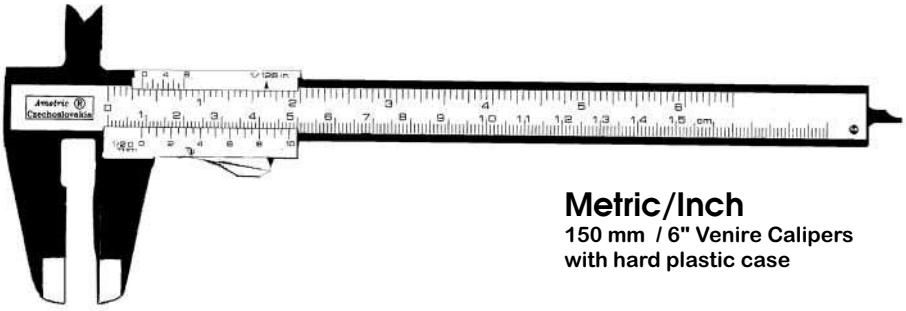
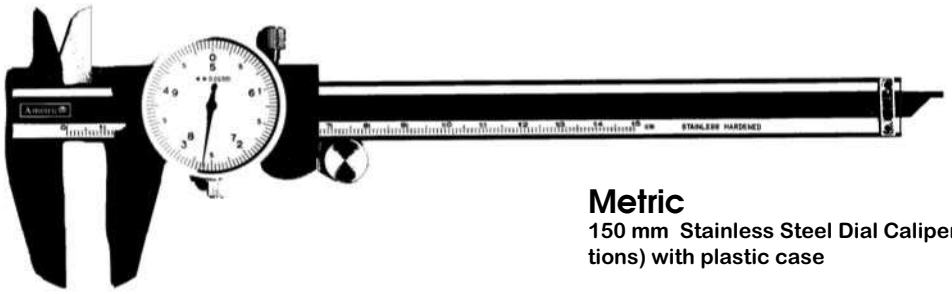
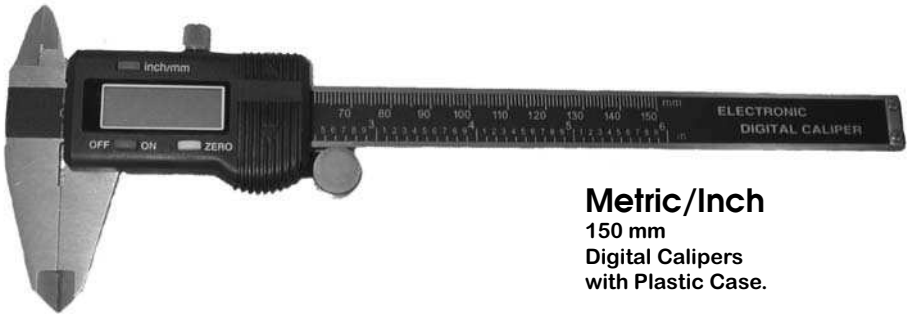
Special Tools



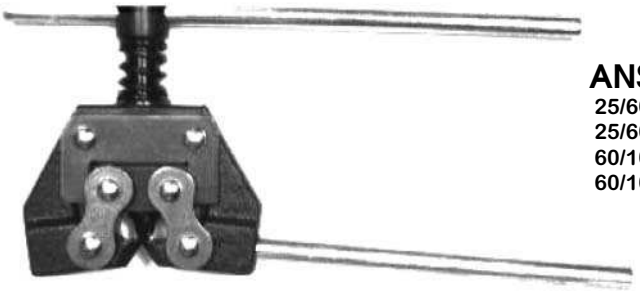
Metric/Inch
150 mm / 6" Venire Calipers with hard plastic case



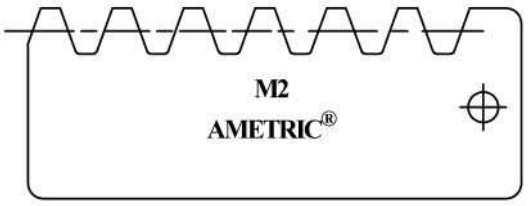
Metric
150 mm Stainless Steel Dial Calipers (0.05mm graduations) with plastic case



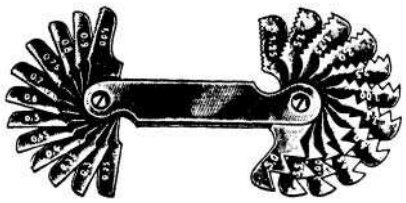
Metric/Inch
**150 mm
Digital Calipers
with Plastic Case.**



ANSI	Metric
25/60	22 / 62 Chain Breaker
25/60	22/ 62 Replacement Tip
60/100	62/102 Chain Breaker
60/100	62/102 Replacement Tip

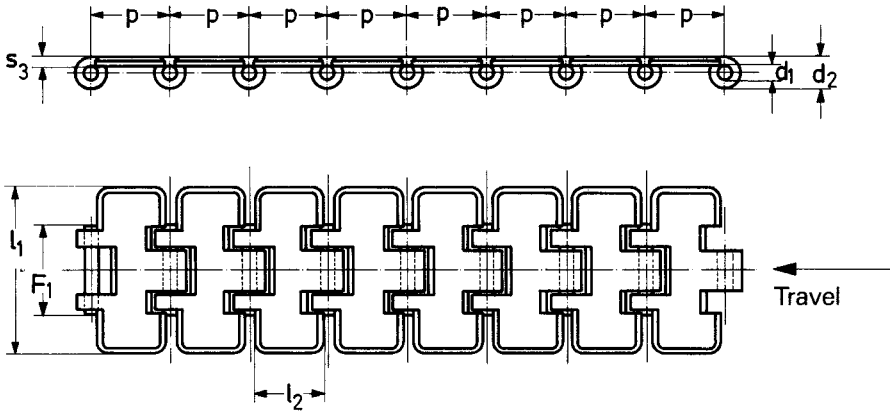


Gear Gage Set A Metric
**Module 1, 1.25, 1.5, 1.75, 2, 2.25
2.5, 2.75, 3, 3.25, 3.5, 4, 5, 6
(14) gages**



Thread Gage Set A Metric
**Pitches 0.40, 0.45, 0.50, 0.60, 0.70, 0.75, 0.80, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00, 3.50, 4.00, 4.50, 5.00, 5.50, 6.00
(20) gages**

Flat Top Chain
(DIN 8153 / ISO 4348)

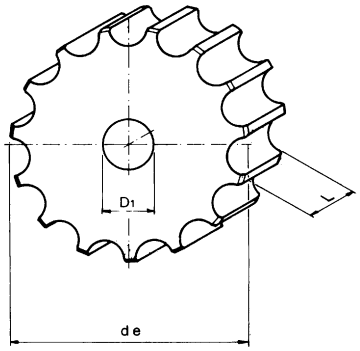


Chain No.	Pitch p	d_1	d_2	F_1	L_1	L_2	S_3	Material	f cm^2	Work Load N	Weight kg/m
8200	38.1	6.35	12.7	42.5	82.5	35	3		1.3	3,332	2.5
8300	38.1	6.35	12.7	42.5	88.9	35	3		1.3	3,332	2.7
8400	38.1	6.35	12.7	42.5	101.6	35	3	Heat Treated	1.3	3,332	3.0
8500	38.1	6.35	12.7	42.5	114.3	35	3	C1040	1.3	3,332	3.3
8600	38.1	6.35	12.7	42.5	152.4	35	3		1.3	3,332	4.1
8700	38.1	6.35	12.7	42.5	190.5	35	3		1.3	3,332	4.9
8800	38.1	6.35	12.7	80.8*	190.5	35	3		2.4	6,272	5.6
8210	38.1	6.35	12.7	42.5	82.5	35	3		1.3	2,646	2.5
8310	38.1	6.35	12.7	42.5	88.9	35	3	Slats:	1.3	2,646	2.7
8410	38.1	6.35	12.7	42.5	101.6	35	3	430**	1.3	2,646	3.0
8510	38.1	6.35	12.7	42.5	114.3	35	3	pins:	1.3	2,646	3.3
8610	38.1	6.35	12.7	42.5	152.4	35	3	420**	1.3	2,646	4.1
8710	38.1	6.35	12.7	42.5	190.5	35	3		1.3	2,646	4.9
8810	38.1	6.35	12.7	80.8*	190.5	35	3		2.4	5,096	5.6
8220	38.1	6.35	12.7	42.5	82.5	35	3		1.3	2,646	2.5
8320	38.1	6.35	12.7	42.5	88.9	35	3	Slats:	1.3	2,646	2.7
8420	38.1	6.35	12.7	42.5	101.6	35	3	304**	1.3	2,646	3.0
8520	38.1	6.35	12.7	42.5	114.3	35	3	pins:	1.3	2,646	3.3
8620	38.1	6.35	12.7	42.5	152.4	35	3	301**	1.3	2,646	4.1
8720	38.1	6.35	12.7	42.5	190.5	35	3		1.3	2,646	4.9
8820	38.1	6.35	12.7	80.8*	190.5	35	3		2.4	5,096	5.6

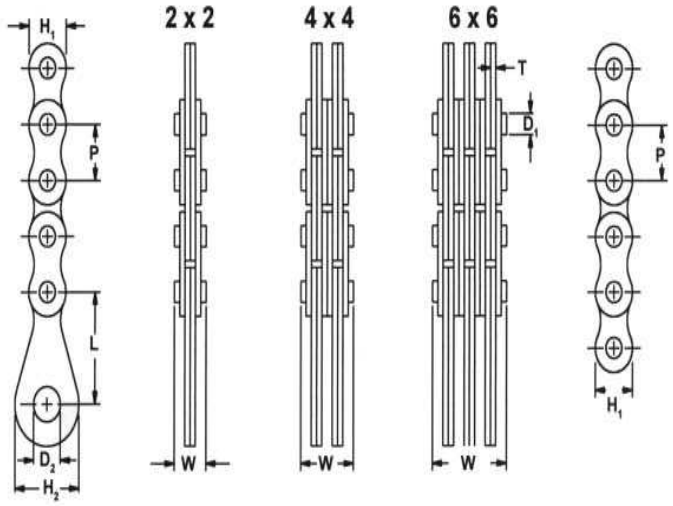
*** Double Hinge Table Top Chain ** Stainless Steel**

Note: Flat Top Chain Sprocket Available

See Sprocket Section for Stock Flat Top Chain Sprockets
(DIN 8153 / ISO 4348)



Metric Leaf Chain



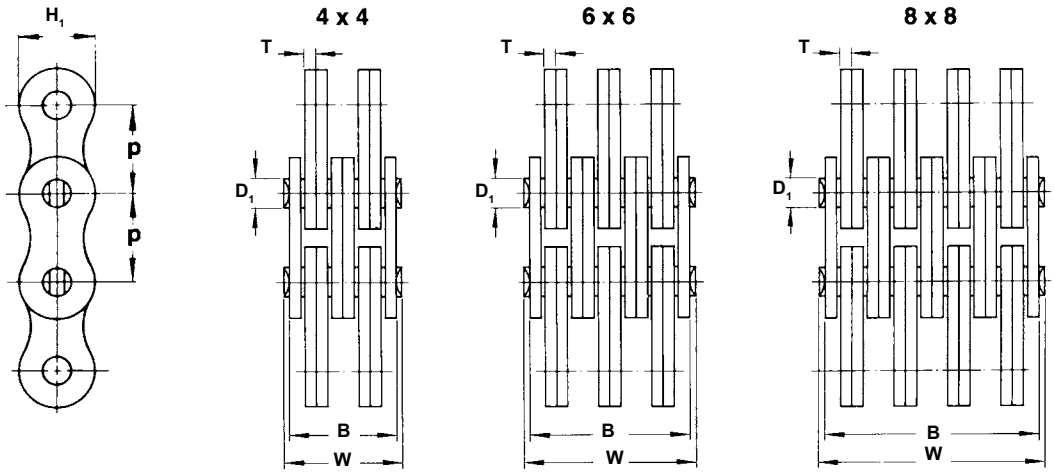
SHOWN WITH TERMINAL LINK

SHOWN WITHOUT TERMINAL LINK

European Standard Leaf Chain

Chain No.	Intl. Ref. No.	Pitch P	Lacing	Overall Width W	Pin Diameter D_1	Chain Height H_1	Plate Thickness T	Link Height H_2	Link Length L	Link Hole D_2	Break Load N	Weight kg/m
LF 122	LL 08 22		2 x 2	9.0							18,000	0.39
LF 124	LL 08 44	12.7	4 x 4	15.2	4.45	10.7	1.55	20	30	10	36,000	0.74
LF 126	LL 08 66		6 x 6	21.4							54,000	1.1
LF 152	LL 10 22		2 x 2	10							26,000	0.5
LF 154	LL 10 44	15.875	4 x 4	17.1	5.08	12.6	1.72	20	30	10	50,000	0.96
LF 156	LL 10 66		6 x 6	24.1							78,000	1.39
LF 192	LL 12 22		2 x 2	10.7							33,000	0.59
LF 194	LL 12 44	19.05	4 x 4	18.1	5.72	14.7	1.83	20	30	10	66,000	1.15
LF 196	LL 12 66		6 x 6	25.4							99,000	1.7
LF 252	LL 16 22		2 x 2	17.2							70,000	1.56
LF 254	LL 16 44	25.4	4 x 4	29.3	8.28	21.4	3	35	45	16	140,000	3.04
LF 256	LL 16 66		6 x 6	41.3							210,000	4.53
LF 312	LL 20 22		2 x 2	20.3							105,000	2.01
LF 314	LL 20 44	31.75	4 x 4	36.5	10.19	24.5	3.75	35	45	16	210,000	3.93
LF 316	LL 20 66		6 x 6	51.5							315,000	5.86
LF 382	LL 24 22		2 x 2	26.5							175,000	4.18
LF 384	LL 24 44	38.1	4 x 4	46.5	14.63	33.4	5	50	60	26	350,000	8.48
LF 386	LL 24 66		6 x 6	67.5							475,000	12.2
LF 442	LL 28 22		2 x 2	30.5							210,000	6.25
LF 444	LL 28 44	44.45	4 x 4	54.5	15.87	40	6	60	70	36	410,000	12.2
LF 446	LL 28 66		6 x 6	80.5							605,000	18.2
LF 502	LL 32 22		2 x 2	30.5							265,000	6.73
LF 504	LL 32 44	50.80	4 x 4	54.5	17.83	43	6	60	70	36	530,000	13.1
LF 506	LL 32 66		6 x 6	80.5				.			800,000	19.5
LF 508	LL 32 88		8 x 8	105.5							1,050,000	25.8

Metric Leaf Chain



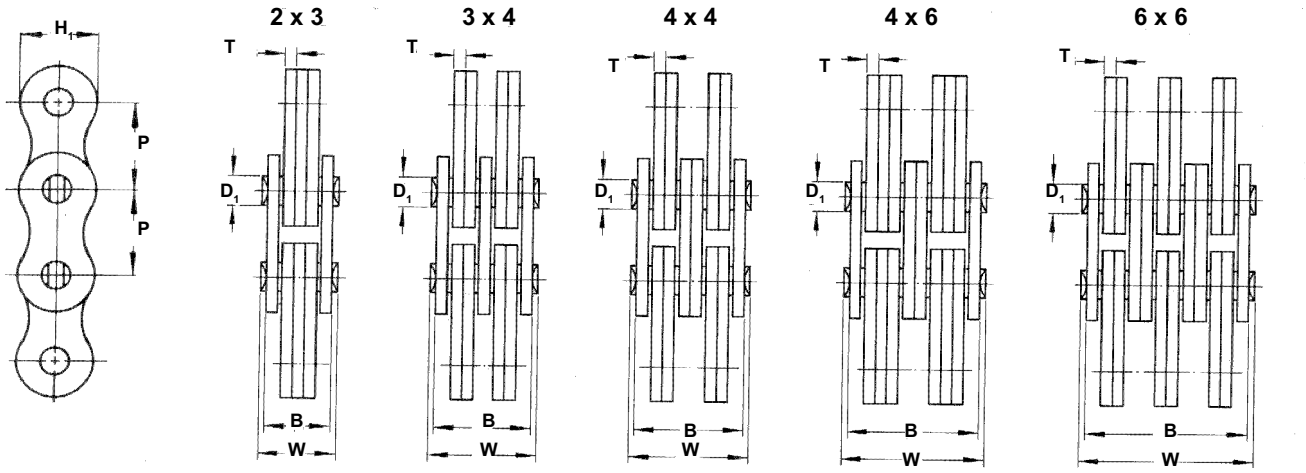
Leaf Chain with Case-Hardened Bushings

Chain No.	Pitch P	Lacing	Overall Width W	Plate Width B	Pin Diameter D_1	Chain Height H_1	Plate Thickness T	Break Load N	Weight kg/m
FB 124	12.7	4 x 4	15.2	12.8	4.45	11.7	1.55	36,000	0.93
FB 126		6 x 6	21.4	19				54,000	1.4
FB 154		4 x 4	17.1	14.5				52,000	1.2
FB 156	15.875	6 x 6	24.1	21.5	5.08	14.4	1.72	78,000	1.8
FB 158		8 x 8	30.9	28				102,000	2.3
FB 194	19.05	4 x 4	18.1	15.2	5.72	16.1	1.83	64,000	1.4
FB 196		6 x 6	25.4	22.6				95,000	2.3
FB 194 S	19.05	4 x 4	22.2	19.2	6.5	18.1	2.35	85,000	2
FB 196 S		6 x 6	31.7	28.8				130,000	2.9
FB 254	25.4	4 x 4	29.3	25.6	8.28	23	3	140,000	3.5
FB 256		6 x 6	41.3	37.5				210,000	5
FB 258		8 x 8	52.1	49				280,000	6.8

Leaf Chain in Special Heavy Duty Construction

FH 384		4 x 4	53.2	42				354,000	9.1
FH 386	38.1	6 x 6	75.2	62	14.63	33	5	540,000	12.5
FH 388		8 x 8	94.2	83				700,000	16.5
FH 504		4 x 4	60.2	50				530,000	13.5
FH 506	50.8	6 x 6	87.2	74	17.81	43	6	800,000	20
FH 508		8 x 8	111.2	99				1,050,000	26.5
FH 634		4 x 4	81.2	70				845,000	19.4
FH 636	63.5	6 x 6	112.2	101	22.89	52	8	1,270,000	29.1
FH 638		8 x 8	142.2	135				1,690,000	38.8

Metric Leaf Chain



Leaf Chain with Special Lacing

Chain No.	Pitch P	Lacing	Overall Width W	Plate Width B	Pin Diameter D_1	Chain Height H_1	Plate Thickness T	Break Load N	Weight kg/m
BL 523		2 x 3	15.3	12.6				33,400	1.1
BL 534		3 x 4	20.3	17.5				50,100	1.5
BL 544	15.875	4 x 4	22.7	20.0	5.96	15.1	2.4	66,800	1.8
BL 546		4 x 6	27.7	24.8				66,800	2.2
BL 623		2 x 3	20.7	17.0				48,900	1.8
BL 634		3 x 4	27.4	24.5				73,400	2.5
BL 644	19.05	4 x 4	30.7	27.8	7.94	18.1	3.2	97,800	2.9
BL 646		4 x 6	37.4	34.4				97,800	3.6
BL 666		6 x 6	44.2	41.0				146,800	4.3
BL 823		2 x 3	25.4	21.1				84,500	2.7
BL 834		3 x 4	33.7	29.2				126,800	3.8
BL 844	25.4	4 x 4	37.9	33.2	9.54	24.1	3.9	169,000	4.3
BL 846		4 x 6	46.1	41.4				169,000	5.4
BL 866		6 x 6	54.4	49.4				253,600	6.5
BL 1023		2 x 3	30.3	25.2				115,600	4.3
BL 1034	31.75	3 x 4	40.2	35.3	11.11	30.2	4.7	173,400	6.0
BL 1044		4 x 4	45.1	40.0				231,200	6.9
BL 1046		4 x 6	55.0	50.3				231,200	8.6

American Standard (ANSI) Chain
Leaf Chain

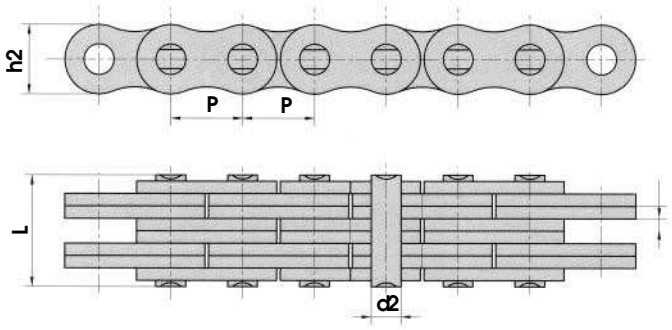
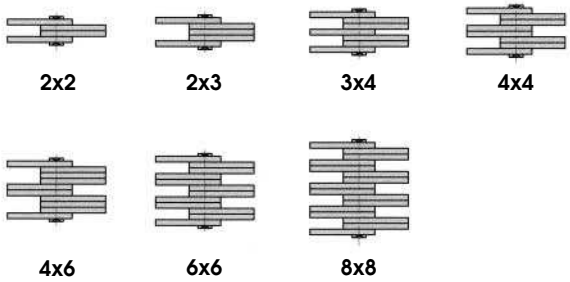


Plate Lacing



ANSI Chain No.	Pitch P	Plate Lacing min.	Plate Depth h2 max.	Plate Thickness T max.	Pin Diameter d2 max.	Pin Length L max.	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
BL422		2 x 2				0.435	22.2/5045	27.6	0.29
BL423		2 x 3				0.518	22.2/5045	27.6	0.36
BL432		3 x 4				0.685	33.4/7591	41.4	0.51
BL444	0.500	4 x 4	0.475	0.082	0.200	0.768	44.5/10114	56.0	0.58
BL446		4 x 6				0.935	44.5/10114	56.0	0.73
BL466		6 x 6				1.102	66.7/15159	81.7	0.87
BL488		8 x 8				1.435	89.0/20227	109.4	1.16
BL522		2 x 2				0.508	33.4/7591	43.1	0.40
BL523		2 x 3				0.605	33.4/7591	43.1	0.50
BL534		3 x 4				0.800	48.9/11114	65.6	0.68
BL544		4 x 4				0.897	66.7/15159	84.5	0.82
BL546	0.625	4 x 6	0.594	0.096	0.235	1.092	66.7/15159	84.5	1.00
BL566		6 x 6				1.287	100.1/22750	125.1	1.20
BL588		8 x 8				1.676	133.4/30318	169.5	1.59
BL622		2 x 2				0.684	48.9/11114	63.6	0.66
BL623		2 x 3				0.816	48.9/11114	63.6	0.82
BL634		3 x 4				1.080	75.6/17181	102.8	1.13
BL644	0.750	4 x 4	0.713	0.130	0.313	1.212	97.9/22250	120.9	1.32
BL646		4 x 6				1.476	97.9/22250	120.9	1.63
BL666		6 x 6				1.740	146.8/33364	190.8	1.95
BL688		8 x 8				2.268	195.7/44477	238.8	2.63
BL822		2 x 2				0.840	84.5/19204	108.2	1.00
BL823		2 x 3				1.003	84.5/19204	108.2	1.23
BL834		3 x 4				1.329	129.0/29318	170.0	1.72
BL844	1.000	4 x 4	0.950	0.161	0.376	1.492	169.0/38409	214.6	1.95
BL846		4 x 6				1.818	169.0/38409	214.6	2.45
BL866		6 x 6				2.144	253.6/57636	324.5	2.95
BL888		8 x 8				2.796	338.1/76841	432.7	3.90

American Standard (ANSI) Chain
Leaf Chain

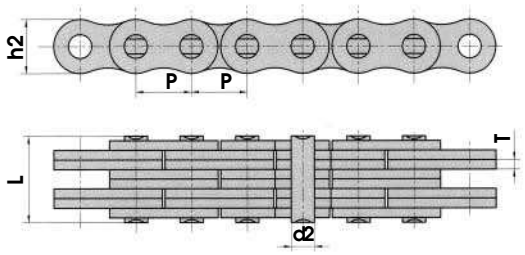
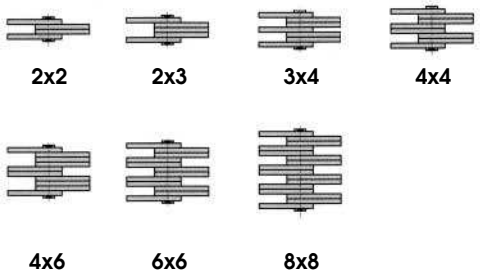


Plate Lacing



ANSI Chain No.	Pitch P	Plate Lacing min.	Plate Depth h2 max.	Plate Thickness T max.	Pin Diameter d2 max.	Pin Length L max.	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
BL1022		2 x 2				0.999	115.6/26272	150.8	1.54
BL1023		2 x 3				1.194	115.6/26272	150.8	1.95
BL1034		3 x 4				1.584	182.4/41454	231.6	2.72
BL1044	1.250	4 x 4	1.188	0.193	0.437	1.779	231.3/52568	291.4	3.13
BL1046		4 x 6				2.169	231.352568	291.4	3.90
BL1066		6 x 6				2.559	347.0/78863	430.3	4.67
BL1088		8 x 8				3.339	462.6/105136	555.1	6.26
BL1222		2 x 2				1.166	151.2/34363	192.0	2.09
BL1223		2 x 3				1.395	151.2/34363	192.0	2.63
BL1234		3 x 4				1.853	244.6/55591	315.9	3.68
BL1244	1.500	4 x 4	1.425	0.227	0.500	2.082	302.5/68750	381.1	4.22
BL1246		4 x 6				2.540	302.5/68750	381.1	5.26
BL1266		6 x 6				2.998	453.7/103113	543.6	6.31
BL1288		8 x 8				3.914	605.0/137500	726.0	8.44
BL1422		2 x 2				1.321	191.3/43477	225.7	2.77
BL1423		2 x 3				1.581	191.3/43477	225.7	3.45
BL1434		3 x 4				2.101	315.8/71772	372.6	4.81
BL1444	1.750	4 x 4	1.663	0.262	0.563	2.361	382.6/86954	451.2	5.54
BL1446		4 x 6				2.881	382.6/86954	451.2	6.90
BL1466		6 x 6				3.401	578.3/131431	682.4	8.26
BL1488		8 x 8				4.441	765.1/173886	902.8	11.03
BL1622		2 x 2				1.536	289.1/65704	341.1	3.63
BL1623		2 x 3				1.834	289.1/65704	341.1	4.54
BL1634		3 x 4				2.430	440.4/100091	519.6	6.35
BL1644	2.000	4 x 4	1.900	0.296	0.687	2.728	573.8/131431	680.4	7.26
BL1646		4 x 6				3.324	578.3/131431	680.4	9.07
BL1666		6 x 6				3.920	857.4/194863	1000.7	10.89
BL1688		8 x 8				5.112	1156.5/262841	1364.6	14.52
BL2022		2 x 2				2.037	433.7/98568	511.7	7.17
BL2023		2 x 3				2.429	433.7/98568	511.7	8.98
BL2034		3 x 4				3.213	649.4/147590	766.2	12.57
BL2044	2.500	4 x 4	2.375	0.390	0.937	3.605	867.4/197163	1023.5	14.34
BL2046		4 x 6				4.389	867.4/197163	1023.5	17.92
BL2066		6 x 6				5.173	1301.1/295704	1535.2	21.51
BL2088		8 x 8				6.741	1734.8/394272	2046.5	28.68

American Standard (ANSI) Chain
Leaf Chain

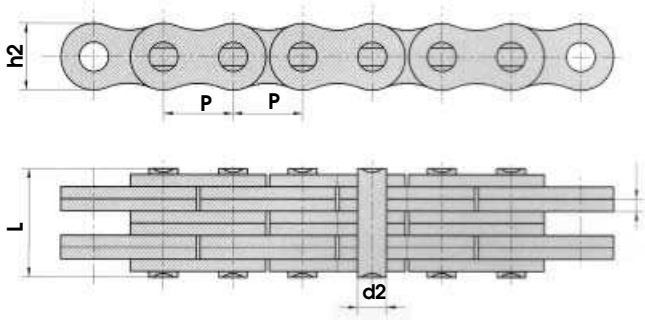
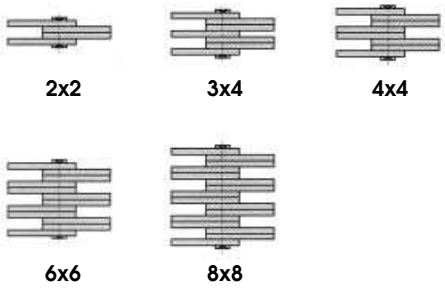
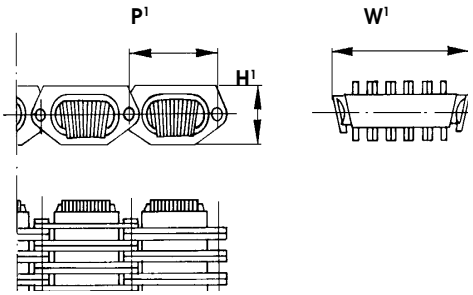


Plate Lacing

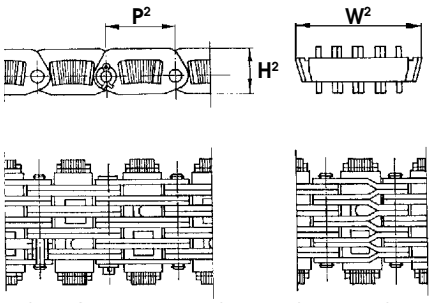


ANSI Chain No.	Pitch P	Plate Lacing min.	Plate Depth h2 max.	Plate Thickness T max.	Pin Diameter d2 max.	Pin Length L max.	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
AL322		2 x 2				0.268	9.0/2045	10.2	0.10
AL344	0.375	4 x 4	0.303	0.051	0.141	0.457	18.0/4090	20.0	0.21
AL422		2 x 2				0.327	14.1/3205	16.9	0.18
AL444	0.500	4 x 4	0.409	0.059	0.156	0.567	28.2/6409	35.2	0.34
AL466		6 x 6				0.807	42.3/9614	52.7	0.51
AL522		2 x 2				0.435	22.0/5000	27.5	0.29
AL534		3 x 4				0.669	33.0/7500	46.0	0.50
AL544	0.625	4 x 4	0.504	0.080	0.200	0.764	44.0/10000	55.0	0.57
AL566		6 x 6				1.083	66.0/15000	82.5	0.81
AL622		2 x 2				0.512	37.0/8409	44.4	0.39
AL644	0.750	4 x 4	0.614	0.095	0.234	0.894	63.7/14450	78.8	0.80
AL666		6 x 6				1.268	100.1/22750	118.6	1.18
AL688		8 x 8				1.661	133.4/30317	156.6	1.58
AL822		2 x 2				0.630	56.7/12886	68.6	0.70
AL844	1.000	4 x 4	0.807	0.128	0.312	1.157	113.4/25773	135.6	1.36
AL866		6 x 6				1.740	170.0/38636	202.3	2.02
AL1022		2 x 2				0.772	88.5/20114	107.1	1.08
AL1044	1.250	4 x 4	1.008	0.157	0.375	1.433	177.0/40227	203.6	2.12
AL1066		6 x 6				2.059	265.0/60227	315.3	3.27
AL1088		8 x 8				2.697	354.0/80454	421.2	4.51
AL1222		2 x 2				0.957	127.0/28864	151.1	1.66
AL1244	1.500	4 x 4	1.201	0.189	0.437	1.724	254.0/57727	299.7	3.20
AL1266		6 x 6				2.488	381.0/86591	426.3	4.76
AL1288		8 x 8				3.252	508.0/11545	568.4	6.37
AL1444	1.750	4 x 4	1.433	0.220	0.498	2.020	372.7/84705	413.6	4.69
AL1466		6 x 6				2.935	559.0/127045	620.4	6.88
AL1644	2.000	4 x 4	1.638	0.252	0.559	2.283	471.0/107045	522.8	5.89
AL1666		6 x 6				3.299	706.0/160454	783.6	8.97
AL1688		8 x 8				4.311	942.0/214090	1045.5	11.56

European PIV® Type Chain



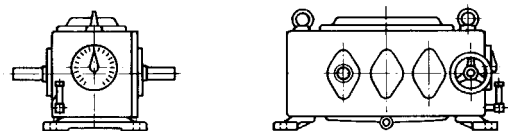
STANDARD "V" SERIES PIV CHAIN



LONG LIFE "L" SERIES PIV CHAIN

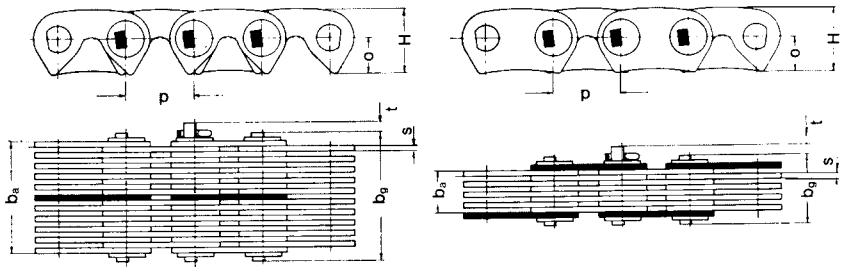
"V" SERIES PIV CHAIN					"L "SERIES PIV CHAIN					
Chain No.	P^1	W^1	H^1	Number of Links	Chain No.	P^2	W^2	H^2	Number of Links	Weight kg
V 024	18.7	24.6	9.5	24	**L 029**	15.3	25.6	9.5	29	0.60
V 025	18.7	24.6	9.5	25	**L 030**	15.3	25.6	9.5	30	0.63
V 026	18.7	24.6	9.5	26	**L 031**	15.3	25.6	9.5	31	0.65
V 027	18.7	24.6	9.5	27	**L 033**	15.3	25.6	9.5	33	0.68
V 029	18.7	24.6	9.5	29	**L 036**	15.3	25.6	9.5	36	0.73
V 030	18.7	24.6	9.5	30	**L 037**	15.3	25.6	9.5	37	0.75
V 035	18.7	24.6	9.5	35	**L 043**	15.3	25.6	9.5	43	0.88
VZ 222	24.95	37.6	13.4	22	**L 227**	20.1	37.6	12.8	27	1.15
VZ 225	24.95	37.6	13.4	25	**L 231**	20.1	37.6	12.8	31	1.31
VZ 226	24.95	37.6	13.4	26	**L 232**	20.1	37.6	12.8	32	1.36
VZ 229	24.95	37.6	13.4	29	**L 236**	20.1	37.6	12.8	36	1.52
VZ 230	24.95	37.6	13.4	30		20.1	37.6	12.8		1.57
VZ 231	24.95	37.6	13.4	31	**L 238**	20.1	37.6	12.8	38	1.62
VZ 232	24.95	37.6	13.4	32	**L 240**	20.1	37.6	12.8	40	1.68
VZ 233	24.95	37.6	13.4	33	**L 241**	20.1	37.6	12.8	41	1.73
VZ 326	28.6	44.6	16	26	**L 329**	25.5	44.6	18.8	29	2.27
VZ 327	28.6	44.6	16	27	**L 330**	25.5	44.6	18.8	30	2.35
VZ 328	28.6	44.6	16	28	**L 332**	25.5	44.6	18.8	32	2.44
VZ 332	28.6	44.6	16	32	**L 336**	25.5	44.6	18.8	36	2.79
VZ 333	28.6	44.6	16	33	**L 337**	25.5	44.6	18.8	37	2.88
VZ 334	28.6	44.6	16	34	**L 338**	25.5	44.6	18.8	38	2.96
VZ 335	28.6	44.6	16	35	**L 340**	25.5	44.6	18.8	40	3.05
VZ 425	35.85	59	20.6	25						
VZ 428	35.85	59	20.6	28						
VZ 433	35.85	59	20.6	33						
VZ 434	35.85	59	20.6	34						
VZ 435	35.85	59	20.6	35						
VZ 538	35.85	70.6	20.6	38						
VZ 539	35.85	70.6	20.6	39						
VZ 540	35.85	70.6	20.6	40						
VZ 541	35.85	70.6	20.6	41						
VZ 636	46.5	77	23.4	36						
VZ 637	46.5	77	23.4	37						
VZ 638	46.5	77	23.4	38						
VZ 639	46.5	77	23.4	39						

Note: The new Long Life "L" series is more flexible and durable, plus completely interchanges with the old "V" series. A better value for the same money.



Complete units may be special ordered. We will begin a stocking program for these units in the near future.

European Type Silent Chain



Center Guide Side Guide (A)

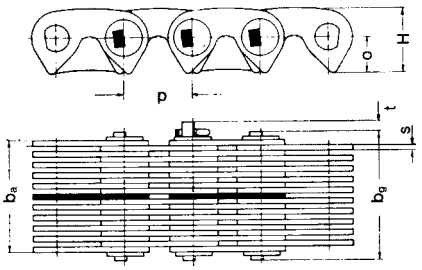
Chain No.	Pitch p	Chain Width b_a Center Guide	Width Between Guides (b_g) Side Guide	Approximate Breaking Strength KP	Weight kg/m
KX 015A	9.525	19.05	12.7	1,500	0.64
KX 020A	9.525	25.4	19.05	2,300	0.86
KX 025	9.525	25.4		3,100	0.96
KX 030	9.525	31.75		3,900	1.16
KX 030A	9.525	31.75	23.8	3,900	1.16
KX 035	9.525	38.1		4,700	1.39
KX 315A	12.7	19.05	12.7	2,100	0.83
KX 320A	12.7	25.4	19.05	3,100	1.12
KX 325	12.7	25.4		4,150	1.39
KX 330	12.7	31.75		5,200	1.54
KX 335	12.7	38.1		6,200	1.84
KX 350	12.7	50.8		8,300	2.42
KX 365	12.7	63.5		10,400	3.02
KX 425	15.875	25.4		5,500	1.68
KX 435	15.875	31.75		7,300	2.31
KX 440	15.875	44.45		9,200	2.75
KX 450	15.875	50.8		11,000	3.35
KX 465	15.875	63.5		14,600	4.30
KX 535	19.05	31.75		8,800	2.66
KX 540	19.05	44.45		11,000	3.22
KX 550	19.05	50.8		13,200	2.95
KX 565	19.05	63.5		17,600	5.15
KX 575	19.05	72.2		19,800	6.20
KX 650	25.4	50.8		16,800	5.60
KX 650A	25.4	50.8	34.9	21,000	5.60
KX 665	25.4	63.5		21,000	6.80
KX 675	25.4	76.2		25,200	8.20
KX 6100	25.4	101.6		33,600	10.70
KX 6125	25.4	127.0		42,000	12.70
KX 6180	25.4	180.0		48,000	13.50
KX 865	38.1	63.5		31,500	10.30
KX 875	38.1	76.2		37,800	11.60
KX 8100	38.1	88.9		50,400	16.20
KX 8100A	38.1	88.9	85.7	50,400	16.20
KX 8125	38.1	127.0		63,000	20.10
KX 8150	38.1	152.4		75,600	23.60

There are slight dimensional differences between manufactures of silent chain. For maximum life our silent chain sprockets should be used with our silent chain. To assure proper purchase, send sample for identification.

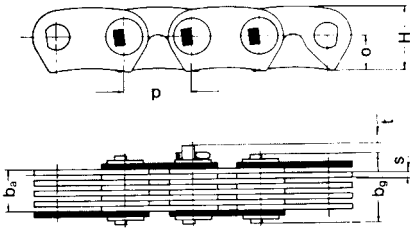
NOTE: ORIGINAL, WABCO-WESTINGHOUSE, GERMAN BRAND CHAIN AND SPROCKETS AVAILABLE BY SPECIAL QUOTE. DELIVERY USUALLY 6 TO 8 WEEKS.

German Type Silent Chain

Internal Guide



External Guide



Designation of an inverted tooth chain type 300, 1/2" pitch

Norminal Width 30 mm
Internal Guide: KH 300

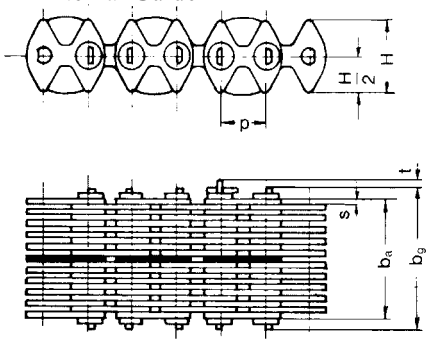
Norminal Width 20 mm
External Guide: KH 320 A

Chain No.	Pitch p	*RZ	Nominal Width b_n	Working Width b_a	Overall Width b_g	Breaking Load F_a(N)	Weight kg/m	Sprocket Width b (mm)	H	o	s	t
KH 2212 A		12	12	11	17	5,800	0.50	10				
KH 2215 A	5/16"	14	15	13	19	6,900	0.57	12	7.7	4.2	1	2
KH 2220 A	7.9375 mm	18	20	17	23	9,000	0.74	16.5				
KH 2225		25	25	27	31	13,200	0.95	30				
KH 015 A		10	15	12.5	20	14,500	0.64	12				
KH 020 A	3/8"	14	20	18.8	26	21,000	0.86	18				
KH 025	9.525 mm	17	25	26.5	31	27,400	0.94	30	9.2	5.2	1.5	2
KH 030		21	30	33	37	34,000	1.16	35				
KH 035		25	35	39	44	40,000	1.39	40				
KH 315 A		10	15	12.5	22	18,500	0.83	12				
KH 320 A		14	20	19	27.5	26,500	1.12	18				
KH 325	1/2"	17	25	26.5	33	34,600	1.39	30	12.3	6.7	1.5	2.5
KH 330	12.7 mm	21	30	33	39	43,000	1.54	35				
KH 335		25	35	39	45	51,000	1.84	40				
KH 350		33	50	51.5	58	67,500	2.42	55				
KH 425		13	25	27	33	46,000	1.68	30				
KH 435	5/8"	17	35	35.5	41.5	61,000	2.31	40	15.4	8.4	2	3
KH 450	15.875 mm	25	50	52	58	89,000	3.35	55				
KH 465		33	65	69	74.5	117,500	4.30	70				
KH 535		17	35	35.5	43	73,500	2.66	40				
KH 550	3/4"	25	50	52	59	108,000	3.95	55	18.4	10	2	3.5
KH 565	19.05 mm	33	65	68.5	76	142,000	5.15	70				
KH 575		37	75	77	84	160,000	6.20	80				
KH 650		17	50	53	61	127,000	5.60	55				
KH 665	1"	21	65	65	73	157,000	6.80	70	25	13.1	3	4
KH 675	25.4 mm	25	75	77.5	85.5	187,000	8.20	80				
KH 6100		33	100	103	111	245,000	10.70	105				
KH 865		21	65	65.5	77.5	257,000	10.30	75				
KH 875	1-1/2"	25	75	78	90	306,000	11.60	85	37	20.1	3	6
KH 8100	38.1 mm	33	100	103	115	403,000	16.20	110				
KH 8150		49	150	153	165	600,000	23.60	160				
KH 9100		25	100	104	117	490,000	22.40	110				
KH 9115	2"	29	115	120	133	570,000	25.60	125	49.2	26.8	4	7
KH 9150	50.8 mm	37	150	153	166	725,000	32.60	160				
KH 9180		45	180	186	199	880,000	38.20	190				

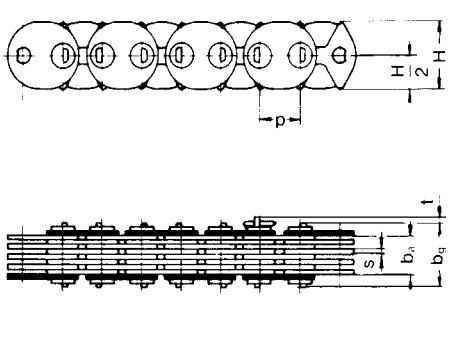
Dimensions in mm – *RZ = Number of rows = total number of plates per cradle joint. – Other pitches and chain widths available upon request. – Sprockets available upon request.

