

CAN-AM CHAINS PRODUCTS



ENGLISH VERSION – IMPERIAL DIMENSIONS



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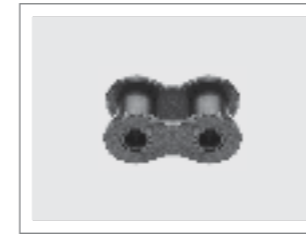
Connecting Link Spring Lock Type

The two pins and one link plate are furnished assembled. The standard coverplate is designed for a split-fit on the pins. It is held in place by a flat spring-steel lock, split at one end to permit installation in grooves at the end of each pin. Press-fit coverplates are also available and are recommended for heavy duty applications.



Connecting Link Cotter Pin Type

The two pins and one link plate are furnished assembled. The coverplate may be either press-fit or slip-fit on the pins. Press-fit connecting links are recommended for heavy duty applications. Press-fit coverplates are standard on multiple strand oil field chains.



Roller Link

Standard for all sizes of roller chains. They are furnished as complete roller link assemblies. The two bushings are press-fit in each of the link plates. The same roller link are used for single and multiple strand chains.



Single-Pitch Offset Link Slip-Fit Type

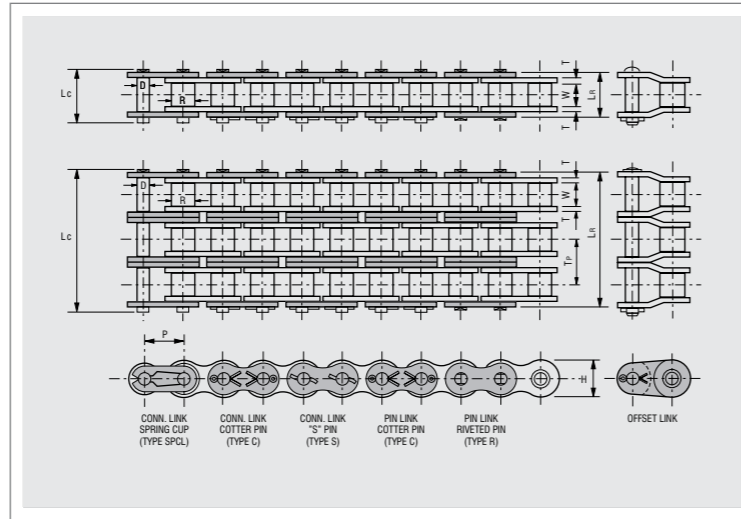
This link is furnished with slip-fit pin unassembled in the offset link plates. The flat milled on one end of the pin prevents it from turning in the link plate.



Two-Pitch Offset Assembly Press-Fit Type For Single Strand Chain Only

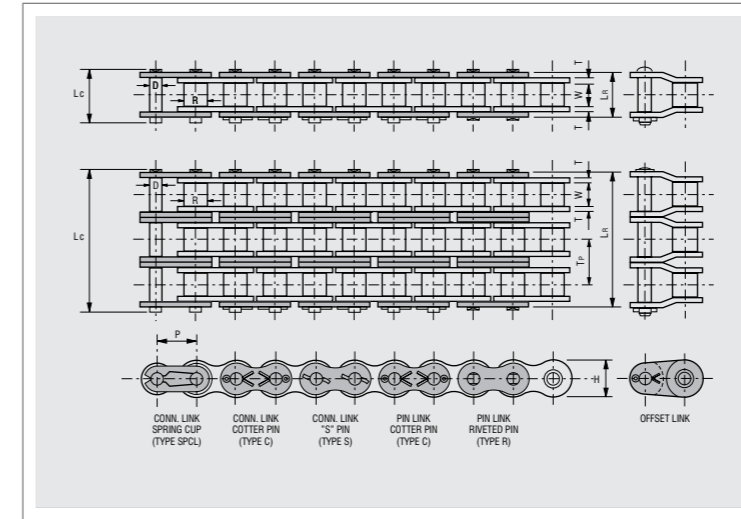
This type of assembly is available for all sizes of standard single strands chains, and consists of an offset link and roller link assembled together. The pin is press-fit in the offset link plates and is riveted. The press-fit construction of this assembly greatly increases its structural rigidity, reliability, and durability. For these reasons, the two-pitch offset link is recommended in preference to the single-pitch offset link.

Heavy Series chains, also built in accordance with ANSI B29.1, are designed using link plate material from next larger size chain. Heavy Series chain are not necessarily stronger than Standard Series chains, but the thicker link plate material provides an increase in fatigue resistance for those drives subjected to heavy shock loads, multiple stops/starts or reversing.



ANSI Number	Pitch		Roller Width	Roller Diameter	Pin Diameter	Plate Thickness	Lc	Lr	Tp	Average Weight	Average Tensile Strength
	P	W	R	D	T						
Inches											
										Lbs/Foot	Lbs
60H-1	3/4	1/2	0.469	0.234	0.125	1.240	1.170	-	1.18	8,500	
60H-2	3/4	1/2	0.469	0.234	0.125	2.270	2.200	1.028	2.33	17,000	
60H-3	3/4	1/2	0.469	0.234	0.125	3.310	3.240	1.028	3.47	25,500	
60H-4	3/4	1/2	0.469	0.234	0.125	4.340	4.260	1.028	4.61	34,000	
80H-1	1	5/8	0.625	0.312	0.156	1.570	1.450	-	2.05	14,500	
80H-2	1	5/8	0.625	0.312	0.156	2.840	2.720	1.283	3.93	29,000	
80H-3	1	5/8	0.625	0.312	0.156	4.140	4.020	1.283	5.92	43,500	
80H-4	1	5/8	0.625	0.312	0.156	5.420	5.300	1.283	7.87	58,000	
100H-1	1 1/4	3/4	0.750	0.375	0.187	1.860	1.740	-	2.82	24,000	
100H-2	1 1/4	3/4	0.750	0.375	0.187	3.410	3.280	1.539	5.58	48,000	
100H-3	1 1/4	3/4	0.750	0.375	0.187	4.950	4.820	1.539	8.32	72,000	
100H-4	1 1/4	3/4	0.750	0.375	0.187	6.490	6.370	1.539	11.04	96,000	

300 Series Stainless Chains are assembled entirely from 300 Series (austenitic) components. They have excellent corrosion resistance and very low magnetic permeability but cannot be expected to have same wear resistance of our heat treated stainless chains. For industries that required it, 300 Series chain can be considered "non-sparking".



