



W.J. KEATING LIMITED

MINING CHAIN

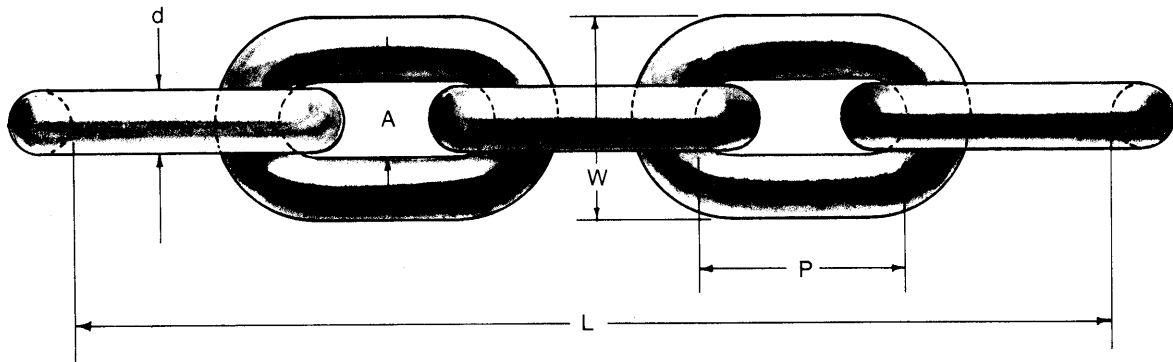


Table A

* CHAIN SIZE				PITCH				WIDTH					
Nominal Diameter d		Tolerance		Nominal P		Tolerance		Inside Minimum A		Outside Maximum W		MASS (Approx.)	
Metric	Inches	Metric	Inches	Metric	Inches	Metric	Inches	Metric	Inches	Metric	Inches	Kg/m	lb./ft.
14	0.550	±0.4	0.0157	50	1.97	±0.5	0.0197	17	0.669	48	1.890	3.9	2.62
18	0.709	±0.5	0.0197	64	2.52	±0.6	0.0236	21	0.827	60	2.360	6.5	4.37
20	0.788	±0.6	0.0236	80	3.15	±0.8	0.0315	23	0.906	67	2.638	7.7	5.17
22	0.866	±0.7	0.0275	86	3.38	±1.0	0.0394	26	1.024	75	2.953	9.5	6.38
24	0.945	±0.8	0.0315	86	3.38	±1.0	0.0394	28	1.103	79	3.110	11.6	7.78
26	1.024	±0.8	0.0315	92	3.62	±1.0	0.0394	31	1.220	87	3.425	13.6	9.12
30	1.181	±0.9	0.0350	108	4.25	±1.0	0.0394	35	1.378	99	3.897	18.0	12.07

*Information on special sizes available on request. Also, inquire about chain for special applications.



CONNECTING LINKS

Flat Connecting Links

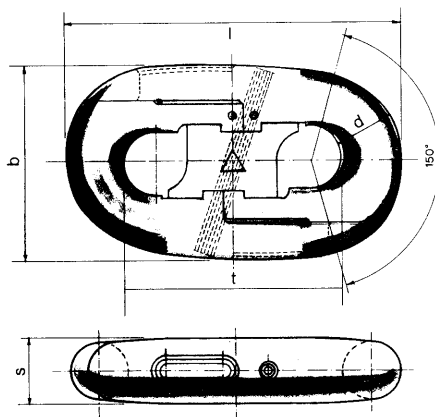


Table H

Nominal Size mm	d	t	b max.	l max.	S	Spiral Pin Size	Test Load kN	Unit Wt. ~ kg
18 × 64	18 ± 0.5	64 ± 0.6	62	101	20	6 × 60	320	0.63
22 × 86	22 ± 0.7	86 ± 0.9	82	132	26	8 × 75	480	1.35
24 × 86	24 ± 0.8	86 ± 0.9	84	136	29	8 × 80	570	1.50
24 × 87.5	24 ± 0.8	87.5 ± 0.9	84	137	29	8 × 80	570	1.50
26 × 92	26 ± 0.8	92 ± 1	94	146	30	8 × 90	640	1.90
30 × 108	30 ± 0.9	108 ± 1	107	171	36	8 × 100	850	3.00

Pan Connector Links

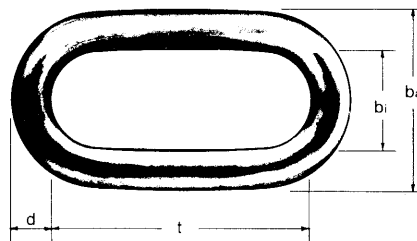


Table I

Nominal Size d mm	Pitch t mm	Inside Width b _i min. mm	Outside Width b _o max. mm	Weight kg
22	140	26	74	1.15
26	151	30	86	1.75
30	185	70	137	3.00