Biflex Toothed Chain

Internal Guide



External Guide



Designation of a 1/2" Biflex toothed chain
Nominal Width 30 mm
Internal Guide: BIZ 330

Nominal Width 15 mm
External Guide: BIZ 315A

Chain No.	Pitch p	*RZ	Nominal Width b_n	Working Width b_a	Overall Width b_g	Breaking Load F_a(N)	Weight kg/m	Sprocket Width b (mm)	H	s	t
BIZ 015A		10	15	12.5	20	17,400	0.9	12			
BIZ 020A		14	20	18.8	26	25,200	1.2	18.3			
BIZ 025		17	25	26.5	31	32,900	1.5	30			
BIZ 030	3/8"	21	30	33	37	41,000	1.8	35			
BIZ 040	9.525 mm	25	40	39	44	48,000	2.1	45	14	1.5	2
BIZ 050		33	50	51.5	56	64,000	2.8	55			
BIZ 065		41	65	64	69	79,000	3.4	70			
BIZ 315A		10	15	12.5	22	28,300	1.3	12			
BIZ 320A		13	20	17.2	26	34,500	1.6	16.5			
BIZ 325		17	25	26.5	33	53,000	2	30			
BIZ 330		21	30	33	39	66,000	2.4	35			
BIZ 340		25	40	39	45	78,000	2.8	45			
BIZ 350	1/2"	33	50	51.5	58	104,000	3.7	55	18	1.5	2.5
BIZ 365	12.7 mm	41	65	64	70	129,000	4.6	70			
BIZ 375		49	75	77	83	154,000	5.4	80			
BIZ 380		53	80	83	89	166,000	5.8	85			
BIZ 3100		65	100	102	108	204,000	7.2	105			
BIZ 530A		15	30	27	39	72,000	3.5	25			
BIZ 535		17	35	35.5	43	95,000	3.9	40			
BIZ 550		25	50	52	59	139,000	5.6	55			
BIZ 565	3/4"	33	65	68.5	76	184,000	7.3	70			
BIZ 590	19.05 mm	45	90	93.5	101	251,000	9.8	95	27	2	3.5
BIZ 5125		61	125	127	134	340,000	13.2	130			
BIZ 5135		65	135	135	143	362,000	14.1	140			

Dimensions in mm – *RZ = in-series number = total number of plates per joint. – Other pitches and chain widths available upon request. – Sprockets available upon request.

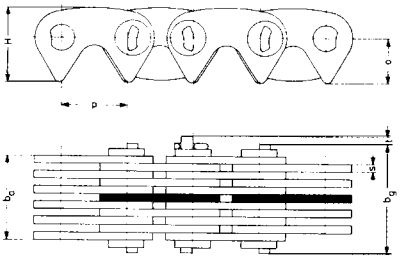
Biflex toothed chains are available with the following pitches: 3/8", 1/2", 3/4".

If not otherwise specified, the chains are delivered open with a split pin fastener included.

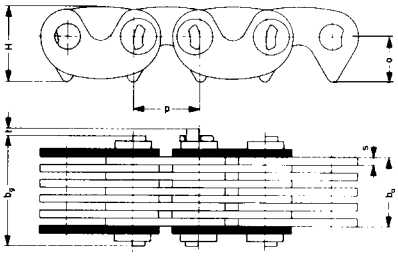
For circulating chains even numbers of pitches must be used. Chains with odd numbers of pitches cannot be connected together and are only permitted in cases where the chain ends are connected to parts of the machine.

HDL-Inverted Toothed Chain

Internal Guide



External Guide



Designation of an HDL-tooth chain, 1/2" pitch

Nominal Width 65 mm
Internal Guide: HDL 365

Nominal Width 20 mm
External Guide: HDL 320A

Chain No.	Pitch p	*RZ	Nominal Width b_n	Working Width b_a	Overall Width b_g	Breaking Load F_a(N)	Weight kg/m	Sprocket Width b (mm)	H	o	s	t
HDL 015A		10	15	12.5	20.5	17,700	0.82	12				
HDL 020A		13	20	17	25	21,700	1.05	16.5				
HDL 025	3/8"	17	25	26.5	31.5	33,000	1.4	30				
HDL 030	9.525 mm	21	30	33	38	41,000	1.7	35		6.7	1.5	2
HDL 040		25	40	39	44	49,000	2	45	10.9			
HDL 050		33	50	51.5	56.5	65,000	2.6	55				
HDL 065		41	65	64	69	81,000	3.2	70				
HDL 320A		13	20	17	26.5	33,000	1.4	16.5				
HDL 325		17	25	26.5	32.5	51,000	1.8	30				
HDL 330		21	30	33	39	64,000	2.2	35				
HDL 340	1/2"	25	40	39	45	76,000	2.6	45				
HDL 350	12.7 mm	33	50	51.5	57.5	100,000	3.4	55		8.7	1.5	2.5
HDL 365		41	65	64	70	129,000	4.2	70	14.5			
HDL 375		49	75	77	83	149,000	5	80				
HDL 3100		65	100	102	108	198,000	6.6	105				
HDL 530A		15	30	27	38.5	70,000	3.35	26				
HDL 535		17	35	35.5	42.5	91,000	3.75	40				
HDL 540		21	40	43.5	50.5	113,000	4.6	45				
HDL 550		25	50	52	59	135,000	5.4	55				
HDL 565	3/4"	33	65	68.5	76.5	175,000	7.1	70				
HDL 585	19.05 mm	41	85	85.5	92.5	220,000	8.8	90		10.7	2	3.5
HDL 5100		49	100	102	109	265,000	10.4	105	21			
HDL 5125		61	125	127	134	325,000	13	130				
HDL 5150		73	150	152	159	390,000	15.5	155				
HDL 5200		97	200	202	209	520,000	20.5	205				
HDL 640		13	40	41	49	140,000	5.7	50				
HDL 650		17	50	53	61	183,000	7.4	60				
HDL 665		21	65	65	73	225,000	9.1	75				
HDL 675	1"	25	75	77	85	265,000	10.7	85				
HDL 6100	25.4 mm	33	100	102	110	355,000	14.1	110		14	3	6
HDL 6125		41	125	127	135	440,000	17.5	135	27.7			
HDL 6150		49	150	152	160	530,000	21	160				
HDL 6200		65	200	201	209	700,000	28	210				

Dimensions in mm – *RZ = total number of plates per rolling pivot joint. – Other chain widths available upon request. – Sprockets available upon request.

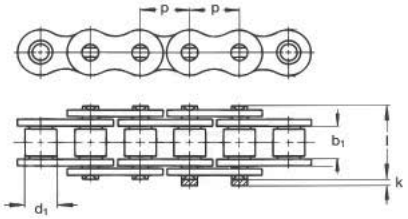
They are delivered open and with a split pin connector included, if not otherwise specified.

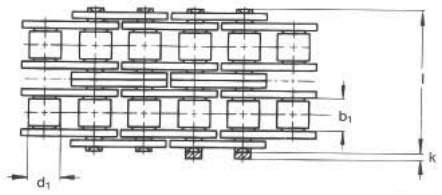
For continuous chains even numbers of pitches must be used, because ends of chains with an odd number of pitches cannot be joined.

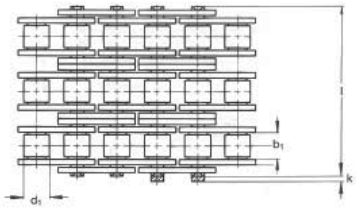
Odd numbers are permitted only if the ends of the chain are to be connected to mechanical components.

Standard Metric Roller Chain

(DIN 8180/8187 and BS 228)







Single Roller Chain

Connector links are wider than chain sections. Overall dimensions may vary depending on manufacturer.

Chain Size	Ametric® Chain No.	ISO No.	Pitch p	Between Inner Plates b_1	Roller Diameter d_1	Chain Width* l	C.L. Width Extension k	Weight kg/m	Weight lbs/ft	Breaking Strength N	Pin Diameter
5 x 2.5	02	03B	5.00	2.50	3.20	7.4	2.5	0.08	0.05	2,200	1.49
6 x 2.8	12	04B	6.00	2.80	4.00	7.4	2.9	0.15	0.07	3,000	1.85
8 x 1/8	22	05B	8.00	3.00	5.00	8.6	3.1	0.18	0.12	5,000	2.31
3/8 x 7/32	32*	06B	9.52	5.72	6.35	13.5	3.3	0.41	0.28	9,000	3.28
1/2 x 5/16	42	08B	12.70	7.75	8.51	17	3.9	0.70	0.47	18,000	4.45
1/2 x 1/8	43	081	12.70	3.30	7.75	10.2	1.5	0.28	0.19	8,200	3.66
1/2 x 3/32	45	082	12.70	2.38	7.75	8.2	–	0.26	0.17	10,000	3.66
1/2 x 3/16	46	083	12.70	4.88	7.75	12.9	1.5	0.42	0.28	12,000	4.09
1/2 X 1/4	47	085	12.70	6.38	7.77	14.0	2.0	0.38	0.26	6,800	3.58
1/2 x 1/4	48	085	12.70	6.40	7.75	15.4	1.5	0.62	0.42	6,800	3.97
5/8 x 3/8	52	10B	15.87	9.65	10.16	19.6	4.1	0.91	0.61	22,400	5.08
3/4 x 7/16	62	12B	19.05	11.68	12.07	22.7	4.6	1.18	0.79	29,000	5.72
1 x 17	82	16B	25.40	17.02	15.88	36.1	5.4	2.68	1.80	60,000	8.28
1¼ x 3/4	102	20B	31.75	19.56	19.05	43.2	6.1	3.50	2.35	95,000	10.19
1½ x 1	122	24B	38.10	25.40	25.40	53.4	6.6	6.80	4.57	160,000	14.63
1¾ x 1¼	142	28B	44.45	30.99	27.94	65.1	7.4	8.50	5.71	200,000	15.90
2 x 1¼	162	32B	50.80	30.99	29.21	67.4	7.9	10.5	7.06	250,000	17.81
2½ x 1½	202	40B	63.50	38.10	39.37	82.6	10	16.4	11.02	355,000	22.89
3 x 1¾	242	48B	76.20	45.72	48.26	99.1	10	25.0	16.80	560,000	29.24

Double Roller Chain

6 x 2.8	2012	04B-2	6.00	2.80	4.00	13.3	2.9	0.23	0.15	5,000	1.85
8 x 1/8	2022	05B-2	8.00	3.00	5.00	14.3	3.1	0.36	0.24	7,800	2.31
3/8 x 7/32	2032*	06B-2	9.52	5.72	6.35	23.8	3.3	0.78	0.52	16,900	3.28
1/2 x 5/16	2042	08B-2	12.70	7.75	8.51	31	3.9	1.36	0.91	32,000	4.45
5/8 x 3/8	2052	10B-2	15.87	9.65	10.16	36.2	4.1	1.82	1.22	44,500	5.08
3/4 x 7/16	2062	12B-2	19.05	11.68	12.07	42.2	4.6	2.38	1.60	57,800	5.72
1 x 17	2082	16B-2	25.40	17.02	15.88	68	5.4	5.30	3.56	106,000	8.28
1¼ x 3/4	2102	20B-2	31.75	19.56	19.05	79	6.1	7.30	4.91	170,000	10.19
1½ x 1	2122	24B-2	38.10	25.40	25.40	101	6.6	13.4	9.00	280,000	14.63
1¾ x 1¼	2142	28B-2	44.45	30.99	27.94	124	7.4	16.6	11.15	360,000	15.90
2 x 1¼	2162	32B-2	50.80	30.99	29.21	126	7.9	21.0	14.11	450,000	17.81
2½ x 1½	2202	40B-2	63.50	38.10	39.37	154	10	32.6	21.91	630,000	22.89
3 x 1¾	2242	48B-2	76.20	45.72	48.26	190	10	50.0	33.60	1,000,000	29.24

Triple Roller Chain

8 x 1/8	3022	05B-3	8.00	3.00	5.00	19.9	3.1	0.54	0.36	10,200	2.31
3/8 x 7/32	3032*	06B-3	9.52	5.72	6.35	34	3.3	1.18	0.79	23,600	3.28
1/2 x 5/16	3042	08B-3	12.70	7.75	8.51	44.9	3.9	2.01	1.35	47,500	4.45
5/8 x 3/8	3052	10B-3	15.87	9.65	10.16	52.8	4.1	2.70	1.81	66,700	5.08
3/4 x 7/16	3062	12B-3	19.05	11.68	12.07	61.7	4.6	3.12	2.10	86,700	5.72
1 x 17	3082	16B-3	25.40	17.02	15.88	99.9	5.4	7.50	5.04	160,000	8.28
1¼ x 3/4	3102	20B-3	31.75	19.56	19.05	116	6.1	10.6	7.12	250,000	10.19
1½ x 1	3122	24B-3	38.10	25.40	25.40	150	6.6	20.0	13.44	425,000	14.63
1¾ x 1¼	3142	28B-3	44.45	30.99	27.94	184	7.4	25.0	16.8	530,000	15.90
2 x 1¼	3162	32B-3	50.80	30.99	29.21	184	7.9	32.0	21.5	670,000	17.81
2½ x 1½	3202	40B-3	63.50	38.10	39.37	227	10	48.7	32.72	950,000	22.89
3 x 1¾	3242	48B-3	76.20	45.72	48.26	281	10	75.0	50.4	1,500,000	29.24

Note: *= straight side bar construction

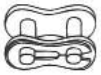
Roller Link or Inner Link - Used for replacement of damaged rollers.

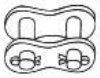
Offset Link - Used to assemble chain strands when an odd number of pitches is desired.

Connector Link - Used to asemble chain strands when an even number of pitches is desired.


Inner Link


Outer Link (Riveted Conn. Link)


Conn. Link with Spring Clip

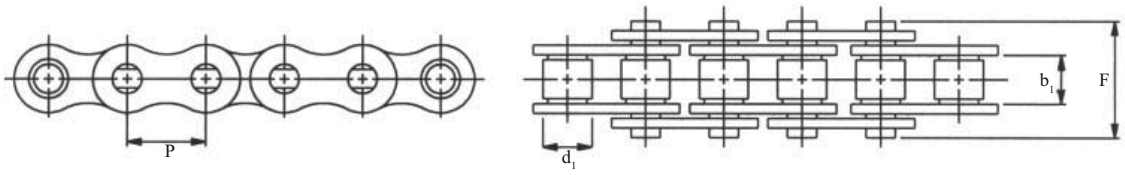

Conn. Link with Cotter Pins


Half Link with Cotter Pin


Offset Link

Metric Stainless Steel Roller Chain

(Material AISI 304/DIN 1.4301)



Single Chain

Chain Size	Ametric® Chain No.	ISO No.	Pitch P mm	Between Plates b_1	Roller Dia. d_1	Overall Width F	Weight kg/m	Breaking Load N
8 x 1/8	**22SS**	05B	8.00	3.00	5.00	11.7	0.18	4,000
3/8 x 7/32	**32SS***	06B	9.53	5.72	6.35	16.8	0.41	7,000
1/2 x 1/8	**43SS**	081	12.70	3.30	7.75	11.7	0.28	7,000
1/2 x 5/16	**42SS**	08B	12.70	7.75	8.51	20.9	0.78	12,000
5/8 x 3/8	**52SS**	10B	15.88	9.65	10.16	23.7	1.03	14,500
3/4 x 7/16	**62SS**	12B	19.05	11.68	12.07	27.3	1.29	18,500
1 x 17	**82SS**	16B	25.40	17.02	15.88	41.5	3.29	40,000

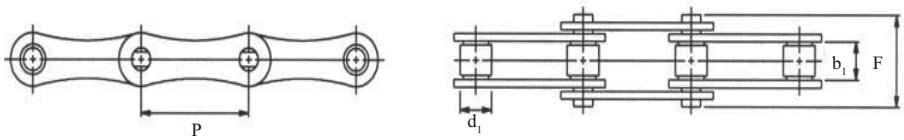
Double Chain

3/8 x 7/32	**2032SS***	06B-2	9.53	5.72	6.35	27.1	0.78	11,900
1/2 x 5/16	**2042SS**	08B-2	12.70	7.75	8.51	34.9	1.36	20,400
5/8 x 3/8	**2052SS**	10B-2	15.88	9.65	10.16	40.3	1.82	24,650
3/4 x 7/16	**2062SS**	12B-2	19.05	11.68	12.07	46.8	2.38	31,450
1" x 17 mm	**2082SS**	16B-2	25.40	17.02	15.88	73.4	5.10	68,000

Triple Chain

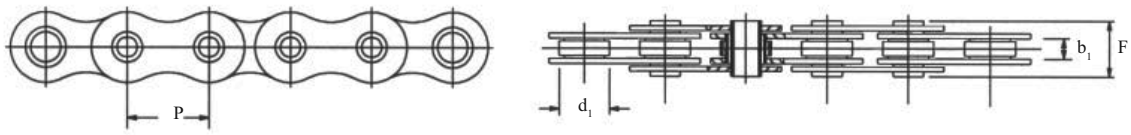
1/2 x 5/16	**3042SS**	08B-3	12.70	7.75	8.51	48.8	2.01	
5/8 x 3/8	**3052SS**	10B-3	15.88	9.65	10.16	56.9	2.70	
3/4 x 7/16	**3062SS**	12B-3	19.05	11.68	12.07	66.3	3.12	
1" x 17 mm	**3082SS**	16B-3	25.40	17.02	15.88	105.3	7.50	

Note: *= straight side bar construction



Long Pitch Chain

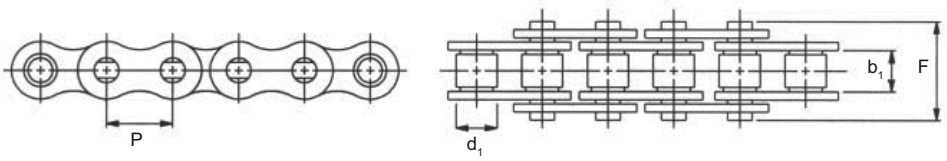
1 x 5/16	**83SS**	208 B	25.40	7.75	8.51	20.9	0.48	12,000
1 1/4 x 3/8	**103SS**	210 B	31.75	9.65	10.16	23.7	0.55	14,500
1 1/2 x 15/32	**123SS**	212 B	38.10	11.68	12.07	27.3	0.80	18,500
2 x 11/16	**163SS**	216 B	50.80	17.02	15.88	41.5	1.74	40,000



Hollow Pitch Chain

2 x 3/4	**850.3SS**		50.80	11.00	30.00	27.0	1.97	50,000

Nickel Plated Metric Roller Chain



Single Chain

Chain Size	Ametric® Chain No.	ISO No.	Pitch P mm	Between Inner Plate b_1 mm	Roller Diameter d_1 mm	Overall Width F mm	Weight kg/m	Package Size	Breaking Load N
8 x 1/8	**22 N**	05B	8.00	3.00	5.00	9.6	0.07	5 m	4,600
3/8 x 7/32	**32 N***	06B	9.52	5.72	6.35	13.5	0.41	5 m	9,100
1/2 x 5/16	**42 N**	08B	12.70	7.75	8.51	17.0	0.72	5 m	18,200
5/8 x 3/8	**52 N**	10B	15.87	9.65	10.16	19.6	0.95	5 m	22,700
3/4 x 7/16	**62 N**	12B	19.05	11.68	12.07	22.7	1.25	5 m	29,500
1" x 17mm	**82 N**	16B	25.40	17.02	15.88	36.1	2.70	5 m	58,000

Double Chain

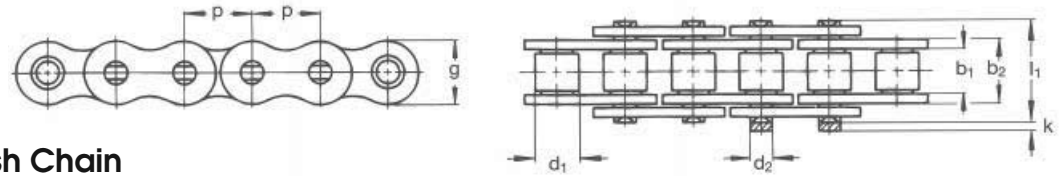
3/8 x 7/32	**2032 N***	06B-2	9.52	5.72	6.35	23.8	0.78	5 m	17,300
1/2 x 5/16	**2042 N**	08B-2	12.70	7.75	8.51	31.0	1.35	5 m	31,800
5/8 x 3/8	**2052 N**	10B-2	15.87	9.65	10.16	36.2	1.85	5 m	45,400
3/4 x 7/16	**2062 N**	12B-2	19.05	11.68	12.07	42.2	2.50	5 m	59,000
1" x 17mm	**2082 N**	16B-2	25.40	17.02	15.88	68.0	5.40	5 m	110,000

Triple Chain

3/8 x 7/32	**3032 N***	06B-3	9.52	5.72	6.35	34.0	1.18	5 m	25,400
1/2 x 5/16	**3042 N**	08B-3	12.70	7.75	8.51	44.9	2.00	5 m	45,400
5/8 x 3/8	**3052 N**	10B-3	15.87	9.65	10.16	52.8	2.80	5 m	68,100
3/4 x 7/16	**3062 N**	12B-3	19.05	11.68	12.07	61.7	3.80	5 m	88,500
1" x 17mm	**3082 N**	16B-3	25.40	17.02	15.88	99.9	8.00	5 m	165,000

Note: *= straight side bar construction

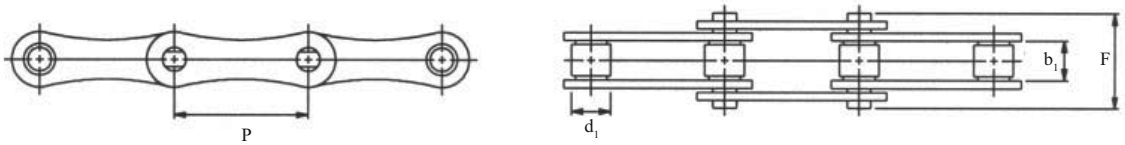
Metric Solid Bush Chain



DIN 8164 Bush Chain

Chain Size mm	Ametric® Chain No.	Pitch P mm	Between Inner Plate b_1 mm	Roller Link Width b_2 mm	Bush Diameter d_1 mm	Bush Diameter d_2 mm	Overall Width l mm	Con. Pin Width k mm	Side Plate Thickness s mm	Weight kg/m	Package Size	Breaking Load N
15 x 14	**415**	15	14	18.5	9	6	26	4	2	1.21	5 m	12,500
20 x 16	**420**	20	16	22.5	12	8	33	6	3	2.07	5 m	25,000
25 x 18	**425**	25	18	24.5	15	10	37	7	3	2.55	5 m	31,500
30 x 20	**430**	30	20	28.5	17	11	43	7	4	4.00	5 m	40,000
35 x 22	**435**	35	22	30.5	18	12	45	10	4	4.30	5 m	50,000
40 x 25	**440**	40	25	35.5	20	14	53	9	5	5.50		63,000
45 x 30	**445**	45	30	42.5	22	16	62	9	6	7.55		80,000
50 x 35	**450**	50	35	47.5	26	18	67	13	6	9.04		100,000
55 x 45	**455**	55	45	61.5	30	20	86	14	8	13.60		125,000
60 x 50	**460**	60	50	66.5	32	22	92	13	8	14.90		160,000
65 x 50	**465**	65	55	72.0	36	26	98	16	8	18.90		200,000
70 x 65	**470**	70	65	85.5	42	30	117	14	10	24.70		250,000

Metric Long Pitch Roller Chain



DIN 8181 / ISO 1275 Long Pitch Roller Chain

Chain Size	Ametric® Chain No.	ISO No.	Pitch P mm	Between Plates b_1	Roller Diameter d_1	Overall Width F	Weight kg/m	Breaking Strength N
1 x 5/16	**83**	208 B	25.40	7.75	8.51	17.0	0.49	18,200
1¼ x 3/8	**103**	210 B	31.75	9.65	10.16	19.6	0.63	22,400
1½ x 15/32	**123**	212 B	38.10	11.68	12.07	22.0	0.83	29,500
2 x 11/16	**163**	216 B	50.80	17.02	15.88	34.6	1.74	58,000
2½ x 3/4	**203**	220 B	63.50	19.56	19.05	49.3	2.55	95,000
3 x 1	**243***	224 B	76.20	25.40	25.40	60.0	5.80	170,000

Non-Standard Long Pitch Roller Chain

	123.1*	212 A	38.10	12.70	11.91	33.5	1.57	31,800
	123.2*		38.10	12.70	22.23	33.5	2.20	31,800
	203.1*		63.50	19.05	19.05	49.5	3.70	88,500

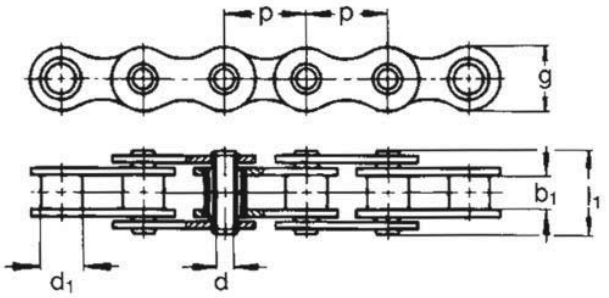
DIN 8189 / ISO R 487-1966 Metric Agricultural Roller Chain

	729.1	S 32	29.21	15.88	11.43	29.3	0.87	10,000
	729.2**	S 32	29.21	15.88	11.43	29.3	0.87	10,000
	735.1	S 42	34.93	19.05	14.27	36.9	1.70	33,000
	738.1	S 52	38.10	22.23	15.24	40.7	1.60	23,000
	738.2		38.40	19.10	15.90	35.0	1.67	33,000
	741.1	S 45	41.40	22.23	15.24	40.7	1.59	23,000
	741.2		41.40	22.23	17.78	42.5	2.11	50,000
	741.3	S 55	41.40	22.23	17.78	40.7	1.86	23,000
	741.4		41.40	22.85	17.78	47.0	2.65	56,000
	741.5*		41.50	20.70	15.90	41.6	2.59	56,000
	741.6	S 62	41.91	25.40	19.05	43.2	2.14	27,000
	758.1	S 77	58.34	22.23	18.26	47.7	2.59	60,000
	766.1	S 88	66.27	28.58	22.86	54.6	3.05	60,000

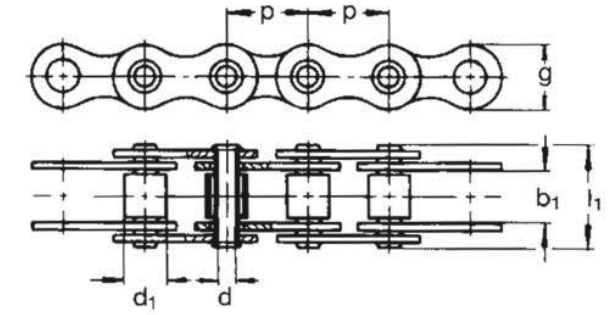
*** = Straight side plates**
**** = Curled rollers**

Metric Hollow Pin Chain

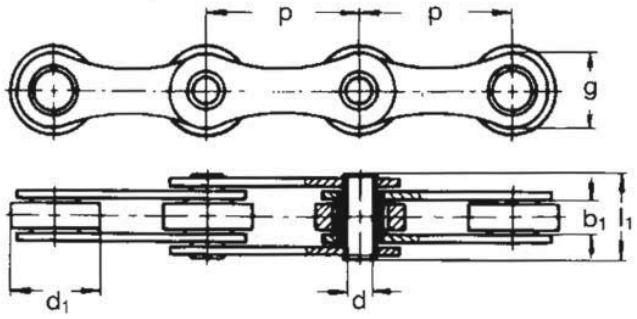
Form 1



Form 2



Form 3



Ametric® Chain No.	ISO No.	Pitch p mm	Between Inner Plate b_1	Roller Diameter d_1	Overall Width l	Overall Max. g	Pin Bore d	Weight kg/m	Breaking Strength N	Form
813.1		12.70	3.3	7.75	10.2	10.5	4.2	0.34	10,000	2
813.2		12.70	9.5	8.51	19.0	11.8	4.0	0.68	14,000	2
813.3	**08B-1**	12.70	7.75	8.51	17.0	12.2	4.0	0.65	10,000	1
813.4		12.70	7.85	8.51	16.4	-	4.55	0.64	13,500	2
816.1		15.88	6.5	10.16	17.0	14.7	5.0	0.74	15,000	2
816.2		15.88	9.5	10.16	20.0	14.7	5.0	0.83	15,000	2
816.3	**10B-1**	15.88	9.65	10.16	20.0	-	5.18	0.87	13,500	3
819.1	**12B-1**	19.05	11.70	12.07	22.5	16.1	5.0	1.07	25,000	2
825.1	**16B-1**	25.40	12.70	15.88	32.2	23.0	7.05	2.28	45,000	1
838.1		38.10	15.20	18.00	34.5	28.0	10.2	2.62	45,000	1
850.1		50.00	15.00	26.00	35.6	-	14.4	3.30	50,000	1
850.2		50.00	15.00	26.00	35.6	40.0	14.4	4.10	100,000	1
850.3		50.80	10.0	30.00	27.0	26.0	8.2	2.15	50,000	3
850.3 SS		50.80	10.0	30.00	27.0	26.0	8.2	2.15	32,000	3
899.1		100.00	10.0	30.00	27.0	-	8.2	1.46	45,000	3

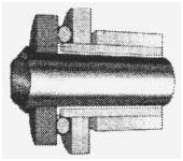
SS = Stainless Steel
R.C.L. = Riveted Connector Link

Sprockets available upon request.

O-Ring Chain

Automotive O-Ring Chains (Also For Industrial Application)

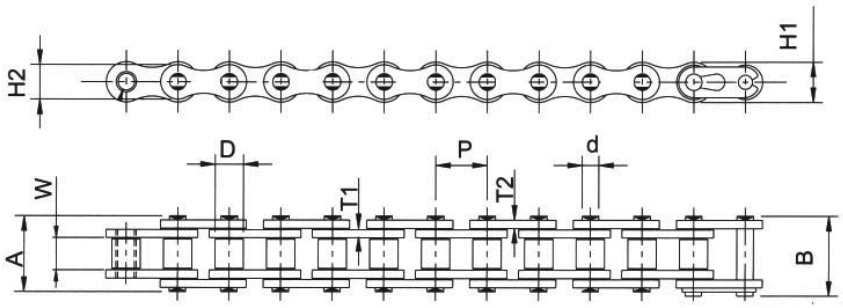
Ametric Part Number	Pitch (P)	Width between Inner Plates (W) (Min)	Roller Diameter (D) (Max)	Bearing Pin Diameter (d) (Max)	Breaking Load
J415 OR	12.70	5.15	7.75	4.07	
J428 OR	12.70	7.95	8.51	4.46	2,200
J520 OR	15.875	6.38	10.16	5.30	3,200
J525 OR	15.875	7.95	10.16	5.30	3,200
J530 OR	15.875	9.52	10.16	5.30	3,600
J630 OR	19.05	9.52	11.90	5.95	4,200
J460 OR	19.05	12.7	11.90	5.95	3,600



Other O-Ring Chains

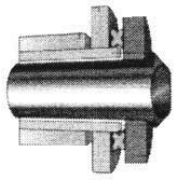
Intl. Ref. No.	Ametric Part Number	Pitch (P)	Width between Inner Plates (W) (Min)	Roller Diameter (D) (Max)	IP Height (H1) (Max)	OP Height (H2) (Max)	IP Thickness (T1) (Max)	OP Thickness (T2) (Max)	Width Over Bearing Pin (A) (Max)	Bearing Pin Diameter (d) (Max)	Width Over Joint Fasteners (B)	Average Weight Per Meter (Kg)	Tensile Strength KN (Min)
08B OR	42 OR	12.70	7.75	8.51	11.56	10.57	1.58	1.50	19.00	4.45	20.30	0.693	185.59
10B OR	52 OR	15.875	9.65	10.16	14.48	13.51	1.58	1.58	21.94	5.06	23.53	0.921	231.48

Ametric O-Ring Chain with unique design are engineered to offer superior resistance to wear.



1-005-030624

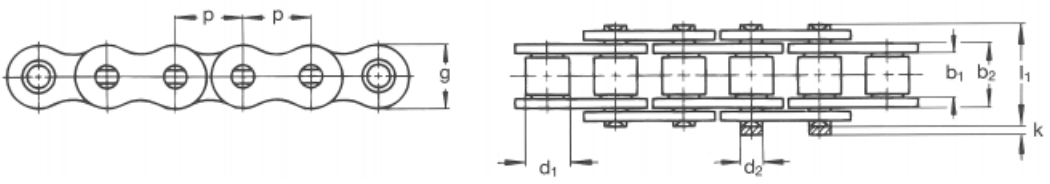
X-Ring Chain



X-Ring Chains

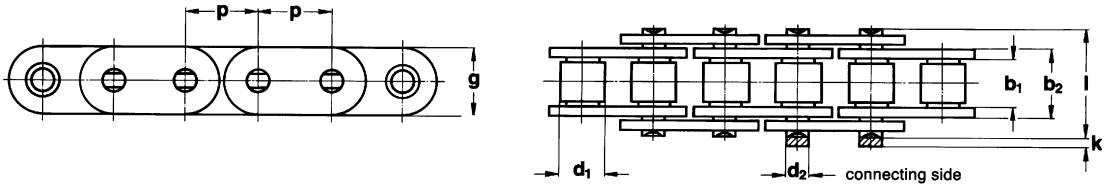
Ametric Part Number	Pitch (P)	Width between Inner Plates (W) (Min)	Roller Diameter (D) (Max)	Bearing Pin Diameter (d) (Max)	Breaking Load
J428 XR	12.70	7.95	8.51	4.46	2,200
J520 XR	15.875	6.38	10.16	5.30	3,200
J525 XR	15.875	7.95	10.16	5.30	3,200
J530 XR	15.875	9.52	10.16	5.30	3,600

Metric Special Roller Chain



Non-Standard Metric Roller Chain

Chain Size	Ametric® Chain No.	Pitch P mm	Between Plates b_1	Width Plates b_2	Roller Diameter d_1	Pin Diameter d_2	Overall Width l_1	Weight kg/m	Breaking Strength N
3/8 x 1/8	**39.1**	9.52	3.30	5.45	6.00	2.78	9.60	0.26	8,000
1/2 x 7/32	**49**	12.70	5.21	8.70	8.51	4.45	14.60	0.72	18,200
1/2 x 3/16	**47.1**	12.70	4.88	7.20	7.75	3.66	12.70	0.33	8,200
1/2 x 1/4	**47.2**	12.70	6.40	9.78	7.75	3.97	19.30	0.50	16,000
1/2 x 3/16	**46.1**	12.70	4.88	9.30	7.75	4.18	15.90	0.55	17,500
1/2 x 1/4	**47.4**	12.70	6.40	9.93	8.51	4.45	19.70	0.66	18,000
1/2 x 5/16	**42.1**	12.70	7.94	11.30	8.51	4.45	20.90	0.72	20,000
1/2 x 3/8	**47.5**	12.70	9.53		8.51		23.40	0.81	18,200
5/8 x 1/4	**51**	15.87	6.48	10.08	10.16	5.08	20.50	0.78	22,400
3/4 x 7/16	**62.1**	19.05	11.68	17.00	12.07	6.10	28.50	1.51	40,000
3/4 x 17/32	**63.4**	19.05	13.50	19.70	12.07	5.72	33.20	1.67	35,000
3/4 x 7/16	**63.5**	19.05	11.68	17.00	12.07	6.10	28.50	1.51	45,000
1 x 1/2	**81.4**	25.4	12.70	19.00	12.70	7.00	32.60	1.58	35,000
1 x 1/2	**85.2**	25.4	12.70	20.00	14.00	7.50	35.40	2.38	58,000
1 x 1/2	**85.3**	25.4	12.70	21.07	15.88	8.28	36.30	2.18	63,000
30 x 17 mm	**630.1**	30.00	17.02	25.40	15.88	8.28	41.50	3.50	60,000
35 mm x 3/4	**635.1**	35.00	19.60	27.00	19.05	10.40	46.10	2.90	85,000



Non-Standard Straight Side Metric Roller Chain

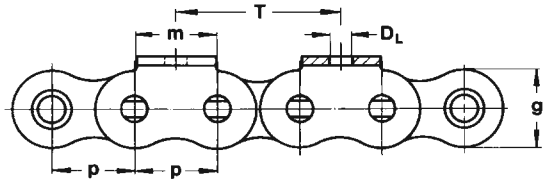
Chain Size	Ametric® Chain No.	Pitch P mm	Between Plates b_1	Width Inner Plates b_2	Roller Diameter d_1	Pin Diameter d_2	Chain Width l	Con. Link Width k	Weight kg/m	Breaking Strength N
3/8 x 5/32	**31**	9.52	3.94	10.50	6.35	3.31	11.60	1.2	0.38	9,100
1/2 x 5/16	**47.6**	12.70	7.75	11.30	8.51	4.45	17.00	3.9	0.70	18,000
5/8 x 3/8	**53.1**	15.87	9.65	13.28	10.16	5.08	19.60	4.1	0.91	22,400
3/4 x 7/16	**63.3**	19.05	11.68	15.62	12.07	5.72	22.70	4.6	1.18	29,000
1 x 17 mm	**85.4**	25.4	17.02	25.04	15.88	8.28	36.10	5.4	2.68	60,000
1¼ x 3/4	**102.1**	31.75	19.56	29.00	19.05	10.19	43.20	6.1	3.50	95,000
1½ x 1/2	**122.1**	38.10	25.40	37.90	25.40	14.63	53.40	6.6	6.80	160,000
100 mm x 1	**699.1**	100.00	25.40	37.90	25.40	14.63	53.40	6.6	5.70	180,000

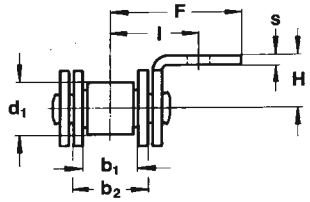
Double Roller Chain

1/2 x 5/16	**2047.6**	12.70	7.75	11.30	8.51	4.45	31.00	3.9	1.36	32,000
5/8 x 3/8	**2053.1**	15.87	9.65	13.28	10.16	5.08	36.20	4.1	1.82	40,000
3/4 x 7/16	**2063.3**	19.05	11.68	15.62	12.07	5.72	42.20	4.6	2.38	53,000
1 x 17 mm	**2085.4**	25.10	17.02	25.40	15.88	8.28	68.00	5.4	5.30	106,000
1¼ x 3/4	**2102.1**	31.75	19.56	29.00	19.05	10.19	79.00	6.1	7.30	170,000
1½ x 1/2	**2122.1**	38.10	25.40	37.90	25.40	14.63	101.00	6.6	13.40	280,000

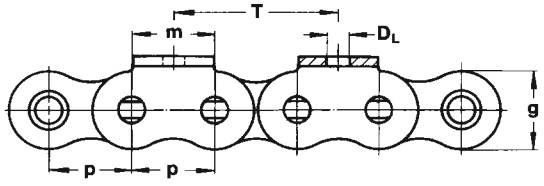
Metric Chain Attachments

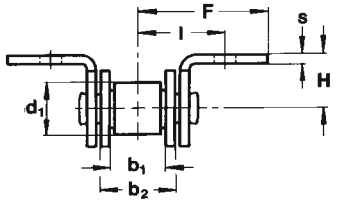
A1



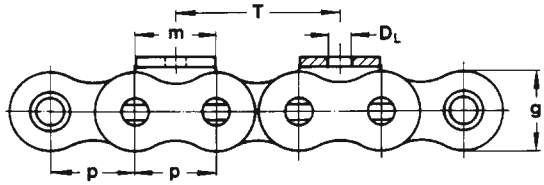


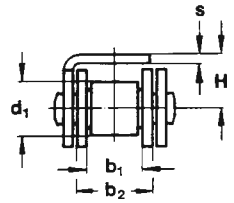
K1





R1





A1, K1 and R1 Connector Links and Inner Links

Chain No.	p Pitch	b_1 min.	b_2 max.	d_1 max.	g max.	F_B min.	m	D_L	l	F	H	s
22	8	3	4.77	5	7.1	5,000	8	3	6.6	12	5	0.8
32	9.525	5.72	8.53	6.35	8.2	9,000	8	3.5	9.5	13.5	6.5	1.25
43	12.7	3.3	5.8	7.75	9.9	8,200	10.5	3.5	9	15.1	7	0.95
46	12.7	4.88	7.9	7.75	10.3	9,000	16	3.5	10.6	16.6	7	1.25
46 (9076)*	12.7	4.88	8.6	7.75	10.2	12,000	11	4.3	10.2	15	7	1.35
47.1	12.7	4.88	7.2	7.75	9.9	8,200	10.5	3.5	9.7	15.8	7	0.95
42	12.7	7.75	11.3	8.51	11.8	18,000	12.5	4.5	13.1	19	10	1.6
42 (DIN)	12.7	7.75	11.3	8.51	11.7	18,000	11	4.5	12.7	18.2	8.89	1.58
52	15.875	9.65	13.28	10.16	14.7	22,400	14.1	5.2	15.9	23.8	10.4	1.58
52 (DIN)	15.875	9.65	13.28	10.16	14.2	22,400	14.28	5.5	15.9	22.315	10.31	1.58
62	19.05	11.68	15.62	12.07	16.1	29,000	15.85	5.6	17.5	26.175	12	1.81
62 (DIN)	19.05	11.68	15.62	12.07	16.4	29,000	15.85	6.6	19.05	25.8	13.46	1.81
82	25.4	17.02	25.4	15.88	21	60,000	18.85	6.8	25.4	37.4	15.9	3.05
82 IL	25.4	17.02	25.4	15.87	21	60,000	19	6.8	25.4	37.4	15.9	3.6
83 (DIN)	25.4	7.75	11.3	8.51	11.8	18,000	13	4.5	13.1	19.3	10	1.6
83	25.4	7.75	11.3	8.51	11.8	18,000	18	4.8	13.1	19.3	8.6	1.5
630.1	30	17.02	25.4	15.88	21	60,000	35	9	28.9	45.1	20	3
102	31.75	19.56	29	19.05	26.4	95,000	26.15	9	31.75	45	19.8	3.53
102 IL	31.75	19.56	29	19.05	26.4	95,000	25.25	8.4	31.75	41.9	19.85	4.4
103	31.75	9.65	13.28	10.16	14.7	22,400	15	5.5	16.7	26.7	10	1.7
122	38.1	25.4	37.9	25.4	33.4	160,000	38	11	44	64	25	5
123	38.1	11.68	15.62	12.07	16.1	29,000	19	6.6	18.5	26	11	1.8
142	44.45	30.99	46.5	27.94	37	200,000	45	14	54.1	78	32	6
162	50.8	30.99	45.5	29.21	42.2	250,000	50	14	54	76.3	35	6
163	50.8	17.02	25.4	15.88	21	60,000	30	9	28.9	43.8	18	3

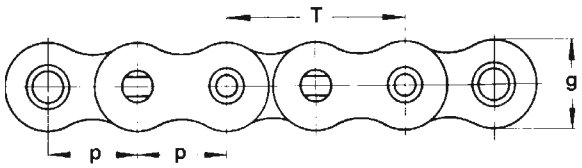
***Obsolete Part numbers. Current Inventory will not be replenished.**

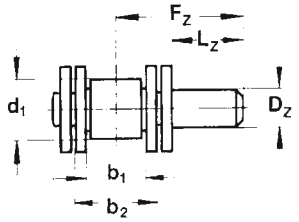
Note: The above attachments are produced as connector links for self assembly. Chain with riveted attachments can be produced assembled-to-order in our South Carolina facility.