American Standard

ANSI Number	Pitch		Roller Width	Roller Diameter	Pin Diameter	Plate Thickness	Lc	Lr	Tp	Average Weight	Average Tensile Strength
	P	W	R	D	T						
Inches											
										Lbs/Foot	Lbs
35-1SS	3/8	3/16	0.200	0.141	0.050	0.560	0.500	-	0.21	1,700	
40-1SS	1/2	5/16	0.312	0.156	0.060	0.720	0.670	-	0.41	3,000	
40-2SS	1/2	5/16	0.312	0.156	0.060	1.290	1.240	0.566	0.80	6,000	
41-1SS	1/2	1/4	0.306	0.141	0.050	0.650	0.570	-	0.28	1,700	
50-1SS	5/8	3/8	0.400	0.200	0.080	0.890	0.830	-	0.68	4,700	
50-2SS	5/8	3/8	0.400	0.200	0.080	1.600	1.550	0.713	1.31	9,500	
60-1SS	3/4	1/2	0.469	0.234	0.094	1.110	1.040	-	1.00	6,700	
60-2SS	3/4	1/2	0.469	0.234	0.094	2.010	1.940	0.897	1.94	13,600	
80-1SS	1	5/8	0.625	0.312	0.125	1.440	1.320	-	1.73	12,000	

* Chains are rollerless - dimensions shown is bushing diameter.

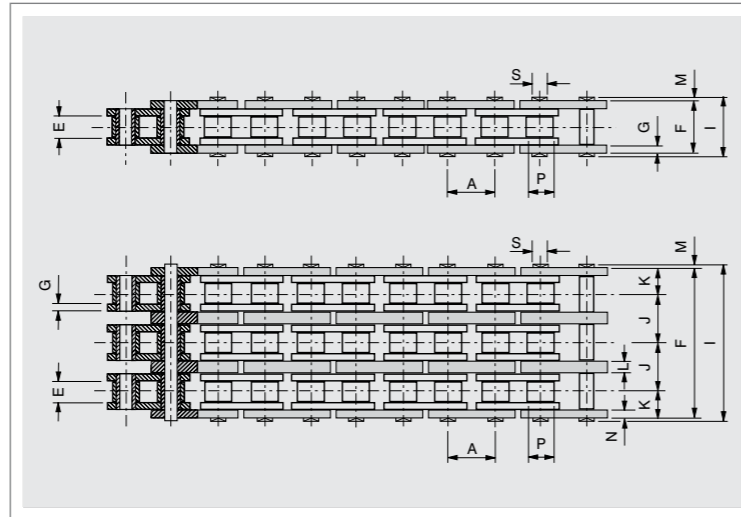
British Standard

ISO/DIN BS Number	Pitch	Roller Width	Roller Diameter	Plate Height	Pin Diameter	Lc	Lr	Tp	Average Weight	Average Tensile Strength	
	P	W	R	H	D						
Inches											
									Lbs/Foot	Lbs	
05B-1SS	5/16	0.118	0.197	0.280	0.091	0.461	0.339	-	0.26	790	
06B-1SS	3/8	0.225	0.250	0.323	0.129	0.661	0.531	-	0.30	1,500	
06B-2SS	3/8	0.225	0.250	0.323	0.129	1.067	0.937	0.403	0.50	2,400	
06B-3SS	3/8	0.225	0.250	0.323	0.129	1.469	1.339	0.403	0.75	4,000	
08B-1SS	1/2	0.305	0.335	0.465	0.175	0.823	0.669	-	0.47	2,700	
08B-2SS	1/2	0.305	0.335	0.465	0.175	1.374	1.220	0.548	0.94	4,900	
08B-3SS	1/2	0.305	0.335	0.465	0.175	1.921	1.768	0.548	0.88	7,900	
10B-1SS	5/8	0.380	0.400	0.579	0.200	0.933	0.772	-	0.62	3,400	
10B-2SS	5/8	0.380	0.400	0.579	0.200	1.587	1.425	0.653	2.02	6,400	
10B-3SS	5/8	0.380	0.400	0.579	0.200	2.240	2.079	0.653	1.20	9,600	
12B-1SS	3/4	0.460	0.475	0.634	0.225	1.075	0.894	-	0.75	3,800	
12B-2SS	3/4	0.460	0.475	0.634	0.225	1.843	1.661	0.766	1.49	8,400	
12B-3SS	3/4	0.460	0.475	0.634	0.225	2.610	2.429	0.766	1.49	11,300	
16B-1SS	1	0.670	0.625	0.827	0.326	1.634	1.421	-	1.74	9,000	
16B-2SS	1	0.670	0.625	0.827	0.326	2.890	2.677	1.255	3.41	16,700	
16B-3SS	1	0.670	0.625	0.827	0.326	4.146	3.933	1.255	3.38	26,400	

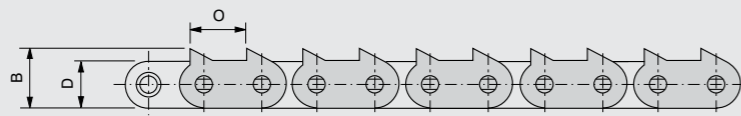
All Can-Am Sharp Top Chains exceed ANSI and BRITISH STANDARDS and are exact replacements for new and existing Sharp Top Roller Chain applications. Can-Am Chain is competitively priced and readily available for any standard applications. Custom designed systems are also available.

Can-Am Sharp Top Roller Chain Features:

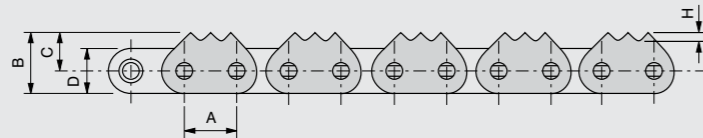
- Fine blanked side plates
- Heat treated shot peened bushing and plates for higher fatigue strength
- Triple alloy steel rivet pins with heavy case depth
- Ballized bushed plates for uniform hole size
- Heavy pressed fit for pins and bushings
- Factory lubricated for extended chain life
- Optional Induction hardened teeth
- Optional machined bottom



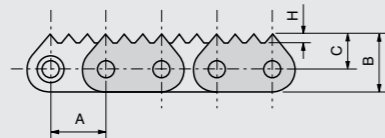
2-POINT (SLL) SERIES – "SLASHER LOW PROFILE"



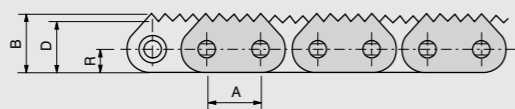
3-POINT (ST) SERIES



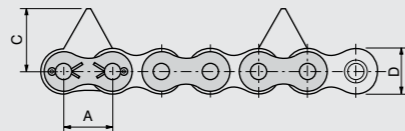
4 PEP – (4 POINT EVERY PITCH)



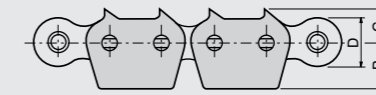
5 PEP SERIES – (5 POINT EVERY PITCH)