SHACKLES • CHAIN ASSEMBLIES

Shackles

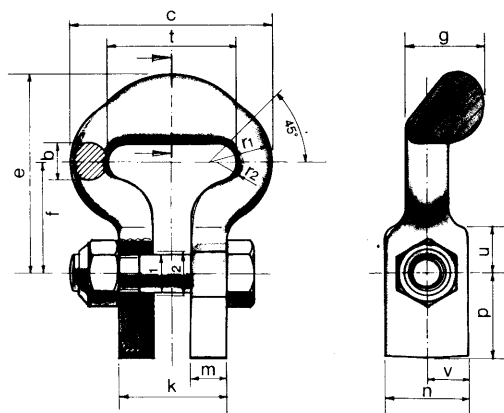


Table F

Nominal Size mm	b	t	c	d ₁	d ₂	e	f	g	k	m	n	p	r ₁	r ₂ min.	u max.	Weight ~ kg
14 × 50	14 ^{+1.5}	50 ¹	80	17 ^{+0.5}	M 16	78	51	29	47	14.5	32	17	24	7.5	17	0.6
18 × 64 19 × 64.5	19 ^{+1.5}	64 ^{±0.5}	103.5	21 ^{+0.5}	M 20	100	55	40	57	19	43	37	31	10.5	16	1.2
22 × 86	22 ⁺²	86 ²	134	25 ⁺¹	M 24	132	75	46	68	22	52	44	37.5	11.5	20	2.6

Twin Inboard Chain Assemblies

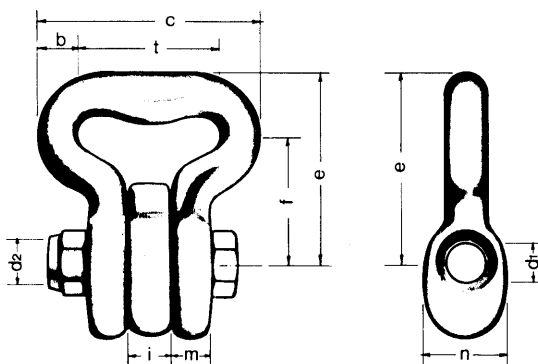
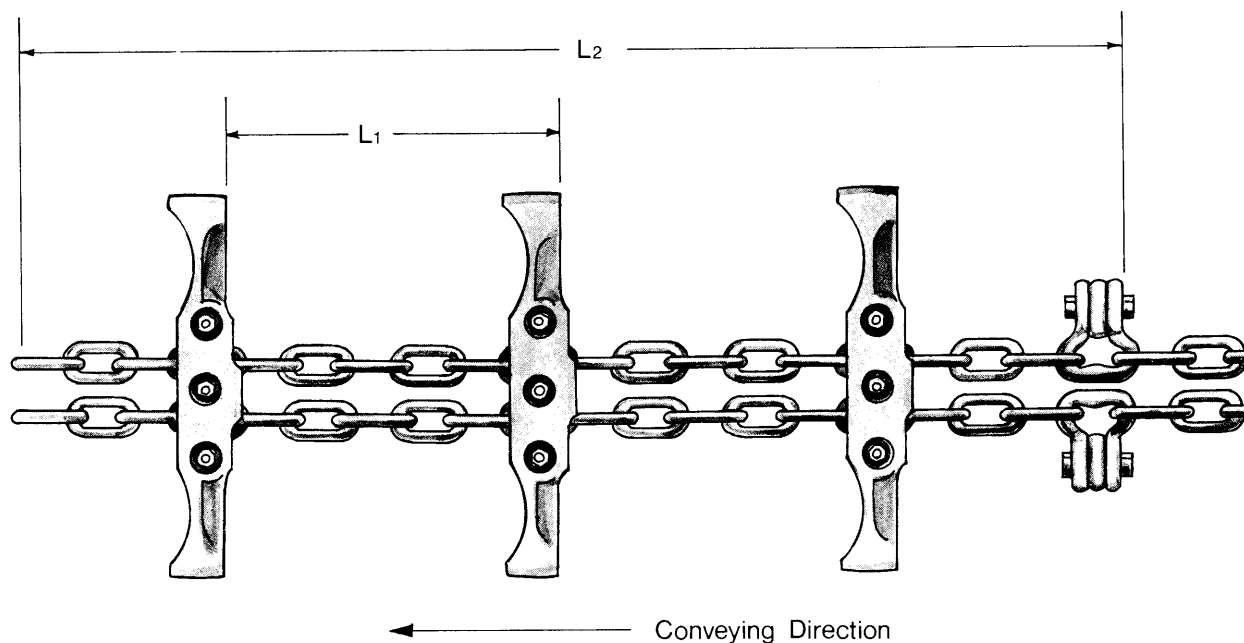