DIN = German Standard Series Attachment

Metric Chain Attachments

EP1
EP2
EPX





EP1, EP2 And EPX Connector Links and Inner Links

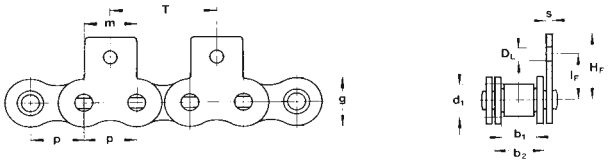
Chain No.	p Pitch	b_1 min.	b_2 max.	d_1 max.	d_2 max.	g max.	F_B min.	Part No.	D_z	L_z
22	8	3	4.77	5	4.77	7.1	5,000	22 CL-EP_2.31x3	2.31	3
22	8	3	4.77	5	4.77	7.1	5,000	22 CL-EP_2.31x5	2.31	5
22	8	3	4.77	5	4.77	7.1	5,000	22 CL-EP_4x10	4	10
32	9.525	5.72	8.53	6.35	8.53	8.2	9,000	32 CL-EP_-3.3x11	3.27	11.1
32	9.525	5.72	8.53	6.35	8.53	8.2	9,000	32 CL-EP_-5x15	5	15
32	9.525	5.72	8.53	6.35	8.53	8.2	9,000	32 CL-EP_-3.3x4	3.27	4.42
32	9.525	5.72	8.53	6.35	8.53	8.2	9,000	32 CL-EP_-3.3x32	3.27	21.75
43	12.7	3.3	5.8	7.75	5.8	9.9	8,200	43 CL-EP_-3.6x12	3.63	12
43	12.7	3.3	5.8	7.75	5.8	9.9	8,200	43 CL-EP_-5x15	5	15
46	12.7	4.88	7.9	7.75	4.09	10.3	12,000	46 CL-EP_-5x15	5	15
47.1	12.7	4.88	7.2	7.75	3.66	9.9	8,200	47.1 CL-EP_-5x15	5	15
42	12.7	7.75	11.3	8.51	4.45	11.8	18,000	42 CL-EP_-4.4x15	4.45	15.15
42	12.7	7.75	11.3	8.51	4.45	11.8	18,000	42 CL-EPX_-4.4x29	4.45	29.5
42	12.7	7.75	11.3	8.51	4.45	11.8	18,000	42 CL-EP_-4.44x44	4.45	44
42	12.7	7.75	11.3	8.51	4.45	11.8	18,000	42 CL-EP_-4.4x9	4.45	9.5
42	12.7	7.75	11.3	8.51	4.45	11.8	18,000	42 CL-EP_-6x15	6	15
52	15.875	9.65	13.28	10.16	5.08	14.7	22,400	52 CL-EP_-5x17	5.08	17.63
52	15.875	9.65	13.28	10.16	5.08	14.7	22,400	52 CL-EP-5x34	5.08	34.8
52	15.875	9.65	13.28	10.16	5.08	14.7	22,400	52 CL-EPX-5x12	5.08	11.9
52	15.875	9.65	13.28	10.16	5.08	14.7	22,400	52 CL-EPX-6x20	6.5	20
62	19.05	11.68	15.62	12.07	5.72	16.1	29,000	62 CL-EP_-6x21	5.72	20.83
62	19.05	11.68	15.62	12.07	5.72	16.1	29,000	62CL-EP_-7x20	7	20
62	19.05	11.68	15.62	12.07	5.72	16.1	29,000	62 CL-EP_-6x14	5.72	14.3
82	25.4	17.02	25.4	15.88	8.28	21	60,000	82 CL-EP_-8x34	8.27	33.8
82	25.4	17.02	25.4	15.88	8.28	21	60,000	82 CL-EP_-8x19	8.27	19.1
82	25.4	17.02	25.4	15.88	8.28	21	60,000	82 CL-EP_-10x30	10	30
83	25.4	7.75	11.3	8.51	4.45	11.8	18,000	83 CL-EP_-4.4x9	4.45	9.5
83	25.4	7.75	11.3	8.51	4.45	11.8	18,000	83 CL-EP_-6x15	6	15
630.1	30	17.02	25.4	15.88	8.28	21	60,000	630.1 CL-EP_	10	30
102	31.75	19.56	29	19.05	10.19	26.4	95,000	102 CL-EP_12x30	12	30
103	31.75	9.65	13.28	10.16	5.08	14.7	22,400	103 CL-EP_5x12	5.08	11.9
103	31.75	9.65	13.28	10.16	5.08	14.7	22,400	103 CL-EP_6x20	6.5	20
122	38.1	25.4	37.9	25.4	14.63	33.4	160,000	122 CL-EP_16x35	16	35
123	38.1	11.68	15.62	12.07	5.72	16.1	29,000	123 CL-EP_-6x15	5.72	14.6
123	38.1	11.68	15.62	12.07	5.72	16.1	29,000	123 CL-EP_-7x20	7	20
142	44.45	30.99	46.5	27.94	15.9	37	200,000	142 CL-EP_20x40	20	40
162	50.8	30.99	45.5	29.21	17.81	42.2	250,000	162 CL-EP_20x40	20	40
163	50.8	17.02	25.4	15.88	8.28	21	60,000	163 CL-EP_8x19	8.27	19
163	50.8	17.02	25.4	15.88	8.28	21	60,000	163 CL-EP_10x30	10	30
203	63.5	19.56	29	19.05	10.19	28.5	95,000	203 CL-EP_10x29	10.19	28.8
203	63.5	19.56	29	19.05	10.19	28.5	95,000	203 CL-EP_12x30	12	30

Note: The above attachments are produced as connector links for self assembly. Chain with riveted attachments can be produced assembled-to-order in our South Carolina facility.

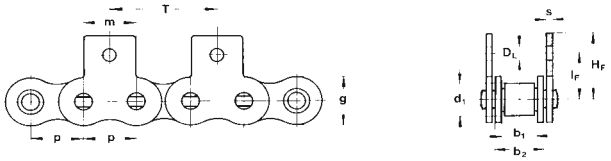
EP1 = One extended pin • EP2 = Two extended pins, one side • EPX = One Extra Long Extended Pin

Metric Chain Attachments

SA1



SK1



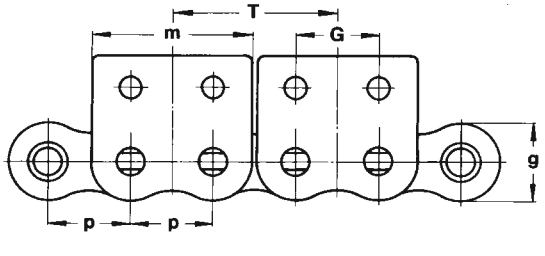
SA1 & SK1 Connector Links and Inner Links

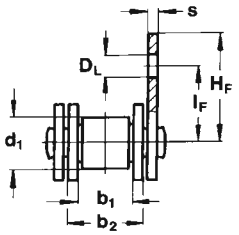
Chain No.	p Pitch	b_1 min.	b_2 max.	d_1 max.	g max.	F_B min.	m	D_L	l_F	H_F	s
22	8	3	4.77	5	7.1	5,000	8	3	7.5	13	0.8
32	9.525	5.72	8.53	6.35	8.2	9,000	8	3.5	9.75	13.75	1
32 (9778)	9.525	5.72	8.53	6.35	8.2	9,000	8	3.5	9	13.4	1.25
32 (9076)	9.525	5.72	8.53	6.35	8.2	9,000	8	3.5	9.5	13.5	1.15
43	12.7	3.3	5.8	7.75	9.9	8,200	10.5	3.5	11.5	17.65	0.95
46	12.7	4.88	7.9	7.75	10.3	9,000	16	3.5	11.5	17.4	1.25
47.1	12.7	4.88	7.2	7.75	9.9	8,200	10.5	3.5	9.7	15.8	0.95
42	12.7	7.75	11.3	8.51	11.8	18,000	9.5	4.3	14.1	18.34	1.58
42 IL	12.7	7.75	11.3	8.51	11.8	18,000	9.5	4.2	12.13	19.235	1.58
42 (DIN)	12.7	7.75	11.3	8.51	11.7	18,000	11	4.5	13	18.42	1.58
42 (9778)	12.7	7.75	11.3	8.51	11.7	18,000	12.5	4.5	14.7	20.3	1.6
52	15.875	9.65	13.28	10.16	14.7	22,400	14.1	5.2	15.9	24.7	1.58
52 IL	15.875	9.65	13.28	10.16	14.7	22,400	14.1	5.2	15.9	24.695	1.58
52 (DIN)	15.875	9.65	13.28	10.16	14.2	22,400	14.28	5.5	16.5	23.1	1.58
52 (9778)	15.875	9.65	13.28	10.16	14.2	22,400	15	5.5	17.2	26.7	1.7
62	19.05	11.68	15.62	12.07	16.1	29,000	15.85	5.6	17.9	26.23	1.81
62 (DIN)	19.05	11.68	15.62	12.07	16.4	29,000	15.88	6.6	21	28.43	1.81
62 (9778)	19.05	11.68	15.62	12.07	16.4	29,000	18.5	6.6	18.7	29	1.8
82	25.4	17.02	25.4	15.88	21	60,000	18.85	6.8	26	34.95	3.05
82 (9778)	25.4	17.02	25.4	15.88	21	60,000	25	9	28.6	41.5	3
82 (DIN)	25.4	17.02	25.4	15.88	21	60,000	18.85	6.6	23	34.95	3.05
83	25.4	7.75	11.3	8.51	11.8	18,000	13	4.5	14.7	20.3	1.8
630.1	30	17.02	25.4	15.88	21	60,000	35	9	28.9	45.1	3
102	31.75	19.56	29	19.05	26.4	95,000	25.25	8.4	31.75	42	3.53
102 IL	31.75	19.56	29	19.05	26.4	95,000	25.25	9	30.5	42	4.4
102 (9778)	31.75	19.56	29	19.05	26.4	95,000	35	9	30.5	45.7	3.75
102 (DIN)	31.75	19.56	29	19.05	26.4	95,000	25.25	9	30.5	42	3.53
103	31.75	9.65	13.28	10.16	14.7	22,400	15	5.5	17	26.7	1.7
122	38.1	25.4	37.9	25.4	33.4	160,000	38	11	41	60	5
123	38.1	11.68	15.62	12.07	16.1	29,000	19	6.6	17.6	26	1.8
142	44.45	30.99	46.5	27.94	37	200,000	45	14	52.5	75.5	6
162	50.8	30.99	45.5	29.21	42.2	250,000	50	14	53.5	77	6
163	50.8	17.02	25.4	15.88	21	60,000	30	9	29	42.5	3

Note: The above attachments are produced as connector links for self assembly. Chain with riveted attachments can be produced assembled-to-order in our South Carolina facility.
DIN = German Standard Series Attachment

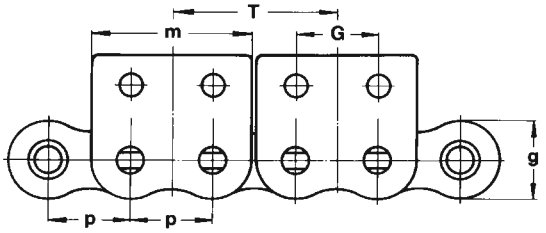
Metric Chain Attachments

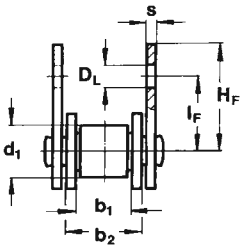
SA2





SK2





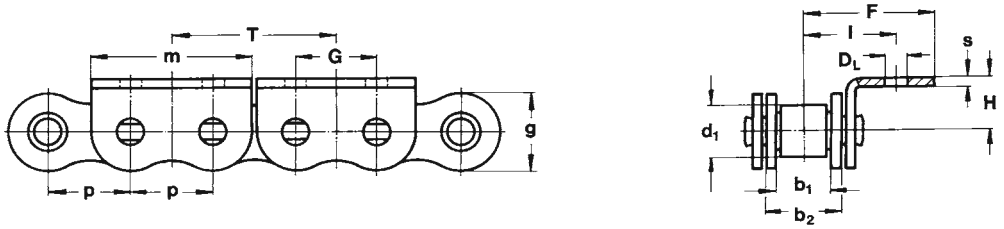
SA2, and SK2 Connector Links and Inner Links

Chain No.	p Pitch	b_1 min.	b_2 max.	d_1 max.	g max.	F_B min.	m	D_L	G	l_F	H_F	s
32	9.525	5.72	8.53	6.35	8.2	9,000	18.2	3.5	9.525	9.2	12.6	1.25
42	12.7	7.75	11.3	8.51	11.8	18,000	23.22	4.3	12.7	14.1	18.34	1.58
42 (DIN)	12.7	7.75	11.3	8.51	11.7	18,000	23.22	4.5	12.7	12.7	18.34	1.58
52	15.875	9.65	13.28	10.16	14.7	22,400	29.31	5.3	15.875	15.9	24.7	1.58
52 (DIN)	15.875	9.65	13.28	10.16	14.7	22,400	29.31	5.5	15.875	15.9	23.1	1.58
62	19.05	11.68	15.62	12.07	16.1	29,000	32.99	5.6	19.05	17.5	31.28	1.81
62 (DIN)	19.05	11.68	15.62	12.07	16.1	29,000	32.99	6.6	19.05	19.05	28.43	1.81
82	25.4	17.02	25.4	15.88	21	60,000	45.9	8	25.4	26.5	36.64	3.05
82 (DIN)	25.4	17.02	25.4	15.88	21	60,000	45.9	6.8	25.4	25.4	36.64	3.05
82 IL	25.4	17.02	25.4	15.88	21	60,000	45.9	8	25.4	26.6	36.64	3.05
102	31.75	19.56	29	19.05	26.4	95,000	58.04	9	31.75	31.75	42	3.53

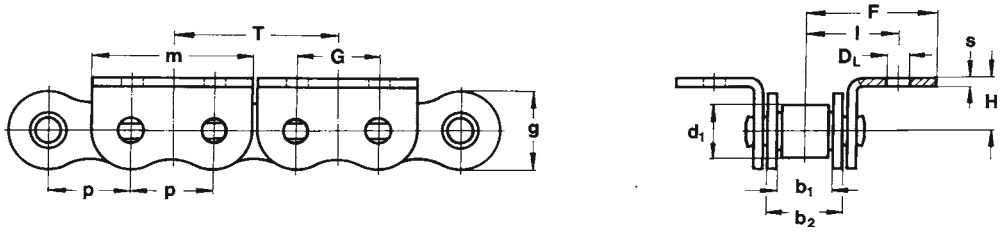
Note: The above attachments are produced as connector links for self assembly. Chain with riveted attachments can be produced assembled-to-order in our South Carolina facility.
DIN = German Standard Series Attachment

Metric Chain Attachments

A2



K2

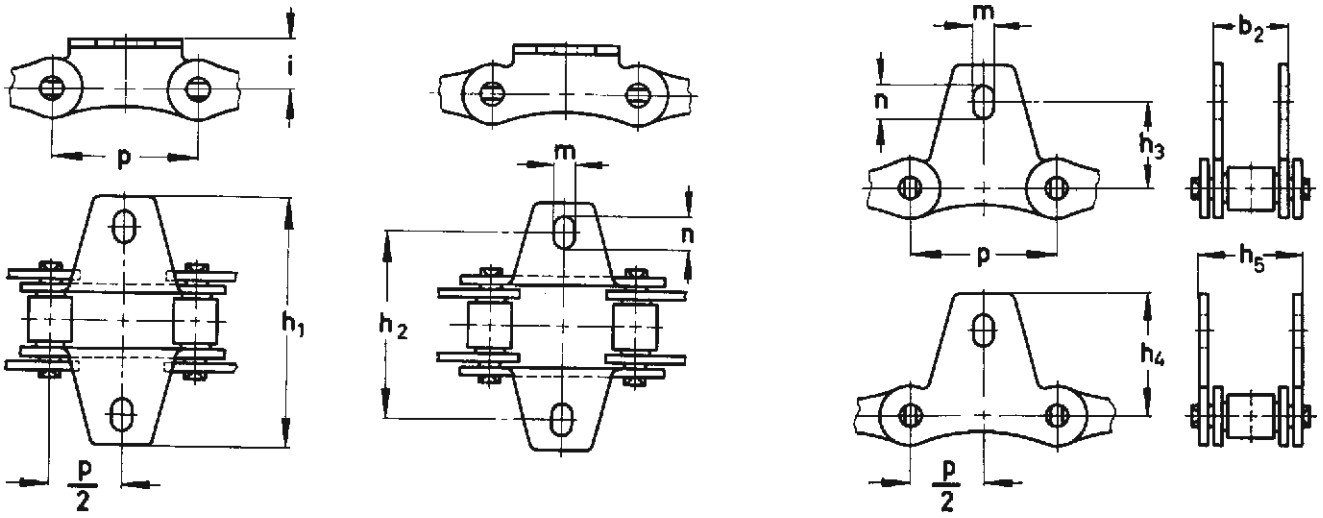


A2 & K2 Connector Links and Inner Links

Chain No.	p Pitch	b_1 min.	b_2 max.	d_1 max.	g max.	F_B min.	m	D_L	G	I	F	H	s
32	9.525	5.72	8.53	6.35	8.2	9,000	17.6	3.5	9.525	9.5	13.5	6.5	1
42	12.7	7.75	11.3	8.51	11.8	18,000	23.22	4.3	12.7	14.1	18.6	8.4	1.58
42 (DIN)							23.22	4.5	12.7	12.7	18.2	8.89	1.58
52	15.875	9.65	13.28	10.16	14.7	22,400	29.31	5.3	15.875	15.9	23.8	10.4	1.58
52 (DIN)								5.5	15.875	15.9	22.32	10.3	1.58
62	19.05	11.68	15.62	12.07	16.1	29,000	32.99	5.6	19.05	17.5	30.5	12	1.81
62 (DIN)							32.99	6.6	19.05	19.05	26.20	13.4	1.81
82	25.4	17.02	25.4	15.88	21	60,000	45.9	8	25.4	26.6	38	13.7	3.05
82 (DIN)							45.9	6.8	25.4	25.4	39.1	15.9	3.05
82 IL							45.9	8	25.4	26.6	38	13.7	3.05
102	31.75	19.56	29	19.05	26.4	95,000	58.04	9	31.75	31.75	42.85	19.8	3.53
122	38.1	25.4	37.9	25.4	33.4	160,000	71.3	10.5	38.1	38.1	54.2	26.67	4.8
142	44.45	30.99	46.5	27.94	37	200,000	81.1	13.1	44.45	44.45	61.5	28.58	6
162	50.8	30.99	45.5	29.21	42.2	250,000	92.8	13.1	50.8	50.8	71.4	31.75	6

Note: The above attachments are produced as connector links for self assembly. Chain with riveted attachments can be produced assembled-to-order in our South Carolina facility.
DIN = German Standard Series Attachment

Agricultural Roller Chain



Chain No.	DIN No.	Pitch p	h_1 max	h_2	h_3	h_4 max	h_5 max	b_2 max	i max	m	n
729.1	S 32	29.21	61.0	43.0	16.6	25.4	24.4	20.19	8.7	6.5	8.0
735.1	S 42	34.93	74.9	54.0	23.6	34.3	31.8	25.4	14.0	8.3	11.5
738.1	S 52	38.1	77.5	59.2	22.1	31.8	35.1	28.58	11.4	6.6	8.1
738.2*		38.4	82.0	57.5				24.35	15.4	9.0	9.0
741.1	S 45	41.4	74.9	54.0	19.8	30.2	35.1	28.58	11.4	9.9	11.4
741.2		41.4	76.5	54.5				28.58	12.5	8.5	8.5
741.3	S 55	41.4	74.9	54.0	19.8	30.2	35.1	28.58	11.4	9.9	11.4
741.4		41.4	97.5	69.5				31.17	14.5	8.3	14.7
741.5*		41.5	86.5	59.1				26.9	15.8	8.3	11.0
741.6	S 62	41.91	97.8	69.8	24.6	38.6	38.1	31.8	11.4	6.6	13
758.1	S 77	58.34	106.0	82.0	36.3	50.0	40.1	31.17	20.8	8.3	12.5
766.1	S 88	66.27	121.3	96.8	43.7	55.6	46.0	37.52	20.8	8.3	11.0

*** = Straight Side Plates**

Attachment Link Types

A4 = Bent attachment, one side, on inner plate.

B4 = Bent attachment, two sides, on inner plate.

D4 = Straight attachment, one side, on inner plate.

E4 = Straight attachment, two sides, on inner plate

A7 = Bent attachment, one side, on outside plate.

B7 = Bent attachment, two sides, on outside plate.

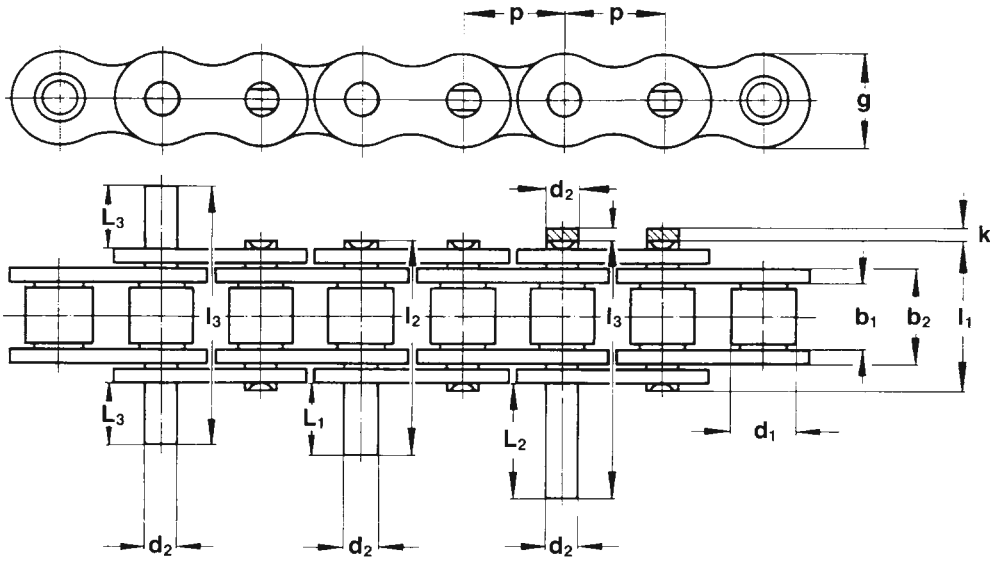
D7 = Straight attachment, one side, on outside plate.

E7 = Straight attachment, two sides, on outside plate

Ask for Our Agricultural Roller Chain Catalog To See Special Chains and attachments For This Industry

Note: The above attachments are produced as connector links for self assembly. Chain with riveted attachments can be produced assembled-to-order in our South Carolina facility.

Assembled Extended Pin Roller Chain



Chain Size	Chain No.	ISO No.	Pitch p	Inner Width b_1 min.	Overall Width b_2 max.	Roller Diameter d_1 max.	Pin Diameter d_2 h9	C. L. Extension k max.	Plate Height g max.	Break-ing Strength	Extended Pin Dimensions l_1 max.	l_2 max.	l_3 max.	L_1 max.	L_2 max.	L_3 max.
3/8 x 3/16	35	06C	9.525	4.77	7.47	5.08	3.59	3.3	9.1	7,900	13.2	22.0	32.5	11.0	21.5	11.1
1/2 x 5/16	40	08A	12.7	7.85	11.15	7.95	3.96	3.9	12	14,100	17.8	30.1	45.2	14.8	29.9	15.35
5/8 x 3/8	50	10A	15.875	9.4	13.8	10.16	5.08	4.1	15	22,200	20.5	38.7	56.8	19.4	37.5	19.4
3/4 x 1/2	60	12A	19.05	12.57	17.7	11.91	5.94	4.6	18	31,800	25.4	48.3	71.1	24.2	47	24.2
1 x 5/8	80	16A	25.4	15.75	22.5	15.88	7.92	5.4	24.1	56,700	33.5	61.5	92	30.1	60.6	31.3
1-1/4 x 3/4	100	20A	31.75	18.9	27.4	19.05	9.53	6.1	30.1	88,500	40.4	76.3	112.2	38.2	74.1	38.2
1-1/2 x 1	120	24A	38.1	25.22	35.3	22.23	11.1	6.6	36.2	127,000	50.3	96.1	141.9	48.2	94	48.2
6 x 2.8	12	04B	6	2.8	4.1	4.0	1.85	2.9	5.0	3,000	7.4	12.7	–	6.6	–	–
8 x 1/8	22	05B	8	3.0	4.77	5.0	2.31	3.1	7.1	5,000	8.6	14.3	19.9	6.3	12.2	6.35
3/8 x 7/32	32	06B	9.525	5.72	8.53	6.35	3.28	3.3	8.2	9,000	13.5	23.1	33.7	11.0	21.6	11.15
1/2 x 5/16	42	08B	12.7	7.75	11.3	8.51	4.45	3.9	11.8	18,000	17	30.7	44.9	15.3	29.5	15.3
5/8 x 3/8	52	10B	15.875	9.65	13.28	10.16	5.08	4.1	14.7	22,400	19.6	36.2	52.8	18.2	34.8	18.0
3/4 x 7/16	62	12B	19.05	11.68	15.62	12.07	5.72	4.6	16.1	29,000	22.7	41.8	61.3	21.0	40.5	20.9
1 x 17	82	16B	25.4	17.02	25.4	15.88	8.28	5.4	21	60,000	36.0	67.5	99.3	33.6	65.4	33.7
30 x 17	630.1	–	30	17.02	25.4	15.88	8.28	5.4	21	60,000	36.0	67.5	99.3	33.6	65.4	33.7
1-1/4 x 3/4	102	20B	31.75	19.56	29.0	19.05	10.19	6.1	26.4	95,000	41.5	78.0	114.7	38.6	75.3	38.7
35 x 3/4	635.1	–	35	19.6	27.0	19.05	10.19	6.1	26.0	85,000	38.3	78.0	114.7	41.8	78.5	41.8
1-1/2 x 1	122	24B	38.1	25.4	37.9	25.4	14.63	6.6	33.4	160,000	53.0	101.3	149.5	50.5	98.7	50.5
1-3/4 x 1-1/4	142	28B	44.45	30.99	46.5	27.94	15.9	7.4	37	200,000	63.6	122.9	182.9	62	122	62.3
2 x 1-1/4	162	32B	50.8	30.99	45.5	29.21	17.81	7.9	42.2	250,000	63.6	121.7	180.5	60.8	119.6	61.1

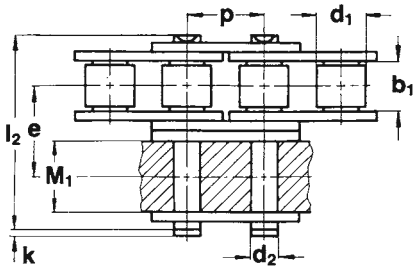
Extended Pin Description
EPT = Triple span two sides (Overall width = l_3)
EPD = Double span one side (Overall width = l_2)
EPX = Triple span one side (Overall width = l_3)

Note: PART NUMBERS FOR ASSEMBLED EXTENDED PIN ROLLER CHAIN
DIFFERENT TNAN EXTENDED PIN ATTACHMENTS
(SEE METRIC CHAIN ATTACHMENTS PAGE)

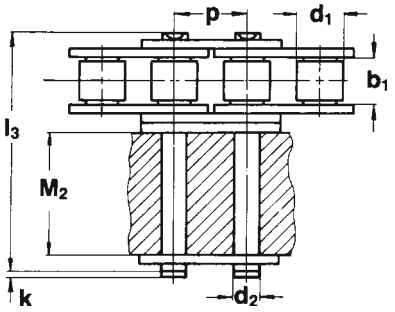
Ask for Our Agricultural Roller Chain Catalog To See Special Chains and attachments For This Industry

Assembled Extended Pin Roller Chain
Assembly Combinations

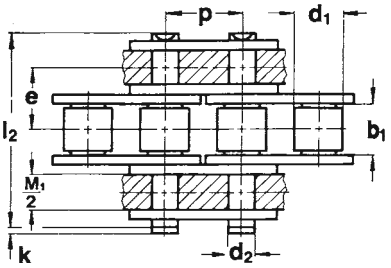
Single Chain with double span extended pins on one side



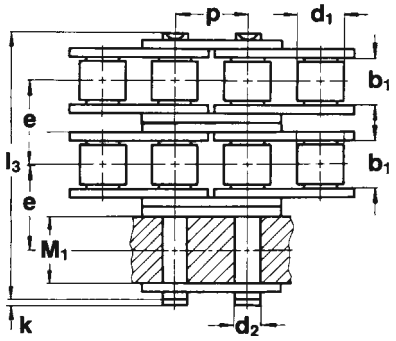
Single Chain with triple span extended pins on one side



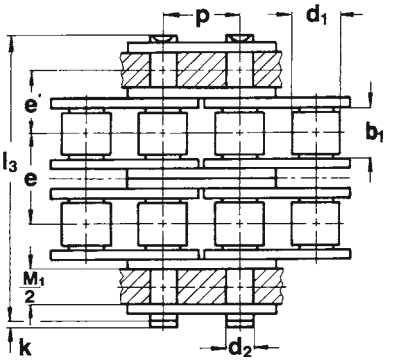
Single Chain with double span extended pins on both sides



Double Chain with triple span extended pins on one side



Double Chain with triple span extended pins on both sides



Chain Size	Chain No.	ISO No.	Pitch p	Inner Width b_1 min.	Roller Diameter d_1 max.	Pin Diameter d_2 h9	Transverse Pitch e	Transverse Pitch e^1	Attachment Width M_1 max.	Attachment Width M_2 max.	C. L. Extension	l_2 max.	l_3 max.	Breaking Strength N
6 x 2.8	12	04B	6	2.8	4	1.85	5.5	3.8	4.1	11.2	2.9	13.3	–	3,000
8 x 1/8	22	05B	8	3	5	2.31	5.64	4	4.8	19.5	3.1	14.3	–	5,000
3/8 x 7/32	32	06B	9.525	5.72	6.35	3.28	10.24	7.24	8.5	–	3.3	23.8	–	9,000
3/8 x 7/32	2032	06B-2	9.525	5.72	6.35	3.28	10.24	7.24	8.5	–	3.3	–	34	16,000
1/2 x 5/16	42	08B	12.7	7.75	8.51	4.45	13.92	10.1	11.3	25.6	3.9	31	–	18,000
1/2 x 5/16	2042	08B-2	12.7	7.75	8.51	4.45	13.92	10.1	11.3	–	3.9	–	44.9	32,000
5/8 x 3/8	52	10B	15.875	9.65	10.16	5.08	16.59	11.62	13.3	30	4.1	36.2	–	22,400
5/8 x 3/8	2052	10B-2	15.875	9.65	10.16	5.08	16.59	11.62	13.3	–	4.1	–	52.8	40,000
3/4 x 7/16	62	12B	19.05	11.68	12.07	5.72	19.46	13.63	15.6	34.8	4.6	42.2	–	29,000
3/4 x 7/16	2062	12B-2	19.05	11.68	12.07	5.72	19.46	13.63	15.6	–	4.6	–	61.7	53,000
1 x 17	82	16B	25.4	17.02	15.88	8.28	31.88	22.3	25.4	56.8	5.4	68	–	60,000
1 x 17	2082	16B-2	25.4	17.02	15.88	8.28	31.88	22.3	25.4	–	5.4	–	99.9	106,000
1-1/4 x 3/4	102	20B	31.75	19.56	19.05	10.19	36.45	25.48	29.0	65.5	6.1	79	–	95,000
1-1/4 x 3/4	2102	20B-2	31.75	19.56	19.05	10.19	36.45	25.48	29.0	–	6.1	–	116	170,000
1-1/2 x 1	122	24B	38.1	25.4	25.4	14.63	48.36	33.66	37.9	85.5	6.6	101	–	160,000
1-1/2 x 1	2122	24B-2	38.1	25.4	25.4	14.63	48.36	33.66	37.9	–	6.6	–	150	280,000

Assembled Roller Chain
With Attachments or Extended Pins

Part Numbering System for Assembled Extended Pin Roller Chain

Description	Code Number (pitches)	Single Span One Side EP1	Triple Span Two Sides EPT	Double Span One Side EPD	Triple Span One Side EPX
Attachment every pitch	T1	T1-EPT	T1-EPT	T1-EPD	T1-EPX
Attachment every 2nd outer link pitch	T2-EL	T2-EL-EPT	T2-EL-EPT	T2-EL-EPD	T2-EL-EPX
Attachment every 3rd pitch	T3	T3-EPT	T3-EPT	T3-EPD	T3-EPX
Attachment every 4th outer link pitch	T4-EL	T4-EL-EPT	T4-EL-EPT	T4-EL-EPD	T4-EL-EPX
Attachment every 5th pitch	T5	T5-EPT	T5-EPT	T5-EPD	T5-EPX
Attachment every 6th outer link pitch	T6-EL	T6-EL-EPT	T6-EL-EPT	T6-EL-EPD	T6-EL-EPX
Attachment every 7th pitch	T7	T7-EPT	T7-EPT	T7-EPD	T7-EPX
Attachment every 8th outer link pitch	T8-EL	T8-EL-EPT	T8-EL-EPT	T8-EL-EPD	T8-EL-EPX
Attachment every 9th pitch	T9	T9-EPT	T9-EPT	T9-EPD	T9-EPX
Attachment every 10th outer link pitch	T10-EL	T10-EL-EPT	T10-EL-EPT	T10-EL-EPD	T10-EL-EPX

Part Numbering System for Roller Chain with Attachments

Description	Code Number (pitches)	A1	K1	R	SA1	SK1	A2	K2	SA2	SK2
Attachment every pitch	T1	T1-A1	T1-K1	T1-R	T1-SA1	T1-SK1				
Attachment every 2nd outer link pitch	T2-EL	T2-EL-A1	T2-EL-K1	T2-EL-R	T2-EL-SA1	T2-EL-SK1	T2-EL-A2	T2-EL-K2	T2-EL-SA2	T2-EL-SK2
Attachment every 2nd inner link pitch	T2-IL	T2-IL-A1	T2-IL-K1	T2-IL-R	T2-IL-SA1	T2-IL-SK1				
Attachment every 3rd pitch	T3	T3-A1	T3-K1	T3-R	T3-SA1	T3-SK1				
Attachment every 4th outer link pitch	T4-EL	T4-EL-A1	T4-EL-K1	T4-EL-R	T4-EL-SA1	T4-EL-SK1	T4-EL-A2	T4-EL-K2	T4-EL-SA2	T4-EL-SK2
Attachment every 4th inner link pitch	T4-IL	T4-IL-A1	T4-IL-K1	T4-IL-R	T4-IL-SA1	T4-IL-SK1				
Attachment every 5th pitch	T5	T5-A1	T5-K1	T5-R	T5-SA1	T5-SK1				
Attachment every 6th outer link pitch	T6-EL	T6-EL-A1	T6-EL-K1	T6-EL-R	T6-EL-SA1	T6-EL-SK1	T6-EL-A2	T6-EL-K2	T6-EL-SA2	T6-EL-SK2
Attachment every 6th inner link pitch	T6-IL	T6-IL-A1	T6-IL-K1	T6-IL-R	T6-IL-SA1	T6-IL-SK1				
Attachment every 7th pitch	T7	T7-A1	T7-K1	T7-R	T7-SA1	T7-SK1				
Attachment every 8th outer link pitch	T8-EL	T8-EL-A1	T8-EL-K1	T8-EL-R	T8-EL-SA1	T8-EL-SK1	T8-EL-A2	T8-EL-K2	T8-EL-SA2	T8-EL-SK2
Attachment every 8th inner link pitch	T8-IL	T8-IL-A1	T8-IL-K1	T8-IL-R	T8-IL-SA1	T8-IL-SK1				
Attachment every 9th pitch	T9	T9-A1	T9-K1	T9-R	T9-SA1	T9-SK1				
Attachment every 10th outer link pitch	T10-EL	T10-EL-A1	T10-EL-K1	T10-EL-R	T10-EL-SA1	T10-EL-SK1	T10-EL-A2	T10-EL-K2	T10-EL-SA2	T10-EL-SK2
Attachment every 10th inner link pitch	T10-IL	T10-IL-A1	T10-IL-K1	T10-IL-R	T10-IL-SA1	T10-IL-SK1				

Special Roller Chain
Assembled To Order

To insure customers receive what they need, when they need it, procedures for ordering chains assembled-to-order are established as follows:

1) Quantity of lengths (pieces) of chain required.

2) Ametric® Chain number ANSI Chain Number or ISO Chain Number.

If this information is not available, the following information is required.

Pitch
Inner width b_1
Width of inner link b_2
Roller or bush diameter
Transverse pitch e (only for multi-strand chain)
Strands (single, double, triple or quadruple)

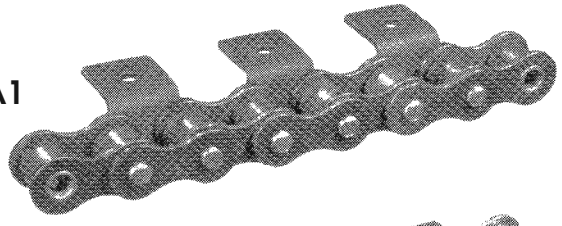
3) Length of chain in feet / meters, or number of links.

4) <u>Open ended</u> chain (for C.L., O.L. or H.L connection) or <u>endless</u> (riveted connection).

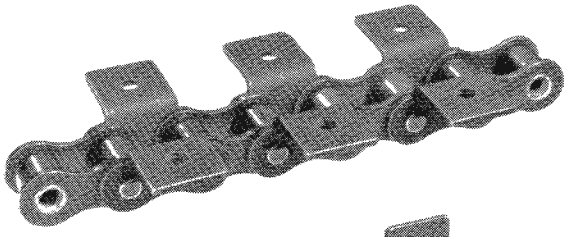
5) Attachment links, if required.

5a) Type of attachments.

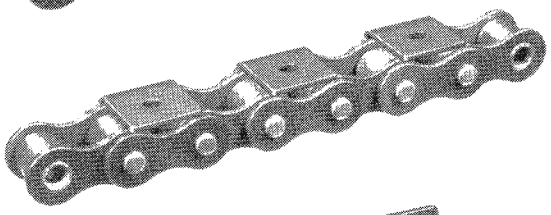
A1



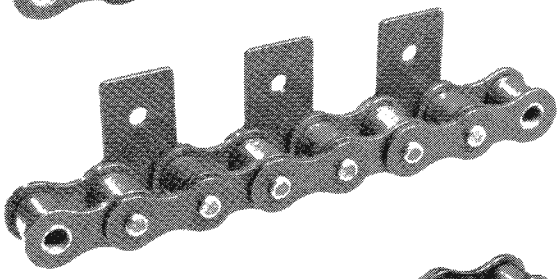
K



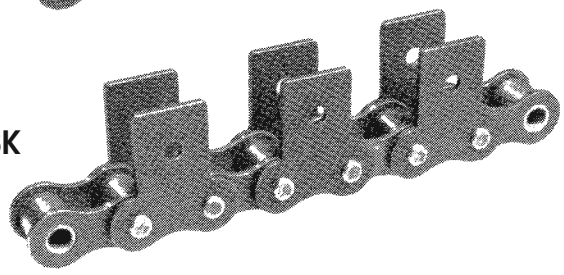
R



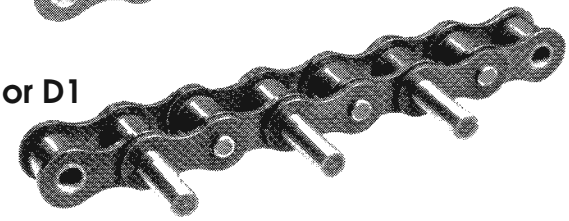
SA



SK

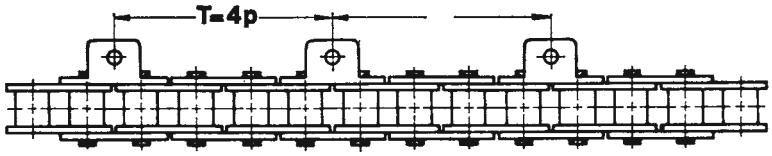


EP or D1

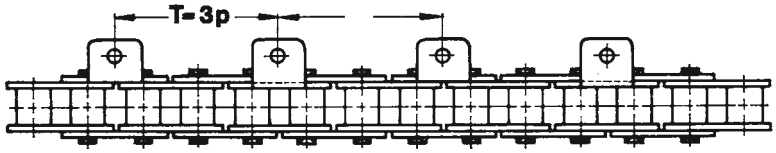


Double hole / pitch attachments A2, K2, SA2, SK2 and EP2 (not shown) also available.

5b) Spacing "T" for attachments.



Spacing based on pitches, such as "T4", every fourth pitch. Specify "EL" external attachment links (shown) or "IL" internal attachment links.

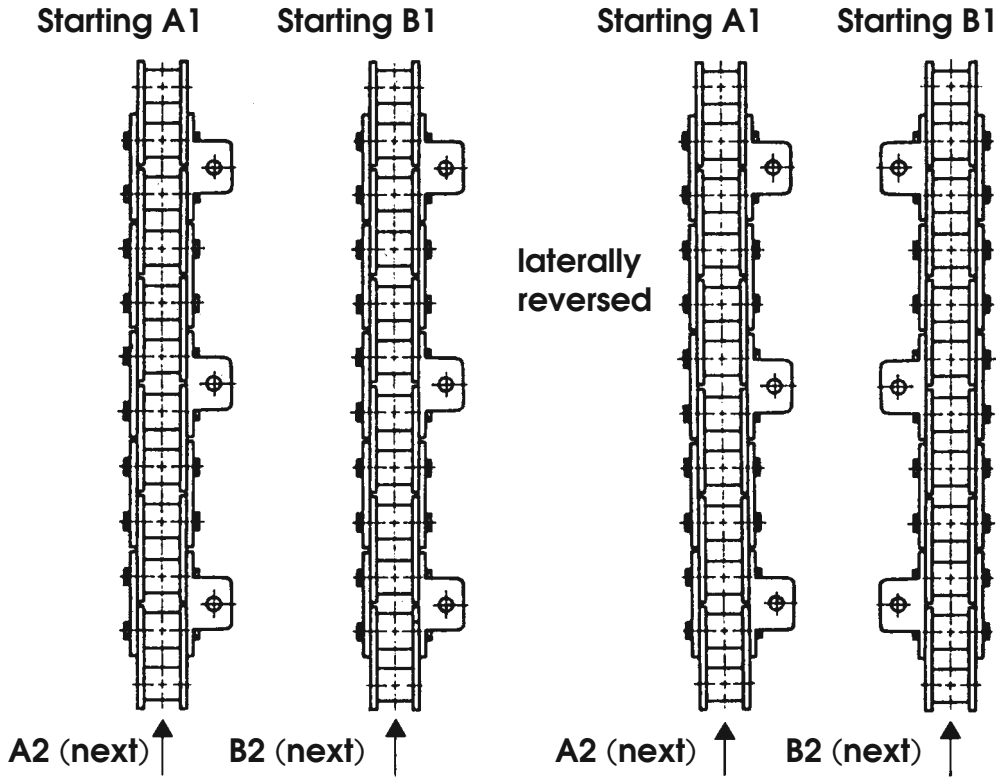


Spacing based on pitches such as "T3", every third pitch. In the case of an odd number of pitches, a combination of "EL" and "IL" links should be used. If both "EL" and "IL" links are not available, an "OL" offset link or "HL" half link is required. This can reduce the original strength by 80%, however.

5c) Specify "EL" external attachment links or "IL" internal attachment links.

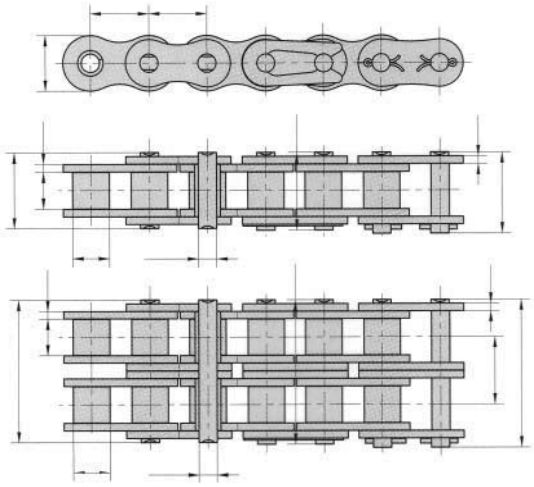
6) Matched and / or prestretched chains.