W4P SERIES – WAFERIZER CHAIN



160-1-DP SERIES, 32B-1 SERIES Narrow Series, 32B-1 SERIES Standard Series



AMERICAN STANDARD

Chain Number	Inches																		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	
60-1 ST	3/4	0.850	0.512	0.689	0.500	0.878	0.094	0.094	1.000	-	-	-	-	-	-	-	-	-	
60-2 ST	3/4	0.854	0.510	0.685	0.500	1.774	0.094	0.094	1.900	0.898	0.500	-	-	-	-	-	-	-	
80-1 ST	1	1.140	0.685	0.914	0.622	1.130	0.125	0.125	1.275	-	-	-	-	-	-	-	-	-	
80-2 ST	1	1.140	0.685	0.914	0.625	2.310	0.125	0.125	2.420	1.153	0.630	0.249	-	-	-	-	-	-	
80-3 ST	1	1.140	0.685	0.914	0.625	3.460	0.125	0.126	3.580	1.153	0.650	0.250	-	-	-	-	-	-	
80-4 ST	1	1.140	0.685	0.914	0.625	4.614	0.125	0.126	4.740	1.153	0.645	0.250	-	-	-	-	-	-	
100-1 ST	1 1/4	1.325	0.750	1.142	0.711	1.374	0.156	0.125	1.544	-	-	-	-	-	-	-	-	-	
100-2 ST	1 1/4	1.325	0.715	1.147	0.750	2.805	0.156	0.125	2.953	1.409	0.772	0.310	-	-	-	-	-	-	
100-3 ST	1 1/4	1.325	0.754	1.147	0.750	4.200	0.156	0.126	4.362	1.409	0.772	0.310	-	-	-	-	-	-	
120-1 ST	1 1/2	1.594	0.909	1.370	1.000	1.750	0.187	0.125	1.942	-	-	-	-	-	-	-	-	-	
120-2 ST	1 1/2	1.594	0.909	1.370	1.000	3.300	0.187	0.125	3.729	1.787	0.970	0.410	-	-	-	-	-	-	
120-4 ST	1 1/2	1.594	0.909	1.370	1.000	7.150	0.187	0.125	7.303	1.787	0.970	0.410	-	-	-	-	-	-	
80-1 SLL	1	1.162	-	0.921	0.625	1.346	0.125	-	1.346	-	-	-	0.060	0.156	1.000	-	-	-	
80-2 SLL	1	1.162	-	0.921	0.625	2.367	0.125	-	-	1.153	-	0.250	0.060	0.156	1.000	-	-	-	
80-3 SLL	1	1.162	-	0.921	0.625	3.520	0.125	-	-	1.153	-	0.250	0.060	0.156	1.000	-	-	-	
80-4 SLL	1	1.162	-	0.921	0.625	4.673	0.125	-	-	1.153	-	0.250	0.060	0.156	1.000	-	-	-	
100-1 SLL	1 1/4	1.402	-	1.183	0.750	-	0.157	-	1.598	-	-	-	0.189	-	0.750	0.059	-	-	
100-2 SLL	1 1/4	1.402	-	1.183	0.750	-	0.157	-	3.087	1.408	-	0.305	-	0.189	-	0.750	0.059	-	
100-3 SLL	1 1/4	1.402	-	1.183	0.750	4.422	0.157	-	-	1.408	-	0.305	-	0.189	-	0.750	0.059	-	
80-2 (5 PEP)	1	1.142	-	1.028	0.625	2.299	0.125	-	-	1.153	-	0.250	0.060	0.125	-	0.000	0.457	-	
80-3 (5 PEP)	1	1.142	-	1.028	0.625	3.460	0.125	-	-	1.153	-	0.250	0.060	0.125	-	-	0.457	-	
80-4 (5 PEP)	1	1.142	-	1.028	0.625	4.641	0.125	-	-	1.153	-	0.250	0.060	0.125	-	-	0.457	-	
80-3-W2P	1	-	1.250	0.920	0.625	-	0.125	-	3.693	1.150	0.709	-	-	-	-	-	-	-	
80-3-W4P	1	-	1.250	0.920	0.625	-	0.125	-	3.693	1.150	0.709	-	-	-	-	-	-	-	
160-1-DP	2	-	1.301	1.850	1.250	2.295	0.250	-	-	-	-	-	0.100	0.250	-	1.125	1.772	0.562	
80-2-4 PEP	1	1.043	0.630	-	0.625	2.307	0.125	0.150	2.426	1.152	-	0.250	0.060	0.126	-	-	-	-	

BRITISH STANDARD – 5 PEP SERIES

Chain Number	Inches							
	A	B	D	E	F	I	J	P
12B-1	3/4	0.831	0.486	0.461	0.894	1.075	-	0.476
12B-2	3/4	0.831	0.486	0.461	1.661	1.823	0.768	0.476
16B-1	1	1.043	0.831	0.669	1.319	1.531	-	0.669
16B-2	1	1.043	0.831	0.669	2.677	2.890	1.255	0.669
20B-1	1 1/4	1.291	1.040	0.772	1.701	1.941	-	0.772
20B-2	1 1/4	1.291	1.040	0.772	3.138	3.378	1.435	0.772
24B-1	1 1/2	1.516	1.315	1.000	2.102	2.362	-	1.000
24B-2	1 1/2	1.516	1.315	1.000	4.008	4.268	1.904	1.000

BRITISH STANDARD – 32B-1 SERIES NARROW AND STANDARD SERIES

Chain Number	mm					
	A	C	D	E	P	R
32B-1 Narrow	2	1.181	1.614	0.670	1.150	1.771
32B-1 Standard	2	1.181	1.614	1.220	1.150	1.771

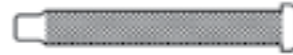


SIDE BAR



THROUGH HARDENED 32-36 Rc
INDUCTION HARDENED 48-55 Rc

RIVET



INDUCTION HARDENED ZONE - .100 DEEP
50-55 Rc

BARREL



INDUCTION HARDENED ZONE 40-45 Rc

Due to increasing demand from our customers and our commitment to serving the industry, we have broadened our selection base and to achieve this effectively, we have adopted the following National Standard Chain Designation:

WR – Welded steel chain c/w heat treated rivets

WH – Welded steel chain – fully heat treated

WHIBR – Fully heat treated plus further Induction Hardened Barrels & Rivets

WHIBRS – Same as IBR plus sidebar wear surfaces

WD – Welded steel drag chain

XHD – Extra heavy duty

CS – Cast steel barrel

NOTE: Unless otherwise specified (quoted) welded steel chains are always supplied in 10 ft. lengths.

THROUGH HEAT TREATING & INDUCTION HARDENING

(IBR) denotes fully heat treated & induction hardened barrels & rivets.

(IBRS) denotes fully heat treated & induction hardened barrels, rivets & side bars.

Used individually or combined the two types of heat treating CAN-AM chain can dramatically increase chain life.