Table G

Nominal Chain Size mm	b	c	t	d ₁	e ± 2	f	i	m	n	d ₂	Weight kg
22 × 86	24.5 ^{+0.5}	132 ^{+1.5 1.0}	86 ^{±1}	24.5	117	78 ⁺¹	25 ^{+0.5}	24	52	M24	2.5
26 × 92	27 ⁺¹	146 ^{+1.5 1.0}	92 ^{±1}	31	126.5	85 ⁺¹	28 ^{+0.5}	26	58	M30	3.5



TWIN INBOARD CHAIN ASSEMBLIES



Double inboard strand assemblies can be made up at the factory, or in the field. Other assemblies may be engineered to suit individual situations. However, since careful and precise matching is required, factory assembly and repair is recommended.

Example: 12 sections of twin inboard assemblies 26 x 92mm, assembly length 22.5m. Grade C quality. Flight bar spacing at 1104mm.

Table D

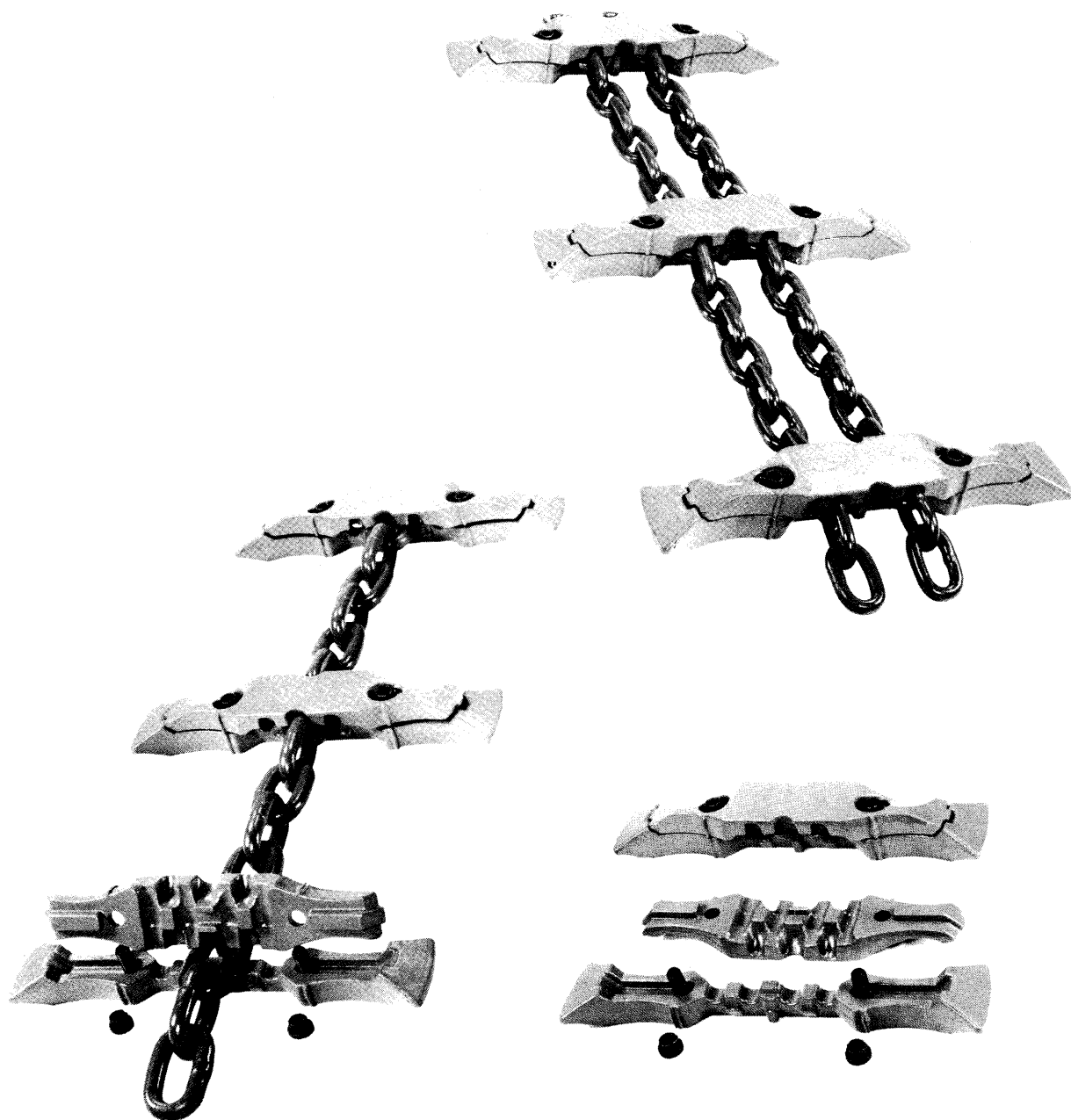
Nominal Chain Size	Number of Links	No. Connecting Links	Length L_2 mm	Flight Bar Spacing			Weight kg/m lbs./ft.	
				L_1 mm	No. of Bars	Bar Spacing (No. Links)		
22 x 86 mm	119	1	10,320	860	12	10	36.6	24.55
	119	1	10,320	1032	10	12	33.5	22.46
	239	1	20,640	860	24	10	36.6	24.55
	239	1	20,640	1032	20	12	33.5	22.46
26 x 92 mm	199	1	18,400	920	20	10	48.7	32.66
	249	1	23,000	920	25	10	48.7	32.66



