1	h2 max	T max			Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm		n	KN/LB	kN	kg/m
CL06	9.525	13.5	3.95	18.5	20.0	5.3	10.0	1.5	Outside	9	10.0/2272	11.2	0.60
		16.5		21.5	23.0				Outside	11	12.5/2840	14.0	0.73
		19.5		24.5	26.0				Outside	13	15.0/3409	16.8	0.85
		22.5		27.5	29.0				Outside	15	17.5/3977	19.6	1.00
		28.5		33.5	35.0				inside	19	22.5/5114	25.2	1.26
CL08	12.700	19.5	5.08	24.5	26.0	7.0	13.4	1.5	Outside	13	23.4/5318	26.2	1.15
		22.5		27.5	29.0				Outside	15	27.4/6227	30.6	1.33
		25.5		30.5	32.0				Outside	17	31.3/7114	35.0	1.50
		28.5		33.5	35.0				Inside	19	35.2/8000	39.4	1.68
		34.5		39.5	41.0				Inside	23	43.0/9772	48.1	2.04
		40.5		45.5	47.0				Inside	27	50.8/11364	56.8	2.39
		46.5		51.5	53.0				Inside	31	58.6/13318	65.6	2.74
		52.5		57.5	59.0				Inside	35	66.4/15091	74.3	3.10
CL10	15.875	30.0	5.92	37.0	38.2	8.7	16.7	2.0	Inside	15	45.6/10364	50.6	2.21
		38.0		45.0	46.2				Inside	19	58.6/13318	65.0	2.80
		46.0		53.0	54.2				Inside	23	71.7/16295	79.5	3.39
		54.0		61.0	62.4				Inside	27	84.7/19250	94.0	3.99
		62.0		69.0	70.4				Inside	31	97.7/22204	108.4	4.58
CL12	19.050	38.0	6.90	45.0	46.5	10.5	20.0	2.0	Inside	19	70.0/15909	77.6	3.37
		46.0		53.0	54.5				Inside	23	86.0/19545	95.4	4.08
		54.0		61.0	62.8				Inside	27	102.0/23182	113.2	4.78
		62.0		69.0	70.8				Inside	31	117.0/26591	129.8	5.50
		70.0		77.0	78.8				Inside	35	133.0/30227	147.6	6.20
CL16	25.400	45.0	8.90	52.0	53.5	14.0	26.7	3.0	Inside	15	111.0/25227	123.2	5.31
		51.0		58.0	59.5				Inside	17	125.0/28409	138.7	6.02
		57.0		64.0	65.5				Inside	19	141.0/32045	156.5	6.37
		69.0		76.2	77.7				Inside	23	172.0/39091	190.9	8.15
		81.0		88.2	89.7				Inside	27	203.0/46136	225.3	9.57
		93.0		100.2	101.7				Inside	31	235.0/53409	260.8	10.98
		105.0		114.6	117.6				Inside	35	310.0/70454	341.0	15.50
CL20	31.750	117.0	10.84	126.6	129.6	17.5	33.4	3.0	Inside	39	346.0/78636	380.6	17.27
		57.0		66.6	69.6				Inside	19	165.0/37500	183.1	8.42
		69.0		78.6	81.6				Inside	23	201.0/45681	223.1	10.19
		81.0		90.6	93.6				Inside	27	237.0/53863	263.2	11.96
		93.0		102.6	105.6				Inside	31	273.0/62045	303.0	13.73
		105.0		114.6	117.6				Inside	35	310.0/70454	341.0	15.50