Chains for use in pairs or sets are marked Strand A, Strand B, Strand C etc. Chains will generally be delivered in 5m coils, so matching lengths will be marked accordingly. Starting lengths A1, B1, C1



Blue Value Line® Metric Roller Chain

our Economy Chain



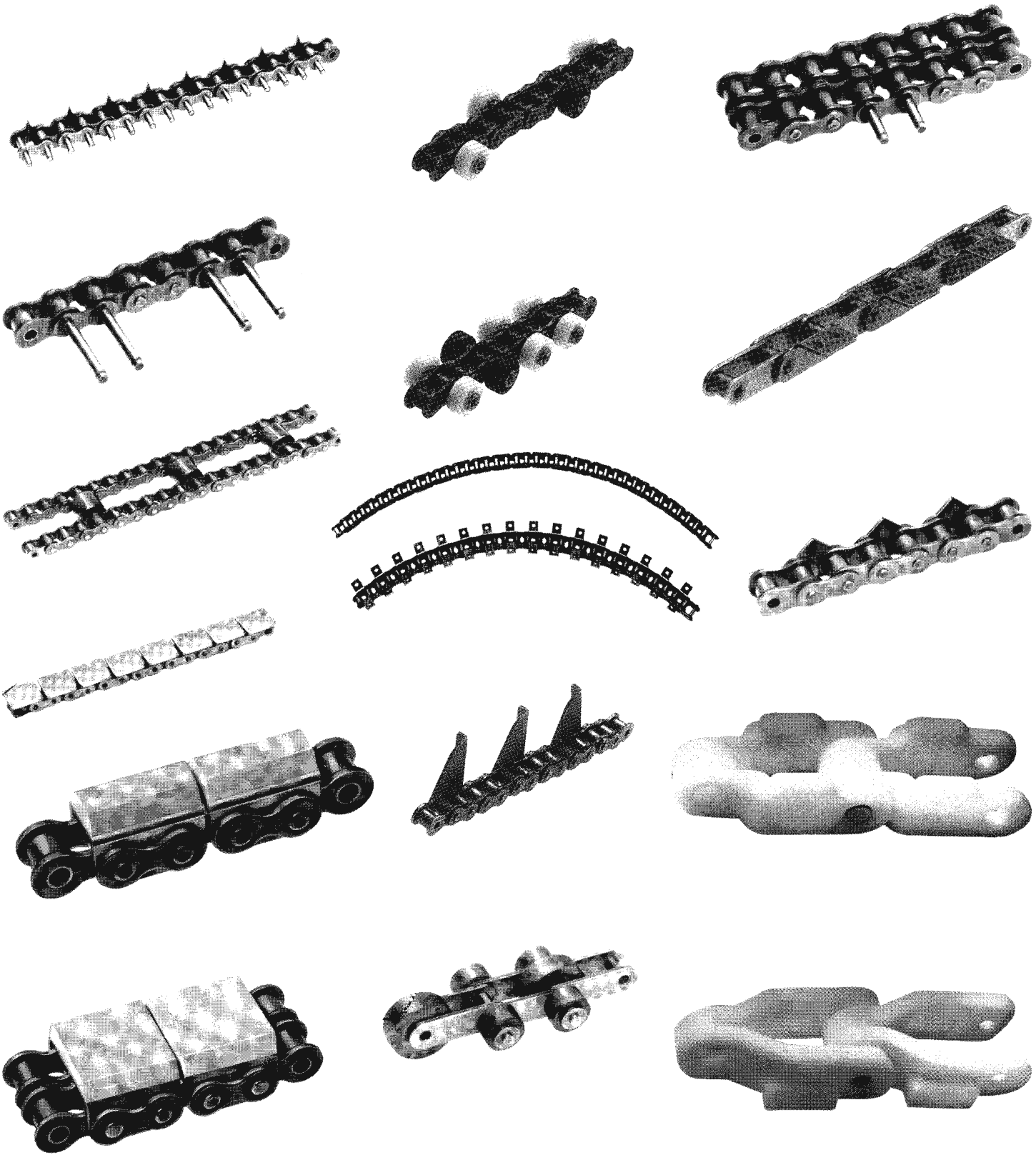
Excellent Quality

Excellent Value

Ask For
Group: 579

Custom Chains

Custom Chains



Attachment Chain Worksheet

Completion of this sheet will help expedite your quote/order.

Company name and address:

Contact: _____

Customer Account No.: _____

Date: _____

Phone: _____

FAX: _____

Description: _____

Material: Steel Stainless Steel Nickel Other _____

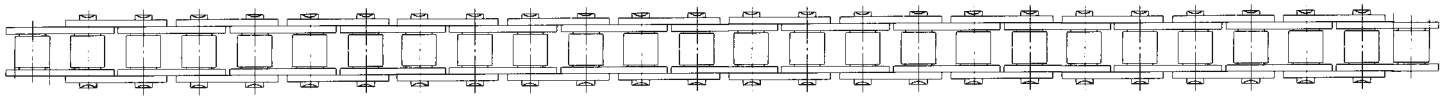
Chain Size: _____ **Type:** Single Double Triple

Length of Strands: _____ Feet/Meters **Number of Strands:** _____

Attachment: A1 A2 R1 **Number of Attachments:** _____

K1 K2
SA1 SA2
SK1 SK2
EP1 EP2

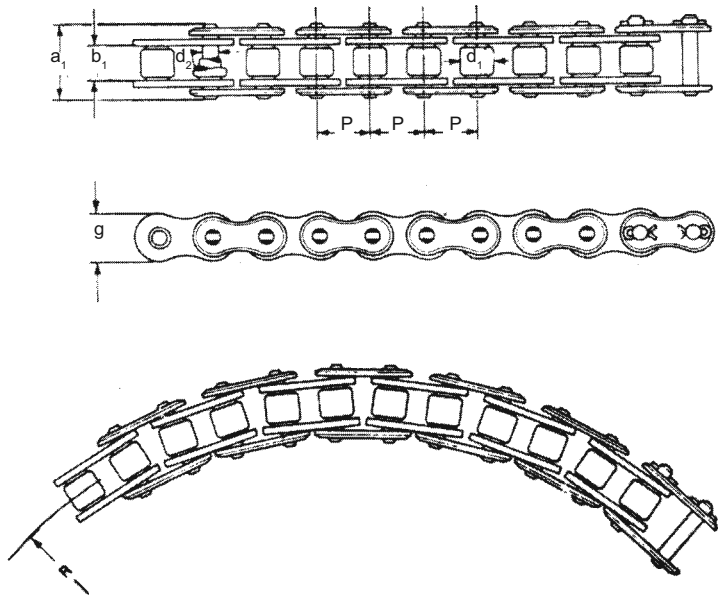
Indicate attachment position on the drawing below.



Phone: (800) 967-5289 **FAX: (864) 876-3516**

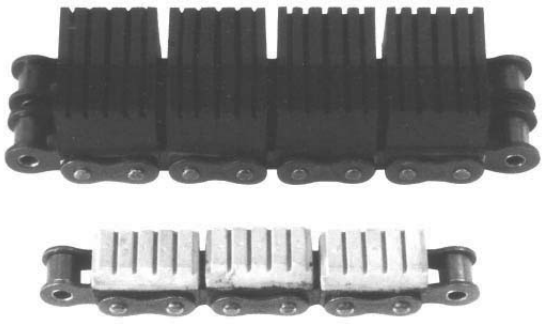
American Metric® Corporation

Side-bow Chain



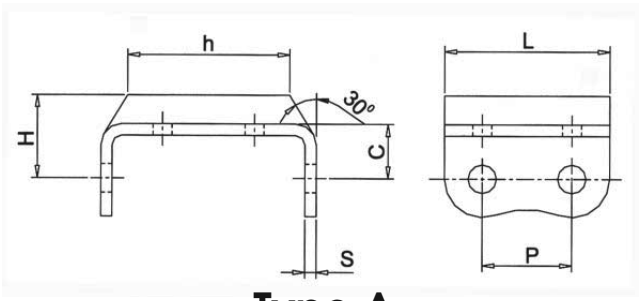
Chain No.	ISO No.	Pitch P	Between Inner Plates b_1	Roller Diameter d_1	Pin Diameter d_2	Height g	Overall Chain Width a_1	Radius R	Breaking Strength N	Weight kg/m
42 SB	08B	12.7	7.75	8.51	3.94	11.8	17.0	360	11,200	0.71
52 SB	10B	15.875	9.65	10.16	4.45	14.7	19.6	410	15,000	0.92
62 SB	12B	19.05	11.68	12.07	5.08	16.1	22.7	510	20,000	1.20

Rubber Top Chains



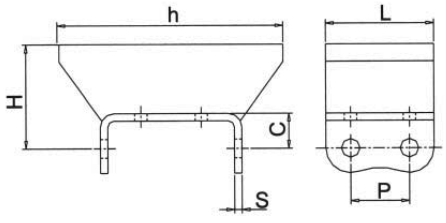
Grade	Natural Rubber	Nitrile Rubber	Neoprene Rubber
SHORE HARDNESS (A) TEMPERATURE RANGE RESISTANCE TO OIL/GREASE OZONE / UV RESISTANCE	65+/-5 -10 to +70 deg c POOR POOR	65+/-5 -10 to +120 deg c EXCELLENT FAIR	65+/-5 -10 to +80 deg c FAIR EXCELLENT

ISO Number	Ametric Part Number	Type	Pitch (P)	Width Over Bearing Pin (A)	C	H	h	L	S	Tensile Strength (KN) Min)
08B-1	42 RTA	A	12.70	17.80	8.30	12.30	14.72	24.00	1.50	32.07
80-1 (ANSI)	80 RTA	A	25.40	38.00	18.30	23.00	27.50	49.40	3.15	32.26
08B-2	2042 RTB	B	12.70	33.90	9.50	18.30	44.00	24.00	1.50	18.04
08B-2	2042 RTA	A	12.70	33.90	9.50	12.50	28.50	24.00	1.50	62.37
60-2 (ANSI)	60 RTC	C	19.05	53.00	11.80	33.80	45.56	34.87	2.00	55.60

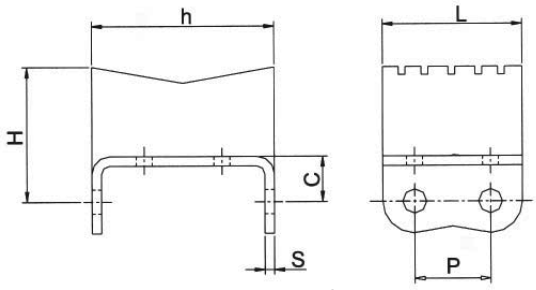


Type A

- These chains are designed to face special needs in wood, tile, glass, carton printing, and PVC tube extrusion industries.
- The rubber attachment can be supplied with single precision or duplex roller chains.
- Special Profiles can be made on request.

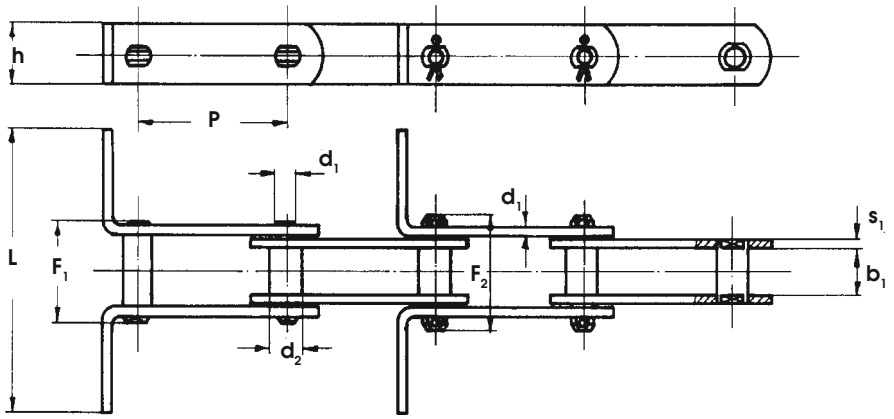


Type B



Type C

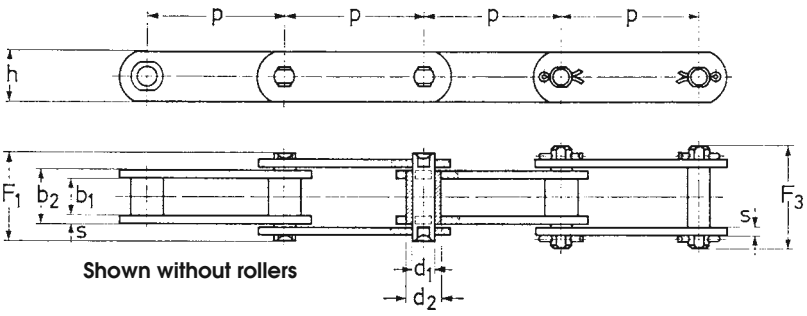
Scraper Chain
DIN 8167



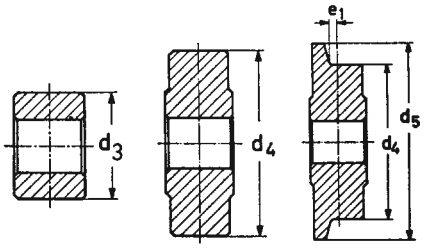
Chain No.	ISO No.	P	b_1	d_1	d_2	h	s	L mm	L mm	F_1	F_2	Breaking Strength N
SCM80	M80	80 100 125 160 200	28	12	18	35	5	140	220	62	86	80,000
SCM112	M112	80 100 125 160 200 250	32	15	21	40	6	150	230	73	101	112,000
SCM160	M160	100 125 160 200 250	37	18	25	50	7	170	250	85	117	160,000
SCM224	M224	125 160 200 250	43	21	30	60	8	190	280	98	134	224,000
SCM315	M315	160 200 250 315	48	25	36	70	10	210	300	112	154	315,000

Metric Conveyor Chain

DIN 8167(solid roller) & DIN 8168(hollow roller) - ISO 1977



Shown without rollers



A Small Roller | B Large Roller | D Flange Roller

Solid Bearing Pin Chain

Chain No.	ISO No.	P Pitches	b_1 min.	b_2 max.	d_1	d_2	d_3 A	d_4 B	d_4/d_5 D	e_1	F_1	F_3	h	s	f cm^2	F_B N
602	M 20	40•50•63•80 100•125•160	16	22	6	9	12.5	25	25/30	4	31.2	36.2	18	2.5	1.32	20,000
603	M 28	50•63•80•100 125•160•200	18	25	7	10	15	30	30/36	4.5	35.2	40.2	20	3	1.75	28,000
604	M 40	63•80•100•125 160•200•250	20	28	8.5	12.5	18	36	36/42	4.5	40.2	47.2	25	3.5	2.38	40,000
606	M 56	63•80•100•125 160•200•250	24	33	10	15	21	42	42/50	6	47.2	56.2	30	4	3.30	56,000
608	M 80	80•100•125•160 200•250•315	28	39	12	18	25	50	50/60	7	55.2	64.2	35	5	4.68	80,000
611	M 112	80•100•125•160 200•250•315•400	32	45	15	21	30	60	60/70	7.5	64.2	75.2	40	6	6.75	112,000
616	M 160	100•125•160•200 250•315•400•500	37	52	18	25	36	70	70/85	8.5	73.3	88.3	50	7	9.36	160,000
622	M 224	125•160•200•250 315•400•500•630	43	60	21	30	42	85	85/100	10	86.3	99.3	60	8	12.60	224,000
632	M 315	160•200•250 315•400•500•630	48	70	25	36	50	100	100/120	10.5	100.3	120.3	70	10	17.50	315,000
645	M 450	200•250•315 400•500•630•800	56	82	30	42	60	120	120/140	11.5	117.3	141.3	80	12	24.60	450,000
663	M 630	250•315•400 500•630•800•1000	66	96	36	50	70	140	140/170	14.5	136.3	159.3	100	14	34.56	630,000
690	M 900	250•315•400 500•630•800•1000	78	112	44	60	85	170	170/210	17	157.3	179.3	120	16	49.28	900,000

F_B = Breaking Load • f = Bearing Area

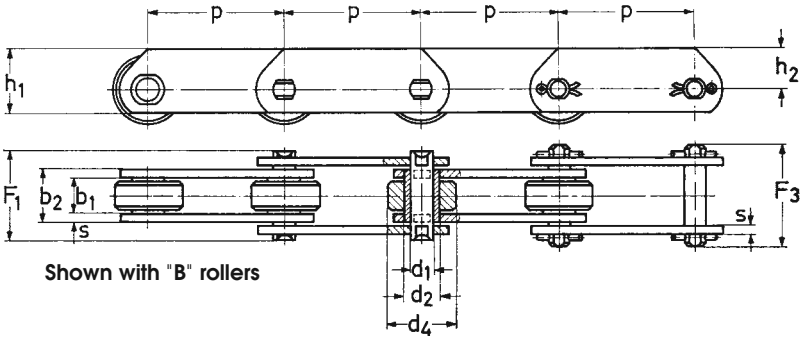
Example Part Numbers:

603-50-30X5M
Chain Number = 603
Pitch = 50mm
Roller Diameter = 30mm
Length = 5M

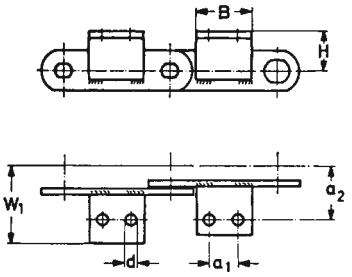
608-100-50FLX10FT
Chain Number = 608
Pitch = 100mm
Roller Diameter = 50mm Flange Roller
Length = 10 Feet

Metric Conveyor Chain

DIN 8167(solid roller) & DIN 8168(hollow roller) - ISO 1977



Shown with "B" rollers



Attachments

Deep Link Solid Bearing Pin Chain

Chain No.	ISO No.	P Pitch	a_1	a_2	B max.	d max.	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type) no roller	A	B	D	Attach. Weight
602	MT 20	40	**0**[1]	27	14	6.6	25	16	16	42	BSP	1.08	1.44	2.61	2.81	0.02
		50	**0**[1]		14						BSP	1.01	1.29	2.23	2.39	0.02
		63	20		35						25x20x3	0.99	1.23	2.00	2.13	0.04
		80	35		50							0.90	1.07	1.67	1.77	0.06
		100	50		65							0.86	1.00	1.47	1.55	0.07
		125	50		65							0.82	0.95	1.32	1.38	0.07
		160	50		65							0.80	0.89	1.19	1.24	0.07
603	MT 28	50	**0**[1]	32	20	9	30	20	20	50	BSP	1.54	1.82	3.32	3.52	0.02
		63	**0**[1]		20						BSP	1.42	1.64	2.84	3.00	0.02
		80	25		45						20x30x3	1.32	1.50	2.44	2.57	0.05
		100	40		60							1.24	1.38	2.13	2.23	0.07
		125	65		85							1.18	1.30	1.90	1.98	0.10
		160	65		85							1.13	1.22	1.69	1.75	0.10
		200	65		85							1.10	1.17	1.54	1.59	0.10
604	MT 40	63	**0**[1]	35	20	9	35	22.5	25	56	BSP	2.24	2.57	4.47	4.70	0.03
		80	20		40						30x30x3	1.98	2.25	3.75	3.95	0.06
		100	40		60							1.91	2.12	3.32	3.47	0.08
		125	65		85							1.81	1.98	2.93	3.06	0.15
		160	65		85							1.71	1.85	2.60	2.71	0.15
		200	65		85							1.64	1.75	2.35	2.42	0.15
		250	65		85							1.60	1.68	2.16	2.23	0.15
606	MT 56	63	**0**[1]	44	22	11	45	30	30	70	BSP	3.32	3.83	6.93	7.26	0.05
		80	**0**[1]		22						BSP	3.01	3.41	5.86	6.20	0.05
		100	25		50						40x40x4	2.79	3.11	5.07	5.34	0.12
		125	50		75							2.60	2.87	4.43	4.65	0.18
		160	85		110							2.44	2.64	3.87	4.04	0.27
		200	85		110							2.34	2.50	3.49	3.63	0.27
		250	85		110							2.25	2.37	3.16	3.27	0.27
608	MT 80	80	**0**[1]	48	22	11	50	32.5	35	80	BSP	4.65	5.29	9.35	9.95	0.05
		100	**0**[1]		22						BSP	4.27	4.79	8.03	8.50	0.05
		125	50		75						40x40x4	3.97	4.38	6.98	7.35	0.18
		160	85		110							3.70	4.03	6.05	6.35	0.27
		200	125		150							3.51	3.77	5.39	5.63	0.36
		250	125		150							3.37	3.57	4.87	5.06	0.36
		315	125		150							3.24	3.41	4.43	4.58	0.36

0^1 = only one hole
BSP = Bent Side Plate (attachment and side plate stamped from one piece)

Metric Conveyor Chain

DIN 8167(solid roller) & DIN 8168(hollow roller) - ISO 1977

Deep Link Solid Bearing Pin Chain

Chain No.	ISO No.	P Pitch	a_1	a_2	B max.	d max.	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type) no roller	A	B	D	Attach. Weight
611	MT 112	80	**0**[1]	55	28	14	60	40	40	92	50x50x6	6.75	7.88	14.6	15.3	0.13
		100	**0**[1]		28							6.15	7.06	12.4	13.0	0.13
		125	35		65							5.69	6.42	10.7	11.2	0.30
		160	65		95							5.26	5.83	9.15	9.54	0.44
		200	100		130							4.97	5.43	8.09	8.38	0.59
		250	100		130							4.74	5.10	7.22	7.47	0.59
		315	100		130							4.53	4.82	6.52	6.70	0.59
		400	100		130							4.38	4.61	5.94	6.08	0.59
616	MT 160	100	**0**[1]	62	30	14	70	45	45	100	50x50x6	9.70	11.2	19.5	20.4	0.14
		125	**0**[1]		30							8.85	10.1	16.7	17.5	0.14
		160	50		80							8.15	9.12	14.3	14.9	0.37
		200	85		115							7.56	8.33	12.5	13.0	0.53
		250	145		175							7.22	7.82	11.1	11.5	0.80
		315	145		175							6.88	7.38	9.95	10.3	0.80
		400	145		175							6.57	6.95	9.00	9.25	0.80
		500	145		175							6.36	6.68	8.35	8.52	0.80
622	MT 224	125	**0**[1]	70	35	18	90	60	55	114	60x60x8	13.1	14.9	26.6	27.8	0.25
		160	**0**[1]		35							11.9	13.3	22.4	23.4	0.25
		200	65		100							11.1	12.2	19.5	20.3	0.71
		250	125		160							10.3	11.2	17.1	17.7	1.13
		315	190		225							9.78	10.5	15.1	15.7	1.60
		400	190		225							9.30	9.86	13.5	13.9	1.60
		500	190		225							8.97	9.40	12.3	12.6	1.60
		630	190		225							8.67	9.02	11.3	11.6	1.60
632	MT 315	160	**0**[1]	80	35	18	100	65	65	125	70x70x9	18.3	20.5	34.4	36.1	0.27
		200	50		85							16.7	18.6	29.6	31.0	0.66
		250	100		135							15.6	17.1	25.9	27.1	1.04
		315	155		190							14.6	15.8	22.9	23.7	1.46
		400	155		190							13.9	14.8	20.3	21.2	1.46
		500	155		190							13.3	14.1	18.5	19.1	1.46
		630	155		190							12.8	13.4	16.9	17.4	1.46
645	MT 450	200	**0**[1]	90	40	18	120	80	75	140	70x70x9	24.2	27.5	46.0	47.8	0.37
		250	85		125							22.4	25.0	39.8	41.4	1.17
		315	155		195							20.9	22.9	34.7	36.0	1.82
		400	240		280							19.7	21.3	30.6	31.5	2.62
		500	240		280							18.7	20.1	27.5	28.2	2.62
		630	240		280							18.0	19.0	24.9	25.5	2.62
		800	240		280							17.4	18.2	22.8	23.3	2.62
663	MT 630	250	**0**[1]	115	50	24	140	90	90	190		34.8	39.6	62.8	65.7	0.89
		315	100		150							32.2	35.4	54.3	56.5	2.67
		400	190		240							30.3	32.7	47.8	49.5	4.27
		500	300		350							28.4	30.4	42.4	43.8	6.22
		630	300		350							27.1	28.7	38.3	39.3	6.22
		800	300		350							26.0	27.2	34.7	35.6	6.22
		1000	300		350							25.2	26.2	32.2	32.9	6.22
690	MT 900	250	**0**[1]	140	60	30	180	120	110	240		51.2	58.0	100	106	1.59
		315	65		125							47.0	52.3	85.7	90.2	3.32
		400	155		215							43.5	47.7	74.0	77.4	5.70
		500	240		300							40.8	44.2	65.3	68.1	7.95
		630	240		300							38.8	41.4	58.1	60.4	7.95
		800	240		300							36.9	39.0	52.2	51.7	7.95
		1000	240		300							35.5	37.2	47.7	49.1	7.95

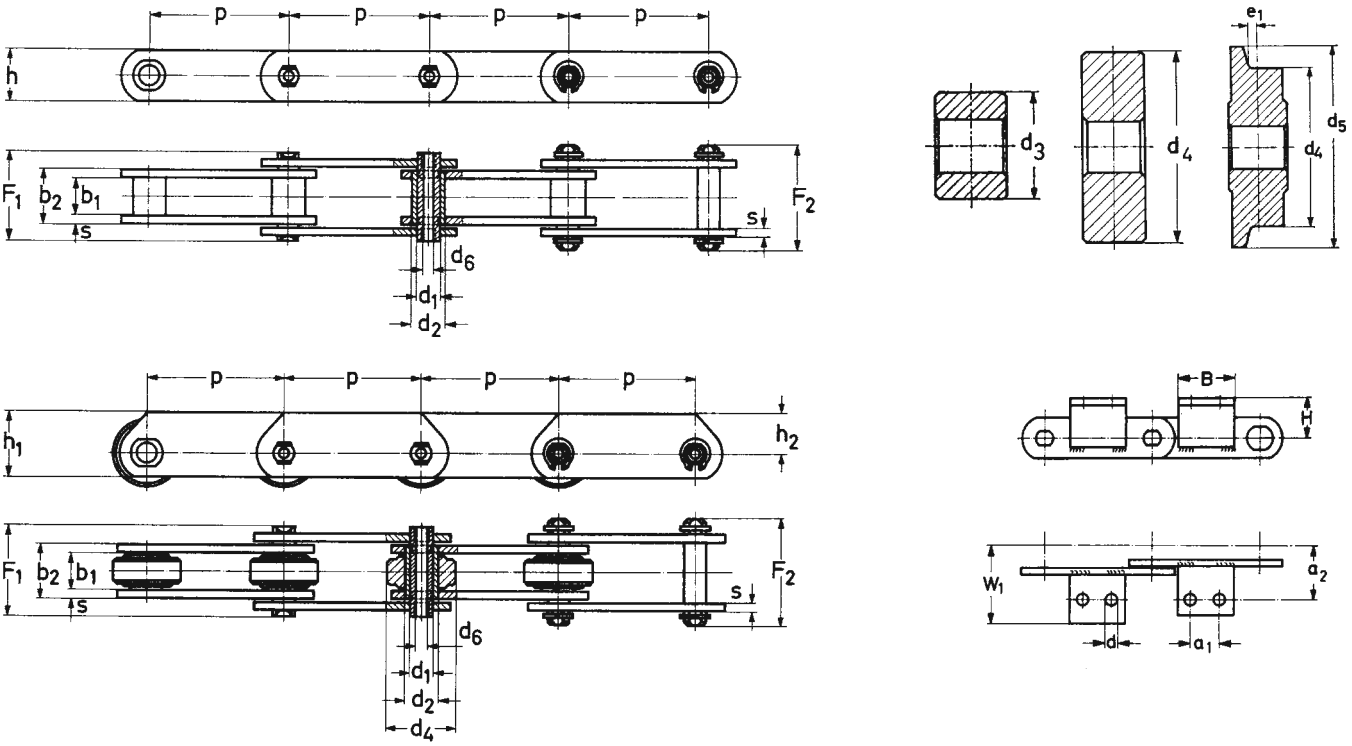
0^1 = only one hole

Example Part Number:

604-80-36 DLX5M
Chain Number = 604
Pitch = 80mm
Roller Diameter = 36mm
Deep Link Type = DL
Length = 5M

Metric Conveyor Chain

DIN 8167(solid roller) & DIN 8168(hollow roller) - ISO 1977



Hollow Bearing Pin Chain

Chain No.	ISO No.	P Pitches	b_1 min.	b_2 max.	d_1	d_2	d_3 A	d_4 B	d_4/d_5 D	d_6	e_1	F_1	F_2	h	s	f cm^2	F_B N
803	MC 28	63•80 100•125•160	20	28	13	17.5	25	36	36/42	8.2	4.5	40.6	40.6	25	3.5	3.64	28,000
806	MC 56	80•100•125 160•200•250	24	33	15.5	21	30	50	50/60	10.2	6.0	46.6	46.6	35	4	5.11	56,000
811	MC 112	100•125•160 200•250•315	32	45	22	29	42	70	70/85	14.3	7.5	63.8	63.8	50	6	9.9	112,000
822	MC224	160•200•250 315•400•500	43	60	31	41	60	100	100/120	20.3	10	82.9	82.9	70	8	18.6	224,000

Example Part Number: 806-100-30

Deep Link Hollow Bearing Pin Chain

Chain No.	ISO No.	P Pitch	a_1	a_2	B max.	d max.	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type) no roller	A	B	D	Attach. Weight
803	MC 28	63	**0**[1]	35	20	9	35	22.5	25	56	BSP	2.6	3.8	5.0	5.2	0.03
		80	20		40						30x30x3	2.4	3.3	4.3	4.4	0.06
		100	40		60							2.2	2.9	3.7	3.8	0.09
		125	65		85							2.0	2.6	3.2	3.3	0.12
		160	65		85							1.9	2.3	2.8	2.9	0.12
806	MC 56	80	0[1]	44	25	11	50	32.5	35	76	BSP	3.5	4.9	5.7	6.0	0.06
		100	0[1]		25						BSP	3.3	4.4	5.0	5.2	0.06
		125	50		75						40x40x4	3.1	4.0	4.5	4.6	0.18
		160	85		110							2.9	3.6	4.0	4.1	0.27
		200	125		150							2.7	3.3	3.6	3.7	0.36
		250	125		150							2.6	3.1	3.3	3.4	0.36

0[1] = only one hole
BSP = Bent Side Plate (attachment and side plate stamped from one piece)

Example Part Number: 806-100-30M

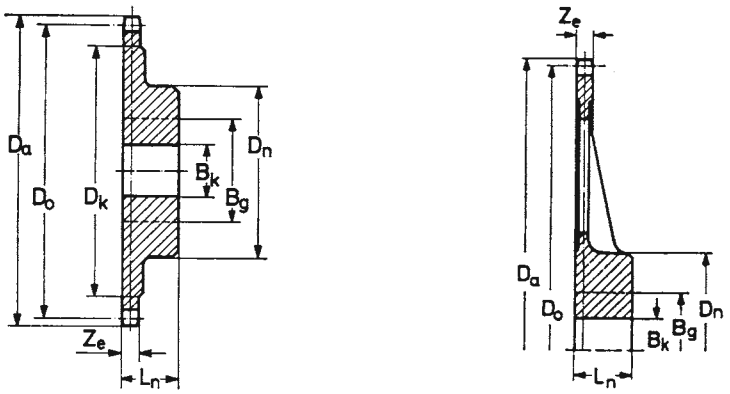
Metric Conveyor Chain

DIN 8167(solid roller) & DIN 8168(hollow roller) - ISO 1977

Deep Link Hollow Bearing Pin Chain

Chain No.	ISO No.	P Pitch	a_1	a_2	B max.	d max.	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type) no roller	A	B	D	Attach. Weight
811	MC 112	100	**0^1**	55	30	14	70	45	45	96	50x50x6	8.5	9.9	12.9	13.5	0.13
		125	**0^1**		30							7.6	8.9	11.3	11.7	0.13
		160	50		80							6.9	8.0	9.9	10.2	0.36
		200	85		115							6.5	7.3	8.8	9.1	0.51
		250	145		175							6.1	6.8	8.0	8.2	0.78
		315	145		175							5.3	5.8	6.8	6.9	0.78
822	MC 224	160	**0^1**	70	35	18	100	65	65	110	60x60x8	13.6	16.4	27	28.7	0.25
		200	50		85							12.6	13.5	22.0	23.4	0.60
		250	100		135							11.9	12.5	19.4	20.5	0.96
		315	155		190							11.2	11.8	17.4	18.0	1.35
		400	155		190											
		500	155		190											

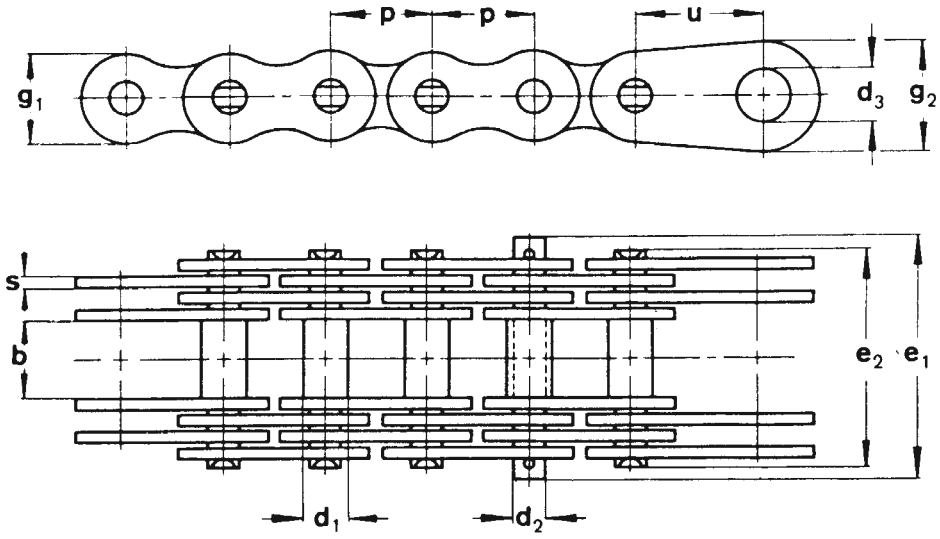
0^1 = only one hole



Chain Wheels

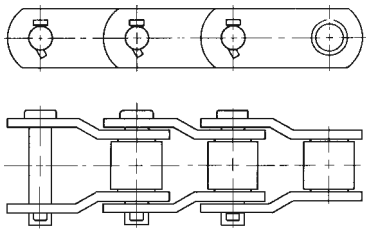
ISO No.	P Pitch	Teeth	ISO No.	P Pitch	Teeth	ISO No.	P Pitch	Teeth	ISO No.	P Pitch	Teeth	ISO No.	P Pitch	Teeth	ISO No.	P Pitch	Teeth
M20	40	10		80	8	M56	63	16		160	10			8			12
		16			10			24			12		160	10			8
		24			16			40			8			12			10
		40			24			8		200	10			8			12
	50	10		100	8		80	10			12		200	10			
		16			10			16			8			12			
		24			12			24		80	10			8			
		40		125	8			8	M112		16		250	10			
	63	10			10		100	10			24			12			
		16			12			12			8			8			
		24	M40	63	10			16		100	10		125	10			
		40			16			8			12	M224		12			
	80	8			24		125	10			16			8			
		10			40			12			8		160	10			
		16		80	8			8		125	10			12			
		24			10		160	10			12			8			
	100	8			16			12			8		200	10			
		10			24			8		160	10			12			
		12		100	8	M80	80	10			12			8			
		16			10			16			8		250	10			
M28	50	10			12			24		200	10			12			
		16			16			8			12			8			
		24		125	8		100	10			8		160	10			
		40			10			12		100	10	M315		12			
	63	10			12			16	M160		12			8			
		16		160	8			8			16		200	10			
		24			10		125	10			8			12			
		40			12			12		125	10			8			
					10			8			12		250	10			

Metric Stud Chain



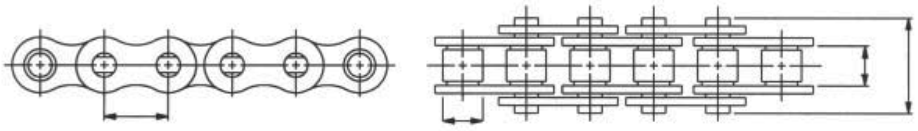
Chain No.	Pitch p	b	d_1	d_2	d_3	g_1	g_2	e_1	e_2	s	u	Number of Plates	Bearing Surface cm^2	Breaking Load N	Weight kg/m
305	20	15	8	6	10	15	20	32	27	2	25	2	0.24	30,000	1.00
306	25	18	10	8	12	18	25	41	35	3	30	2	0.48	50,000	1.82
308	30	20	11	9	14	20	30	57	50	3	40	4	1.08	96,000	3.04
310	35	22	12	10	16	26	35	60	52	3	45	4	1.20	119,000	3.95
311	40	25	14	12	18	31	40	65	57	3	50	4	1.44	150,000	5.10
312	45	30	17	14	22	35	45	69	62	3	55	4	1.68	188,000	6.55
313	50	35	22	18	26	40	50	94	84	4.5	60	4	3.24	300,000	11.30
314	55	40	24	21	32	42	55	106	101	6	65	4	5.04	390,000	14.50
315	60	45	26	23	36	46	60	119	106	6	70	4	5.52	500,000	17.10
316	65	45	28	25	40	52	65	124	112	4.5	75	6	6.75	650,000	20.10
317	70	50	32	28	40	55	70	146	138	6	85	6	10.08	920,000	32.00

T.L. = Terminal Link
C.L (CP) = Conn?ins



METRIC ROTARY CHAIN

Roller Chain With Nylon Bushings/Bearings



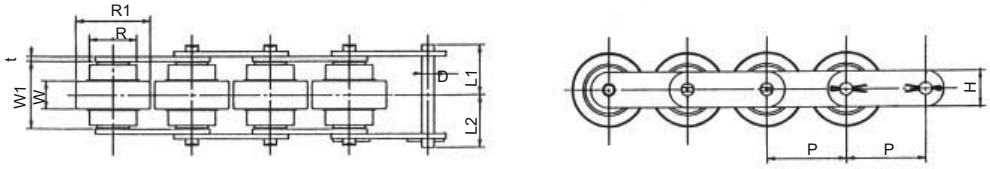
SINGLE CHAIN

Chain Size	Chain No.	ISO No.	Pitch P mm	Between Inner Plate b1 mm	Roller Dia. d1 mm	Overall Width ~ F3 mm	Weight kg/m	Package Size	Breaking Load N
1/2 x 5/16	**42PB**	08B	12.70	7.75	8.51	20.9	0.70	5 m	14,000
5/8 x 3/8	**52PB**	10B	15.88	9.65	10.16	23.7	0.91	5 m	19,000
3/4 x 7/16	**62PB**	12B	19.05	11.68	12.07	27.3	1.17	5 m	25,000
1 x 17	**82PB**	16B	25.40	17.02	15.88	40.9	2.63	5 m	53,000

Note: The nylon (Polyamide 6.6) bushings/ bearings line the inside wall of the rollers for exceptional lubrication free performance.

Double and triple strand chain also available.

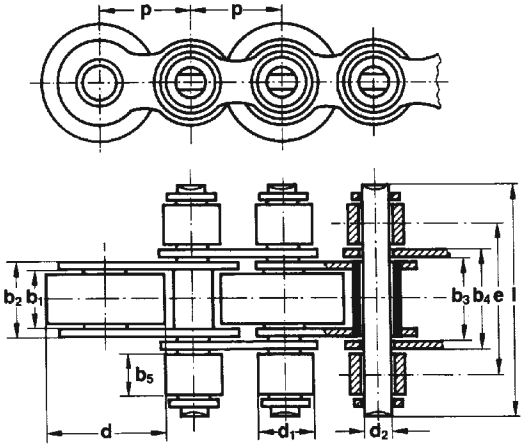
Metric Triple Speed Chain



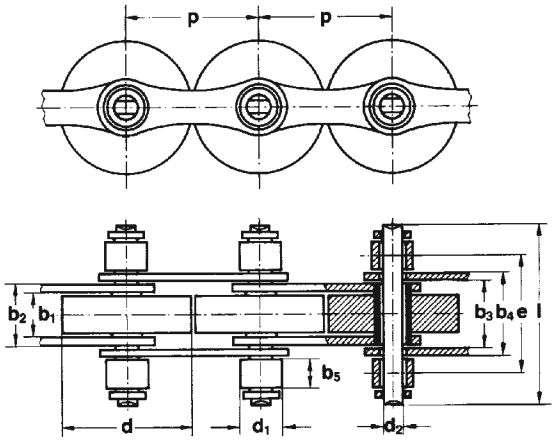
Roller Specifications	RollerType	Main Roller Color	Aux. Roller Color
General Type	DP	Gray	Black
Conduction Type	DPC	Black	Black
General Type	DN	Gray	Gray
Conduction Type	DNC	Black	Gray

Chain No.	P	R	R1	W1	W	t	H	D	L1	L2
CZ3 CY3	19.05	11.90	18.3	7.0	15.75	1.2	8.8	3.28	11.2	12.95
CZ4 CY4	25.40	15.88	24.6	9.0	22.30	1.5	11.7	3.97	15.0	17.45
CZ5 CY5	31.75	19.05	30.0	11.4	28.00	2.0	14.6	5.08	19.2	21.20
CZ6 CY6	38.10	22.23	36.0	15.0	31.50	3.2	17.5	5.95	23.5	26.20

European and American Standard Accumulator Chain



Design 1



Design 2

Other designs, pin lengths, roller diameters upon request.