IMPACT & STRENGTH

Through heat treated chain (to the proper hardness) will improve impact and ultimate strength.

WEAR

In a non-abrasive environment heat treated chain will give up to 50% greater wear life. Reduction of elongation of side bar holes can be assisted by induction hardening the hole perimeter.

In a non-abrasive environment, induction hardened chain will give several times greater wear life.

NOTE: Individual situations may vary wear life!

Induction hardening depth and Rc range will vary to suit thickness of material, diameter of rivets and particular applications.

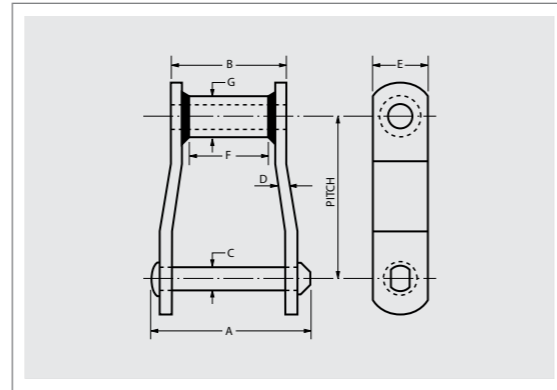
HEAT TREATED AND INDUCTION HARDENED CHAIN

CAN-AM welded steel chains are available from stock with fully heat treated parts and/or induction hardened parts. For maximum chain life in severe applications including heavy impact loading, high speed requirements, capacity loads, or abrasive conditions, some or all of your CAN-AM chain will benefit from specific heat treatment.

OFFSET SIDEBAR WELDED STEEL CHAIN

CAN-AM WELDED STEEL CHAINS provide an economical and superior method for conveying most materials. They are most common in the lumber, pulp and paper, plywood, OSB and other board mills, bucket elevator and bulk material handling.

For higher impact strength and greater wear resistance, use fully heat treated or induction hardened chain.

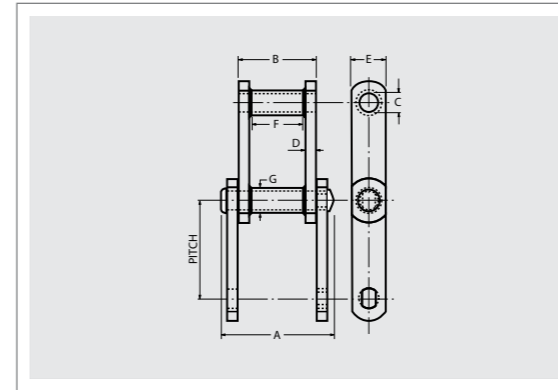


Chain Number	Pitch	Ultimate Strength	Allowable Working Load	Links	Average Weight	Approx. Overall Width	Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Approx. Tooth Face at Pitch Line	Outside Barrel Dia.							
													A	B	C	D	E	F	G
													Inches						
WR-78	2.609	27,000	4,500	4.6	4.3	3	2	1/2	1/4	1 1/4	1	0.840							
WH-78	2.609	33,000	5,500	4.6	4.3	3	2	1/2	1/4	1 1/4	1	0.840							
WR-78-4	4.000	27,000	4,500	3.0	3.5	3	2	1/2	1/4	1 1/4	1	0.840							
WR-82	3.075	30,000	5,000	3.9	4.7	3 3/8	2 1/4	9/16	1/4	1 1/4	1 1/8	1							
WH-82	3.075	36,000	6,000	3.9	4.7	3 3/8	2 1/4	9/16	1/4	1 1/4	1 1/8	1							
WR-124	4.000	50,400	8,200	3.0	7.8	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4							
WH-124	4.000	57,000	9,500	3.0	7.8	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4							
WR-111	4.760	50,400	9,500	2.5	8.6	4 13/16	3 3/8	3/4	3/8	1 3/4	1 3/4	1 1/4							
WH-111	4.760	60,000	12,000	2.5	8.6	4 13/16	3 3/8	3/4	3/8	1 3/4	1 3/4	1 1/4							
WR-106	6.000	50,400	8,200	2.0	6.2	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4							
WH-106	6.000	60,000	12,000	2.0	6.2	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4							
WR-132	6.050	85,500	14,100	2.0	14.1	6 3/8	4 13/32	1	1/2	2	2 3/4	1 3/4							
WH-132	6.050	122,000	20,300	2.0	14.1	6 3/8	4 13/32	1	1/2	2	2 3/4	1 3/4							
WR-150	6.050	120,000	19,000	2.0	16.3	6 1/2	4 13/32	1	1/2	2 1/2	2 3/4	1 3/4							
WH-150	6.050	122,000	20,300	2.0	16.3	6 1/2	4 13/32	1	1/2	2 1/2	2 3/4	1 3/4							
WR-155	6.050	148,000	22,000	2.0	19.0	6 13/32	4 7/16	1 1/8	9/16	2 1/2	2 3/4	1 3/4							
WH-155	6.050	175,000	29,000	2.0	19.0	6 13/32	4 7/16	1 1/8	9/16	2 1/2	2 3/4	1 3/4							
WR-157	6.050	148,000	22,000	2.0	20.0	6 3/4	4 5/8	1 1/8	5/8	2 1/2	2 3/4	1 3/4							
WH-157	6.050	175,000	29,000	2.0	20.0	6 3/4	4 5/8	1 1/8	5/8	2 1/2	2 3/4	1 3/4							
WR-159	6.125	185,000	28,000	2.0	26.0	6 3/4	4 5/8	1 1/4	5/8	3	2 3/4	1.900							
WH-159	6.125	210,000	32,000	2.0	26.0	6 3/4	4 5/8	1 1/4	5/8	3	2 3/4	1.900							
WR-200	6.125	185,000	28,000	2.0	22.1	6 3/4	4 5/8	1 1/4	5/8	2 1/2	2 3/4	1.900							
WH-200	6.125	190,000	32,000	2.0	22.1	6 3/4	4 5/8	1 1/4	5/8	2 1/2	2 3/4	1.900							

All of the above CAN-AM chains are standard with heat treated rivets. For WH144 and WH166, please refer to OSB Chains, page 38. Note: For extra heavy duty chains see page 16.

STRAIGHT SIDEBAR WELDED STEEL CHAIN

CAN-AM WELDED STEEL C CLASS CHAINS provide easy access for welding attachments to CAN-AM Steel chain, especially for field welding.