Middle guide

Side guide

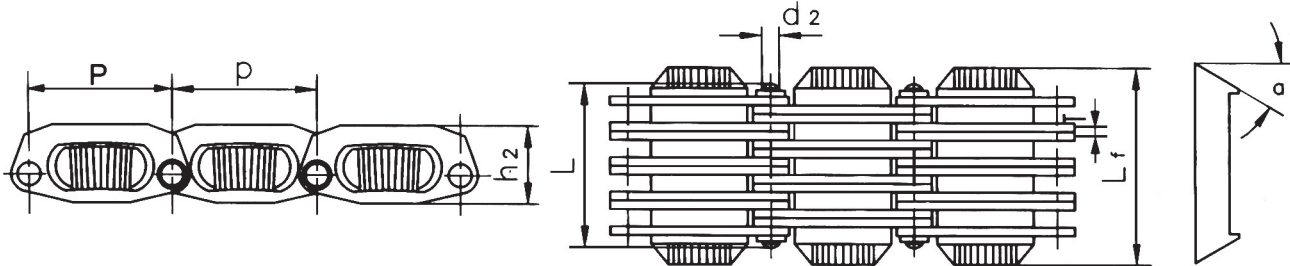
Silent chains

Croch contact
silent chains



ANSI Chain No.	Pitch	Chain width	Pin diameter	Pin length		Distance from hole centre to tooth		plate depth	Plate thick-ness	Guide form	number of plates	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	b min	d2 max	L max	Lc max	h1		h2 max	T max			Q min	Q0	q
	mm	mm	mm	mm	mm	mm		mm	mm		n	KN/LB	kN	kg/m
C4-120	12.7	19.5	5.08	24.5	26.0	6.62		12.1	1.5	Inside	13	20.0/4545	22.2	1.20
C4-123		22.5		27.5	29.0					Inside	15	23.0/5227	25.5	1.37
C4-129		28.5		33.5	35.0					Inside	19	28.5/6477	31.6	1.72
C4-132		31.5		36.5	38.0					Inside	21	31.5/7159	34.9	1.89
C4-138		37.5		42.5	44.0					Inside	25	38.0/8636	42.1	2.22
C4-150		49.5		54.5	56.0					Inside	33	50.0/11363	55.5	2.90
C4-320		19.5		24.5	26.0					Outside	13	20.0/4545	22.2	1.21
C4-323		22.5		27.5	29.0					Outside	15	23.0/5227	25.5	1.38
C4-329		28.5		33.5	35.0					Outside	19	28.5/6477	31.6	1.73
C4-332		31.5		36.5	38.0					Outside	21	31.5/7159	34.9	1.90
C4-338		37.5		42.5	44.0					Outside	25	38.0/8636	42.1	2.23