Chain No.	Design	Pitch p	Inner Width b_1 min.	Width of Inner Link b_2 max.	Width Between/Over Outer Plates b_3 min.	Width Between/Over Outer Plates b_4 min.	Width of Rollers b_5	Roller Diameter d_1	Pin Diameter d_2 h9	Dimension over Pin l max.
T 455 SF	T	9.525	5.72	8.53	29.14	–	–	6.35	3.28	34
40 SFK	3 **ANSI**	12.7	7.85	11.15	11.28	14.48	9	7.85	3.96	33
513 SF	1	19.05	11.68	15.62	15.8	19.55	11.5	12.07	5.72	48
513 SFK										
T 513 SF	T	19.05	11.68	15.62	15.8	–	–	12.07	5.72	61.7
T 513 SFK										
548 SF	1	25.4	17.02	25.45	25.81	32	12.5	15.88	8.28	65
548 SFK										
T 548 SF	T	25.4	17.02	25.45	25.81	–	–	15.88	8.28	99.9
T 548 SFK										
713 SF	2	25.4	7.75	11	11.1	14.4	8.3	12	4.45	35
713 SFK										
722 SF	2	38.1	11.68	15.62	15.8	19.55	11.5	12.07	5.72	48
722 SFK										
728 SF	2	50.8	17.02	25.45	25.8	32	12.5	15.88	8.28	65
728 SFK										

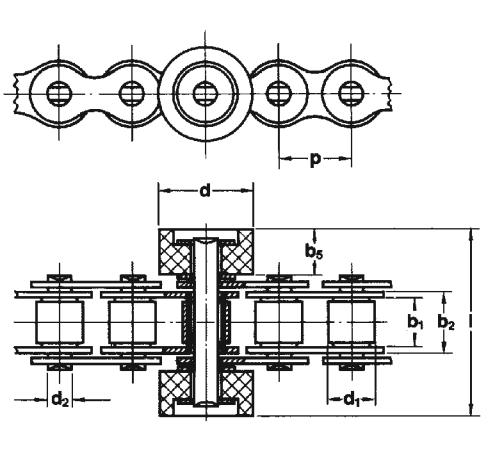
Accumulator Chains Series SF Stainless Steel

513 RF SF	1	19.05	11.68	15.62	15.8	19.55	11.5	12.07	5.72	48
513 RF SFK										
548 RF SF	1	25.4	17.02	25.45	25.81	32	12.5	15.88	8.28	65
548 RF SFK										
722 RF SF	2	38.1	11.68	15.62	15.8	19.55	11.5	12.07	5.72	48
722 RF SFK										
728 RF SF	2	50.8	17.02	25.45	25.81	32	12.5	15.88	8.28	65
728 RF SFK										

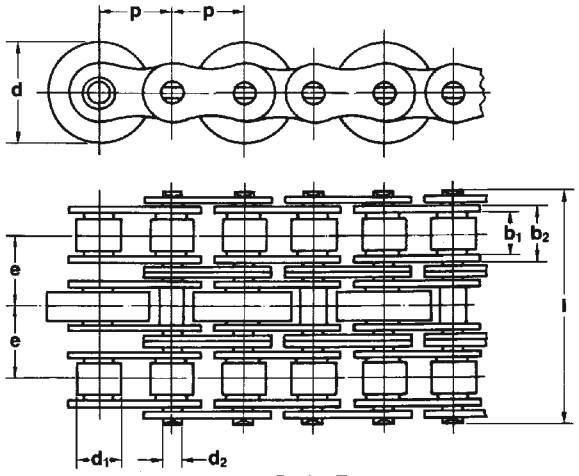
Connecting links with Seeger circlip ring. Our connecting links principally have the same Length l as the standard pins.
SF = Accumulator rollers made of Steel, SFK = Accumulator Roller made of Plastic

Accumulator chain sprockets available. Please contact our Special Products Dept. for information.

European and American Standard Accumulator Chain



Design 3



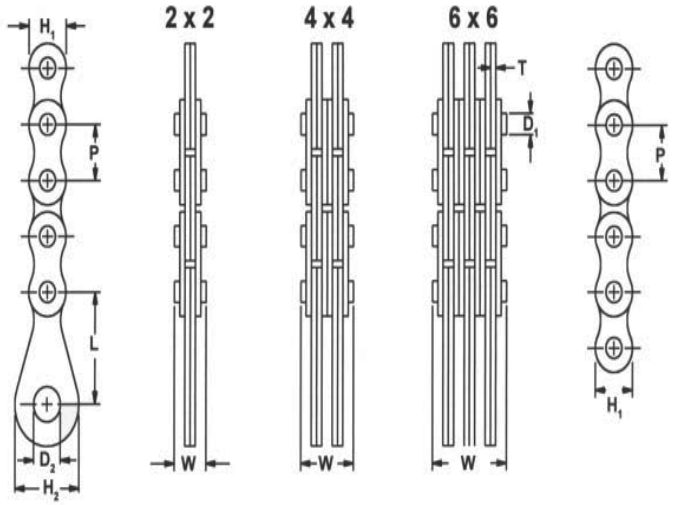
Design T

Center Distance e	Material Steel	Material Plastic	Conveyor Rollers d	Diameter Variant I d	Diameter Variant II d	Load per Conveyor Roller with 10 m of Conveying Length kg	Temperature Range °C	Breaking Load F_B N	Weight kg/m
10.24	X		9.2			2	- 30 to + 200	16,000	1.18
		X	16.75			upon request	- 10 to + 60	14,100	
31.5	X		24	26	28	15	- 30 to + 200	32,000	3.1
		X				10	- 10 to + 60		2.3
38.92	X		24	26	28	30	- 30 to + 200	90,000	4.5
		X				10	- 10 to + 60		3.1
44.9	X		38.5			30	- 30 to + 200	70,000	7.2
		X				25	- 10 to + 60		4.9
63.76	X		38.5			75	- 30 to + 200	160,000	9.3
		X				25	- 10 to + 60		7.3
22.7	X		18			4.5	- 30 to + 200	18,000	2.1
		X				4.5	- 10 to + 60		1.3
31.5	X		24	26	28	15	- 30 to + 200	32,000	2.2
		X				10	- 10 to + 60		1.3
44.9	X		50			30	- 30 to + 200	70,000	7.6
		X				25	- 10 to + 60		3.6

31.5	X		24			7.5	- 30 to + 200	18,500	3.1
		X					- 10 to + 60		2.3
44.9	X		38.5			15	- 30 to + 200	40,000	7.2
		X					- 10 to + 60		4.9
31.5	X		24			7.5	- 30 to + 200	18,500	2.2
		X					- 10 to + 60		1.3
44.9	X		38.5			15	- 30 to + 200	40,000	7.6
		X					- 10 to + 60		3.6

Coefficient of Friction: Steel on Steel, Oiled 0.15 **Maximum Conveying Length 25 - 30 Meters**
Coefficient of Friction: Steel on Plastics < 0.1 **Upon Request Guide Plates Can be Installed for Long Conveying Lengths**

Metric Leaf Chain



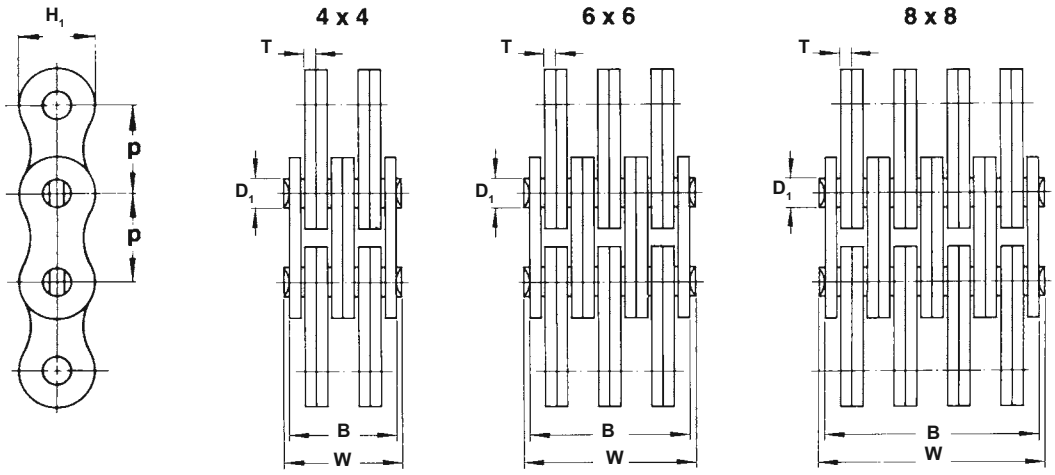
SHOWN WITH TERMINAL LINK

SHOWN WITHOUT TERMINAL LINK

European Standard Leaf Chain

Chain No.	Intl. Ref. No.	Pitch P	Lacing	Overall Width W	Pin Diameter D_1	Chain Height H_1	Plate Thickness T	Link Height H_2	Link Length L	Link Hole D_2	Break Load N	Weight kg/m
LF 122	LL 08 22		2 x 2	9.0							18,000	0.39
LF 124	LL 08 44	12.7	4 x 4	15.2	4.45	10.7	1.55	20	30	10	36,000	0.74
LF 126	LL 08 66		6 x 6	21.4							54,000	1.1
LF 152	LL 10 22		2 x 2	10							26,000	0.5
LF 154	LL 10 44	15.875	4 x 4	17.1	5.08	12.6	1.72	20	30	10	50,000	0.96
LF 156	LL 10 66		6 x 6	24.1							78,000	1.39
LF 192	LL 12 22		2 x 2	10.7							33,000	0.59
LF 194	LL 12 44	19.05	4 x 4	18.1	5.72	14.7	1.83	20	30	10	66,000	1.15
LF 196	LL 12 66		6 x 6	25.4							99,000	1.7
LF 252	LL 16 22		2 x 2	17.2							70,000	1.56
LF 254	LL 16 44	25.4	4 x 4	29.3	8.28	21.4	3	35	45	16	140,000	3.04
LF 256	LL 16 66		6 x 6	41.3							210,000	4.53
LF 312	LL 20 22		2 x 2	20.3							105,000	2.01
LF 314	LL 20 44	31.75	4 x 4	36.5	10.19	24.5	3.75	35	45	16	210,000	3.93
LF 316	LL 20 66		6 x 6	51.5							315,000	5.86
LF 382	LL 24 22		2 x 2	26.5							175,000	4.18
LF 384	LL 24 44	38.1	4 x 4	46.5	14.63	33.4	5	50	60	26	350,000	8.48
LF 386	LL 24 66		6 x 6	67.5							475,000	12.2
LF 442	LL 28 22		2 x 2	30.5							210,000	6.25
LF 444	LL 28 44	44.45	4 x 4	54.5	15.87	40	6	60	70	36	410,000	12.2
LF 446	LL 28 66		6 x 6	80.5							605,000	18.2
LF 502	LL 32 22		2 x 2	30.5							265,000	6.73
LF 504	LL 32 44	50.80	4 x 4	54.5	17.83	43	6	60	70	36	530,000	13.1
LF 506	LL 32 66		6 x 6	80.5				.			800,000	19.5
LF 508	LL 32 88		8 x 8	105.5							1,050,000	25.8

Metric Leaf Chain



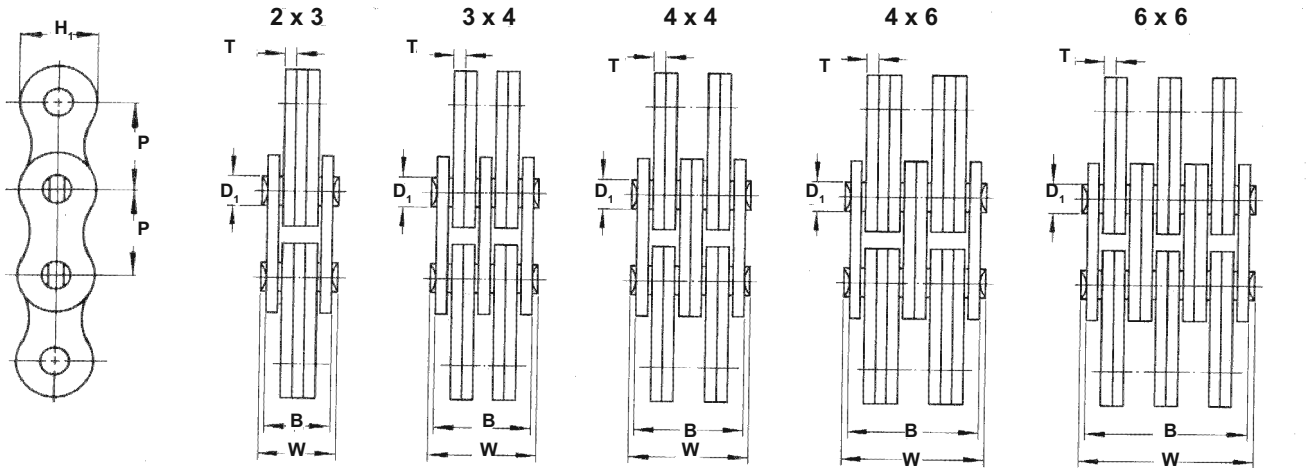
Leaf Chain with Case-Hardened Bushings

Chain No.	Pitch P	Lacing	Overall Width W	Plate Width B	Pin Diameter D_1	Chain Height H_1	Plate Thickness T	Break Load N	Weight kg/m
FB 124	12.7	4 x 4	15.2	12.8	4.45	11.7	1.55	36,000	0.93
FB 126		6 x 6	21.4	19				54,000	1.4
FB 154		4 x 4	17.1	14.5				52,000	1.2
FB 156	15.875	6 x 6	24.1	21.5	5.08	14.4	1.72	78,000	1.8
FB 158		8 x 8	30.9	28				102,000	2.3
FB 194	19.05	4 x 4	18.1	15.2	5.72	16.1	1.83	64,000	1.4
FB 196		6 x 6	25.4	22.6				95,000	2.3
FB 194 S	19.05	4 x 4	22.2	19.2	6.5	18.1	2.35	85,000	2
FB 196 S		6 x 6	31.7	28.8				130,000	2.9
FB 254	25.4	4 x 4	29.3	25.6	8.28	23	3	140,000	3.5
FB 256		6 x 6	41.3	37.5				210,000	5
FB 258		8 x 8	52.1	49				280,000	6.8

Leaf Chain in Special Heavy Duty Construction

FH 384		4 x 4	53.2	42				354,000	9.1
FH 386	38.1	6 x 6	75.2	62	14.63	33	5	540,000	12.5
FH 388		8 x 8	94.2	83				700,000	16.5
FH 504		4 x 4	60.2	50				530,000	13.5
FH 506	50.8	6 x 6	87.2	74	17.81	43	6	800,000	20
FH 508		8 x 8	111.2	99				1,050,000	26.5
FH 634		4 x 4	81.2	70				845,000	19.4
FH 636	63.5	6 x 6	112.2	101	22.89	52	8	1,270,000	29.1
FH 638		8 x 8	142.2	135				1,690,000	38.8

Metric Leaf Chain



Leaf Chain with Special Lacing

Chain No.	Pitch P	Lacing	Overall Width W	Plate Width B	Pin Diameter D_1	Chain Height H_1	Plate Thickness T	Break Load N	Weight kg/m
BL 523		2 x 3	15.3	12.6				33,400	1.1
BL 534		3 x 4	20.3	17.5				50,100	1.5
BL 544	15.875	4 x 4	22.7	20.0	5.96	15.1	2.4	66,800	1.8
BL 546		4 x 6	27.7	24.8				66,800	2.2
BL 623		2 x 3	20.7	17.0				48,900	1.8
BL 634		3 x 4	27.4	24.5				73,400	2.5
BL 644	19.05	4 x 4	30.7	27.8	7.94	18.1	3.2	97,800	2.9
BL 646		4 x 6	37.4	34.4				97,800	3.6
BL 666		6 x 6	44.2	41.0				146,800	4.3
BL 823		2 x 3	25.4	21.1				84,500	2.7
BL 834		3 x 4	33.7	29.2				126,800	3.8
BL 844	25.4	4 x 4	37.9	33.2	9.54	24.1	3.9	169,000	4.3
BL 846		4 x 6	46.1	41.4				169,000	5.4
BL 866		6 x 6	54.4	49.4				253,600	6.5
BL 1023		2 x 3	30.3	25.2				115,600	4.3
BL 1034	31.75	3 x 4	40.2	35.3	11.11	30.2	4.7	173,400	6.0
BL 1044		4 x 4	45.1	40.0				231,200	6.9
BL 1046		4 x 6	55.0	50.3				231,200	8.6

American Standard (ANSI) Chain
Leaf Chain

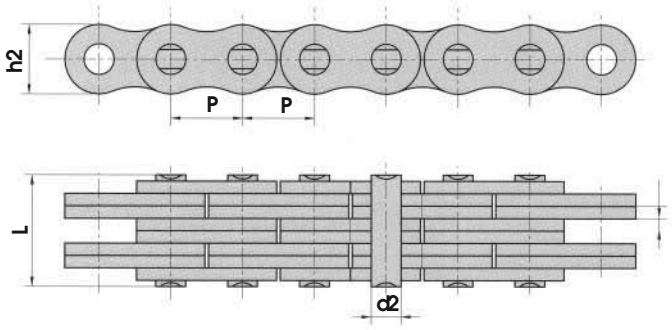
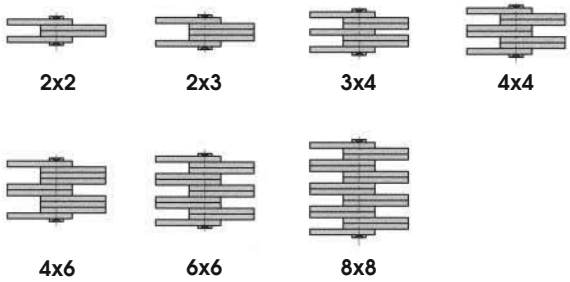


Plate Lacing



ANSI Chain No.	Pitch P	Plate Lacing min.	Plate Depth h2 max.	Plate Thickness T max.	Pin Diameter d2 max.	Pin Length L max.	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
BL422		2 x 2				0.435	22.2/5045	27.6	0.29
BL423		2 x 3				0.518	22.2/5045	27.6	0.36
BL432		3 x 4				0.685	33.4/7591	41.4	0.51
BL444	0.500	4 x 4	0.475	0.082	0.200	0.768	44.5/10114	56.0	0.58
BL446		4 x 6				0.935	44.5/10114	56.0	0.73
BL466		6 x 6				1.102	66.7/15159	81.7	0.87
BL488		8 x 8				1.435	89.0/20227	109.4	1.16
BL522		2 x 2				0.508	33.4/7591	43.1	0.40
BL523		2 x 3				0.605	33.4/7591	43.1	0.50
BL534		3 x 4				0.800	48.9/11114	65.6	0.68
BL544		4 x 4				0.897	66.7/15159	84.5	0.82
BL546	0.625	4 x 6	0.594	0.096	0.235	1.092	66.7/15159	84.5	1.00
BL566		6 x 6				1.287	100.1/22750	125.1	1.20
BL588		8 x 8				1.676	133.4/30318	169.5	1.59
BL622		2 x 2				0.684	48.9/11114	63.6	0.66
BL623		2 x 3				0.816	48.9/11114	63.6	0.82
BL634		3 x 4				1.080	75.6/17181	102.8	1.13
BL644	0.750	4 x 4	0.713	0.130	0.313	1.212	97.9/22250	120.9	1.32
BL646		4 x 6				1.476	97.9/22250	120.9	1.63
BL666		6 x 6				1.740	146.8/33364	190.8	1.95
BL688		8 x 8				2.268	195.7/44477	238.8	2.63
BL822		2 x 2				0.840	84.5/19204	108.2	1.00
BL823		2 x 3				1.003	84.5/19204	108.2	1.23
BL834		3 x 4				1.329	129.0/29318	170.0	1.72
BL844	1.000	4 x 4	0.950	0.161	0.376	1.492	169.0/38409	214.6	1.95
BL846		4 x 6				1.818	169.0/38409	214.6	2.45
BL866		6 x 6				2.144	253.6/57636	324.5	2.95
BL888		8 x 8				2.796	338.1/76841	432.7	3.90

American Standard (ANSI) Chain
Leaf Chain

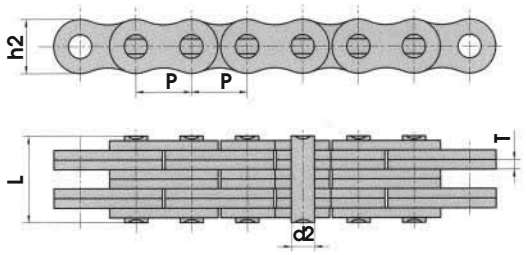
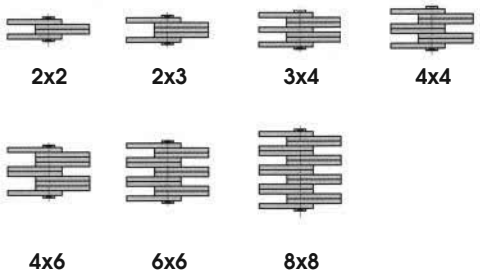


Plate Lacing



ANSI Chain No.	Pitch P	Plate Lacing min.	Plate Depth h2 max.	Plate Thickness T max.	Pin Diameter d2 max.	Pin Length L max.	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
BL1022		2 x 2				0.999	115.6/26272	150.8	1.54
BL1023		2 x 3				1.194	115.6/26272	150.8	1.95
BL1034		3 x 4				1.584	182.4/41454	231.6	2.72
BL1044	1.250	4 x 4	1.188	0.193	0.437	1.779	231.3/52568	291.4	3.13
BL1046		4 x 6				2.169	231.352568	291.4	3.90
BL1066		6 x 6				2.559	347.0/78863	430.3	4.67
BL1088		8 x 8				3.339	462.6/105136	555.1	6.26
BL1222		2 x 2				1.166	151.2/34363	192.0	2.09
BL1223		2 x 3				1.395	151.2/34363	192.0	2.63
BL1234		3 x 4				1.853	244.6/55591	315.9	3.68
BL1244	1.500	4 x 4	1.425	0.227	0.500	2.082	302.5/68750	381.1	4.22
BL1246		4 x 6				2.540	302.5/68750	381.1	5.26
BL1266		6 x 6				2.998	453.7/103113	543.6	6.31
BL1288		8 x 8				3.914	605.0/137500	726.0	8.44
BL1422		2 x 2				1.321	191.3/43477	225.7	2.77
BL1423		2 x 3				1.581	191.3/43477	225.7	3.45
BL1434		3 x 4				2.101	315.8/71772	372.6	4.81
BL1444	1.750	4 x 4	1.663	0.262	0.563	2.361	382.6/86954	451.2	5.54
BL1446		4 x 6				2.881	382.6/86954	451.2	6.90
BL1466		6 x 6				3.401	578.3/131431	682.4	8.26
BL1488		8 x 8				4.441	765.1/173886	902.8	11.03
BL1622		2 x 2				1.536	289.1/65704	341.1	3.63
BL1623		2 x 3				1.834	289.1/65704	341.1	4.54
BL1634		3 x 4				2.430	440.4/100091	519.6	6.35
BL1644	2.000	4 x 4	1.900	0.296	0.687	2.728	573.8/131431	680.4	7.26
BL1646		4 x 6				3.324	578.3/131431	680.4	9.07
BL1666		6 x 6				3.920	857.4/194863	1000.7	10.89
BL1688		8 x 8				5.112	1156.5/262841	1364.6	14.52
BL2022		2 x 2				2.037	433.7/98568	511.7	7.17
BL2023		2 x 3				2.429	433.7/98568	511.7	8.98
BL2034		3 x 4				3.213	649.4/147590	766.2	12.57
BL2044	2.500	4 x 4	2.375	0.390	0.937	3.605	867.4/197163	1023.5	14.34
BL2046		4 x 6				4.389	867.4/197163	1023.5	17.92
BL2066		6 x 6				5.173	1301.1/295704	1535.2	21.51
BL2088		8 x 8				6.741	1734.8/394272	2046.5	28.68

American Standard (ANSI) Chain
Leaf Chain

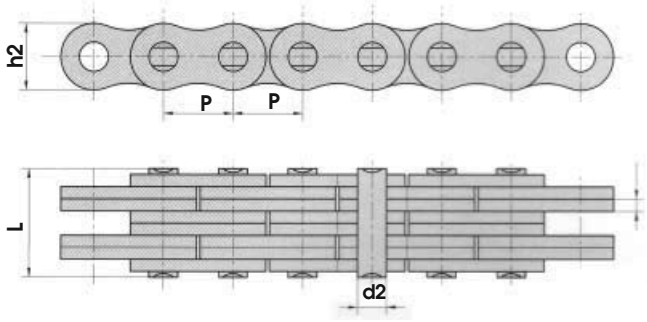
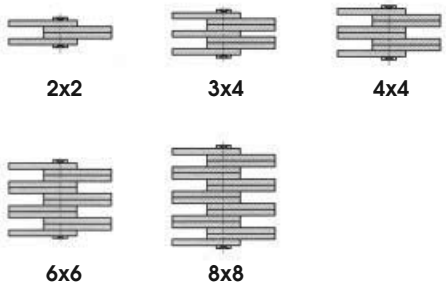
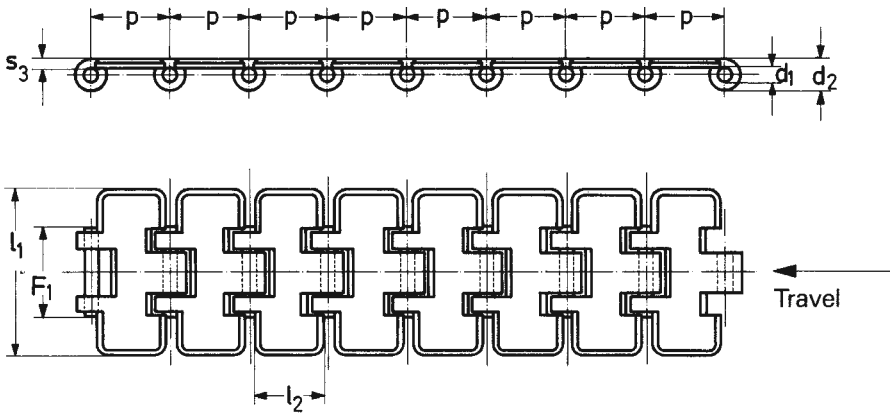


Plate Lacing



ANSI Chain No.	Pitch P	Plate Lacing min.	Plate Depth h2 max.	Plate Thickness T max.	Pin Diameter d2 max.	Pin Length L max.	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
AL322		2 x 2				0.268	9.0/2045	10.2	0.10
AL344	0.375	4 x 4	0.303	0.051	0.141	0.457	18.0/4090	20.0	0.21
AL422		2 x 2				0.327	14.1/3205	16.9	0.18
AL444	0.500	4 x 4	0.409	0.059	0.156	0.567	28.2/6409	35.2	0.34
AL466		6 x 6				0.807	42.3/9614	52.7	0.51
AL522		2 x 2				0.435	22.0/5000	27.5	0.29
AL534		3 x 4				0.669	33.0/7500	46.0	0.50
AL544	0.625	4 x 4	0.504	0.080	0.200	0.764	44.0/10000	55.0	0.57
AL566		6 x 6				1.083	66.0/15000	82.5	0.81
AL622		2 x 2				0.512	37.0/8409	44.4	0.39
AL644	0.750	4 x 4	0.614	0.095	0.234	0.894	63.7/14450	78.8	0.80
AL666		6 x 6				1.268	100.1/22750	118.6	1.18
AL688		8 x 8				1.661	133.4/30317	156.6	1.58
AL822		2 x 2				0.630	56.7/12886	68.6	0.70
AL844	1.000	4 x 4	0.807	0.128	0.312	1.157	113.4/25773	135.6	1.36
AL866		6 x 6				1.740	170.0/38636	202.3	2.02
AL1022		2 x 2				0.772	88.5/20114	107.1	1.08
AL1044	1.250	4 x 4	1.008	0.157	0.375	1.433	177.0/40227	203.6	2.12
AL1066		6 x 6				2.059	265.0/60227	315.3	3.27
AL1088		8 x 8				2.697	354.0/80454	421.2	4.51
AL1222		2 x 2				0.957	127.0/28864	151.1	1.66
AL1244	1.500	4 x 4	1.201	0.189	0.437	1.724	254.0/57727	299.7	3.20
AL1266		6 x 6				2.488	381.0/86591	426.3	4.76
AL1288		8 x 8				3.252	508.0/11545	568.4	6.37
AL1444	1.750	4 x 4	1.433	0.220	0.498	2.020	372.7/84705	413.6	4.69
AL1466		6 x 6				2.935	559.0/127045	620.4	6.88
AL1644	2.000	4 x 4	1.638	0.252	0.559	2.283	471.0/107045	522.8	5.89
AL1666		6 x 6				3.299	706.0/160454	783.6	8.97
AL1688		8 x 8				4.311	942.0/214090	1045.5	11.56

Flat Top Chain
(DIN 8153 / ISO 4348)

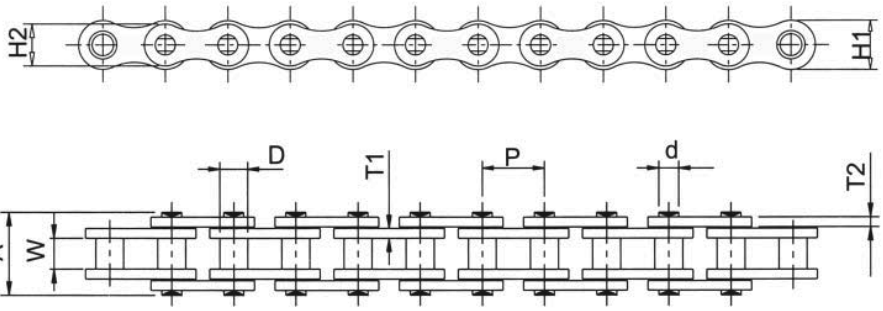


Chain No.	Pitch p	d_1	d_2	F_1	L_1	L_2	S_3	Material	f cm^2	Work Load N	Weight kg/m
8200	38.1	6.35	12.7	42.5	82.5	35	3		1.3	3,332	2.5
8300	38.1	6.35	12.7	42.5	88.9	35	3		1.3	3,332	2.7
8400	38.1	6.35	12.7	42.5	101.6	35	3	Heat Treated	1.3	3,332	3.0
8500	38.1	6.35	12.7	42.5	114.3	35	3	C1040	1.3	3,332	3.3
8600	38.1	6.35	12.7	42.5	152.4	35	3		1.3	3,332	4.1
8700	38.1	6.35	12.7	42.5	190.5	35	3		1.3	3,332	4.9
8800	38.1	6.35	12.7	80.8*	190.5	35	3		2.4	6,272	5.6
8210	38.1	6.35	12.7	42.5	82.5	35	3		1.3	2,646	2.5
8310	38.1	6.35	12.7	42.5	88.9	35	3	Slats:	1.3	2,646	2.7
8410	38.1	6.35	12.7	42.5	101.6	35	3	430**	1.3	2,646	3.0
8510	38.1	6.35	12.7	42.5	114.3	35	3	pins:	1.3	2,646	3.3
8610	38.1	6.35	12.7	42.5	152.4	35	3	420**	1.3	2,646	4.1
8710	38.1	6.35	12.7	42.5	190.5	35	3		1.3	2,646	4.9
8810	38.1	6.35	12.7	80.8*	190.5	35	3		2.4	5,096	5.6
8220	38.1	6.35	12.7	42.5	82.5	35	3		1.3	2,646	2.5
8320	38.1	6.35	12.7	42.5	88.9	35	3	Slats:	1.3	2,646	2.7
8420	38.1	6.35	12.7	42.5	101.6	35	3	304**	1.3	2,646	3.0
8520	38.1	6.35	12.7	42.5	114.3	35	3	pins:	1.3	2,646	3.3
8620	38.1	6.35	12.7	42.5	152.4	35	3	301**	1.3	2,646	4.1
8720	38.1	6.35	12.7	42.5	190.5	35	3		1.3	2,646	4.9
8820	38.1	6.35	12.7	80.8*	190.5	35	3		2.4	5,096	5.6

*** Double Hinge Table Top Chain ** Stainless Steel**

Note: Flat Top Chain Sprocket Available

Automotive CAM Chains

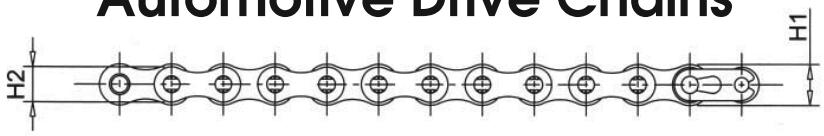


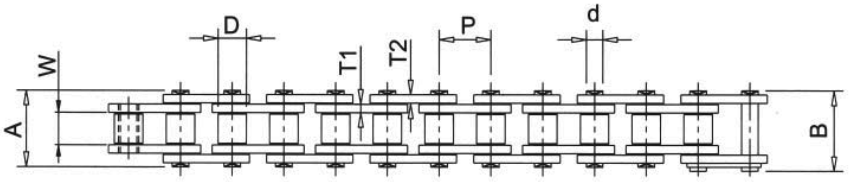
Intl. Ref. Number	Ametric Part Number	No. of Strands	Pitch (P)	Width between Inner Plates (W) (Min)	Roller Diameter (D) (Max)	Plate Height		Plate Thickness		Bearing Pin Diameter (D) (Max)	Width Over Bearing Pin (A) (Max)	Transverse Pitch (P1)	Average Weight per Meter (Kg)	Tensile Strength KN (Min)
						IP (H1) (Max)	OP (H2) (Max)	IP (T1) (Max)	OP (T1) (Max)					
25	CAM 25	1	6.35	3.18	3.30	5.80	5.20	0.75	0.75	2.31	7.80	-	0.14	37.73
*25SH	CAM 25SH	1	6.35	3.18	3.30	5.80	5.80	1.00	1.00	2.00	9.00	-	0.22	40.79
25H	CAM 25H	1	6.35	3.18	3.30	5.80	5.20	1.00	1.00	2.31	9.00	-	0.17	49.97
25HT	CAM 25HT	1	6.35	3.18	3.30	5.80	5.20	1.00	1.00	2.31	9.00	-	0.17	49.97
25HT	CAM 25HT X	1	6.35	3.18	3.30	5.80	5.20	1.00	1.00	2.00	9.00	-	0.19	40.79
25T-2	CAM 25T-2	2	6.35	3.18	3.30	5.80	5.20	0.75	0.75	2.31	14.42	6.40	0.28	75.46
25-3	CAM 25-3	3	6.35	3.18	3.30	5.80	5.20	0.75	0.75	2.31	20.80	6.40	0.45	107.07

CAM Chains are designed for excellent wear resistance and smooth transmission with minimal noise even under high RPM. ALSO USED FOR INDUSTRIAL APPLICATIONS

1-005-040205

Automotive Drive Chains





Ametric Part Number	Pitch (P)	Width between Inner Plates (W) (Min)	Roller Diameter (D) (Max)	Plate Height		Plate Thickness		Bearing Pin Diameter (D) (Max)	Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Average Weight per Meter (Kg)	Tensile Strength KN (Min)
				IP (H1) (Max)	OP (H2) (Max)	IP (T1) (Max)	OP (T1) (Max)					
J415	12.70	5.15	7.75	10.57	10.57	1.37	1.37	4.07	13.16	14.30	0.476	142.76
J415H	12.70	5.01	7.75	10.57	10.57	1.76	1.50	4.07	14.05	15.20	0.554	163.15
J415R	12.70	5.01	7.75	9.90	9.00	1.76	1.58	4.07	14.30	15.40	0.500	163.15
J420	12.70	6.35	7.77	11.56	10.57	1.50	1.50	3.96	14.80	16.40	0.583	163.15
J428	12.70	7.95	8.51	11.56	10.57	1.58	1.50	4.47	16.80	19.00	0.693	193.75
J428H	12.70	7.85	8.51	11.75	10.20	2.00	2.00	4.46	18.90	21.05	0.848	214.14
J520	15.875	6.35	10.16	14.48	13.51	2.00	2.00	5.07	17.44	18.90	0.944	275.32
J525	15.875	7.94	10.16	14.48	13.51	2.00	2.00	5.07	18.95	20.40	1.007	275.32
J530	15.875	9.40	10.16	14.48	13.51	2.00	2.00	5.07	21.80	24.30	1.055	275.32
J520M	15.875	6.35	10.16	15.00	12.92	2.00	2.00	5.25	17.44	18.90	1.025	305.91

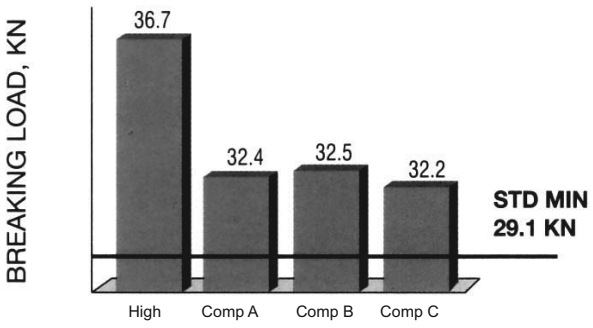
Drive Chains are precision engineered to offer excellent performance in terms of low wear and long life. ALSO USED FOR INDUSTRIAL APPLICATIONS

Metric High Performance Chain

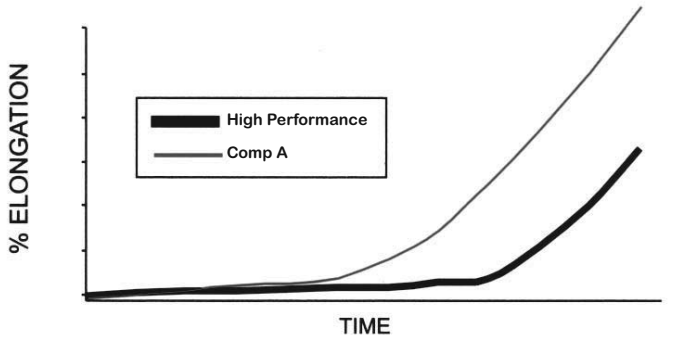
Best Value Chain we offer

(Replaces Standard Chain for only A Slight Increase in cost
But significant improvements in strength and ware)

Average Breaking Load - 12B-1



Wear Life 08B-1

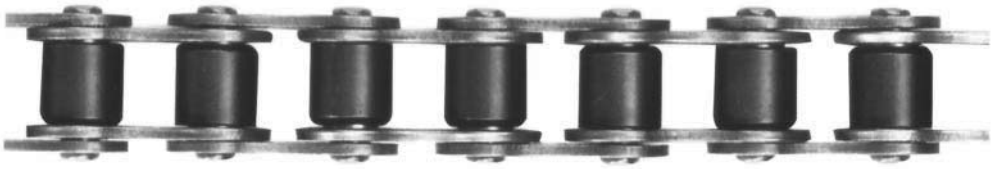


These High Performance chains have been specially developed for client applications that require exceptional strength and endurance. Inspiration in the detail of the plates, pins, bushes, and rollers, manufacture to close tolerance and assembly with care. This is what makes these chains tougher than the rest.

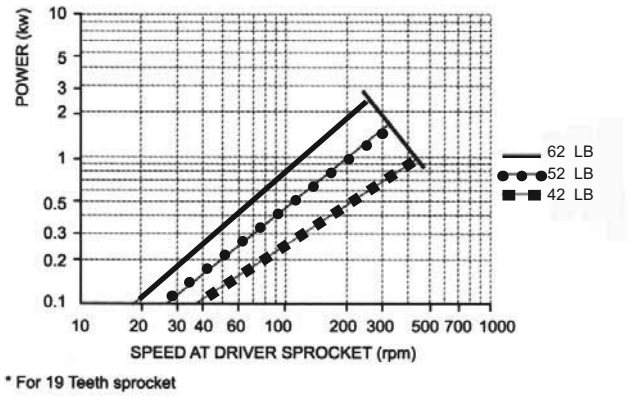
ISO Number	Ametric® Part Number	Pitch	Width between Inner Plates (Min.)	Roller Dia. (Max.)	Plate Height (Max.)	Width Over Bearing Pin (Max.)	Bearing Pin Dia. (Max.)	Tensile Strength (KN) (Min.)	Tensile Strength (KN) (Avg.)	Allowable Load (KN) (Max.)
08B-1	42 HP	12.70	7.75	8.51	11.81	17.00	4.45	20.79	22.66	4.5
10B-1	52 HP	15.875	9.65	10.16	14.73	21.80	5.08	27.65	29.87	5.6
12B-1	62 HP	19.05	11.68	12.07	16.13	22.70	5.72	33.34	36.69	7.25
16B-1	82 HP	25.40	17.02	15.88	21.08	36.10	8.27	73.55	78.48	15
20B-1	102 HP	31.75	19.56	19.05	26.42	43.20	10.19	110.82	116.74	23.75

Models also available in double and triple strands
Also available in ANSI Chain

Metric Self Lubricating Chain

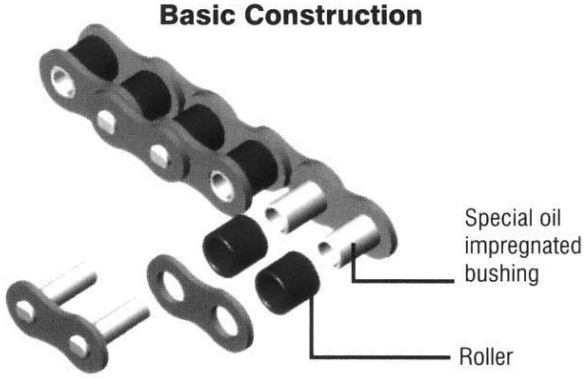


Selection Chart



* For 19 Teeth sprocket

Basic Construction



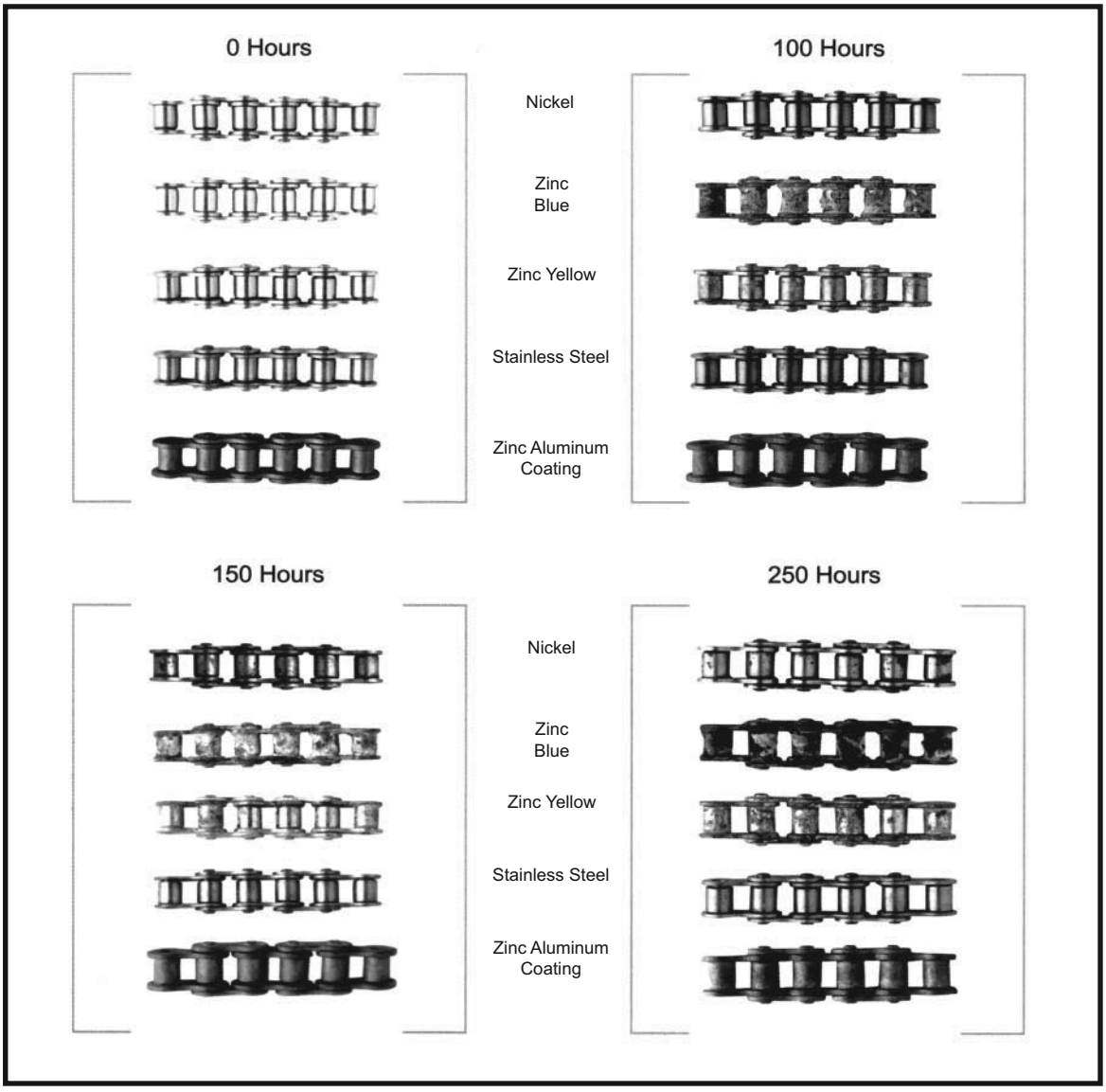
Self Lubricating chain features unique powder alloy steel bushes that are impregnated with a special oil. This delivers a maintenance-free wear life up to two times in excess of standard chains. Used for clean enviroment applications where greasing is often not possible: like food processing, printing, pharmaceuticals and electronics.