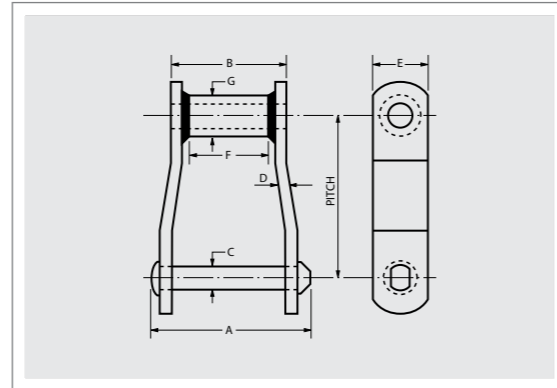


Chain Number	Pitch	Ultimate Strength	Allowable Working Load	Links	Average Weight	Approx. Overall Width	Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Approx. Tooth Face at Pitch Line	Outside Barrel Dia.							
													A	B	C	D	E	F	G
													Inches						
WRC78	2.609	27,000	4,500	4.6	4.3	3	2	1/2	1/4	1 1/4	1	0.840							
WHC78	2.609	27,000	4,500	4.6	4.3	3	2	1/2	1/4	1 1/4	1	0.840							
WRC82	3.075	30,000	5,000	3.9	3.5	3 3/8	2 1/4	9/16	1/4	1 1/4	1	0.840							
WHC82	3.075	30,000	5,000	3.9	3.5	3 3/8	2 1/4	9/16	1/4	1 1/4	1	0.840							
WRC131*	3.075	50,400	8,400	3.9	6.8	3 9/16	2	3/4	3/8	1 1/2	1	1 1/4							
WHC131*	3.075	50,400	8,400	3.9	6.8	3 9/16	2	3/4	3/8	1 1/2	1	1 1/4							
WRC124	4.000	50,400	8,400	3.0	7.8	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4							
WHC124	4.000	50,400	8,400	3.0	7.8	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4							
WRC111	4.760	50,400	8,400	2.5	8.6	4 13/16	3 3/8	3/4	3/8	1 3/4	1 3/4	1 1/4							
WHC111	4.760	50,400	8,400	2.5	8.6	4 13/16	3 3/8	3/4	3/8	1 3/4	1 3/4	1 1/4							
WRC110	6.000	50,400	8,400	2.0	7.2	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4							
WHC110	6.000	50,400	8,400	2.0	7.2	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4							
WRC132	6.050	85,500	14,100	2.0	14.1	6 1/2	4 13/32	1	1/2	2	2 3/4	1 3/4							
WHC132	6.050	85,500	14,100	2.0	14.1	6 1/2	4 13/32	1	1/2	2	2 3/4	1 3/4							
WRC150	6.050	120,000	19,000	2.0	16.3	6 1/2	4 13/32	1	1/2	2 1/2	2 3/4	1 3/4							
WHC150	6.050	120,000	19,000	2.0	16.3	6 1/2	4 13/32	1	1/2	2 1/2	2 3/4	1 3/4							
WRC157	6.050	125,000	22,000	2.0	21.0	6 3/4	4 5/8	1 1/8	5/8	2 1/2	2 3/4	1 3/4							
WHC157	6.050	125,000	22,000	2.0	21.0	6 3/4	4 5/8	1 1/8	5/8	2 1/2	2 3/4	1 3/4							

*Fits in 4" channel

EXTRA HEAVY-DUTY WELDED STEEL CHAIN

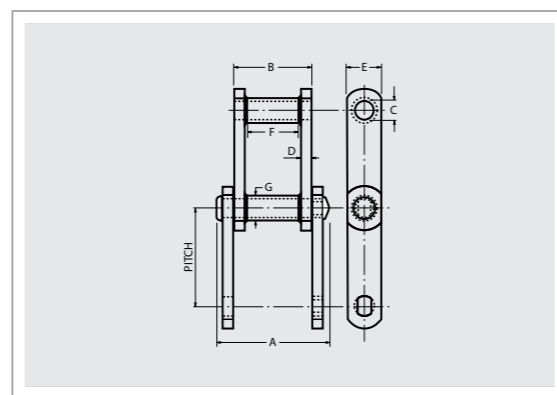
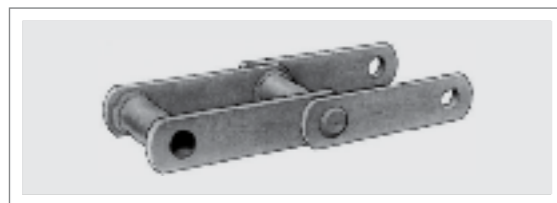
CAN-AM EXTRA HEAVY DUTY WELDED STEEL CHAINS provide higher ultimate strength, superior impact resistance and longer life than standard chains. The CAN-AM Tough Guy features include: greater impact capabilities, higher ultimate strength and larger wearing surface.



Chain Number	Pitch	Ultimate Strength	Allowable Working Load	Links	Average Weight	Approx. Overall Width	Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Approx. Tooth Face at Pitch Line	Outside Barrel Dia.
						A	B	C	D	E	F	G
						Inches						
WR-78XHD*	2.636	36,000	6,000	4.6	6.3	3 3/8	2	9/16	3/8	1 1/4	1	1
WH-78XHD*	2.636	36,000	6,000	4.6	6.3	3 3/8	2	9/16	3/8	1 1/4	1	1
WR-82XHD	3.075	50,400	8,400	3.9	8.5	3 3/4	2 3/8	3/4	3/8	1 1/2	1 1/8	1 1/4
WH-82XHD	3.075	57,000	9,500	3.9	8.5	3 3/4	2 3/8	3/4	3/8	1 1/2	1 1/8	1 1/4
WR-124XHD	4.063	85,000	14,200	3.0	14.6	4 7/8	3	1	1/2	2	1 1/2	1 5/8
WH-124XHD	4.063	122,000	20,400	3.0	14.6	4 7/8	3	1	1/2	2	1 1/2	1 5/8
WR-106XHD	6.050	85,000	14,200	2.0	11.8	4 7/8	3	1	1/2	2	1 1/2	1 3/4
WH-106XHD	6.050	122,000	20,400	2.0	11.8	4 7/8	3	1	1/2	2	1 1/2	1 3/4
WR-132XHD	6.050	120,000	20,000	2.0	15.3	6 3/4	4 21/32	1	5/8	2	2 3/4	1 3/4
WH-132XHD	6.050	122,000	20,400	2.0	15.3	6 3/4	4 21/32	1	5/8	2	2 3/4	1 3/4