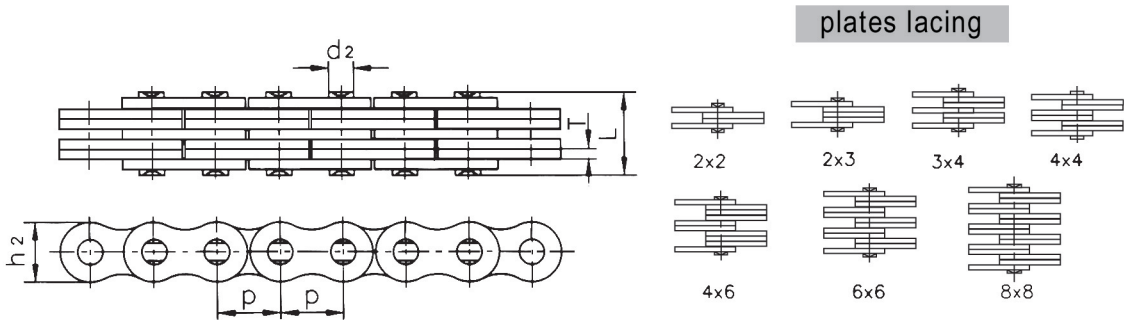
PIV infinitely variable speed chains



ZB Chain No.	Pitch	Pin diameter	Pin length	plate depth	Plate thick-ness	Width over friction plate	Angle of friction plate	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d2 max	L max	h2 max	T max	Lf	α	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	o	kN/LB	kN	kg/m
A0	18.75	3.00	19.5	9.5	1.0	24.0	15	9.0/2045	9.9	1.00
A1(A2)	25.0	3.00	30.1	13.5	1.5	37.8	15	21.0/4772	23.3	2.23
A3	28.6	3.00	35.3	16.0	1.5	44.2	15	38.5/8750	42.7	3.04
A4	36.0	4.00	48.5	20.5	1.5	58.5	15	61.5/13977	68.2	5.54
A5	36.0	4.00	60.5	20.5	1.5	70.0	15	71.0/16136	78.8	6.70

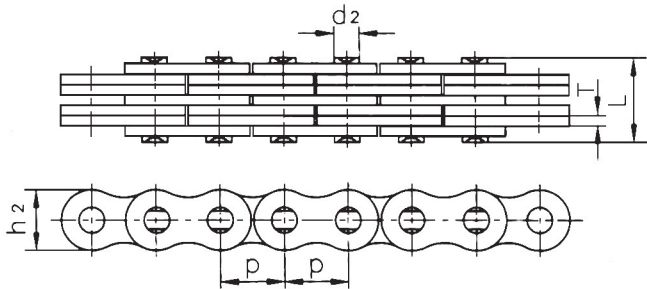


Leaf chains

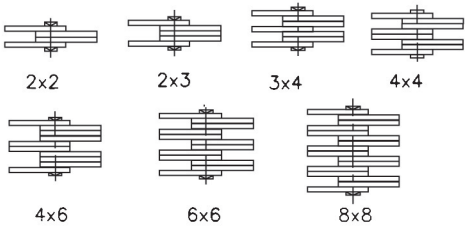


ISO Chain No.	ANSI Chain No.	Pitch	Chain Lacing	Plate depth	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
		P		h ₂ max	T max	d ₂ max	L max	Q min	Q ₀	q
		mm		mm	mm	mm	mm	kN/LB	kN	kg/m
LH0822	BL422	12.700	2×2	12.07	2.08	5.09	11.05	22.2/5045	27.6	0.64
LH0823	BL423		2×3				13.16	22.2/5045	27.6	0.80
LH0834	BL434		3×4				17.40	33.4/7591	41.4	1.12
LH0844	BL444		4×4				19.51	44.5/10114	56.0	1.28
LH0846	BL446		4×6				23.75	44.5/10114	56.0	1.60
LH0866	BL466		6×6				27.99	66.7/15159	81.7	1.92
LH0888	BL488	15.875	8×8	15.09	2.44	5.96	36.45	89.0/20227	109.4	2.56
LH1022	BL522		2×2				12.90	33.4/7591	43.1	0.88
LH1023	BL523		2×3				15.37	33.4/7591	43.1	1.10
LH1034	BL534		3×4				20.32	48.9/11114	65.6	1.50
LH1044	BL544		4×4				22.78	66.7/15159	84.5	1.80
LH1046	BL546		4×6				27.74	66.7/15159	84.5	2.20
LH1066	BL566	19.050	6×6	18.11	3.30	7.94	32.69	100.1/22750	125.1	2.65
LH1088	BL588		8×8				42.57	133.4/30318	169.5	3.50
LH1222	BL622		2×2				17.37	48.9/11114	63.6	1.45
LH1223	BL623		2×3				20.73	48.9/11114	63.6	1.80
LH1234	BL634		3×4				27.43	75.6/17181	102.8	2.50
LH1244	BL644		4×4				30.78	97.9/22250	120.9	2.90
LH1246	BL646	25.400	4×6	24.13	4.09	9.54	37.49	97.9/22250	120.9	3.60
LH1266	BL666		6×6				44.20	146.8/33364	190.8	4.30
LH1288	BL688		8×8				57.61	195.7/44477	238.8	5.80
LH1622	BL822		2×2				21.34	84.5/19204	108.2	2.20
LH1623	BL823		2×3				25.48	84.5/19204	108.2	2.70
LH1634	BL834		3×4				33.76	129.0/29318	170.0	3.80
LH1644	BL844		4×4				37.90	169.0/38409	214.6	4.30
LH1646	BL846		4×6				46.18	169.0/38409	214.6	5.40
LH1666	BL866		6×6				54.46	253.6/57636	324.5	6.50
LH1688	BL888		8×8				71.02	338.1/76841	432.7	8.60