ISO Number	Ametric® Part Number	Pitch	Width between Inner Plates (Min.)	Roller Dia. (Max.)	Plate Height (Max.)	Width Over Bearing Pin (Max.)	Bearing Pin Dia. (Max.)	Tensile Strength (KN) (Min.)	Tensile Strength (KN) (Avg.)
08B-1	42 LB	12.70	7.75	8.51	12.40	17.00	4.45	18.0	21.06
10B-1	52 LB	15.875	9.65	10.16	14.70	19.60	5.08	22.4	27.55
12B-1	62 LB	19.05	11.68	12.07	16.10	22.70	5.72	29.0	32.48

Also available in ANSI Chain and RoHS COMPLIANT

Corrosion Resistant Chain
Ametric® Super-Clad Chain

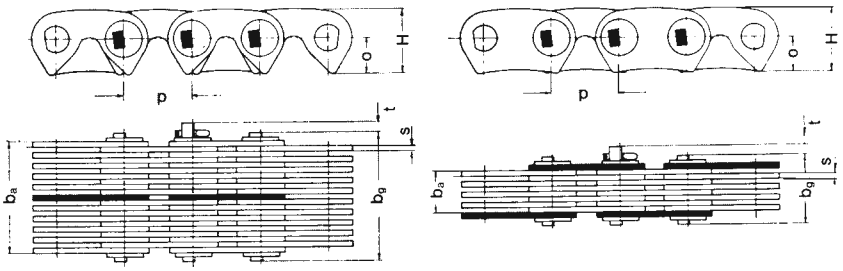
A special Zinc Aluminum Coating gives this chain outstanding resistance, with the same strength and breaking load of standard chains, to perform in the harshest enviroments. This Corrosion Resistant chain has been proven against Nickel, Zinc and other plated chains.



Testing done as per ASTM B117

Available in RoHS COMPLIANT Finishes, Please Specify.

European Type Silent Chain



Center Guide Side Guide (A)

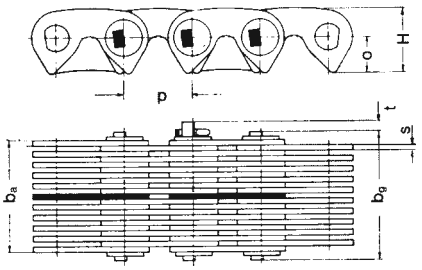
Chain No.	Pitch p	Chain Width b_a Center Guide	Width Between Guides (b_a) Side Guide	Approximate Breaking Strength KP	Weight kg/m
KX 015A	9.525	19.05	12.7	1,500	0.64
KX 020A	9.525	25.4	19.05	2,300	0.86
KX 025	9.525	25.4		3,100	0.96
KX 030	9.525	31.75		3,900	1.16
KX 030A	9.525	31.75	23.8	3,900	1.16
KX 035	9.525	38.1		4,700	1.39
KX 315A	12.7	19.05	12.7	2,100	0.83
KX 320A	12.7	25.4	19.05	3,100	1.12
KX 325	12.7	25.4		4,150	1.39
KX 330	12.7	31.75		5,200	1.54
KX 335	12.7	38.1		6,200	1.84
KX 350	12.7	50.8		8,300	2.42
KX 365	12.7	63.5		10,400	3.02
KX 425	15.875	25.4		5,500	1.68
KX 435	15.875	31.75		7,300	2.31
KX 440	15.875	44.45		9,200	2.75
KX 450	15.875	50.8		11,000	3.35
KX 465	15.875	63.5		14,600	4.30
KX 535	19.05	31.75		8,800	2.66
KX 540	19.05	44.45		11,000	3.22
KX 550	19.05	50.8		13,200	2.95
KX 565	19.05	63.5		17,600	5.15
KX 575	19.05	72.2		19,800	6.20
KX 650	25.4	50.8		16,800	5.60
KX 650A	25.4	50.8	34.9	21,000	5.60
KX 665	25.4	63.5		21,000	6.80
KX 675	25.4	76.2		25,200	8.20
KX 6100	25.4	101.6		33,600	10.70
KX 6125	25.4	127.0		42,000	12.70
KX 6180	25.4	180.0		48,000	13.50
KX 865	38.1	63.5		31,500	10.30
KX 875	38.1	76.2		37,800	11.60
KX 8100	38.1	88.9		50,400	16.20
KX 8100A	38.1	88.9	85.7	50,400	16.20
KX 8125	38.1	127.0		63,000	20.10
KX 8150	38.1	152.4		75,600	23.60

There are slight dimensional differences between manufactures of silent chain. For maximum life our silent chain sprockets should be used with our silent chain. To assure proper purchase, send sample for identification.

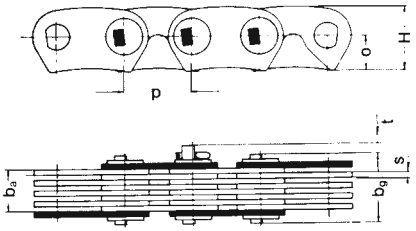
NOTE: ORIGINAL, WABCO-WESTINGHOUSE, GERMAN BRAND CHAIN AND SPROCKETS AVAILABLE BY SPECIAL QUOTE. DELIVERY USUALLY 6 TO 8 WEEKS.

German Type Silent Chain

Internal Guide



External Guide



Designation of an inverted tooth chain type 300, 1/2" pitch

Norminal Width 30 mm
Internal Guide: KH 300

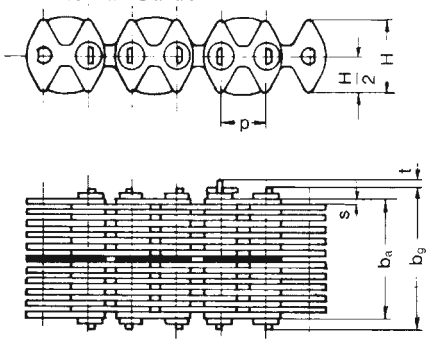
Norminal Width 20 mm
External Guide: KH 320 A

Chain No.	Pitch p	*RZ	Nominal Width b_n	Working Width b_a	Overall Width b_g	Breaking Load F_a(N)	Weight kg/m	Sprocket Width b (mm)	H	o	s	t
KH 2212 A		12	12	11	17	5,800	0.50	10				
KH 2215 A	5/16"	14	15	13	19	6,900	0.57	12	7.7	4.2	1	2
KH 2220 A	7.9375 mm	18	20	17	23	9,000	0.74	16.5				
KH 2225		25	25	27	31	13,200	0.95	30				
KH 015 A		10	15	12.5	20	14,500	0.64	12				
KH 020 A	3/8"	14	20	18.8	26	21,000	0.86	18				
KH 025	9.525 mm	17	25	26.5	31	27,400	0.94	30	9.2	5.2	1.5	2
KH 030		21	30	33	37	34,000	1.16	35				
KH 035		25	35	39	44	40,000	1.39	40				
KH 315 A		10	15	12.5	22	18,500	0.83	12				
KH 320 A		14	20	19	27.5	26,500	1.12	18				
KH 325	1/2"	17	25	26.5	33	34,600	1.39	30	12.3	6.7	1.5	2.5
KH 330	12.7 mm	21	30	33	39	43,000	1.54	35				
KH 335		25	35	39	45	51,000	1.84	40				
KH 350		33	50	51.5	58	67,500	2.42	55				
KH 425		13	25	27	33	46,000	1.68	30				
KH 435	5/8"	17	35	35.5	41.5	61,000	2.31	40	15.4	8.4	2	3
KH 450	15.875 mm	25	50	52	58	89,000	3.35	55				
KH 465		33	65	69	74.5	117,500	4.30	70				
KH 535		17	35	35.5	43	73,500	2.66	40				
KH 550	3/4"	25	50	52	59	108,000	3.95	55	18.4	10	2	3.5
KH 565	19.05 mm	33	65	68.5	76	142,000	5.15	70				
KH 575		37	75	77	84	160,000	6.20	80				
KH 650		17	50	53	61	127,000	5.60	55				
KH 665	1"	21	65	65	73	157,000	6.80	70	25	13.1	3	4
KH 675	25.4 mm	25	75	77.5	85.5	187,000	8.20	80				
KH 6100		33	100	103	111	245,000	10.70	105				
KH 865		21	65	65.5	77.5	257,000	10.30	75				
KH 875	1-1/2"	25	75	78	90	306,000	11.60	85	37	20.1	3	6
KH 8100	38.1 mm	33	100	103	115	403,000	16.20	110				
KH 8150		49	150	153	165	600,000	23.60	160				
KH 9100		25	100	104	117	490,000	22.40	110				
KH 9115	2"	29	115	120	133	570,000	25.60	125	49.2	26.8	4	7
KH 9150	50.8 mm	37	150	153	166	725,000	32.60	160				
KH 9180		45	180	186	199	880,000	38.20	190				

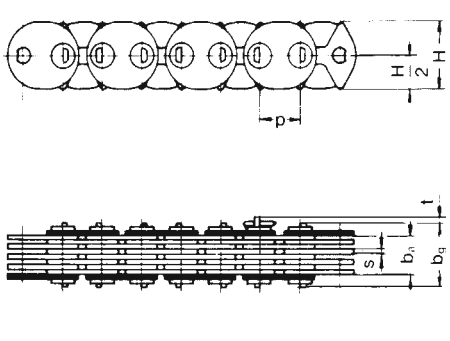
Dimensions in mm – *RZ = Number of rows = total number of plates per cradle joint. – Other pitches and chain widths available upon request. – Sprockets available upon request.

Biflex Toothed Chain

Internal Guide



External Guide



Designation of a 1/2" Biflex toothed chain
Nominal Width 30 mm
Internal Guide: BIZ 330

Nominal Width 15 mm
External Guide: BIZ 315A

Chain No.	Pitch p	*RZ	Nominal Width b_n	Working Width b_a	Overall Width b_g	Breaking Load F_a(N)	Weight kg/m	Sprocket Width b (mm)	H	s	t
BIZ 015A		10	15	12.5	20	17,400	0.9	12			
BIZ 020A		14	20	18.8	26	25,200	1.2	18.3			
BIZ 025		17	25	26.5	31	32,900	1.5	30			
BIZ 030	3/8"	21	30	33	37	41,000	1.8	35			
BIZ 040	9.525 mm	25	40	39	44	48,000	2.1	45	14	1.5	2
BIZ 050		33	50	51.5	56	64,000	2.8	55			
BIZ 065		41	65	64	69	79,000	3.4	70			
BIZ 315A		10	15	12.5	22	28,300	1.3	12			
BIZ 320A		13	20	17.2	26	34,500	1.6	16.5			
BIZ 325		17	25	26.5	33	53,000	2	30			
BIZ 330		21	30	33	39	66,000	2.4	35			
BIZ 340		25	40	39	45	78,000	2.8	45			
BIZ 350	1/2"	33	50	51.5	58	104,000	3.7	55	18	1.5	2.5
BIZ 365	12.7 mm	41	65	64	70	129,000	4.6	70			
BIZ 375		49	75	77	83	154,000	5.4	80			
BIZ 380		53	80	83	89	166,000	5.8	85			
BIZ 3100		65	100	102	108	204,000	7.2	105			
BIZ 530A		15	30	27	39	72,000	3.5	25			
BIZ 535		17	35	35.5	43	95,000	3.9	40			
BIZ 550		25	50	52	59	139,000	5.6	55			
BIZ 565	3/4"	33	65	68.5	76	184,000	7.3	70			
BIZ 590	19.05 mm	45	90	93.5	101	251,000	9.8	95	27	2	3.5
BIZ 5125		61	125	127	134	340,000	13.2	130			
BIZ 5135		65	135	135	143	362,000	14.1	140			

Dimensions in mm – *RZ = in-series number = total number of plates per joint. – Other pitches and chain widths available upon request. – Sprockets available upon request.

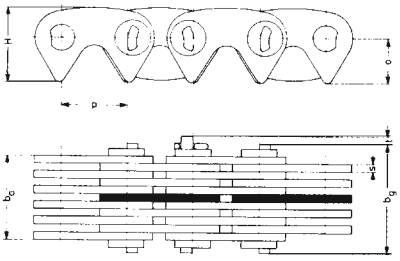
Biflex toothed chains are available with the following pitches: 3/8", 1/2", 3/4".

If not otherwise specified, the chains are delivered open with a split pin fastener included.

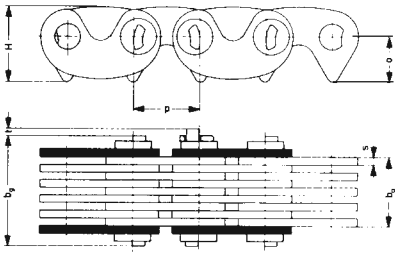
For circulating chains even numbers of pitches must be used. Chains with odd numbers of pitches cannot be connected together and are only permitted in cases where the chain ends are connected to parts of the machine.

HDL-Inverted Toothed Chain

Internal Guide



External Guide



Designation of an HDL-tooth chain, 1/2" pitch

Nominal Width 65 mm
Internal Guide: HDL 365

Nominal Width 20 mm
External Guide: HDL 320A

Chain No.	Pitch p	*RZ	Nominal Width b_n	Working Width b_a	Overall Width b_g	Breaking Load F_a(N)	Weight kg/m	Sprocket Width b (mm)	H	o	s	t
HDL 015A		10	15	12.5	20.5	17,700	0.82	12				
HDL 020A		13	20	17	25	21,700	1.05	16.5				
HDL 025	3/8"	17	25	26.5	31.5	33,000	1.4	30				
HDL 030	9.525 mm	21	30	33	38	41,000	1.7	35		6.7	1.5	2
HDL 040		25	40	39	44	49,000	2	45	10.9			
HDL 050		33	50	51.5	56.5	65,000	2.6	55				
HDL 065		41	65	64	69	81,000	3.2	70				
HDL 320A		13	20	17	26.5	33,000	1.4	16.5				
HDL 325		17	25	26.5	32.5	51,000	1.8	30				
HDL 330		21	30	33	39	64,000	2.2	35				
HDL 340	1/2"	25	40	39	45	76,000	2.6	45				
HDL 350	12.7 mm	33	50	51.5	57.5	100,000	3.4	55		8.7	1.5	2.5
HDL 365		41	65	64	70	129,000	4.2	70	14.5			
HDL 375		49	75	77	83	149,000	5	80				
HDL 3100		65	100	102	108	198,000	6.6	105				
HDL 530A		15	30	27	38.5	70,000	3.35	26				
HDL 535		17	35	35.5	42.5	91,000	3.75	40				
HDL 540		21	40	43.5	50.5	113,000	4.6	45				
HDL 550		25	50	52	59	135,000	5.4	55				
HDL 565	3/4"	33	65	68.5	76.5	175,000	7.1	70				
HDL 585	19.05 mm	41	85	85.5	92.5	220,000	8.8	90		10.7	2	3.5
HDL 5100		49	100	102	109	265,000	10.4	105	21			
HDL 5125		61	125	127	134	325,000	13	130				
HDL 5150		73	150	152	159	390,000	15.5	155				
HDL 5200		97	200	202	209	520,000	20.5	205				
HDL 640		13	40	41	49	140,000	5.7	50				
HDL 650		17	50	53	61	183,000	7.4	60				
HDL 665		21	65	65	73	225,000	9.1	75				
HDL 675	1"	25	75	77	85	265,000	10.7	85				
HDL 6100	25.4 mm	33	100	102	110	355,000	14.1	110		14	3	6
HDL 6125		41	125	127	135	440,000	17.5	135	27.7			
HDL 6150		49	150	152	160	530,000	21	160				
HDL 6200		65	200	201	209	700,000	28	210				

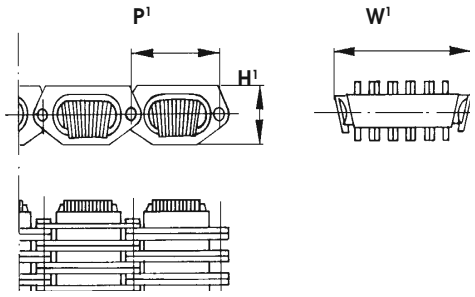
Dimensions in mm – *RZ = total number of plates per rolling pivot joint. – Other chain widths available upon request. – Sprockets available upon request.

They are delivered open and with a split pin connector included, if not otherwise specified.

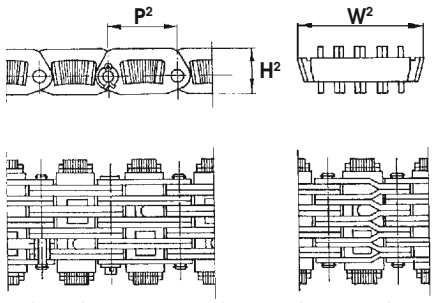
For continuous chains even numbers of pitches must be used, because ends of chains with an odd number of pitches cannot be joined.

Odd numbers are permitted only if the ends of the chain are to be connected to mechanical components.

European PIV® Type Chain



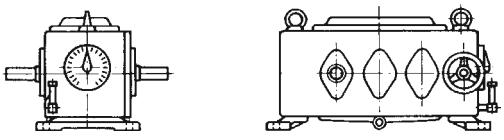
STANDARD "V" SERIES PIV CHAIN



LONG LIFE "L" SERIES PIV CHAIN

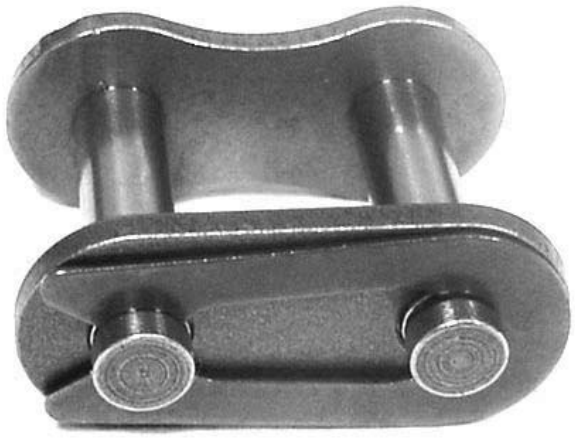
"V" SERIES PIV CHAIN					"L "SERIES PIV CHAIN					
Chain No.	P^1	W^1	H^1	Number of Links	Chain No.	P^2	W^2	H^2	Number of Links	Weight kg
V 024	18.7	24.6	9.5	24	**L 029**	15.3	25.6	9.5	29	0.60
V 025	18.7	24.6	9.5	25	**L 030**	15.3	25.6	9.5	30	0.63
V 026	18.7	24.6	9.5	26	**L 031**	15.3	25.6	9.5	31	0.65
V 027	18.7	24.6	9.5	27	**L 033**	15.3	25.6	9.5	33	0.68
V 029	18.7	24.6	9.5	29	**L 036**	15.3	25.6	9.5	36	0.73
V 030	18.7	24.6	9.5	30	**L 037**	15.3	25.6	9.5	37	0.75
V 035	18.7	24.6	9.5	35	**L 043**	15.3	25.6	9.5	43	0.88
VZ 222	24.95	37.6	13.4	22	**L 227**	20.1	37.6	12.8	27	1.15
VZ 225	24.95	37.6	13.4	25	**L 231**	20.1	37.6	12.8	31	1.31
VZ 226	24.95	37.6	13.4	26	**L 232**	20.1	37.6	12.8	32	1.36
VZ 229	24.95	37.6	13.4	29	**L 236**	20.1	37.6	12.8	36	1.52
VZ 230	24.95	37.6	13.4	30		20.1	37.6	12.8		1.57
VZ 231	24.95	37.6	13.4	31	**L 238**	20.1	37.6	12.8	38	1.62
VZ 232	24.95	37.6	13.4	32	**L 240**	20.1	37.6	12.8	40	1.68
VZ 233	24.95	37.6	13.4	33	**L 241**	20.1	37.6	12.8	41	1.73
VZ 326	28.6	44.6	16	26	**L 329**	25.5	44.6	18.8	29	2.27
VZ 327	28.6	44.6	16	27	**L 330**	25.5	44.6	18.8	30	2.35
VZ 328	28.6	44.6	16	28	**L 332**	25.5	44.6	18.8	32	2.44
VZ 332	28.6	44.6	16	32	**L 336**	25.5	44.6	18.8	36	2.79
VZ 333	28.6	44.6	16	33	**L 337**	25.5	44.6	18.8	37	2.88
VZ 334	28.6	44.6	16	34	**L 338**	25.5	44.6	18.8	38	2.96
VZ 335	28.6	44.6	16	35	**L 340**	25.5	44.6	18.8	40	3.05
VZ 425	35.85	59	20.6	25						
VZ 428	35.85	59	20.6	28						
VZ 433	35.85	59	20.6	33						
VZ 434	35.85	59	20.6	34						
VZ 435	35.85	59	20.6	35						
VZ 538	35.85	70.6	20.6	38						
VZ 539	35.85	70.6	20.6	39						
VZ 540	35.85	70.6	20.6	40						
VZ 541	35.85	70.6	20.6	41						
VZ 636	46.5	77	23.4	36						
VZ 637	46.5	77	23.4	37						
VZ 638	46.5	77	23.4	38						
VZ 639	46.5	77	23.4	39						

Note: The new Long Life "L" series is more flexible and durable, plus completely interchanges with the old "V" series. A better value for the same money.



Complete units may be special ordered. We will begin a stocking program for these units in the near future.

Metric Chain Connecting Link Assortment Kit

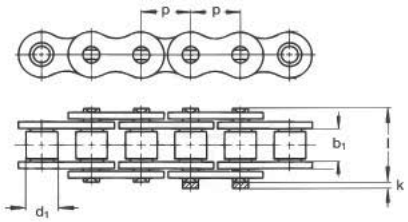


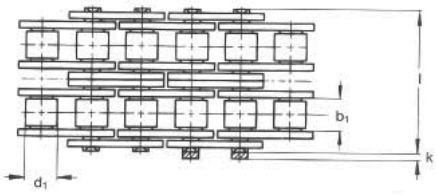
CL AK11

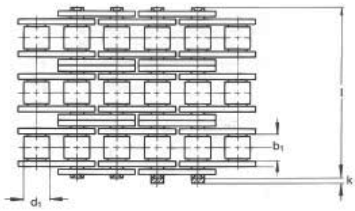
PIECES	SIZES
20	02
20	12
20	22
20	32
20	42
20	43
20	46
10	48
10	52
10	62
6	82

American Standard (ANSI) Roller Chain

(All dimensions in inches)







Single Roller Chain

Connector links are wider than chain sections. Overall dimensions may vary depending on manufacturer.

ANSI Chain No.	Ametric® Chain No.	ISO No.	Pitch p	Between Inner Plates b1	Roller Diameter d1	Chain Width l	C.L. Width Extension k	Weight lbs/ft	Average Strength(lbs) ANSI Standard
15	**15-1**	03 C-1	3/16	0.094	0.098	0.240	0.031	0.054	455
25	**25-1**	04 C-1	1/4	0.125	0.130	0.311	0.020	0.101	1,045
35	**35-1**	06 C-1	3/8	0.188	0.200	0.488	0.030	0.221	2,455
41	**41-1**	085-1	1/2	0.246	0.306	0.541	0.049	0.275	2,864
40	**40-1**	08 A-1	1/2	0.309	0.313	0.654	0.047	0.416	3,977
50	**50-1**	10 A-1	5/8	0.370	0.400	0.815	0.059	0.684	545
60	**60-1**	12 A-1	3/4	0.495	0.469	1.020	0.071	1.006	9,432
80	**80-1**	16 A-1	1	0.620	0.625	1.287	0.091	1.743	15,773
100	**100-1**	20 A-1	1 1/4	0.744	0.750	1.591	0.169	2.622	24,818
120	**120-1**	24 A-1	1 1/2	0.993	0.875	1.980	0.157	3.769	35,522
140	**140-1**	28 A-1	1 3/4	0.993	1.000	2.142	0.181	5.029	48,181
160	**160-1**	32 A-1	2	1.242	1.124	2.551	0.489	6.773	63,386
180	**180-1**	36 A-1	2 1/4	1.397	1.406	2.866	0.228	9.019	77,681
200	**200-1**	40 A-1	2 1/2	1.490	1.562	3.157	0.276	10.830	98,090
240	**240-1**	48 A-1	3	1.864	1.875	3.760	0.295	15.557	141,476

Double Roller Chain

25-2	**25-2**	04 C-2	1/4	0.125	0.130	0.517	0.020	0.188	1,909
35-2	**35-2**	06 C-2	3/8	0.188	0.200	0.886	0.031	0.422	4,477
41-2	**41-2**	085-2	1/2	0.246	0.306	1.012	0.130	0.543	3,841
40-2	**40-2**	08 A-2	1/2	0.309	0.313	1.220	0.047	0.751	7,954
50-2	**50-2**	10 A-2	5/8	0.370	0.400	1.496	.0.094	1.341	13,204
60-2	**60-2**	12 A-2	3/4	0.495	0.469	1.921	0.067	1.958	18,659
80-2	**80-2**	16 A-2	1	0.620	0.625	2.469	0.063	3.453	32,227
100-2	**100-2**	20 A-2	1 1/4	0.744	0.750	3.008	0.161	5.230	49,863
120-2	**120-2**	24 A-2	1 1/2	0.993	0.875	3.772	0.154	7.846	71,567
140-2	**140-2**	28 A-2	1 3/4	0.993	1.000	4.067	0.181	10.152	97,158
160-2	**160-2**	32 A-2	2	1.242	1.124	4.854	0.189	13.505	127,817
180-2	**180-2**	36 A-2	2 1/4	1.397	1.406	5.457	0.228	19.594	157,953
200-2	**200-2**	40 A-3	2 1/2	1.490	1.562	5.980	0.272	21.619	199,407
240-2	**240-2**	48 A-2	3	1.864	1.875	7.220	0.291	30.330	285,292

Roller Link or Inner Link - Used for replacement of damaged rollers.

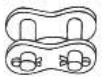
Offset Link - Used to assemble chain strands when an odd number of pitches is desired.

Connector Link - Used to asemble chain strands when an even number of pitches is desired.

Inner Link

Outer Link (Riveted Conn. Link)

Conn. Link with Spring Clip



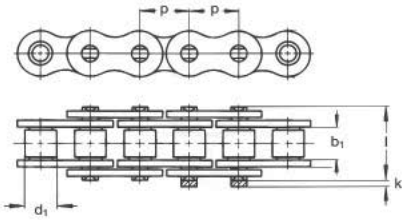
Conn. Link with Cotter Pins

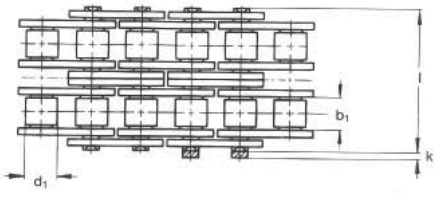
Half Link with Cotter Pin

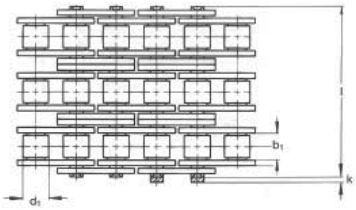
Offset Link

American Standard (ANSI) Roller Chain

(All dimensions in inches)





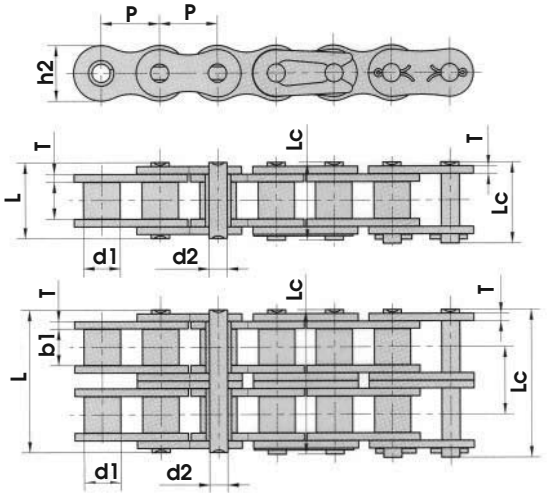


Triple Roller Chain

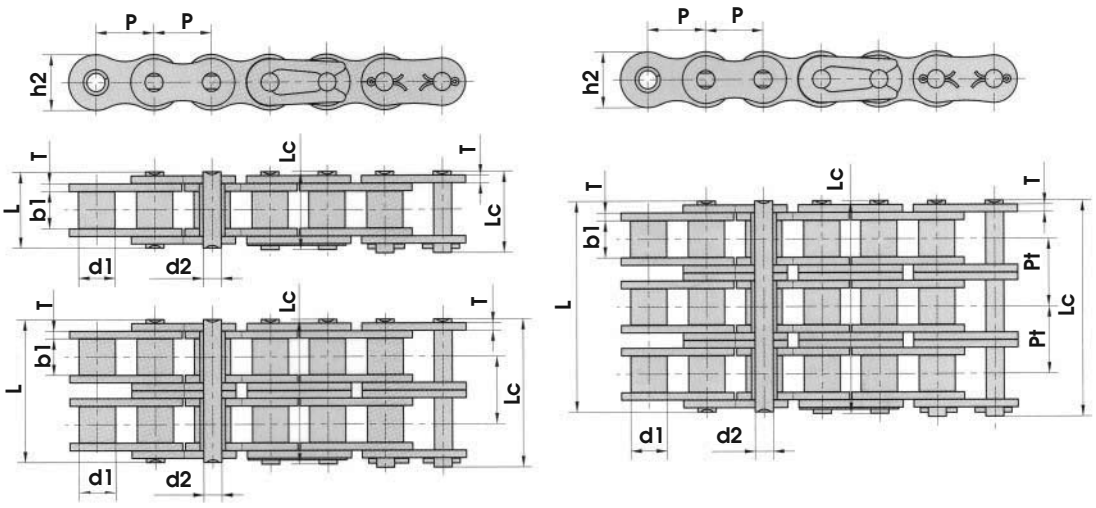
Connector links are wider than chain sections. Overall dimensions may vary depending on manufacturer.

ANSI Chain No.	Ametric® Chain No.	ISO No.	Pitch p	Between Inner Plates b1	Roller Diameter d1	Chain Width l	C.L. Width Extension k	Weight lbs/ft	Average Strength(lbs) ANSI Standard
25-3	**25-3**	04 C-3	1/4	0.125	0.130	0.827	0.020	0.095	2,864
35-3	**35-3**	06 C-3	3/8	0.188	0.200	1.287	0.031	0.704	6,500
40-3	**40-3**	08 A-3	1/2	0.309	0.313	1.787	0.047	1.274	11,364
50-3	**50-3**	10 A-3	5/8	0.370	0.400	2.244	0.059	2.072	17,682
60-3	**60-3**	12 A-3	3/4	0.495	0.469	2.815	0.071	3.044	25,250
80-3	**80-3**	16 A-3	1	0.620	0.625	3.610	0.075	5.291	45,090
100-3	**100-3**	20 A-3	1 1/4	0.744	0.750	4.417	0.161	7.893	70,363
120-3	**120-3**	24 A-3	1 1/2	0.993	0.875	5.567	0.150	11.755	99,362
140-3	**140-3**	28 A-3	1 3/4	0.993	1.000	5.992	0.181	14.887	134,839
160-3	**160-3**	32 A-3	2	1.242	1.124	7.157	0.189	20.130	177,407
180-3	**180-3**	36 A-3	2 1/4	1.397	1.406	8.047	0.228	25.629	223,543
200-3	**200-3**	40 A-3	2 1/2	1.490	1.562	8.799	0.272	32.878	276,769
240-3	**240-3**	48 A-3	3	1.864	1.875	10.681	0.287	48.013	399,200

GROUP 105

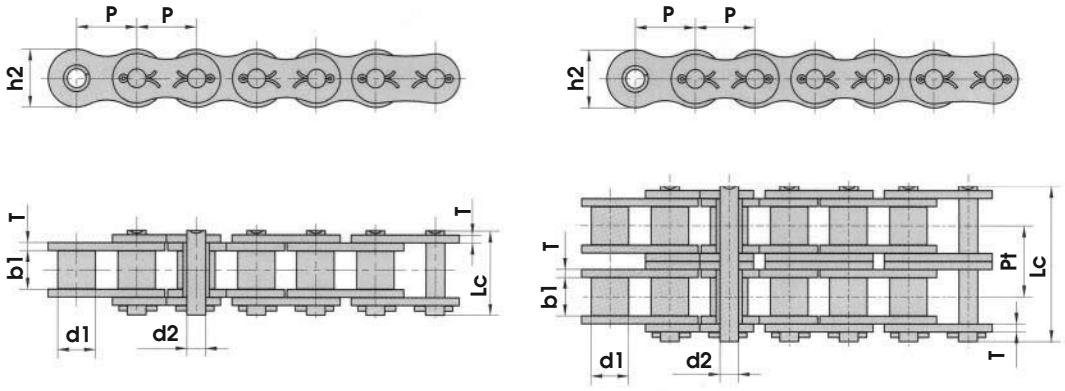


American Standard (ANSI) Chain
Heavy Duty Series Roller Chains



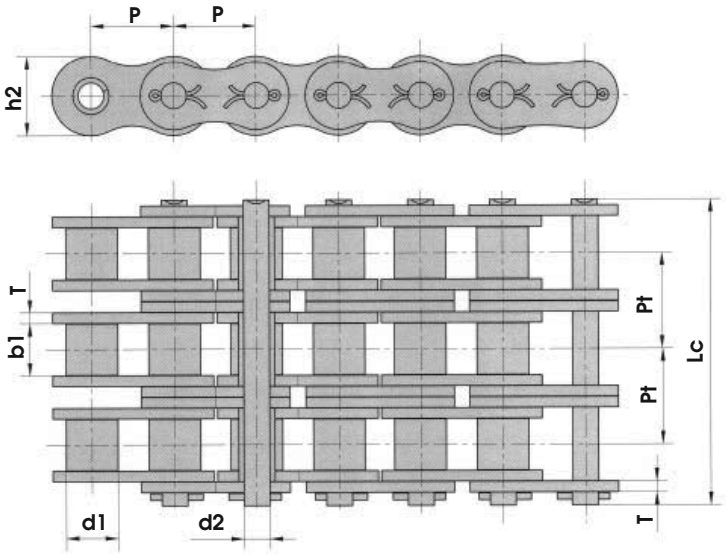
Ametric® Chain No.	ANSI Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1	Pin Diameter d2 max.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness T max	Transverse Pitch Pt min	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
35-HR	35H	0.375	0.200	0.188	0.141	0.524	0.563	0.354	0.059	-	7.9/1795	10.8	0.19
40-HR	40H	0.500	0.313	0.309	0.156	0.740	0.783	0.472	0.080	-	14.1/3205	19.1	0.37
50-HR	50H	0.625	0.400	0.370	0.200	0.870	0.921	0.594	0.095	-	22.2/5045	30.2	0.57
60-HR	60H	0.750	0.469	0.495	0.234	1.150	1.220	0.709	0.128	-	31.8/7227	42.7	0.85
80-HR	80H	1.000	0.625	0.620	0.312	1.425	1.484	0.945	0.157	-	56.7/12886	71.4	1.41
100-HR	100H	1.250	0.750	0.744	0.375	1.717	1.846	1.181	0.189	-	88.5/20114	112.4	2.05
120-HR	120H	1.500	0.875	0.993	0.437	2.106	2.264	1.406	0.220	-	127.0/28864	160.9	2.99
140-HR	140H	1.750	1.000	0.993	0.500	2.268	2.449	1.614	0.252	-	172.4/39182	217.3	3.77
160-HR	160H	2.000	1.125	1.242	0.562	2.685	2.874	1.882	0.283	-	226.8/51545	285.8	4.67
180-HR	180H	2.250	1.406	1.397	0.687	2.988	3.213	2.110	0.315	-	281.0/63863	341.8	6.73
200-HR	200H	2.500	1.562	1.490	0.781	3.409	3.681	2.362	0.374	-	353.8/80409	444.5	8.69
240-HR	240H	3.000	1.875	1.864	0.937	4.315	4.563	2.846	0.500	-	510.30/115977	622.5	13.79
60-2HR	60H-2	0.750	0.469	0.495	0.234	2.177	2.248	0.709	0.128	1.028	63.6/14455	84.5	1.68
80-2HR	80H-2	1.000	0.625	0.620	0.312	2.709	2.768	0.945	0.157	1.283	113.4/25773	145.3	2.79
100-2HR	100H-2	1.250	0.750	0.744	0.375	3.256	3.386	1.181	0.189	1.539	177.0/40227	225.9	4.10
120-2HR	120H-2	1.500	0.875	0.993	0.437	4.031	4.189	1.40	0.220	1.924	254.0/57727	322.7	5.96
140-2HR	140H-2	1.750	1.000	0.993	0.500	4.323	4.504	1.614	0.252	2.055	344.8/78364	437.7	7.53
160-2HR	160H-2	2.000	1.125	1.242	0.562	5.122	5.311	1.882	0.283	2.437	453.6/103091	571.6	9.17
200-2HR	200H-2	2.500	1.562	1.490	0.781	6.492	6.764	2.362	0.374	3.083	707.6/160818	894.9	17.29
60-3HR	60H-3	0.750	0.469	0.495	0.234	3.205	3.276	0.709	0.128	1.028	95.4/21682	113.9	2.51
80-3HR	80H-3	1.000	0.625	0.620	0.312	3.992	4.051	0.945	0.157	1.283	170.1/38659	203.5	4.27
100-3HR	100H-3	1.250	0.750	0.744	0.375	4.795	4.925	1.181	0.189	1.539	265.5/60341	314.8	5.88
120-3HR	120H-3	1.500	0.875	0.993	0.437	5.953	6.110	1.406	0.220	1.924	381.0/86591	444.7	8.91
140-3HR	140H-3	1.750	1.000	0.993	0.500	6.378	6.559	1.614	0.252	2.055	517.2/117545	598.4	11.30
160-3HR	160H-3	2.000	1.125	1.242	0.562	7.559	7.748	1.882	0.283	2.437	680.4/154636	787.3	13.66
200-3HR	200H-3	2.500	1.562	1.490	0.781	9.575	9.846	2.362	0.374	3.083	1061.4/241227	1228.2	25.89

American Standard (ANSI) Chain
Cottered Type Short Pitch Precision Roller Chains



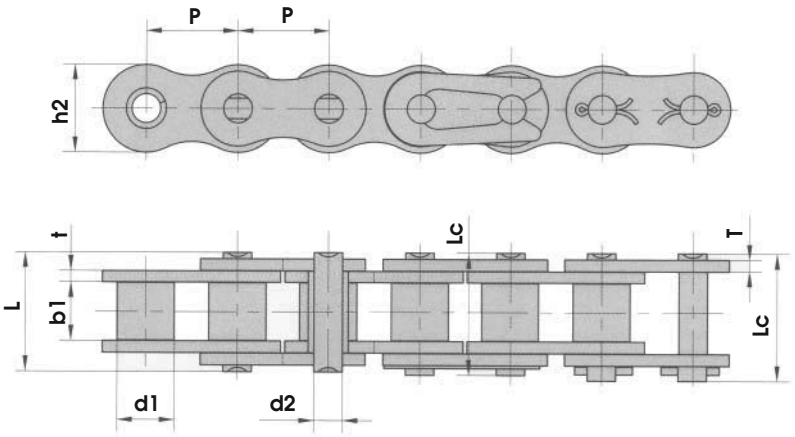
Ametric® Chain No.	ANSI Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness T max	Transverse Pitch Pt min	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
50-1C	50	0.625	0.400	0.370	0.200	0.917	0.594	0.080	-	22.2/5045	29.4	0.46
60-1C	60	0.750	0.469	0.495	0.234	1.114	0.709	0.095	-	31.8/7227	41.5	0.68
80-1C	80	1.000	0.625	0.620	0.312	1.437	0.945	0.128	-	56.7/12886	69.4	1.18
100-1C	100	1.250	0.750	0.744	0.375	1.760	1.181	0.157	-	88.5/20114	109.2	1.77
120-1C	120	1.500	0.875	0.993	0.437	2.138	1.406	0.189	-	127.0/28864	156.3	2.55
140-1C	140	1.750	1.000	0.993	0.500	2.323	1.614	0.220	-	172.4/39182	212	3.40
160-1C	160	2.000	1.125	1.242	0.562	2.740	1.882	0.252	-	226.8/51545	278.9	4.58
180-1C	180	2.250	1.406	1.397	0.687	3.094	2.110	0.283	-	280.2/63682	341.8	6.10
200-1C	200	2.500	1.562	1.490	0.781	3.433	2.362	0.315	-	353.8/80409	431.6	7.33
240-1C	240	3.000	1.875	1.864	0.937	4.055	2.850	0.374	-	510.3/115977	622.5	10.53
50-2C	50-2	0.625	0.400	0.370	0.200	1.622	0.594	0.080	0.713	44.4/10091	58.1	0.91
60-2C	60-2	0.750	0.469	0.495	0.234	2.012	0.709	0.095	0.897	63.6/14455	82.1	1.32
80-2C	80-2	1.000	0.625	0.620	0.312	2.591	0.945	0.128	1.153	113.4/25773	141.8	2.34
100-2C	100-2	1.250	0.750	0.744	0.375	3.169	1.181	0.157	1.408	177.0/40227	219.4	3.54
120-2C	120-2	1.500	0.875	0.993	0.437	3.925	1.406	0.189	1.789	254.0/57727	314.9	5.31
140-2C	140-2	1.750	1.000	0.993	0.500	4.248	1.614	0.220	1.924	344.8/78364	427.5	6.87
160-2C	160-2	2.000	1.125	1.242	0.562	5.043	1.882	0.252	2.305	453.6/103091	562.4	9.14
180-2C	180-2	2.250	1.406	1.397	0.687	5.685	2.110	0.283	2.592	560.5/127386	695	13.26
200-2C	200-2	2.500	1.562	1.490	0.781	6.252	2.362	0.315	2.817	707.6/160818	877.4	14.63
240-2C	240-2	3.000	1.875	1.864	0.937	7.512	2.850	0.374	3.458	1020.6/231955	1255.3	20.52

American Standard (ANSI) Chain
Cottered Type Short Pitch Precision Roller Chains



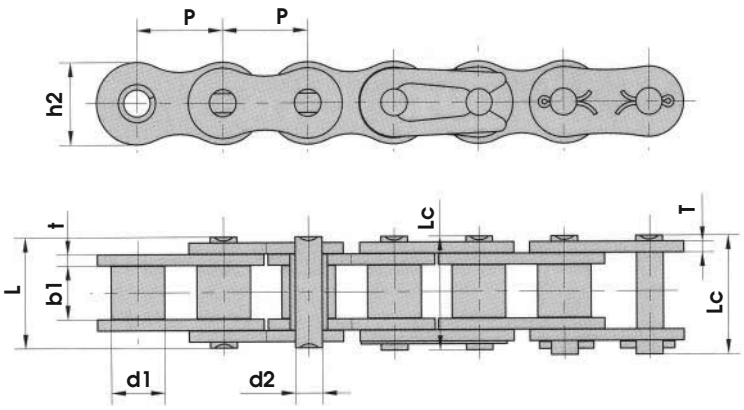
Ametric® Chain No.	ANSI Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness T max	Transverse Pitch Pt min	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
50-3C	50-3	0.625	0.400	0.370	0.200	2.335	0.594	0.080	0.713	66.6/15136	77.8	1.40
60-3C	60-3	0.750	0.469	0.495	0.234	2.909	0.709	0.095	0.897	95.4/21682	111.1	2.06
80-3C	80-3	1.000	0.625	0.620	0.312	3.744	0.945	0.128	1.153	170.1/38659	198.4	3.58
100-3C	100-3	1.250	0.750	0.744	0.375	4.579	1.181	0.157	1.408	265.5/60341	309.6	5.34
120-3C	120-3	1.500	0.875	0.993	0.437	5.717	1.406	0.189	1.789	381.0/86591	437.2	7.95
140-3C	140-3	1.750	1.000	0.993	0.500	6.173	1.614	0.220	1.924	517.2/117545	593.3	10.07
160-3C	160-3	2.000	1.125	1.242	0.562	7.346	1.882	0.252	2.305	680.4/154636	780.6	13.62
180-3C	180-3	2.250	1.406	1.397	0.687	8.276	2.110	0.283	2.592	840.7/191068	983.6	17.34
200-3C	200-3	2.500	1.562	1.490	0.781	9.071	2.362	0.315	2.817	1061.4/241227	1217.8	22.25
240-3C	240-3	3.000	1.875	1.864	0.937	10.969	2.850	0.374	3.458	1530.9/347932	1756.5	32.49