*Fits in 4" channel

C TYPE EXTRA HEAVY DUTY CHAIN

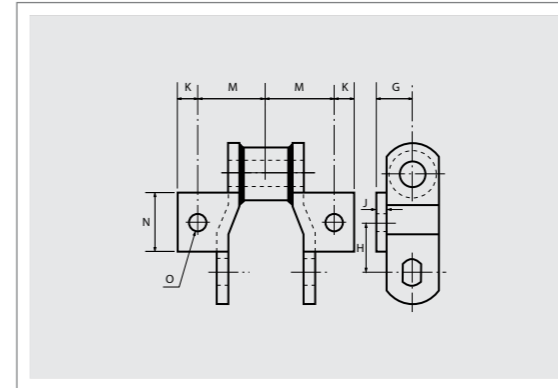


Chain Number	Pitch	Ultimate Strength	Allowable Working Load	Links	Average Weight	Approx. Overall Width	Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Approx. Tooth Face at Pitch Line	Outside Barrel Dia.
						A	B	C	D	E	F	G
						Inches						
WRC82XHD	3.075	57,000	9,500	3.9	8.3	3 3/4	2 3/8	3/4	3/8	1 1/2	1 1/8	1 1/4
WHC82XHD	3.075	57,000	9,500	3.9	8.3	3 3/4	2 3/8	3/4	3/8	1 1/2	1 1/8	1 1/4
WRC124XHD	4.063	85,000	14,200	3.0	14.6	4 7/8	3	1	1/2	2	1 1/2	1 5/8
WHC124XHD	4.063	122,000	20,400	3.0	14.6	4 7/8	3	1	1/2	2	1 1/2	1 5/8
WRC110XHD	6.050	85,000	14,200	2.0	11.8	4 7/8	3	1	1/2	2	1 1/2	1 3/4
WHC110XHD	6.050	122,000	20,400	2.0	11.8	4 7/8	3	1	1/2	2	1 1/2	1 3/4
WRC132XHD	6.050	120,000	20,000	2.0	15.3	6 3/4	4 21/32	1	5/8	2	2 3/4	1 3/4
WHC132XHD	6.050	122,000	20,400	2.0	15.3	6 3/4	4 21/32	1	5/8	2	2 3/4	1 3/4

The following pages detail some of the standard mill chain attachments that we manufacture. CAN-AM CHAINS has also manufactured thousands of special attachments in conjunction with our customers, to solve specific conveying problems. In many cases these design changes have resulted in a substantial increase in the chain's overall service life and in some cases as much as a three (3) times increase.

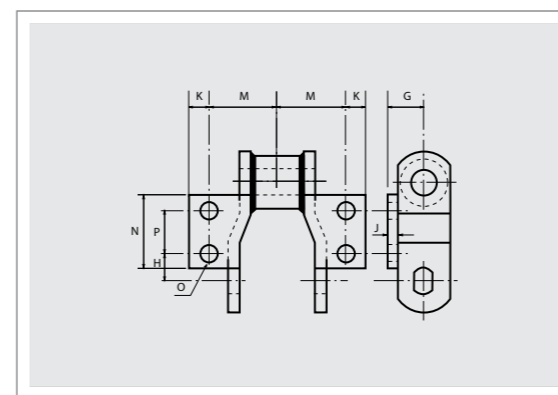
We are problem solvers. Challenge us to perform for you!

K1 ATTACHMENTS AND A1 ATTACHMENTS (IF ONE SIDE)



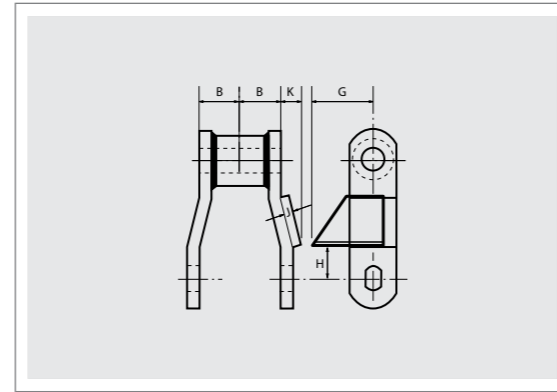
Chain Number	G	H	J	K	M	N	Bolt Size O
	Inches						
WR-78	7/8	1 1/4	1/4	1/2	2	1 1/4	3/8
WR-78HD(X)	7/8	1 1/4	1/4	1/2	2	1 1/4	3/8
WR-82	7/8	1 1/2	1/4	5/8	2 3/8	1 3/4	3/8
WR-82XHD	1 1/8	1 1/2	3/8	5/8	2 3/8	1 3/4	3/8
WR-124	1 1/8	2	3/8	5/8	2 5/8	1 3/4	3/8
WR-124XHD	1 1/2	2	1/2	3/4	2 5/8	1 3/4	1/2
WR-111	1 1/4	2 1/8	3/8	5/8	3 1/8	1 3/4	3/8
WR-132	1 1/2	3	1/2	7/8	3 3/4	2	1/2
WR-132HD(X)	1 1/2	3	1/2	7/8	3 3/4	2	1/2

K2 ATTACHMENTS AND A2 ATTACHMENTS (IF ONE SIDE)



Chain Number	G	H	J	K	M	N	P	Bolt Size O
	Inches							
WR-78	7/8	13/16	1/4	1/2	2	2 1/8	1 1/8	3/8
WR-78HD(X)	7/8	13/16	1/4	1/2	2	2 1/8	1 1/8	3/8
WR-82	7/8	1/2	1/4	5/8	2 1/8	2 1/4	1 1/4	3/8
WR-82XHD	1 1/8	1/2	3/8	5/8	2 3/8	2 1/4	1 1/4	3/8
WR-124	1 1/8	7/8	3/8	5/8	2 5/8	3	1 15/16	3/8
WR-124XHD	1 1/2	7/8	1/2	3/4	2 5/8	4	1 15/16	1/2
WR-111	1 1/4	1	3/8	3/4	3 1/8	4	2 5/16	3/8
WR-132	1 1/2	1 5/8	1/2	3/4	3 3/4	4 1/4	2 3/4	1/2
WR-132HD(X)	1 1/2	1 5/8	1/2	7/8	3 3/4	4 1/4	2 3/4	1/2
WR-150	1 3/4	1 5/8	1/2	7/8	3 3/4	4 1/4	2 3/4	1/2

R2 ATTACHMENTS

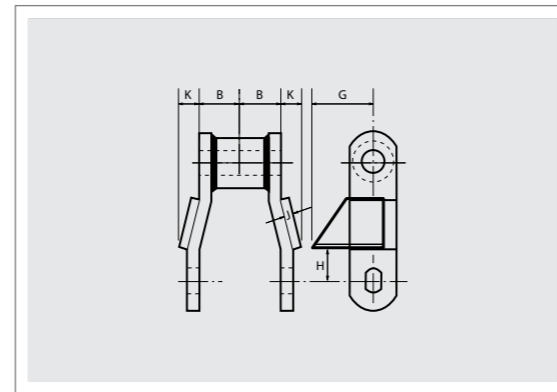


Chain Number	B	G	H	J	K	Average Weight Lbs/Foot
	Inches					
WR-78	1	1 9/16	1	1/4	1/2	4.4
WR-78HD(X)	1 1/8	1 9/16	1	3/8	5/8	7.5
WR-82	1 1/8	1 3/4	13/16	1/4	1/2	6.0

RR-1 Attachments are similar except travel is narrow end forward. (Point direction is reversed.)