Leaf chains



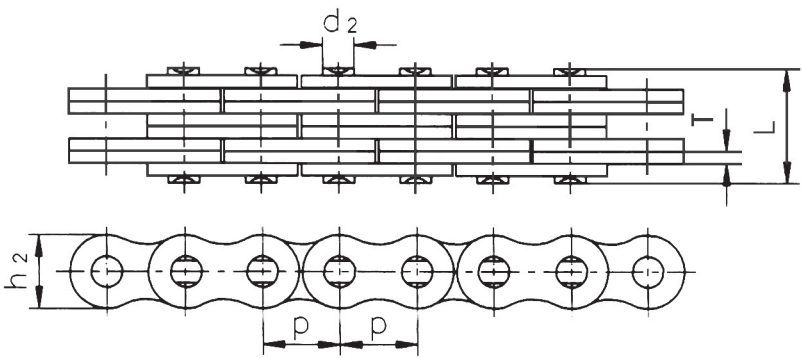
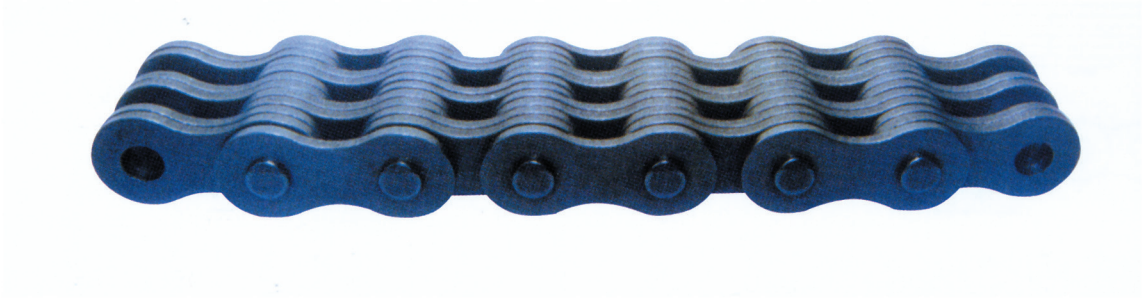
plates lacing