American Standard (ANSI) Chain
Zinc-Plated Chains



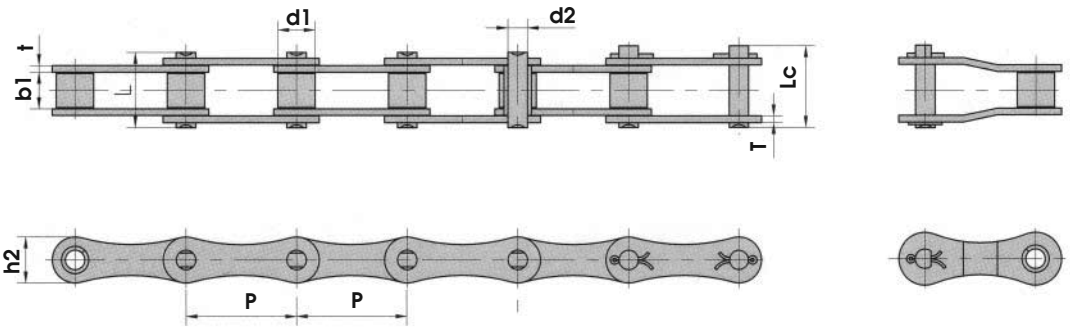
Ametric® Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness t/T max	Breaking Load Q_0 kN/LB	Weight Per Ft q lbs / ft
25-1RZ	0.250	0.130	0.125	0.091	0.311	0.331	0.236	0.031	3.50/795	0.07
35-1RZ	0.375	0.200	0.188	0.141	0.488	0.519	0.354	0.051	7.90/1795	0.15
41-1RZ	0.500	0.306	0.246	0.141	0.541	0.591	0.390	0.051	6.67/1516	0.19
40-1RZ	0.500	0.313	0.309	0.156	0.654	0.701	0.472	0.059	14.10/3205	0.28
50-1RZ	0.625	0.400	0.370	0.200	0.815	0.874	0.594	0.080	22.20/5045	0.46
60-1RZ	0.750	0.469	0.495	0.234	1.020	1.091	0.709	0.095	31.80/7227	0.68
80-1RZ	1.000	0.625	0.620	0.312	1.287	1.378	0.945	0.128	56.70/12886	1.18
100-1RZ	1.250	0.750	0.744	0.375	1.591	1.760	1.181	0.157	88.50/20114	1.77
120-1RZ	1.500	0.875	0.993	0.437	1.980	2.138	1.406	0.189	127.00/28864	2.55
140-1RZ	1.750	1.000	0.993	0.500	2.142	2.323	1.614	0.220	172.40/39182	3.40
160-1RZ	2.000	1.125	1.242	0.562	2.551	2.740	1.882	0.252	226.80/51545	4.58

American Standard (ANSI) Chain
Nickel-Plated Chains



Ametric® Chain No.	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thick-ness	Breaking Load	Weight Per Ft
	P	d1 max.	b1 min.	d2 max.	L max.	Lc max.	h2 max	t/T max	Q_0 kN/LB	q lbs / ft
25-1RN	0.250	0.130	0.125	0.091	0.311	0.331	0.236	0.031	3.50/795	0.07
35-1RN	0.375	0.200	0.188	0.141	0.488	0.519	0.354	0.051	7.90/1795	0.15
41-1RN	0.500	0.306	0.246	0.141	0.541	0.591	0.390	0.051	6.67/1516	0.19
40-1RN	0.500	0.313	0.309	0.156	0.654	0.701	0.472	0.059	14.10/3205	0.28
50-1RN	0.625	0.400	0.370	0.200	0.815	0.874	0.594	0.080	22.20/5045	0.46
60-1RN	0.750	0.469	0.495	0.234	1.020	1.091	0.709	0.095	31.80/7227	0.68
80-1RN	1.000	0.625	0.620	0.312	1.287	1.378	0.945	0.128	56.70/12886	1.18
100-1RN	1.250	0.750	0.744	0.375	1.591	1.760	1.181	0.157	88.50/20114	1.77
120-1RN	1.500	0.875	0.993	0.437	1.980	2.138	1.406	0.189	127.00/28864	2.55
140-1RN	1.750	1.000	0.993	0.500	2.142	2.323	1.614	0.220	172.40/39182	3.40
160-1RN	2.000	1.125	1.242	0.562	2.551	2.740	1.882	0.252	226.80/51545	4.58

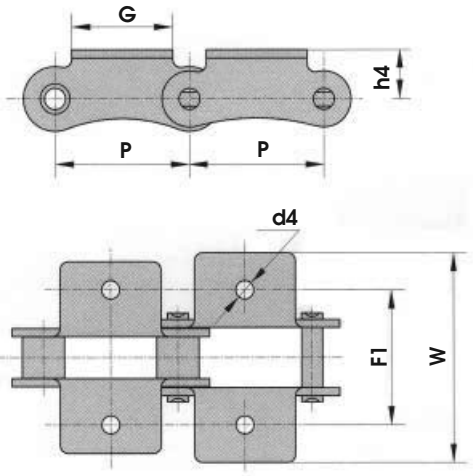
American Standard (ANSI) Chain
Double Pitch Transmission Chains



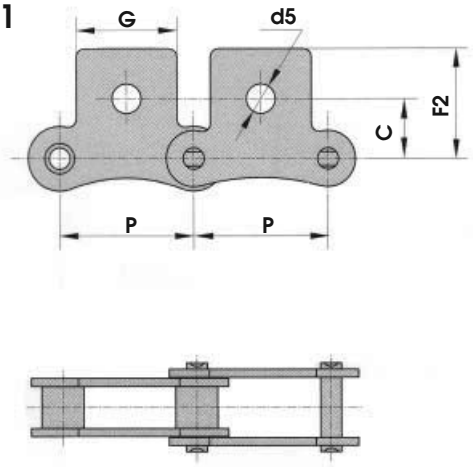
Ametric® Chain No.	ANSI Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness t/T max	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
2040-1R	2040	1.000	0.313	0.309	0.156	0.654	0.701	0.472	0.059	14.1/3205	16.7	0.19
2050-1R	2050	1.250	0.400	0.370	0.200	0.815	0.874	0.591	0.080	22.2/5045	28.1	0.33
2060-1R	2060	1.500	0.469	0.495	0.234	1.020	1.091	0.709	0.095	31.8/7227	36.8	0.46
2080-1R	2080	2.000	0.625	0.620	0.312	1.287	1.437	0.945	0.128	56.7/12886	65.7	0.77
2080-1HR	2080H	2.000	0.625	0.620	0.312	1.425	1.551	0.945	0.157	56.7/12886	70	0.98
2100-1R	2100	2.500	0.750	0.744	0.375	1.591	1.760	1.181	0.157	88.5/20114	102.6	1.16
2120-1R	2120	3.000	0.875	0.993	0.437	1.980	2.138	1.406	0.189	127.0/28864	147.3	1.84

American Standard (ANSI) Chain
Double Pitch Transmission Chain Attachments

K-1



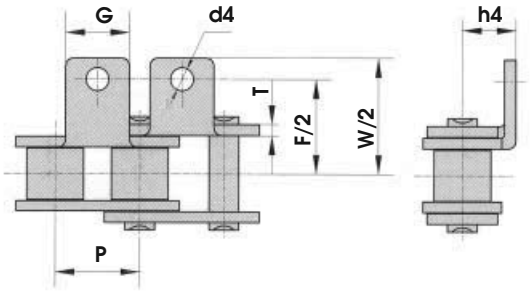
SK-1



ANSI Chain No.	P	G	F1	W	h4	d4	C	F2	d5
2040	1.000	0.752	1.000	1.559	0.358	0.134	0.437	0.807	0.217
2050	1.250	0.937	1.252	1.929	0.437	0.217	0.563	0.984	0.260
2060	1.500	1.126	1.689	2.669	0.579	0.217	0.689	1.295	0.362
2080	2.000	1.500	2.189	3.457	0.752	0.268	0.874	1.713	0.433
2100	2.500	1.874	2.622	4.232	0.921	0.362	1.126	1.984	0.512
2120	3.000	2.252	3.122	4.780	1.094	0.413	1.311	2.185	0.591

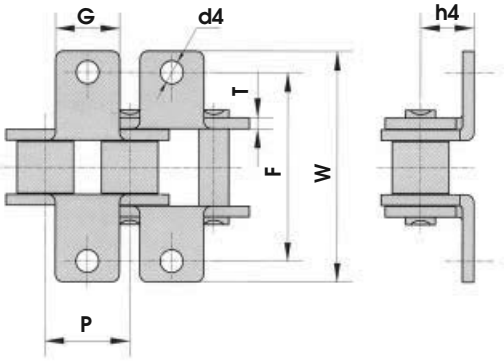
American Standard (ANSI) Chain
Conveyor Chain Attachments

A-1



Bent Lugs One Side

K-1

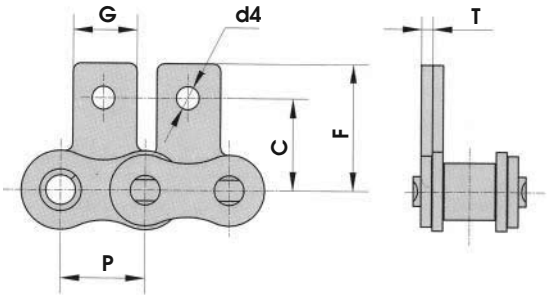


Bent Lugs Both Sides

ANSI Chain No.	P	G	F	W	T	h4	d4
35	0.375	0.311	0.748	1.126	0.051	0.250	0.134
40	0.500	0.374	1.000	1.386	0.059	0.311	0.134
41	0.500	0.374	0.945	1.315	0.051	0.272	0.142
50	0.625	0.500	1.250	1.819	0.080	0.406	0.217
60	0.750	0.626	1.500	2.189	0.095	0.469	0.217
80	1.000	0.752	2.000	2.551	0.128	0.626	0.268
100	1.250	1.000	2.500	3.437	0.157	0.780	0.362
120	1.500	1.126	3.000	4.272	0.189	0.906	0.386
140	1.750	1.374	3.500	4.843	0.220	1.126	0.449
160	2.000	1.500	4.000	5.622	0.252	1.250	0.516
200	2.500	2.000	5.000	7.047	0.315	1.688	0.642

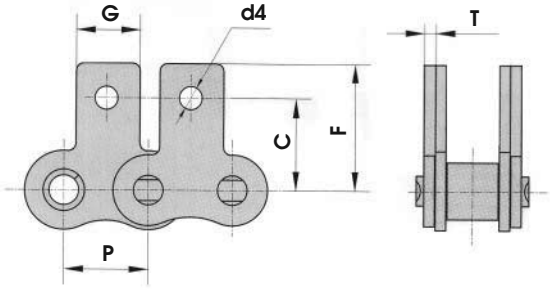
American Standard (ANSI) Chain
Conveyor Chain Attachments

SA-1



SA-1 (M35) Straight Lugs One Side

SK-1

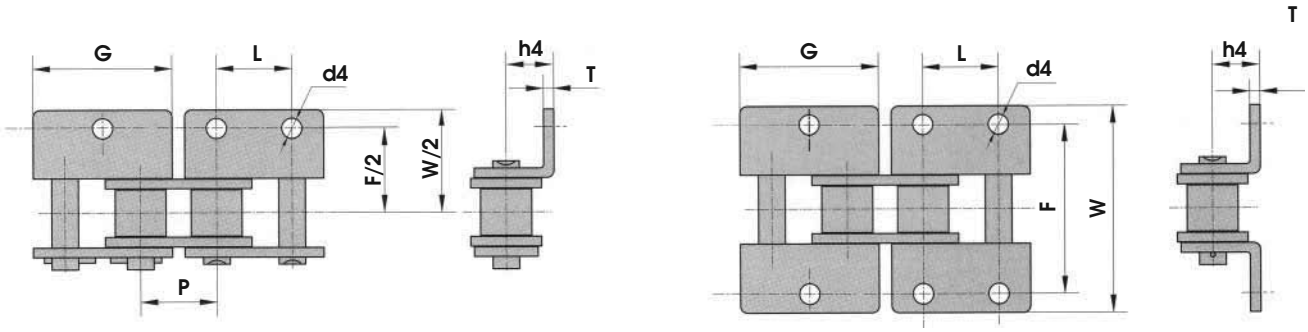


SK-1 (M35) Straight Lugs Both Sides

ANSI Chain No.	P	G	C	F	T	d4
35	0.375	0.311	0.374	0.573	0.051	0.134
40	0.500	0.374	0.500	0.750	0.059	0.134
41	0.500	0.374	0.467	0.652	0.051	0.142
50	0.625	0.500	0.626	0.994	0.080	0.217
60	0.750	0.626	0.720	1.155	0.095	0.217
80	1.000	0.752	0.969	1.366	0.128	0.268
100	1.250	1.000	1.252	1.705	0.157	0.362
120	1.500	1.126	1.437	2.031	0.189	0.386
140	1.750	1.374	1.752	2.441	0.220	0.449
160	2.000	1.500	2.000	2.750	0.252	0.516
200	2.500	2.000	2.500	3.500	0.315	0.642

American Standard (ANSI) Chain
Conveyor Chain Attachments

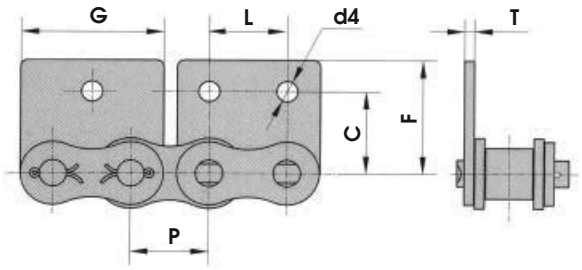
WA-1 **WA-2** **WK-1** **WK-2**

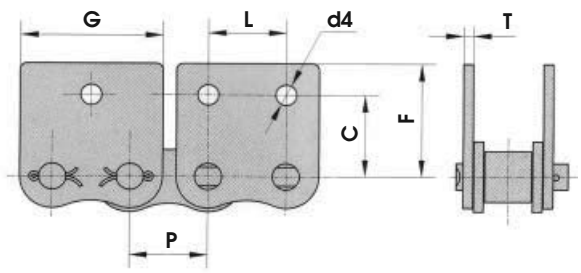


ANSI Chain No.	P	G	L	F	W	T	h4	d4
35	0.375	0.682	0.375	0.748	1.126	0.051	0.250	0.110
40	0.500	0.906	0.500	1.000	1.402	0.059	0.311	0.134
41	0.500	0.878	0.500	0.945	1.378	0.051	0.283	0.191
50	0.625	1.134	0.625	1.250	1.843	0.080	0.406	0.217
60	0.750	1.364	0.750	1.500	2.220	0.095	0.469	0.217
80	1.000	1.807	1.000	2.000	2.882	0.128	0.626	0.268
100	1.250	2.270	1.250	2.500	3.535	0.157	0.780	0.362
120	1.500	2.728	1.500	3.000	4.283	0.189	0.906	0.386
140	1.750	3.167	1.750	3.500	4.843	0.220	1.126	0.449
160	2.000	3.622	2.000	4.000	5.622	0.252	1.250	0.516
200	2.500	4.547	2.500	5.000	7.047	0.315	1.688	0.642

American Standard (ANSI) Chain
Conveyor Chain Attachments

WSA-1 **WSA-2** **WSK-1** **WSK-**

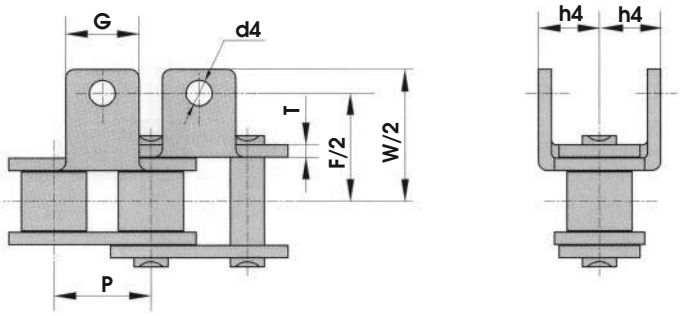




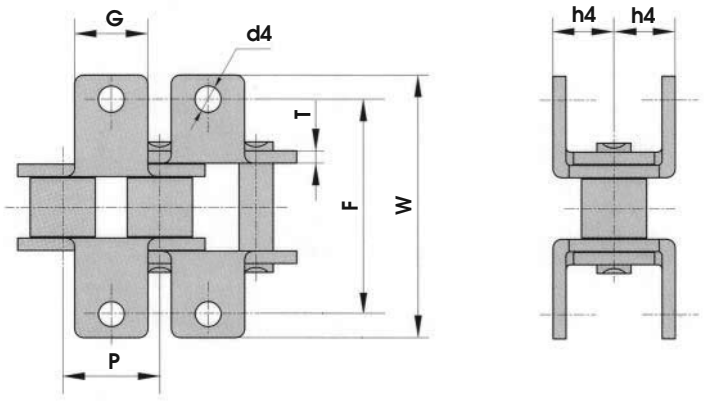
ANSI Chain No.	P	G	L	C	F	T	d4
35	0.375	0.682	0.375	0.374	0.573	0.051	0.110
40	0.500	0.906	0.500	0.500	0.685	0.059	0.134
41	0.500	0.835	0.500	0.467	0.652	0.051	0.142
50	0.625	1.134	0.625	0.626	0.907	0.080	0.217
60	0.750	1.364	0.750	0.720	1.057	0.095	0.217
80	1.000	1.807	1.000	0.969	1.396	0.128	0.268
100	1.250	2.270	1.250	1.252	1.732	0.157	0.362
120	1.500	2.728	1.500	1.437	2.031	0.189	0.386
140	1.750	3.167	1.750	1.752	2.441	0.220	0.449
160	2.000	3.622	2.000	2.000	2.750	0.252	0.516
200	2.500	4.547	2.500	2.500	3.500	0.315	0.642

American Standard (ANSI) Chain
Conveyor Chain Attachments

AA-1



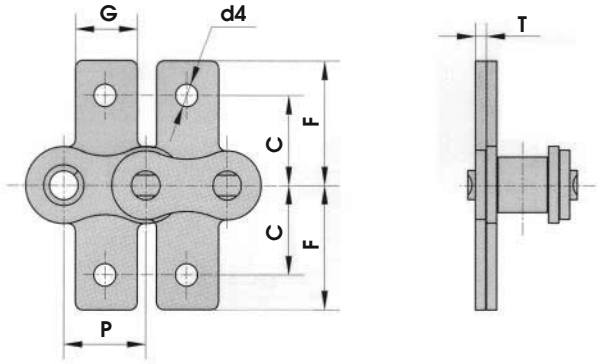
KK-1



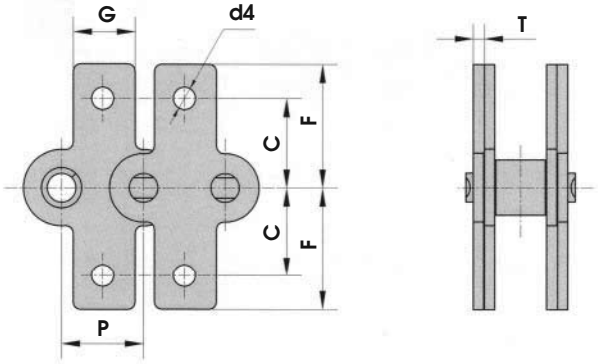
ANSI Chain No.	P	G	F	W	T	h4	d4
40	0.500	0.374	1.000	1.386	0.059	0.311	0.134
50	0.625	0.500	1.250	1.819	0.080	0.406	0.217
60	0.750	0.626	1.500	2.189	0.095	0.469	0.217
80	1.000	0.752	2.000	2.551	0.128	0.626	0.268
100	1.250	1.000	2.500	3.437	0.157	0.780	0.362

American Standard (ANSI) Chain
Conveyor Chain Attachments

SAA-1



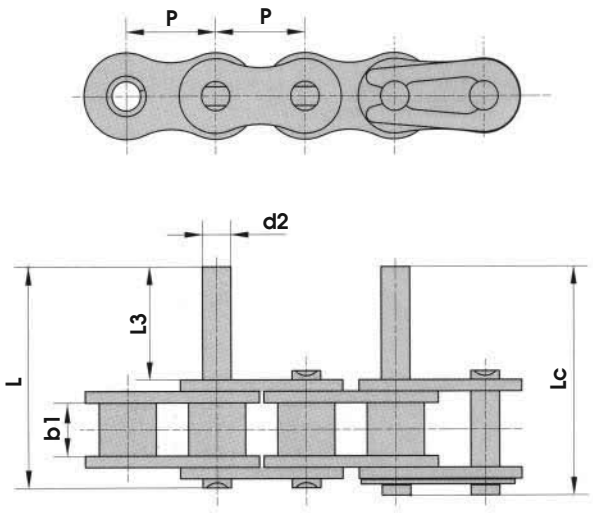
SKK-1



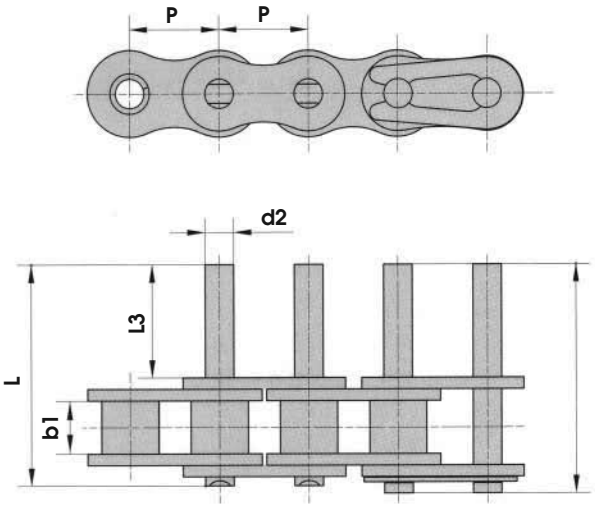
ANSI Chain No.	P	G	C	F	T	d4
40	0.500	0.374	0.500	0.750	0.059	0.134
50	0.625	0.500	0.626	0.994	0.080	0.217
60	0.750	0.626	0.720	1.155	0.095	0.217
80	1.000	0.752	0.969	1.366	0.128	0.268
100	1.250	1.000	1.252	1.705	0.157	0.362

American Standard (ANSI) Chain
Conveyor Chain With Extended Pins

D-1



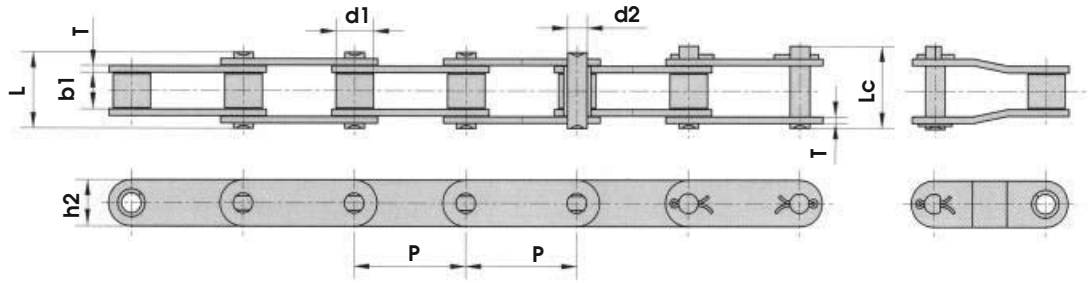
D-3



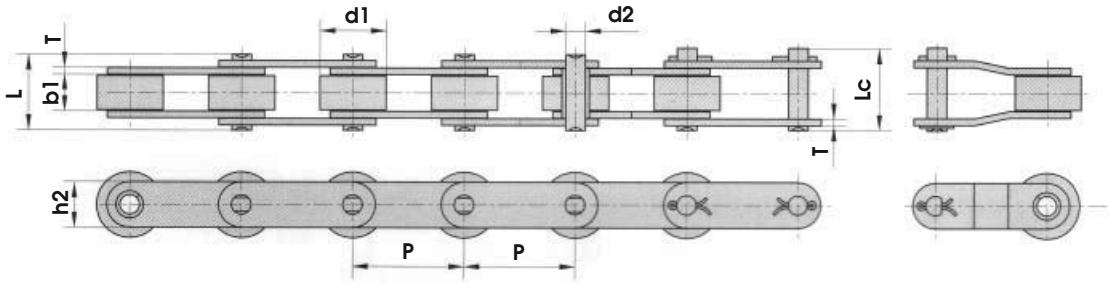
ANSI Chain No.	P	b1	d2	L3	L	Lc
35	0.375	0.188	0.141	0.374	0.819	0.850
40	0.500	0.309	0.156	0.374	0.988	1.031
50	0.625	0.370	0.200	0.469	1.232	1.303
60	0.750	0.495	0.234	0.563	1.520	1.598
80	1.000	0.620	0.312	0.752	1.980	2.098
100	1.250	0.744	0.375	0.937	2.433	2.602
120	1.500	0.993	0.437	1.126	3.008	3.165
140	1.750	0.993	0.500	1.311	3.339	3.520
160	2.000	1.242	0.562	1.500	3.921	4.110

American Standard (ANSI) Chain
Double Pitch Conveyor Chains

Small Roller Type



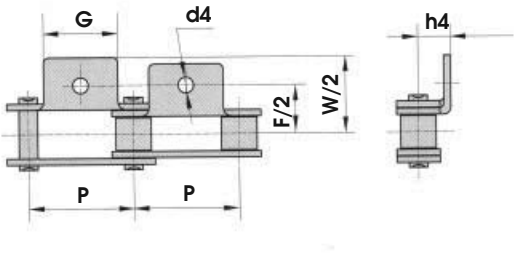
Large Roller Type



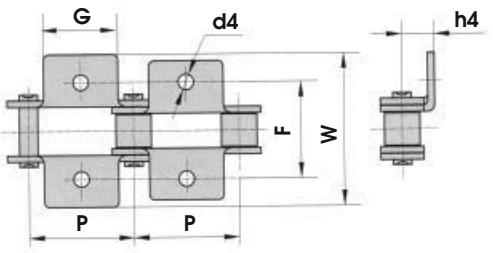
ANSI Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness T max	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
C2040	1.000	0.313	0.309	0.156	0.654	0.701	0.472	0.059	14.1/3205	16.7	7.58
C2042	1.000	0.625	0.309	0.156	0.654	0.701	0.472	0.059	14.1/3205	16.7	7.58
C2040H	1.000	0.313	0.309	0.156	0.740	0.783	0.472	0.080	14.1/3205	17.2	7.80
C2050	1.250	0.400	0.370	0.200	0.815	0.874	0.591	0.080	22.2/5045	28.1	12.75
C2052	1.250	0.750	0.370	0.200	0.815	0.874	0.591	0.080	22.2/5045	28.1	12.75
C2060	1.500	0.469	0.495	0.234	1.020	1.091	0.709	0.095	31.8/7227	36.8	16.70
C2062	1.500	0.875	0.495	0.234	1.020	1.091	0.709	0.095	31.8/7227	36.8	16.70
C2060H	1.500	0.469	0.495	0.234	1.150	1.244	0.709	0.128	31.8/7227	41.6	18.87
C2062H	1.500	0.875	0.495	0.234	1.150	1.244	0.709	0.128	31.8/7227	41.6	18.87
C2080	2.000	0.625	0.620	0.312	1.287	1.437	0.945	0.128	56.7/12886	64.7	29.81
C2082	2.000	1.125	0.620	0.312	1.287	1.437	0.945	0.128	56.7/12886	65.7	29.81
C2080H	2.000	0.625	0.620	0.312	1.425	1.551	0.945	0.157	56.7/12886	70.0	31.76
C2082H	2.000	1.125	0.620	0.312	1.425	1.551	0.945	0.157	56.7/12886	70.0	31.76
C2100	2.500	0.750	0.744	0.375	1.591	1.760	1.181	0.157	88.5/20114	102.6	46.55
C2102	2.500	1.562	0.744	0.375	1.591	1.760	1.181	0.157	88.5/20114	102.6	46.55
C2100H	2.500	0.750	0.744	0.375	1.717	1.846	1.181	0.189	88.5/20114	112.4	51.00
C2102H	2.500	1.562	0.744	0.375	1.717	1.846	1.181	0.189	88.5/20114	112.4	51.00
C2120	3.000	0.875	0.993	0.437	1.980	2.138	1.406	0.189	127.0/28864	147.3	66.83
C2122	3.000	1.750	0.993	0.437	1.980	2.138	1.406	0.189	127.0/28864	147.3	66.83
C2120H	3.000	0.875	0.993	0.437	2.106	2.264	1.406	0.220	127.0/28864	160.9	73.00
C2122H	3.000	1.750	0.993	0.437	2.106	2.264	1.406	0.220	127.0/28864	160.9	73.00
C2160	4.000	1.125	1.250	0.562	2.551	2.740	1.882	0.252	226.8/51545	278.9	126.54
C2162	4.000	2.250	1.250	0.562	2.551	2.740	1.882	0.252	226.8/51545	278.9	126.54
C2160H	4.000	1.125	1.250	0.562	2.685	2.874	1.882	0.283	226.8/51545	285.8	129.67
C2162H	4.000	2.250	1.250	0.562	2.685	2.874	1.882	0.283	226.8/51545	285.8	129.67

American Standard (ANSI) Chain
Double Pitch Conveyor Chain Attachments

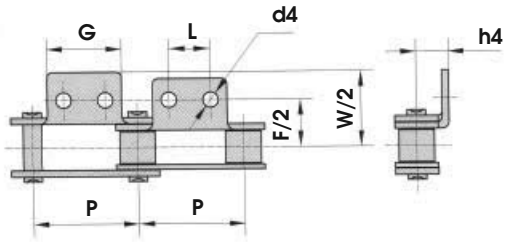
A-1



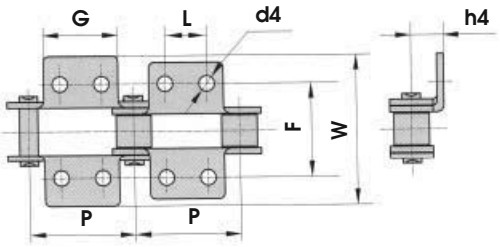
K-1



A-2



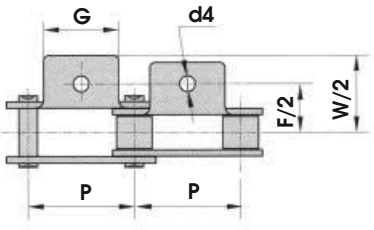
K-2



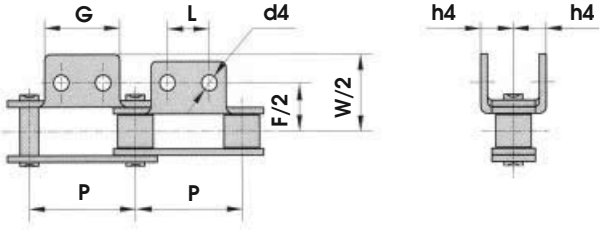
ANSI Chain No.	P	G	L	F	W	h4	d4
C2040	1.000	0.752	0.374	1.000	1.559	0.358	0.134
C2042	1.000	0.752	0.374	1.000	1.559	0.358	0.134
C2050	1.250	0.937	1.252	1.252	1.929	0.437	0.217
C2052	1.250	0.937	1.252	1.252	1.929	0.437	0.217
C2060	1.500	1.126	1.689	1.689	2.669	0.579	0.217
C2062	1.500	1.126	1.689	1.689	2.669	0.579	0.217
C2060H	1.500	1.126	1.689	1.689	2.669	0.579	0.217
C2062H	1.500	1.126	1.689	1.689	2.669	0.579	0.217
C2080	2.000	1.500	2.189	2.189	3.457	0.752	0.268
C2082	2.000	1.500	2.189	2.189	3.457	0.752	0.268
C2080H	2.000	1.500	2.189	2.189	3.457	0.752	0.268
C2082H	2.000	1.500	2.189	2.189	3.457	0.752	0.268
C2100	2.500	1.874	2.622	2.622	4.232	0.921	0.362
C2102	2.500	1.874	2.622	2.622	4.232	0.921	0.362
C2100H	2.500	1.874	2.622	2.622	4.232	0.921	0.362
C2102H	2.500	1.874	2.622	2.622	4.232	0.921	0.362
C2120	3.000	2.252	3.122	3.122	4.780	1.094	0.433
C2122	3.000	2.252	3.122	3.122	4.780	1.094	0.433
C2120H	3.000	2.252	3.122	3.122	4.780	1.094	0.433
C2122H	3.000	2.252	3.122	3.122	4.780	1.094	0.433
C2160	4.000	3.000	4.122	4.122	5.969	1.437	0.516
C2162	4.000	3.000	4.122	4.122	5.969	1.437	0.516
C2160H	4.000	3.000	4.122	4.122	5.969	1.437	0.516
C2162H	4.000	3.000	4.122	4.122	5.969	1.437	0.516

American Standard (ANSI) Chain
Double Pitch Conveyor Chain Attachments

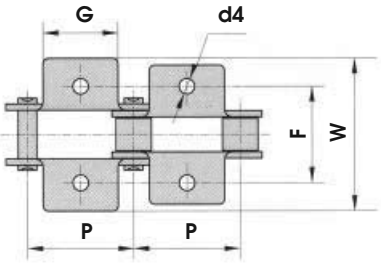
AA-1



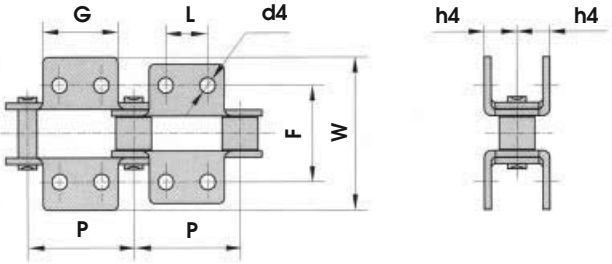
AA-2



KK-1



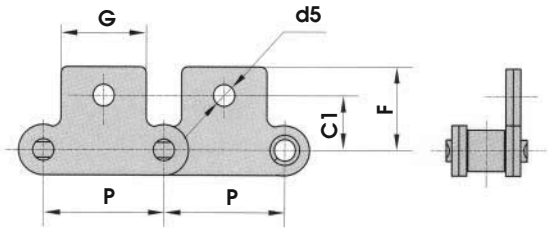
KK-2



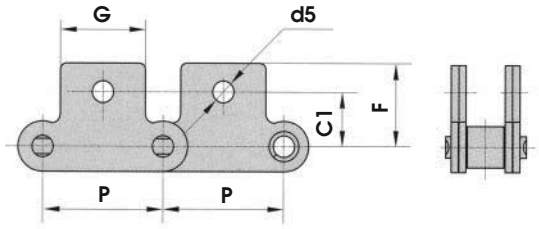
ANSI Chain No.	P	G	L	F	W	h4	d4
C2040	1.000	0.752	0.374	1.000	1.559	0.358	0.134
C2042	1.000	0.752	0.374	1.000	1.559	0.358	0.134
C2050	1.250	0.937	0.469	1.252	1.929	0.437	0.217
C2052	1.250	0.937	0.469	1.252	1.929	0.437	0.217
C2060	1.500	1.126	0.563	1.689	2.669	0.579	0.217
C2062	1.500	1.126	0.563	1.689	2.669	0.579	0.217
C2060H	1.500	1.126	0.563	1.689	2.669	0.579	0.217
C2062H	1.500	1.126	0.563	1.689	2.669	0.579	0.217
C2080	2.000	1.500	0.752	2.189	3.457	0.752	0.268
C2082	2.000	1.500	0.752	2.189	3.457	0.752	0.268
C2080H	2.000	1.500	0.752	2.189	3.457	0.752	0.268
C2082H	2.000	1.500	0.752	2.189	3.457	0.752	0.268

American Standard (ANSI) Chain
Double Pitch Conveyor Chain Attachments

SA-1



SK-2



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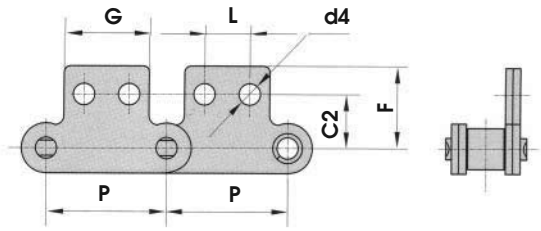
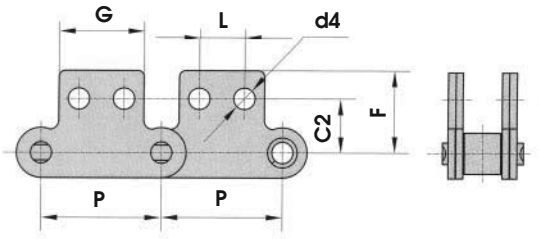


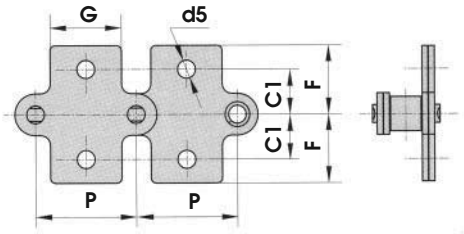
SK-2



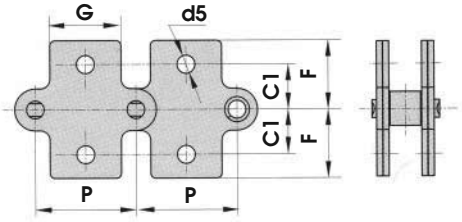
ANSI Chain No.	P	G	L	C1	C2	F	d4	d5
C2040	1.000	0.752	0.374	0.437	0.531	0.807	0.134	0.134
C2042	1.000	0.752	0.374	0.437	0.531	0.807	0.134	0.134
C2050	1.250	0.937	0.469	0.563	0.626	0.984	0.217	0.217
C2052	1.250	0.937	0.469	0.563	0.626	0.984	0.217	0.217
C2060	1.500	1.126	0.563	0.689	0.752	1.295	0.217	0.217
C2062	1.500	1.126	0.563	0.689	0.752	1.295	0.217	0.217
C2060H	1.500	1.126	0.563	0.689	0.752	1.295	0.217	0.217
C2062H	1.500	1.126	0.563	0.689	0.752	1.295	0.217	0.217
C2080	2.000	1.500	0.752	0.874	1.000	1.713	0.260	0.268
C2082	2.000	1.500	0.752	0.874	1.000	1.713	0.260	0.268
C2080H	2.000	1.500	0.752	0.874	1.000	1.713	0.260	0.268
C2082H	2.000	1.500	0.752	0.874	1.000	1.713	0.260	0.268
C2100	2.500	1.874	0.937	1.126	1.252	1.984	0.331	0.362
C2102	2.500	1.874	0.937	1.126	1.252	1.984	0.331	0.362
C2100H	2.500	1.874	0.937	1.126	1.252	1.984	0.331	0.362
C2102H	2.500	1.874	0.937	1.126	1.252	1.984	0.331	0.362

American Standard (ANSI) Chain
Double Pitch Conveyor Chain Attachments

SAA-1



SKK-2



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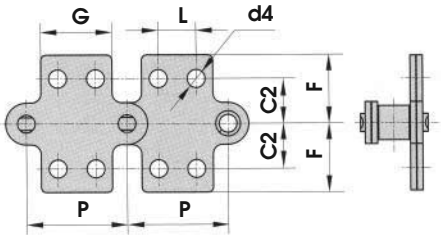
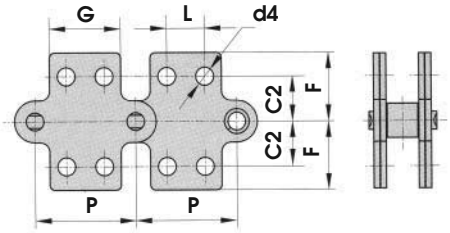
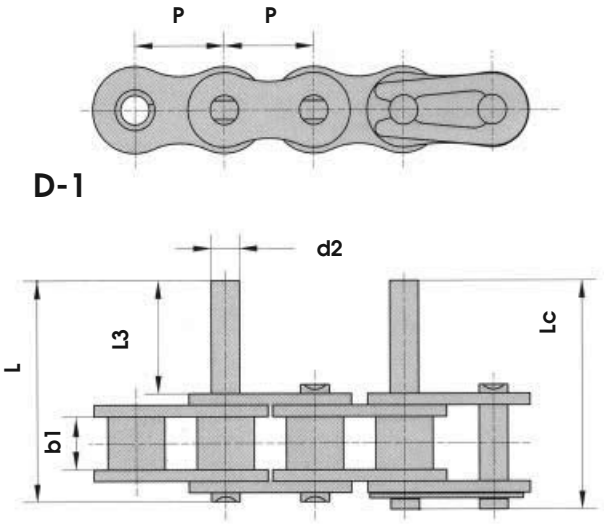


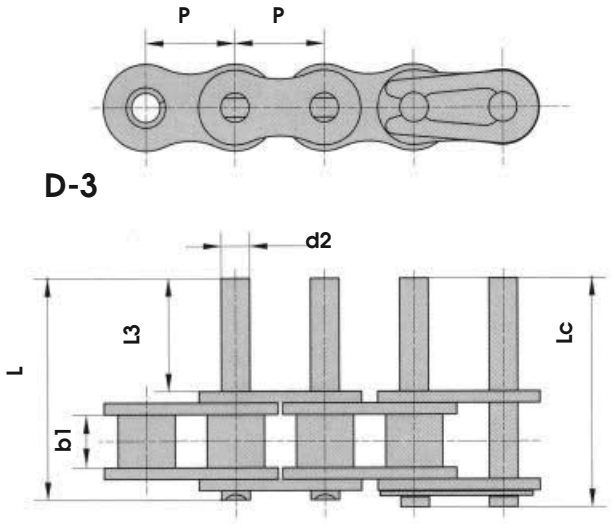
SAA-2



ANSI Chain No.	P	G	L	C1	C2	F	d4	d5
C2040	1.000	0.752	0.374	0.437	0.531	0.807	0.134	0.217
C2042	1.000	0.752	0.374	0.437	0.531	0.807	0.134	0.217
C2050	1.250	0.937	0.469	0.563	0.626	0.984	0.217	0.260
C2052	1.250	0.937	0.469	0.563	0.626	0.984	0.217	0.260
C2060	1.500	1.126	0.563	0.689	0.752	1.295	0.217	0.362
C2062	1.500	1.126	0.563	0.689	0.752	1.295	0.217	0.362
C2060H	1.500	1.126	0.563	0.689	0.752	1.295	0.217	0.362
C2062H	1.500	1.126	0.563	0.689	0.752	1.295	0.217	0.362
C2080	2.000	1.500	0.752	0.874	1.000	1.713	0.260	0.433
C2082	2.000	1.500	0.752	0.874	1.000	1.713	0.260	0.433
C2080H	2.000	1.500	0.752	0.874	1.000	1.713	0.260	0.433
C2082H	2.000	1.500	0.752	0.874	1.000	1.713	0.260	0.433