RR-2 ATTACHMENTS

RR Attachments available on all chains

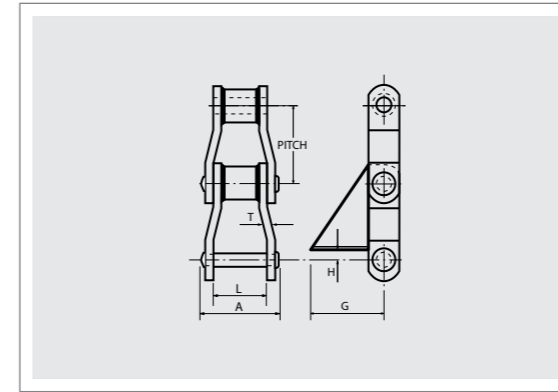


Chain Number	B	G	H	J	K	Average Weight Lbs/Foot
	Inches					
WR-78	1	1 9/16	1	1/4	1/2	4.8
WR-78HD(X)	1 1/8	1 9/16	1	3/8	5/8	8.0
WR-82	1 1/8	1 3/4	13/16	1/4	1/2	6.5
WR-82XHD	1 3/16	2 1/16	13/16	3/8	3/4	8.5
WR-124	1 3/8	1 7/8	1 1/2	3/8	3/4	9.3
WR-132	2 13/64	2 1/2	1 1/2	1/2	7/8	16.0

RR-1 Attachments are similar except travel is narrow end forward. (Point direction is reversed.)

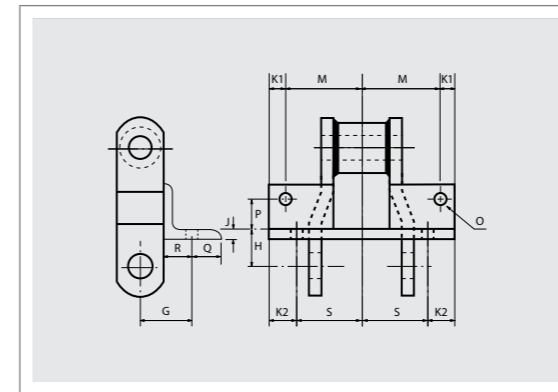
S1 ATTACHMENTS

- Weld on type supplied unless integral is specified (Quoted)
- WRC specifications as stated



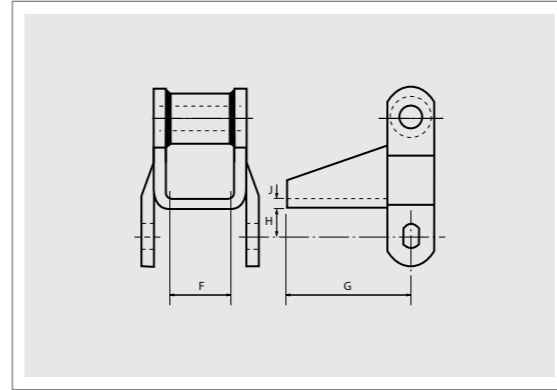
Chain Number	A	G	H	L	T	Average Weight Lbs/Foot
	Inches					
WR-124	4 1/4	3 3/4	1	3 5/8	3/8	17.4
WR-111	4 13/16	4	1	4 3/16	3/8	18.3
WR-106	4 1/4	3 3/4	1	3 5/8	3/8	16.1
WR-124XHD	4 7/8	3 3/4	1 9/32	4 1/8	1/2	26.0
WR-132	6 1/4	5	1 9/32	5 9/32	1/2	18.0
WR-150	6 1/4	5 1/2	1 9/32	5 9/32	1/2	20.0

F4 ATTACHMENTS



Chain Number	G	H	J	K1	K2	M	P	Q	R	S	Average Weight Lbs/Foot	Bolt Size O Inches
	Inches											
WR-78	1 3/4	1	1/4	1/2	7/8	2 1/4	15/16	5/8	1 1/8	1 7/8	8.3	3/8
WR-78XHD	1 3/4	1	1/4	1/2	7/8	2 1/4	15/16	5/8	1 1/8	1 7/8	9.9	3/8
WR-82	1 13/16	1 1/4	1/4	7/16	7/8	2 1/2	1 1/8	13/16	1 3/16	2 1/16	8.9	3/8
WR-82XHD	2 1/16	1 1/4	3/8	1/2	1 1/16	2 1/2	1 1/8	1 1/16	1 3/16	2 1/16	12.5	3/8
WR-124	2 1/16	1 5/32	3/8	1/2	1 1/16	2 5/8	1 1/16	1 1/16	1 5/16	2 1/16	11.6	3/8

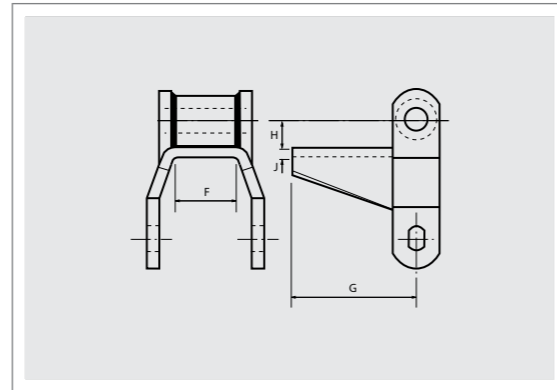
H1 ATTACHMENTS



Chain Number	F	G	H	J	Average Weight Lbs/Foot
	Inches				
WR-78	1 1/2	3 5/8	1/2	3/16	6.6
WR-78XHD	1 1/2	3 5/8	1/2	3/16	9.5
WR-82	1 3/4	3 5/8	5/8	3/16	8.9
WR-82XHD	1 3/4	3 7/8	5/8	3/16	12.1

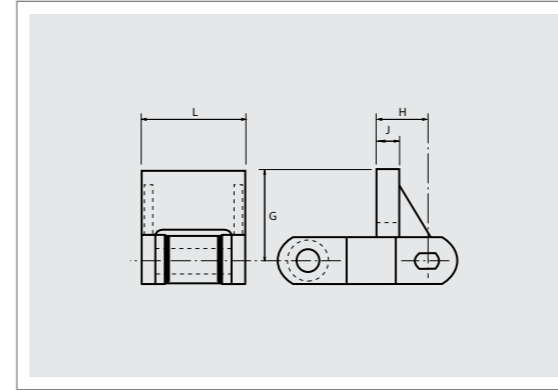
Note: H1 Also fits 8DX

H2 ATTACHMENTS



Chain Number	F	G	H	J	Average Weight Lbs/Foot
	Inches				
WR-78	1 1/2	3 5/8	1/2	3/16	6.6
WR-78XHD	1 1/2	3 5/8	1/2	3/16	9.5
WR-82	1 3/4	3 5/8	5/8	3/16	8.9
WR-82XHD	1 3/4	3 7/8	5/8	3/16	12.1