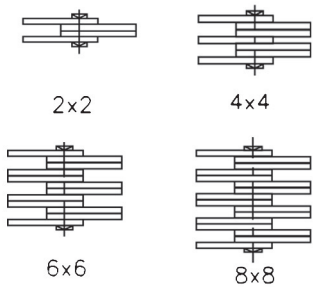
ISO Chain No.	ANSI Chain No.	Pitch	Chain Lacing	Plate depth	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
		P		h ₂ max	T max	d ₂ max	L max	Q min	Q ₀	q
		mm		mm	mm	mm	mm	kN/LB	kN	kg/m
LH2022	BL1022	31.75	2×2	30.18	4.90	11.11	25.37	115.6/26272	150.8	3.40
LH2023	BL1023		2×3				30.33	115.6/26272	150.8	4.30
LH2034	BL1034		3×4				40.23	182.4/41454	231.6	6.00
LH2044	BL1044		4×4				45.19	231.3/52568	291.4	6.90
LH2046	BL1046		4×6				55.09	231.3/52568	291.4	8.60
LH2066	BL1066		6×6				65.00	347.0/78863	430.3	10.30
LH2088	BL1088		8×8				84.81	462.6/105136	555.1	13.80
LH2422	BL1222	38.10	2×2	36.20	5.77	12.71	29.62	151.2/34363	192.0	4.6
LH2423	BL1223		2×3				35.43	151.2/34363	192.0	5.8
LH2434	BL1234		3×4				47.07	244.6/55591	315.9	8.1
LH2444	BL1244		4×4				52.88	302.5/68750	381.1	9.3
LH2446	BL1246		4×6				64.52	302.5/68750	381.1	11.6
LH2466	BL1266		6×6				76.15	453.7/103113	543.6	13.9
LH2488	BL1288		8×8				99.42	605.0/137500	726.0	18.6
LH2822	BL1422	44.45	2×2	42.24	6.55	14.29	33.55	191.3/43477	225.7	6.1
LH2823	BL1423		2×3				40.16	191.3/43477	225.7	7.6
LH2834	BL1434		3×4				53.37	315.8/71772	372.6	10.6
LH2844	BL1444		4×4				59.97	382.6/86954	451.2	12.2
LH2846	BL1446		4×6				73.18	382.6/86954	451.2	15.2
LH2866	BL1466		6×6				86.39	578.3/131431	682.4	18.2
LH2888	BL1488		8×8				112.8	765.1/173886	902.8	24.3
LH3222	BL1622	50.80	2×2	48.26	7.52	17.46	39.01	289.1/65704	341.1	8.0
LH3223	BL1623		2×3				46.58	289.1/65704	341.1	10.0
LH3234	BL1634		3×4				61.72	440.4/100091	519.6	14.0
LH3244	BL1644		4×4				69.29	578.3/131431	680.4	16.0
LH3246	BL1646		4×6				84.43	578.3/131431	680.4	20.0
LH3266	BL1666		6×6				99.57	857.4/194863	1000.7	24.0
LH3288	BL1688		8×8				129.84	1156.5/262841	1364.6	32.0
LH4022	BL2022	63.50	2×2	60.33	9.91	23.81	51.74	433.7/98568	511.7	15.8
LH4023	BL2023		2×3				61.70	433.7/98568	511.7	19.8
LH4034	BL2034		3×4				81.61	649.4/147590	766.2	27.7
LH4044	BL2044		4×4				91.57	867.4/197136	1023.5	31.6
LH4046	BL2046		4×6				111.48	867.4/197136	1023.5	39.5
LH4066	BL2066		6×6				131.39	1301.1/295704	1535.2	47.4
LH4088	BL2088		8×8				171.22	1734.8/394272	2046.5	63.2