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FLIGHT BAR ASSEMBLIES

Single and Double Inboard Combinations

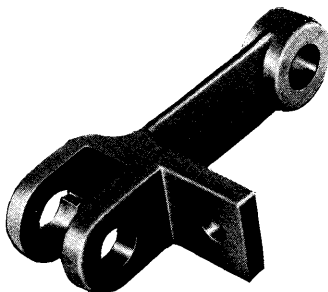
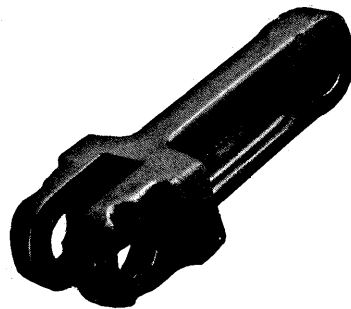
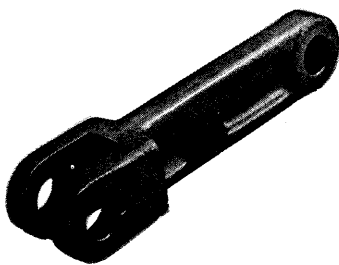




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CONVEYOR CHAINS WITH DROP FORGED LINKS

TYPICAL EXAMPLES



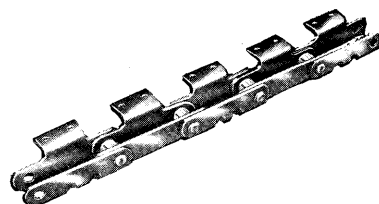
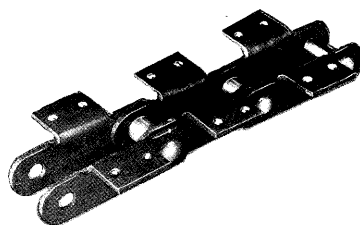
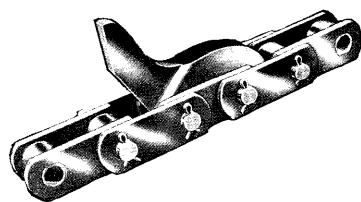
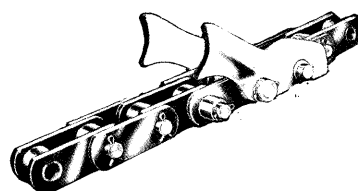
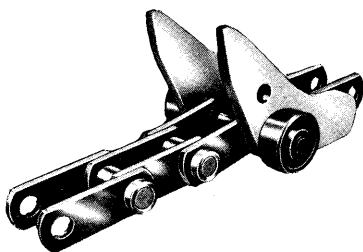
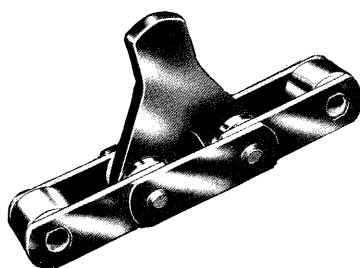
WRITE FOR COMPLETE DETAILS



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FLAT LINK CHAIN

TYPICAL EXAMPLES



WRITE FOR COMPLETE DETAILS