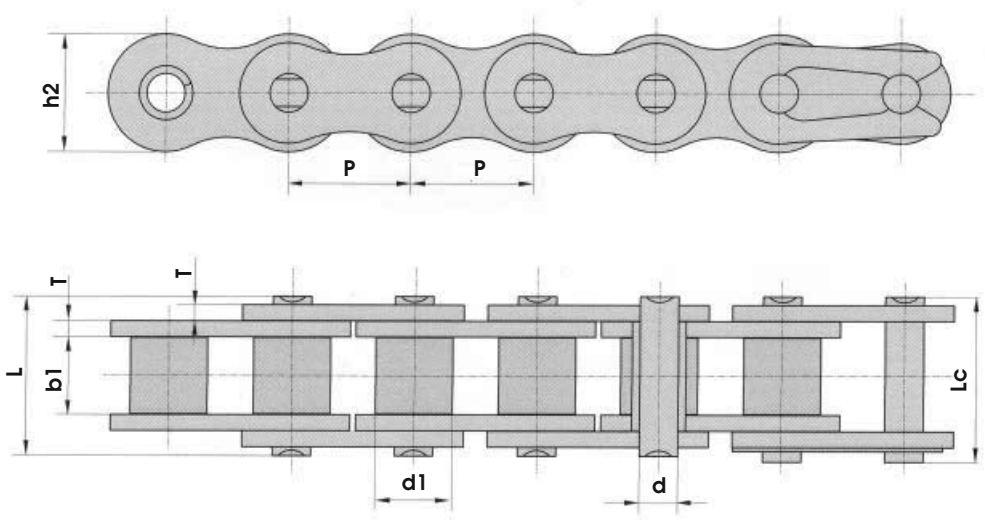
American Standard (ANSI) Chain
Double Pitch Conveyor Chain With Extended Pins





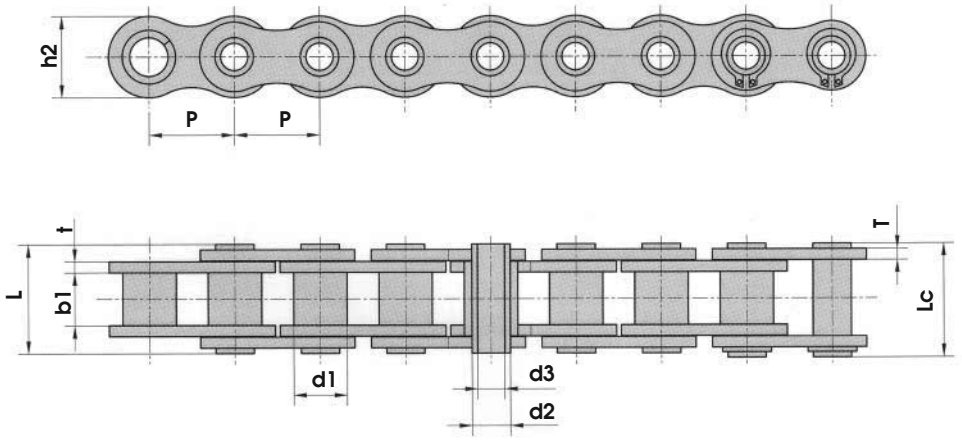
ANSI Chain No.	P	b1	d2	L3	L	Lc
C2040	1.000	0.309	0.156	0.374	0.988	1.031
C2042	1.000	0.309	0.156	0.374	0.988	1.031
C2050	1.250	0.370	0.200	0.469	1.232	1.303
C2052	1.250	0.370	0.200	0.469	1.232	1.303
C2060	1.500	0.495	0.234	0.563	1.520	1.598
C2062	1.500	0.495	0.234	0.563	1.520	1.598
C2060H	1.500	0.495	0.234	0.563	1.654	1.724
C2062H	1.500	0.495	0.234	0.563	1.654	1.724
C2080	2.000	0.620	0.312	0.752	1.980	2.098
C2082	2.000	0.620	0.312	0.752	1.980	2.098
C2080H	2.000	0.620	0.312	0.752	2.106	2.165
C2082H	2.000	0.620	0.312	0.752	2.106	2.165
C2100	2.500	0.744	0.375	0.937	2.433	2.602
C2102	2.500	0.744	0.375	0.937	2.433	2.602
C2100H	2.500	0.744	0.375	0.937	2.559	2.689
C2102H	2.500	0.744	0.375	0.937	2.559	2.689
C2120H	3.000	0.993	0.437	1.126	3.134	3.291
C2122H	3.000	0.993	0.437	1.126	3.134	3.291
C2160H	4.000	1.250	0.562	1.500	4.055	4.244
C2162H	4.000	1.250	0.562	1.500	4.055	4.244

American Standard (ANSI) Chain
Roller Chains With Plastic Rollers



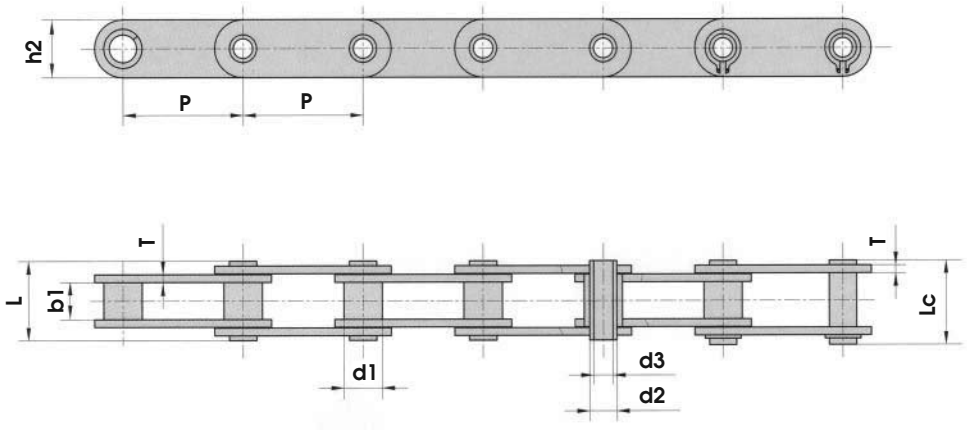
ANSI Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness T max	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
40-P	1.000	0.313	0.309	0.156	0.654	0.701	0.472	0.059	14.1/3205	17.5	0.25
50-P	1.000	0.400	0.370	0.200	0.815	0.874	0.594	0.080	22.20/5045	29.4	0.44
60-P	1.000	0.469	0.495	0.234	1.020	1.091	0.709	0.095	31.80/7227	41.5	0.61
80-P	1.250	0.625	0.620	0.312	1.287	1.378	0.945	0.128	56.70/12886	69.4	1.03
A2050-P	1.250	0.400	0.370	0.200	0.815	0.874	0.591	0.080	22.20/5045	28.1	0.28

American Standard (ANSI) Chain
Hollow Pin Chains



ANSI Chain No.	Pitch P	Bush Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Diameter d3 min.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness T max	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
40HP	0.500	0.313	0.309	0.222	0.157	0.650	0.693	0.472	0.059	11.0/2500	12.2	0.25
50HP	0.625	0.400	0.370	0.277	0.202	0.815	0.862	0.594	0.080	20.0/4545	22.6	0.41
60HP	0.750	0.469	0.500	0.327	0.236	1.016	1.055	0.709	0.095	24.0/5455	26.9	0.59
60HPF1	0.750	0.469	0.500	0.327	0.197	1.004	1.055	0.709	0.095	28.0/6364	30.9	0.62
80HP	1.000	0.625	0.620	0.449	0.317	1.280	1.331	0.945	0.128	50.0/11364	52.0	1.03
80HPF2	1.000	0.625	0.620	0.449	0.331	1.280	1.331	0.945	0.128	45.0/10227	48.0	1.01

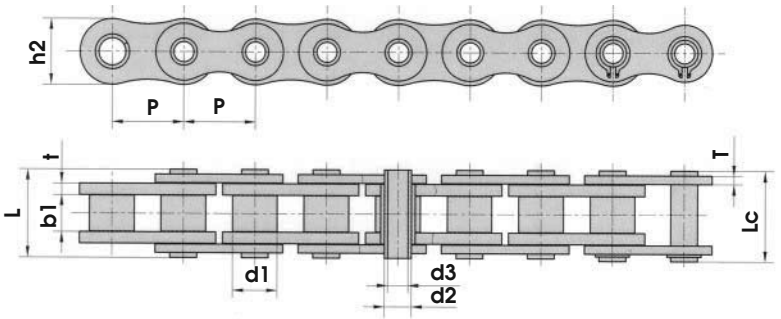
American Standard (ANSI) Chain
Hollow Pin Chains



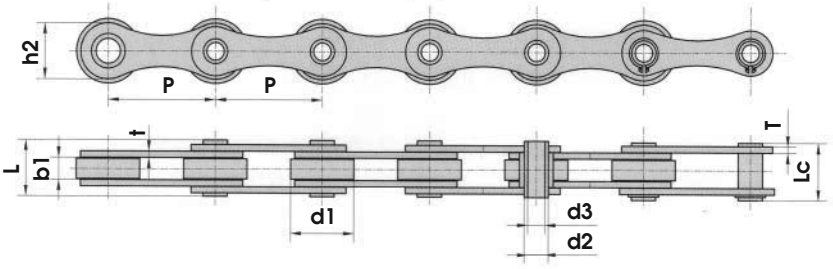
ANSI Chain No.	Pitch	Bush Diameter	Width Between Inner Plates	Pin Diameter		Pin Length		Inner Plate Depth	Plate Thickness	Ultimate Tensile Strength Q	Average Tensile Strength	Weight Per Ft
	P	d1 max.	b1 min.	d2 max.	d3 min.	L max.	Lc max.	h2 max	T max	min kN/LB	Q_0 kN	q lbs / ft
C2040HP	1.000	0.313	0.309	0.222	0.157	0.650	0.693	0.472	0.059	11.0/2500	12.2	0.21
C2050HP	1.250	0.400	0.370	0.284	0.202	0.807	0.858	0.591	0.080	20.0/4545	22.6	0.34
C2060HP	1.500	0.469	0.500	0.327	0.236	1.016	1.055	0.669	0.095	24.0/5455	27.1	0.46
HP40F1	1.575	0.709	0.866	0.472	0.315	1.870	1.898	1.378	0.197	57.0/13049	63.8	2.44
HP40F2	1.575	0.709	0.866	0.472	0.323	1.870	1.898	1.378	0.197	57.0/13049	63.0	2.44
C2080HP	2.000	0.625	0.620	0.449	0.317	1.280	1.331	0.945	0.128	50.0/11364	52.0	0.82
HP50F1	1.969	1.024	0.571	0.787	0.579	1.390	1.425	1.575	0.122	30.0/6818	33.6	1.81
C40HP	0.500	0.313	0.309	0.222	0.157	0.650	0.693	0.472	0.059	11.0/2500	12.2	0.29
C50HP	0.625	0.400	0.370	0.277	0.202	0.815	0.862	0.594	0.080	20.0/4545	22.6	0.48
C60HP	0.750	0.469	0.500	0.327	0.236	1.016	1.055	0.709	0.095	24.0/5455	26.9	0.69
C80HP	1.000	0.625	0.620	0.433	0.317	1.280	1.331	0.945	0.128	50.0/11364	52.0	1.19

American Standard (ANSI) Chain
Hollow Pin Chains

Type A

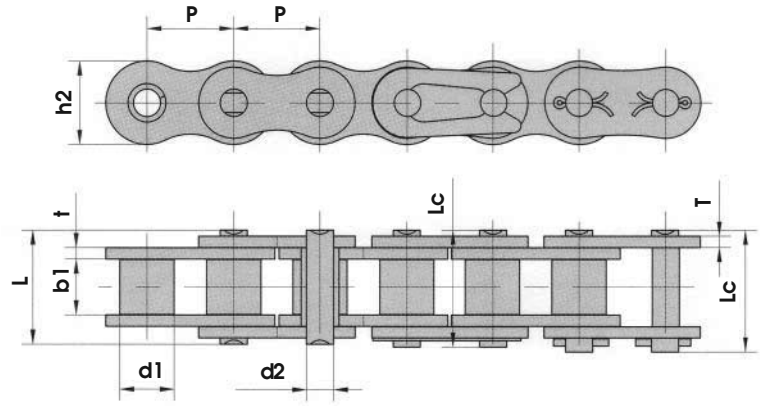


Type B



ANSI Chain No.	Type	Pitch P	Bush Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Diameter d3 min.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness t/T max	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
60HB	A	0.750	0.469	0.500	0.276	0.197	1.004	1.047	0.709	0.095	20.00/4545	22.4	0.61
HP35	A	1.378	0.787	0.630	0.526	0.402	1.197	1.244	1.035	0.098	23.52/5345	26.4	0.92
HB50	B	1.969	1.181	0.413	0.449	0.323	1.079	1.126	1.024	0.122	50.00/11364	53.6	1.01
HB63	B	2.480	1.181	0.394	0.449	0.319	1.051	1.106	1.043	0.122	50.00/11364	53.6	0.94
HB63F1	B	2.480	1.575	0.394	0.449	0.319	1.051	1.106	1.043	0.122	50.00/11364	53.6	1.03
HB63F2	B	2.480	1.575	0.787	0.449	0.319	1.445	1.500	1.043	0.122	50.00/11364	53.6	1.45
HB63F3	B	2.480	1.575	0.591	0.449	0.323	1.402	1.457	1.043	0.157	35.00/7955	38.5	1.77
HB100	B	3.937	1.181	0.413	0.449	0.323	1.079	1.126	1.024	0.122	50.00/11364	53.6	0.71

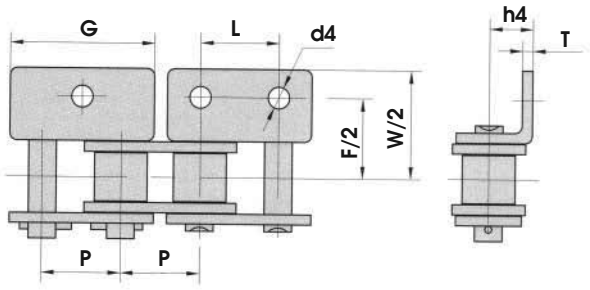
American Standard (ANSI) Chain
Stainless Steel Roller Chains



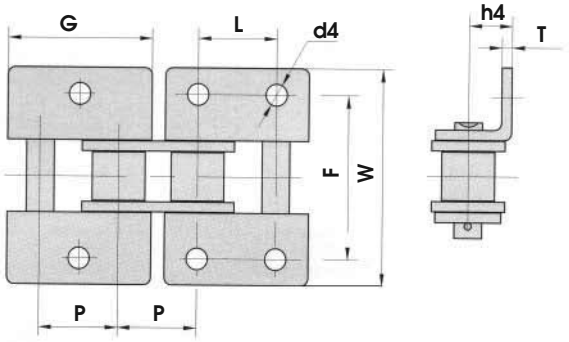
ANSI Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness t/T max	Breaking Load Q kN	Weight Per Ft q lbs / ft
25SS	0.250	0.130	0.125	0.091	0.311	0.331	0.236	0.031	2.5/568	0.07
35SS	0.375	0.200	0.188	0.141	0.488	0.519	0.354	0.051	5.5/1250	0.15
40SS	0.500	0.313	0.309	0.156	0.654	0.701	0.472	0.059	9.6/2182	0.29
41SS	0.500	0.306	0.246	0.141	0.541	0.591	0.390	0.051	6.0/1360	0.21
50SS	0.625	0.400	0.370	0.200	0.815	0.874	0.594	0.080	15.2/3455	0.47
60SS	0.750	0.469	0.495	0.234	1.020	1.091	0.709	0.095	21.7/4932	0.69
80SS	1.000	0.625	0.620	0.312	1.287	1.378	0.945	0.128	38.9/8841	1.19
100SS	1.250	0.750	0.744	0.375	1.591	1.760	1.181	0.157	60.0/13636	1.79
120SS	1.500	0.875	0.993	0.437	1.980	2.138	1.406	0.189	72.5/16477	2.60
140SS	1.750	1.000	0.993	0.500	2.142	2.323	1.614	0.220	94.0/21363	3.49

American Standard (ANSI) Chain
Stainless Steel Conveyor Chain Attachments

WA-1 **WA-2**



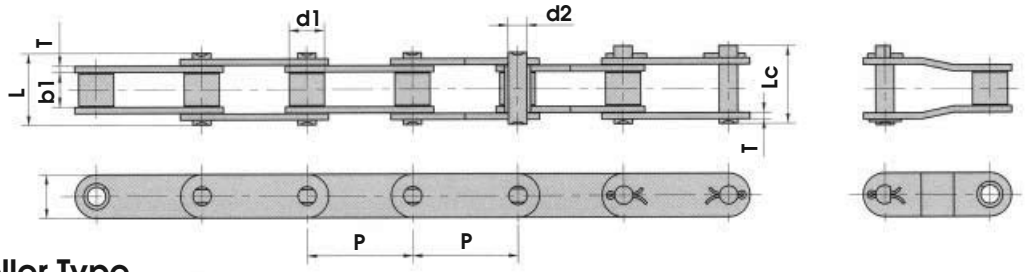
WK-1 **WK-2**



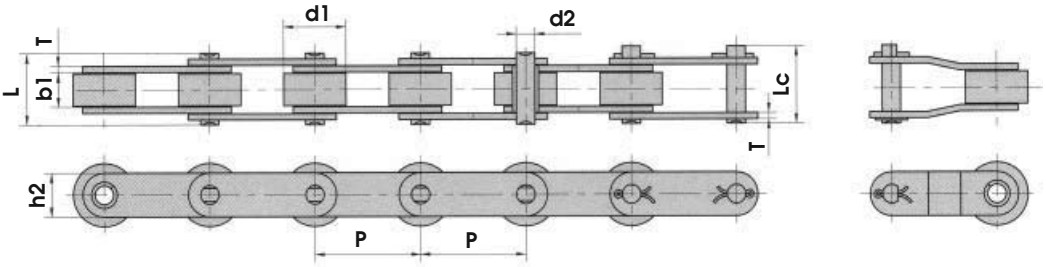
ANSI Chain No.	P	G	L	F	W	T	h4	d4
40SS	0.500	0.906	0.500	1.000	1.402	0.059	0.311	0.134
50SS	0.625	1.134	0.625	1.252	1.843	0.080	0.406	0.217
60SS	0.750	1.364	0.750	1.500	2.220	0.095	0.469	0.217
80SS	1.000	1.807	1.000	2.000	2.882	0.128	0.626	0.268
100SS	1.250	2.270	1.250	2.500	3.535	0.157	0.780	0.362

American Standard (ANSI) Chain
Double Pitch Stainless Steel Roller Chains

Small Roller Type



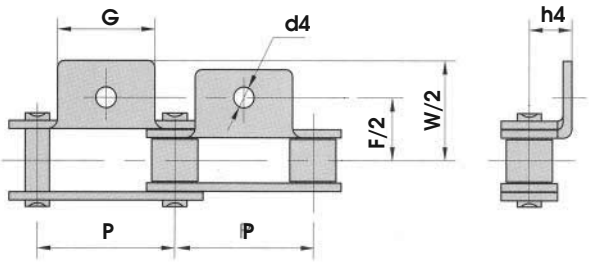
Large Roller Type



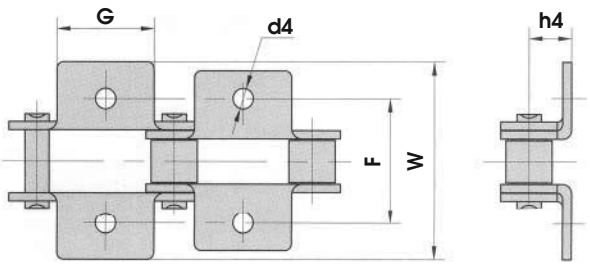
ANSI Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thick-ness T max	Breaking Load Q kN	Weight Per Ft q lbs / ft
C2040SS	1.000	0.313	0.309	0.156	0.654	0.701	0.472	0.059	9.6/2182	0.23
C2042SS	1.000	0.625	0.309	0.156	0.654	0.701	0.472	0.059	9.6/2182	0.39
C2040HSS	1.000	0.313	0.309	0.156	0.740	0.783	0.472	0.080	9.6/2182	0.30
C208BSS	1.000	0.335	0.305	0.175	0.657	0.717	0.465	0.063	12.0/2727	0.25
C208BLSS	1.000	0.625	0.305	0.175	0.657	0.717	0.465	0.063	12.0/2727	0.41
C2050SS	1.250	0.400	0.370	0.200	0.815	0.874	0.591	0.080	15.2/3455	0.36
C2052SS	1.250	0.750	0.370	0.200	0.815	0.874	0.591	0.080	15.2/3455	0.59
C2060SS	1.500	0.469	0.495	0.234	1.020	1.091	0.709	0.095	21.7/4932	0.51
C2062SS	1.500	0.875	0.495	0.234	1.020	1.091	0.709	0.095	21.7/4932	0.74
C2060HSS	1.500	0.469	0.495	0.234	1.150	1.244	0.709	0.128	21.7/4932	0.66
C2062HSS	1.500	0.875	0.495	0.234	1.150	1.244	0.709	0.128	21.7/4932	0.95
C2080SS	2.000	0.625	0.620	0.312	1.287	1.437	0.945	0.128	38.9/8841	0.96
C2082SS	2.000	1.125	0.620	0.312	1.287	1.437	0.945	0.128	38.9/8841	1.43
C2080HSS	2.000	0.625	0.620	0.312	1.425	1.551	0.945	0.157	38.9/8841	1.17
C2082HSS	2.000	1.125	0.620	0.312	1.425	1.551	0.945	0.157	38.9/8841	1.65
C2100SS	2.500	0.750	0.744	0.375	1.591	1.760	1.181	0.157	60.0/13636	1.38
C2102SS	2.500	1.562	0.744	0.375	1.591	1.760	1.181	0.157	60.0/13636	2.22
C2100HSS	2.500	0.750	0.744	0.375	1.717	1.846	1.181	0.189	60.0/13636	1.64
C2102HSS	2.500	1.562	0.744	0.375	1.717	1.846	1.181	0.189	60.0/13636	2.47

American Standard (ANSI) Chain
Double Pitch Stainless Steel Conveyor Chain Attachments

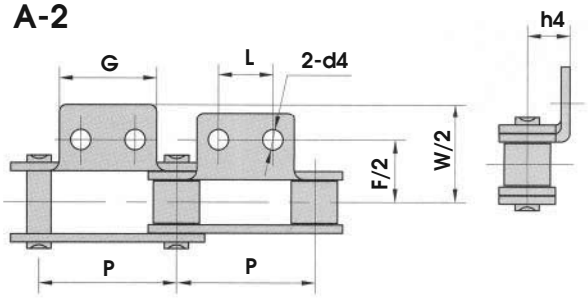
A-1



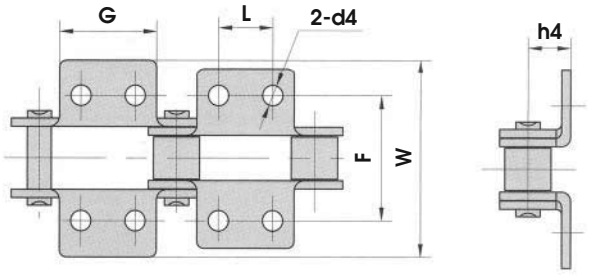
K-1



A-2



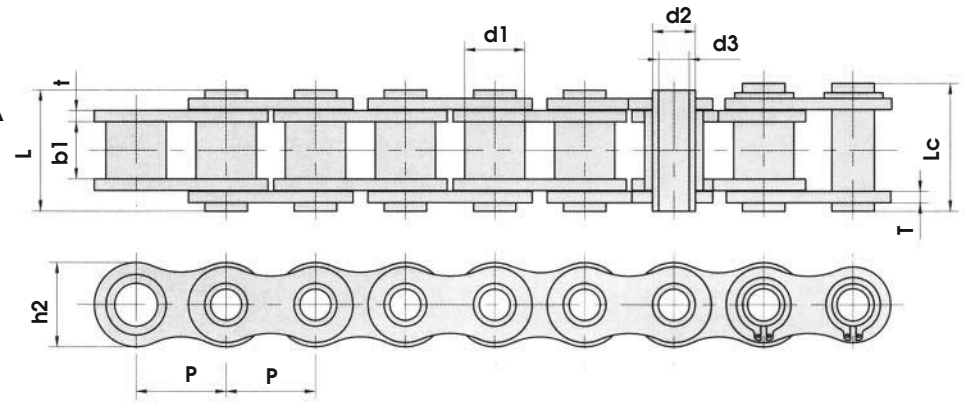
K-2



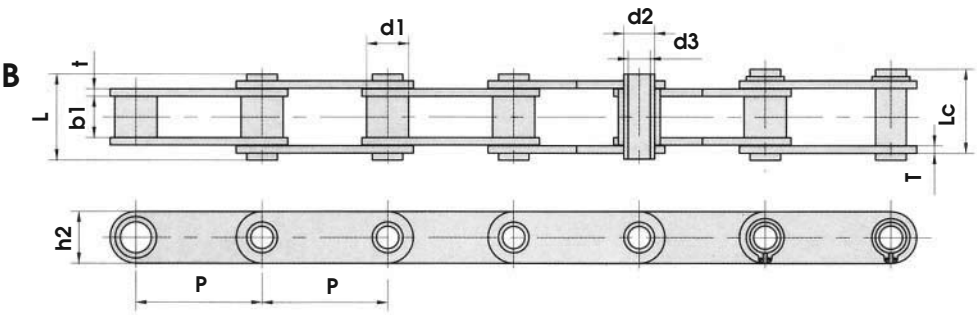
ANSI Chain No.	P	G	L	F	W	h4	d4
C2040SS	1.000	0.752	0.374	1.000	1.559	0.358	0.134
C2042SS	1.000	0.752	0.374	1.000	1.559	0.358	0.134
C208BSS	1.000	0.913	0.500	1.000	1.559	0.358	0.177
C208BLSS	1.000	0.913	0.500	1.000	1.559	0.358	0.177
C2050SS	1.250	0.937	0.469	1.252	1.929	0.437	0.217
C2052SS	1.250	0.937	0.469	1.252	1.929	0.437	0.217
C2060SS	1.500	1.126	0.563	1.689	2.669	0.579	0.217
C2062SS	1.500	1.126	0.563	1.689	2.669	0.579	0.217
C2060HSS	1.500	1.126	0.563	1.689	2.669	0.579	0.217
C2062HSS	1.500	1.126	0.563	1.689	2.669	0.579	0.217
C2080SS	2.000	1.500	0.752	2.189	3.457	0.752	0.268
C2082SS	2.000	1.500	0.752	2.189	3.457	0.752	0.268
C2080HSS	2.000	1.500	0.752	2.189	3.457	0.752	0.268
C2082HSS	2.000	1.500	0.752	2.189	3.457	0.752	0.268
C2100SS	2.500	1.874	0.937	2.622	4.232	0.921	0.362
C2102SS	2.500	1.874	0.937	2.622	4.232	0.921	0.362
C2100HSS	2.500	1.874	0.937	2.598	4.232	0.921	0.362
C2102HSS	2.500	1.874	0.937	2.598	4.232	0.921	0.362

American Standard (ANSI) Chain
Stainless Steel Hollow Pin Chains

Type A

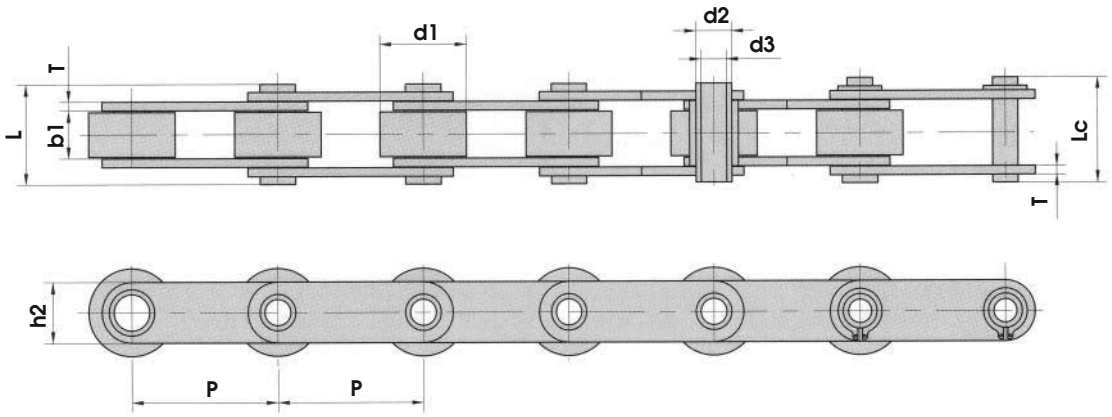


Type B



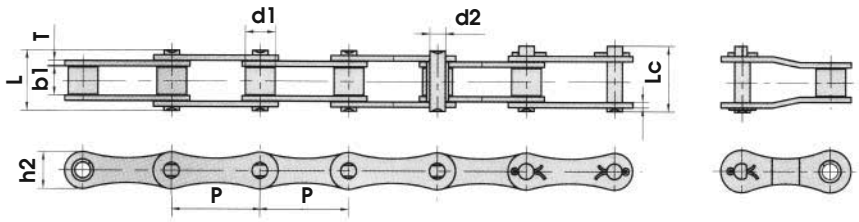
ANSI Chain No.	Type	Pitch P	Bush Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Diameter d3 min.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness t/T max	Breaking Load Q_0 kN	Weight Per Ft q lbs / ft
80BH9FSS	A	0.500	0.335	0.305	0.258	0.177	0.646	0.693	0.465	0.063/0.051	7.8/1773	0.26
40HPSS	A	0.500	0.313	0.309	0.222	0.157	0.650	0.693	0.472	0.059	7.7/1750	0.25
50HPSS	A	0.625	0.400	0.370	0.277	0.202	0.815	0.862	0.594	0.080	14.0/3182	0.42
60HPSS	A	0.750	0.469	0.500	0.327	0.236	1.016	1.055	0.709	0.095	16.8/3818	0.59
80HPSS	A	1.003	0.625	0.620	0.449	0.317	1.280	1.331	0.945	0.128	35.0/7955	1.04
C2040HPSS	B	1.000	0.313	0.309	0.222	0.157	0.650	0.693	0.472	0.059	7.7/1750	0.21
C2050HPSS	B	1.250	0.400	0.370	0.284	0.202	0.807	0.858	0.591	0.080	14.3/3250	0.35
C2060HPSS	B	1.500	0.469	0.500	0.327	0.236	1.016	1.055	0.669	0.095	16.8/3818	0.47
C2080HPSS	B	2.000	0.625	0.620	0.449	0.317	1.280	1.331	0.945	0.128	35.0/7955	0.83

American Standard (ANSI) Chain
Stainless Steel Hollow Pin Chains

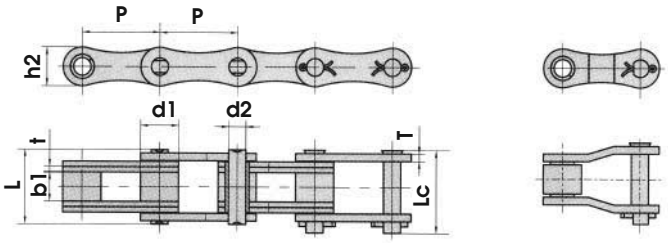


ANSI Chain No.	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter		Pin Length		Inner Plate Depth	Plate Thickness	Breaking Load	Weight Per Ft
	P	d1 max.	b1 min.	d2 max.	d3 min.	L max.	Lc max.	h2 max	T max	Q_0 kN	q lbs / ft
C2042HPSS	1.000	0.625	0.309	0.222	0.157	0.650	0.693	0.472	0.059	7.7/1750	0.36
C2052HPSS	1.250	0.750	0.375	0.284	0.202	0.807	0.858	0.591	0.080	14.3/3250	0.58
C2062HPSS	1.500	0.875	0.500	0.327	0.236	1.016	1.055	0.669	0.095	16.8/3818	0.79
C2082HPSS	2.000	1.125	0.620	0.449	0.317	1.276	1.331	0.945	0.128	35.0/7955	1.30
C2042H-HPSS	1.000	0.625	0.309	0.222	0.157	0.740	0.783	0.472	0.080	7.7/1750	0.44
C2052H-HPSS	1.250	0.750	0.375	0.284	0.202	0.870	0.921	0.591	0.095	14.3/3250	0.66
C2062H-HPSS	1.500	0.875	0.500	0.327	0.236	1.150	1.189	0.669	0.128	16.8/3818	0.92
C2082H-HPSS	2.000	1.125	0.620	0.449	0.317	1.425	1.480	0.945	0.157	35.0/7955	1.50

American Standard (ANSI) Chain
S Type Steel Agricultural Chains

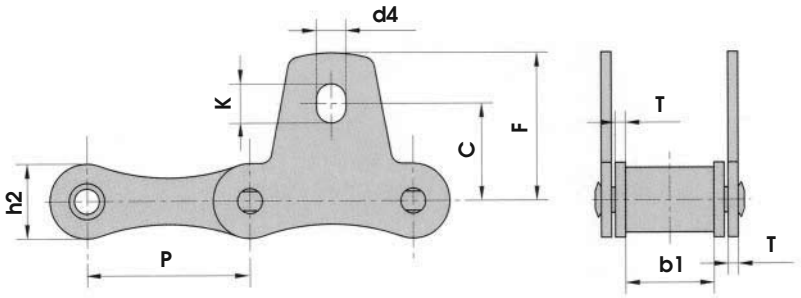


ANSI Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness T max	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
S32	1.150	0.450	0.625	0.175	1.051	1.134	0.520	0.071	8.0/1818	21.6	0.39
S32V	1.150	0.450	0.625	0.200	1.075	1.169	0.531	0.083	25.0/5680	27.0	0.44
S42	1.375	0.562	0.750	0.276	1.350	1.457	0.780	0.110	27.0/6136	50.8	0.73
S45	1.630	0.600	0.875	0.225	1.484	1.591	0.681	0.110	18.0/4091	36.1	0.75
S51	1.500	0.600	0.630	0.225	1.217	1.331	0.681	0.110	28.0/6364	30.8	0.67
S52L	1.500	0.600	0.646	0.225	1.217	1.331	0.650	0.098	29.2/6636	32.2	0.62
S52	1.500	0.600	0.875	0.225	1.484	1.591	0.681	0.110	18.0/4091	36.1	0.76
55V	1.630	0.705	0.875	0.324	1.547	1.669	0.787	0.118	42.0/9546	45.0	1.01
S55	1.630	0.700	0.875	0.225	1.484	1.591	0.681	0.110	18.0/4091	36.1	0.82
S55R	1.630	0.700	0.875	0.350	1.614	1.732	0.882	0.138	45.0/10227	73.1	1.13
S55RH	1.630	0.700	0.875	0.350	1.701	1.827	0.882	0.157	65.0/14772	84.5	1.24
S62	1.650	0.750	1.031	0.225	1.587	1.693	0.681	0.098	26.7/6067	36.1	0.85
S62F5	1.650	0.750	1.031	0.225	1.587	1.693	0.657	0.098	26.7/6067	36.1	0.94
S77	2.297	0.719	0.875	0.350	1.701	1.827	1.031	0.157	45.0/10227	73.1	1.21
S88	2.609	0.900	1.125	0.350	1.961	2.087	1.031	0.157	45.0/10227	73.1	1.47
CA642	1.630	0.625	0.748	0.326	1.421	1.539	0.835	0.118	50.0/11363	55.0	0.90
CA650	2.000	0.984	0.744	0.375	1.591	1.760	0.984	0.157	90.0/20454	95.5	1.58
CA650F2	2.000	0.787	0.744	0.375	1.591	1.760	0.984	0.157	90.0/20454	95.5	1.35

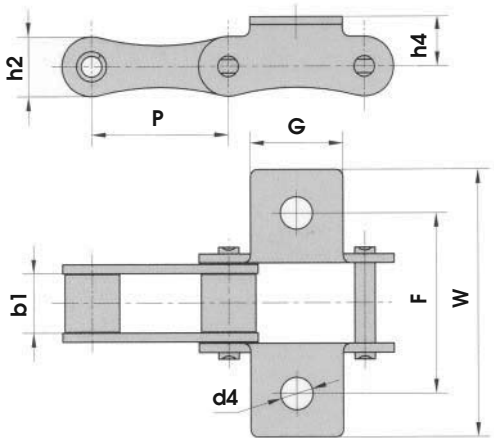


ANSI Chain No.	Pitch P	Roller Diameter d1 max.	Width Between Inner Plates b1 min.	Pin Diameter d2 max.	Pin Length L max.	Pin Length Lc max.	Inner Plate Depth h2 max	Plate Thickness T max	Ultimate Tensile Strength Q min kN/LB	Average Tensile Strength Q_0 kN	Weight Per Ft q lbs / ft
CA650F1	2.000	0.984	0.748	0.444	1.937	2.114	0.984	0.138/0.197	138.0/27273	140.0	1.98

American Standard (ANSI) Chain
S Type Steel Agricultural Chain Attachments

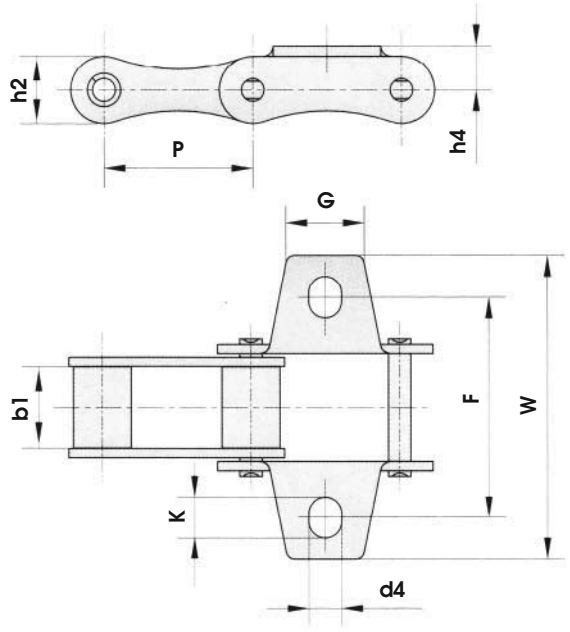


ANSI Chain No.	P	b1	h2	T	C	F	d4	K
S32SK1	1.150	0.625	0.520	0.071	0.681	1.031	0.209	0.272
S42SK1	1.375	0.750	0.780	0.110	0.929	1.350	0.327	0.453
S45SK1	1.630	0.875	0.681	0.110	0.780	1.189	0.327	0.453
S52SK1	1.500	0.875	0.681	0.110	0.870	1.252	0.327	0.390
S55SK1	1.630	0.875	0.681	0.110	0.780	1.189	0.327	0.453
S62SK1	1.650	1.031	0.681	0.098	0.969	1.520	0.327	0.579
S77SK1	2.297	0.875	1.031	0.157	1.429	1.969	0.327	0.453
S88SK1	2.609	1.125	1.031	0.157	1.720	2.189	0.327	0.390



ANSI Chain No.	P	b1	G	F	W	h4	d4
S52LK1	C204	1.000	0.309	1111	0.374	0.988	1.031

American Standard (ANSI) Chain
S Type Steel Agricultural Chain Attachments



ANSI Chain No.	P	b1	G	F	W	h4	d4	K	h2
S32K1	1.150	0.625	0.591	1.689	2.402	0.339	0.209	0.272	0.520
S32K1F1	1.150	0.625	0.591	1.689	2.402	0.339	0.256	0.319	0.520
S42K1	1.375	0.750	0.689	2.126	2.949	0.551	0.327	0.453	0.780
S45K1	1.630	0.875	0.866	2.126	2.953	0.449	0.335	0.461	0.681
S51K1	1.500	0.630	0.748	1.961	2.815	0.449	0.327	0.390	0.681
S52K1	1.500	0.875	0.748	2.315	3.071	0.449	0.327	0.390	0.681
S52K1F1	1.500	0.875	0.748	2.315	3.071	0.449	0.260	0.323	0.681
S55K1	1.630	0.875	0.866	2.126	2.953	0.449	0.335	0.461	0.681
S62K1	1.650	1.031	0.866	2.630	3.756	0.449	0.327	0.579	0.681
S62A2K1	1.650	1.031	0.866	2.626	3.760	0.496	0.327	0.579	0.681
S62F2K1	1.650	1.031	0.866	2.630	3.756	0.449	0.256	0.512	0.681
S77K1	2.297	0.875	0.984	3.000	4.016	0.819	0.327	0.453	1.031
S88K1	2.609	1.125	0.866	3.819	4.701	0.819	0.327	0.390	1.031

American Standard (ANSI) Special Roller Chain
Assembled To Order

To insure customers receive what they need, when they need it, procedures for ordering chains assembled-to-order are established as follows:

1) Quantity of lengths (pieces) of chain required.

2) Ametric® Chain number, ANSI Chain Number or ISO Chain Number.

If this information is not available, the following information is required.

Pitch
Inner width b_1
Width of inner link b_2
Roller or bush diameter
Transverse pitch e (only for multi-strand chain)
Strands (single, double, triple or quadruple)

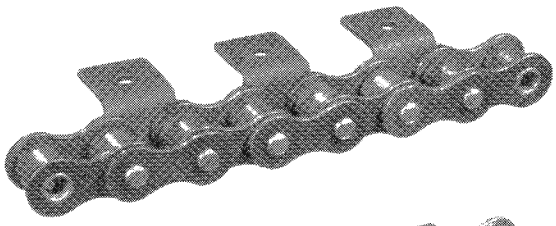
3) Length of chain in feet / meters, or number of links.

4) <u>Open ended</u> chain (for C.L., O.L. or H.L connection) or <u>endless</u> (riveted connection).

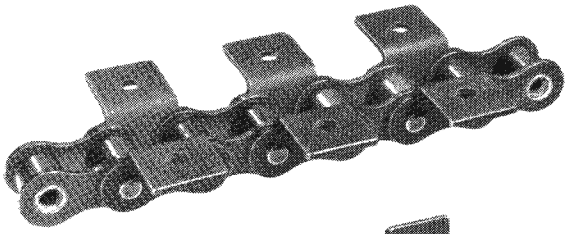
5) Attachment links, if required.

5a) Type of attachments.

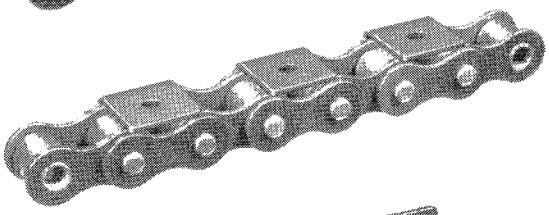
A1



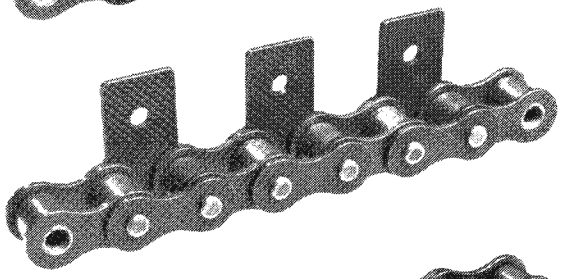
K



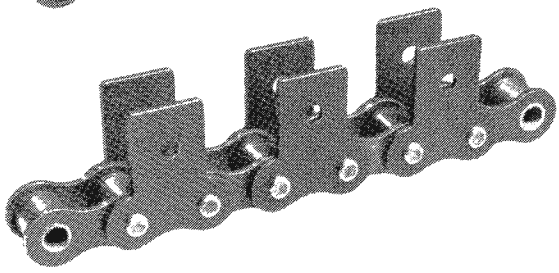
R



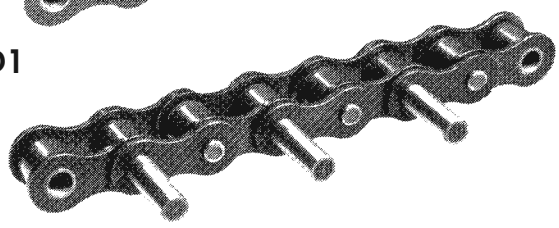
SA



SK



EP or D1



Double hole / pitch attachments A2, K2, SA2, SK2 and EP2 (not shown) also available.