Leaf chains

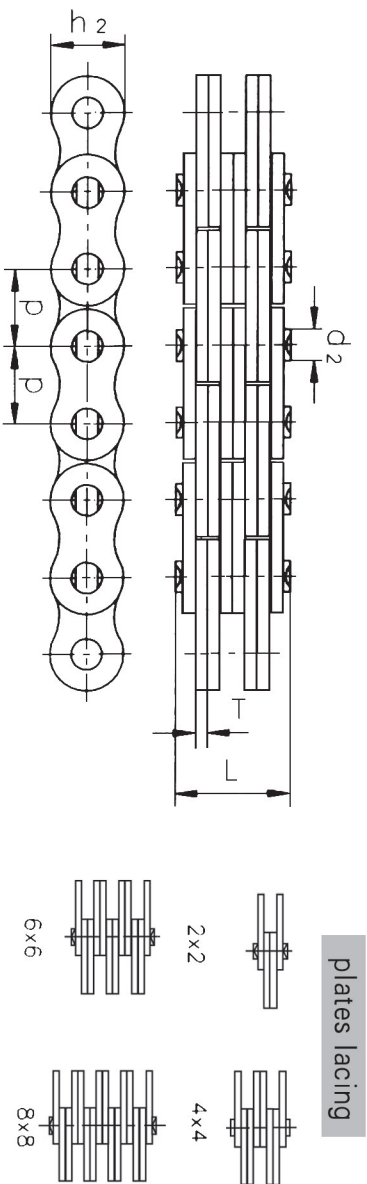


plates lacing



ISO Chain No.	Pitch	Chain Lacing	Plate depth	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
	P		h ₂ max	T max	d ₂ max	L max	Q min	Q ₀	q
	mm		mm	mm	mm	mm	kN/LB	kN	kg/m
LL0822	12.700	2×2	10.60	1.30	4.45	7.6	17.8/4045	20.4	0.35
LL0844		4×4				15.6	36.4/8272	40.7	0.84
LL0866		6×6				18.2	44.5/10114	50.9	1.00
LL0888		8×8				23.6	62.2/14136	71.2	1.33
LL1022	15.875	2×2	13.70	1.60	5.08	9.2	22.3/5068	25.5	0.54
LL1044		4×4				15.8	44.5/10114	51.0	1.06
LL1066		6×6				22.1	66.7/15159	76.3	1.57
LL1088		8×8				28.8	89.0/20227	101.9	2.10
LL1222	19.050	2×2	16.00	1.85	5.72	10.4	28.9/6568	33.2	0.73
LL1244		4×4				17.9	57.8/13136	66.4	1.44
LL1266		6×6				25.4	86.7/19705	99.7	2.15
LL1288		8×8				32.9	115.6/26273	132.9	2.84

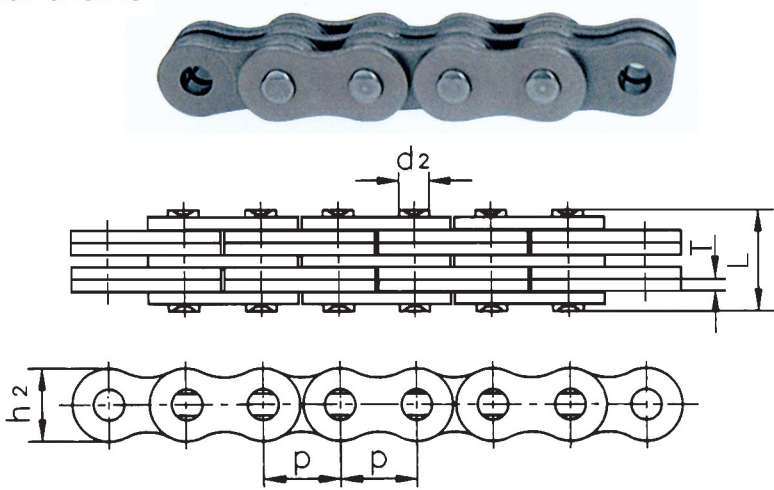
Leaf chains



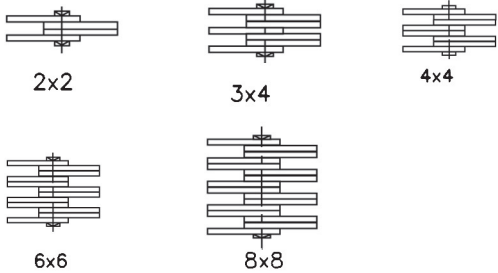
ISO Chain No.	Pitch	Chain Lacing	Plate depth	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
	P mm		h_2 max mm	T max mm	d_2 max mm	L max mm	Q_{min} kN/LB	Q_{ϕ} kN	q kg/m
LL1622	25.400	2 × 2	21.00	3.10	8.28	17.2	58.0/13182	66.7	1.52
LL1644		4 × 4				29.6	116.0/26363	140.0	2.90
LL1666		6 × 6				42.4	174.0/39545	208.8	4.30
LL1688	31.750	8 × 8	26.40	3.70	10.19	54.9	232.0/52726	278.0	5.71
LL2022		2 × 2				20.1	95.0/21591	109.2	2.33
LL2044		4 × 4				33.8	190.0/43182	218.5	4.40
LL2066	44.450	6 × 6	33.40	5.00	14.63	50.1	285.0/64773	324.6	6.79
LL2088		8 × 8				64.0	380.0/86363	435.1	8.90
LL2422		2 × 2				28.4	170.0/38636	195.5	4.47
LL2444	50.800	4 × 4	37.08	6.00	15.90	46.3	340.0/77273	380.8	8.22
LL2466		6 × 6				66.4	510.0/115909	571.2	12.22
LL2488		8 × 8				86.6	680.0/154545	775.2	16.30
LL2822	50.800	2 × 2	42.00	6.00	17.81	32.2	200.0/45455	224.0	5.10
LL2844		4 × 4				56.4	400.0/90909	448.0	9.90
LL2866		6 × 6				80.8	600.0/136363	672.0	14.60
LL2888	63.500	8 × 8	42.00	6.00	17.81	105.2	800.0/181818	896.0	19.40
LL3222		2 × 2				33.2	260.0/59091	291.2	5.80
LL3244		4 × 4				56.6	520.0/118182	582.4	12.30
LL3266	76.200	6 × 6	52.76	8.25	22.89	80.8	780.0/177272	873.6	18.30
LL3288		8 × 8				105.0	1050.0/238636	1176.0	24.00
LL4022		2 × 2				44.7	360.0/81818	403.2	10.30
LL4044	88.900	4 × 4	63.88	10.30	29.24	77.9	780.0/177273	873.6	20.00
LL4066		6 × 6				111.1	1080.0/245454	1209.6	30.00
LL4088		8 × 8				145.5	1560.0/354545	1747.2	39.10
LL4822	182.4	2 × 2	63.88	10.30	29.24	56.1	560.0/127272	627.2	18.50
LL4844		4 × 4				97.4	1120.0/254545	1554.4	35.70
LL4866		6 × 6				138.9	1168.0/265455	1308.1	53.00
LL4888		8 × 8				182.4	2240.0/509091	2508.8	70.40



Leaf chains

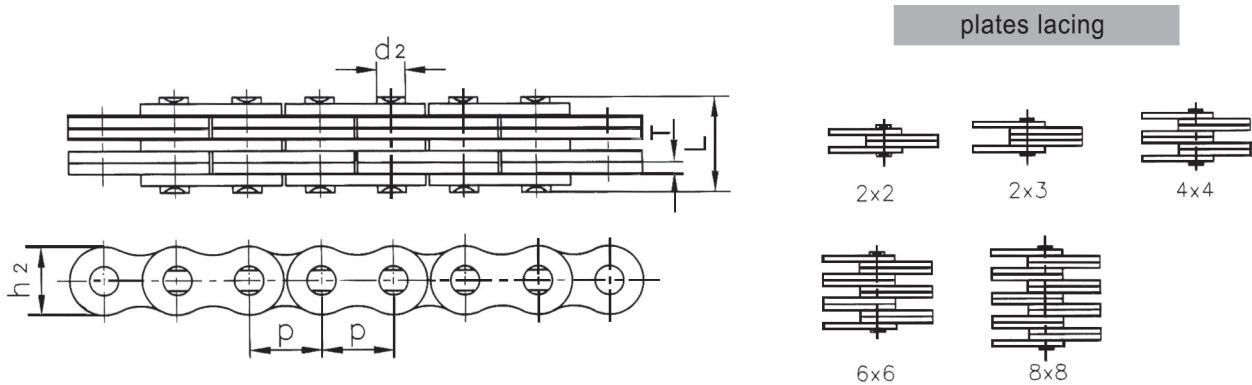


plates lacing



ANSI Chain No.	Pitch	Chain Lacing	Plate depth	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
	P		h ₂ max	T max	d ₂ max	L max	Q min	Q ₀	q
	mm		mm	mm	mm	mm	kN/LB	kN	kg/m
AL322	9.525	2×2	7.7	1.30	3.58	6.80	9.00/2045	10.2	0.23
AL344		4X4				11.60	18.0/4090	20.0	0.46
AL422	12.700	2×2	10.4	1.50	3.96	8.30	14.10/3205	16.9	0.39
AL444		4×4				14.40	28.20/6409	35.2	0.74
AL466		6×6				20.50	42.30/9614	52.7	1.13
AL522	15.875	2×2	12.8	2.03	5.08	11.05	22.00/5000	27.5	0.64
AL534		3×4				17.00	33.00/7500	46.0	1.10
AL544		4×4				19.40	44.00/10000	55.0	1.25
AL566		6×6				27.50	66.00/15000	82.5	1.79
AL622	19.050	2×2	15.6	2.42	5.94	13.00	37.00/8409	44.4	0.86
AL644		4×4				22.70	66.70/15158	78.8	1.76
AL666		6×6				32.20	100.10/22750	118.6	2.60
AL688		8X8				42.20	133.40/30317	156.6	3.49
AL822	25.400	2×2	20.5	3.25	7.92	16.00	56.70/12886	68.6	1.54
AL844		4×4				29.40	113.40/25773	135.6	3.00
AL866		6×6				44.20	170.00/38636	202.3	4.46
AL1022	31.750	2×2	25.6	4.00	9.53	19.60	88.50/20114	107.1	2.37
AL1044		4×4				36.40	177.00/40227	203.6	4.68
AL1066		6×6				52.30	265.00/60227	315.3	7.20
AL1088		8X8				68.50	354.00/80454	421.2	9.94
AL1222	38.100	2×2	30.5	4.80	11.10	24.30	127.00/28864	151.1	3.65
AL1244		4×4				43.80	254.00/57727	299.7	7.05
AL1266		6×6				63.20	381.00/86591	426.3	10.50
AL1288		8X8				82.60	508.00/11545	568.4	14.03
AL1444	44.450	4×4	36.4	5.60	12.64	51.30	372.70/84705	413.6	10.34
AL1466		6×6				74.56	559.00/127045	620.4	15.16
AL1644	50.800	4×4	41.6	6.40	14.21	58.00	471.00/107045	522.8	12.98
AL1666		6×6				83.80	706.00/160454	783.6	19.76
AL1688		8X8				109.50	942.0/214090	1045.5	25.47

Leaf chains



Chain No.	Pitch	Chain Lacing	Plate depth	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
	P		h ₂ max	T max	d ₂ max	L max	Q min	Q ₀	q
	mm		mm	mm	mm	mm	kN/LB	kN	kg/m
FL644	5.940	4 × 4	4.7	0.60	1.85	6.6	6.50/1477	7.8	0.13
FL666	5.940	6 × 6	4.7	0.60	1.85	9.3	9.75/2216	11.8	0.20
FL688	5.940	8 × 8	4.7	0.60	1.85	12.0	13.00/2955	15.6	0.25
FL844	8.000	4 × 4	6.9	0.73	2.31	7.9	10.00/2273	12.1	0.25
FL944	9.525	4 × 4	8.7	1.04	3.28	10.4	21.00/4773	24.7	0.43
FL966	9.525	6 × 6	8.7	1.00	3.28	14.9	31.00/7045	36.8	0.65
F122	12.700	2 × 2	8.2	1.00	3.58	7.0	11.43/2598	13.6	0.19
FL1223	12.700	2 × 3	10.2	2.03	4.45	12.8	20.00/4545	23.8	0.61
FL1244	12.700	4 × 4	10.2	1.70	4.45	16.7	44.00/10000	52.3	0.83
F19V-44	19.050	4 × 4	15.2	2.42	6.50	22.4	71.00/16136	84.3	1.73
F19V-66	19.050	6 × 6	15.2	2.42	6.50	32.3	106.00/24090	125.9	2.57