RF2 ATTACHMENTS

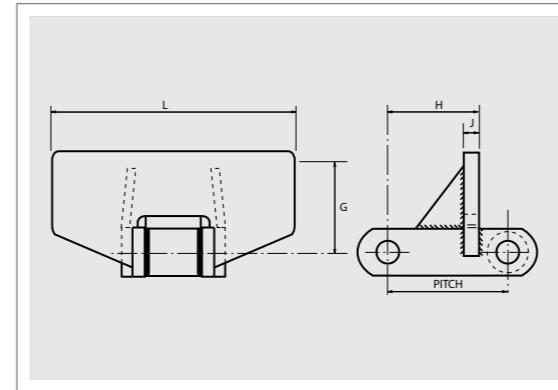


Chain Number	G	H	J	L	Average Weight Lbs/Foot
	Inches				
WR-78	2 11/16	1 1/2	1/4	3	7.7
WR-78HD(X)	2 11/16	1 1/2	3/8	3	10.7
WR-82XHD	2 3/4	2 9/64	3/8	3 1/4	12.3
WR-124	3 1/4	2	1/2	4 1/4	15.8
WR-111	3 1/4	2 1/8	1/2	7 3/4	14.5
WR-132	3 1/2	3	3/4	9	28.5

Specifications for C Style Chain same as above
Specify L and G Dimension when ordering.

Also available for wide end forward operation.

RF12 ATTACHMENTS

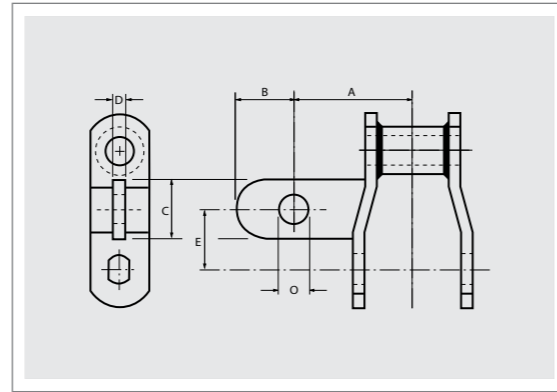


Chain Number	G	H	J	L	Average Weight Lbs/Foot
	Inches				
WR-78	2 11/16	1 1/2	1/4	3	7.7
WR-78HD(X)	2 11/16	1 1/2	3/8	3	10.7
WR-82XHD	2 3/4	2 9/64	3/8	3 1/4	12.3
WR-124	3 1/4	2	1/2	4 1/4	15.8
WR-111	3 1/4	2 1/8	1/2	7 3/4	14.5
WR-132	3 1/2	3	3/4	9	28.5

Specifications for C Style Chain same as above
Specify L and G Dimension when ordering.

Also available for wide end forward operation.

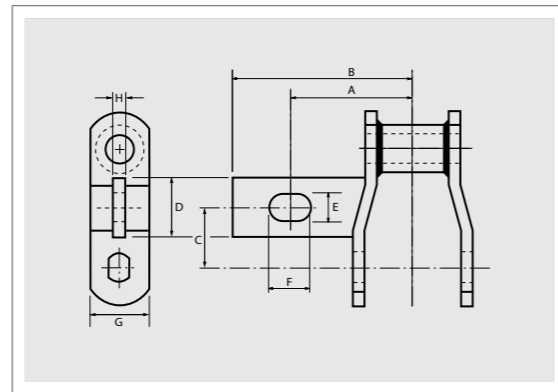
A22 ATTACHMENTS



Chain Number	A	B	C	D	E	O
	Inches					
WR-78	2	5/8	1 1/4	1/4	1 1/4	7/16
WR-124	3	7/8	1 3/4	3/8	2	9/16
WR-111	3 1/2	7/8	1 3/4	3/8	2 3/8	9/16
WR-106	2 3/4	7/8	1 3/4	3/8	3	9/16
WR-132	4 1/4	1	1 3/4	1/2	3	13/16
WR-132XHD	4 1/4	1	2	5/8	3	13/16

Specify left or right hand when ordering.

SPECIAL SLOTTED A22 FOR WAFERIZER CHAINS

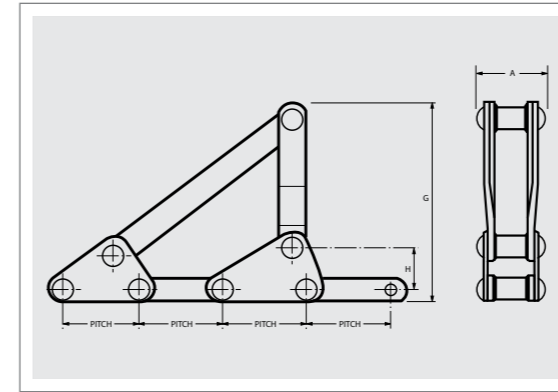


Chain Number	A	B	C	D	E	F	G	H
	Inches							
WR-124	4	5 15/16	1 3/4	2	13/16	1 1/2	1 1/2	1/2
WR-124XHD	4 1/8	6 1/16	1 3/4	2	13/16	1 1/2	2	1/2
WR-106	4	5 15/16	3	2	13/16	1 1/2	1 1/2	1/2
WR-106XHD	4 1/8	6 1/16	3	2	13/16	1 1/2	2	1/2
WR-132	4 1/2	6 1/4	3	2	13/16	1 1/2	2	1/2
WR-132XHD	4 5/8	6 3/8	3	2 1/2	13/16	1 1/4	2	1/2
WR-144	4	5 15/16	3	2	13/16	1 1/2	1 3/4	1/2
WR-166	4	5 15/16	3	2	13/16	1 1/2	1 3/4	1/2

All items to the left are also available in "H" Series, fully heat treated, and/or plus "IBR" induction hardened options.

CAN-AM SIDE-LIFT LOG CHAINS

NOTE: Chains ordered separately will have end link supplied loose

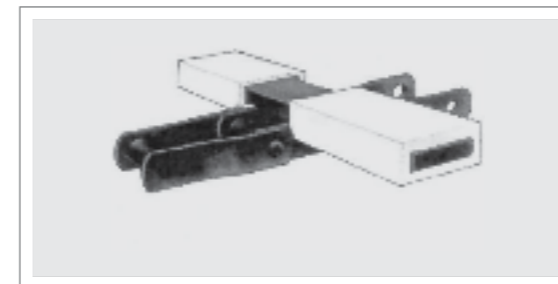


Chain Number	Average Pitch	Rivet Dia.	Overall Width	Height	H	Pitches per Assembly
			A	G		
			Inches			pcs.
WR-78	2.609	1/2	3	8-14	1 7/8	4-5
WR-82	3.075	9/16	3 1/4	10-14	1 7/8	5-6
WR-124	4.000	3/4	4 1/4	10-18	2 7/8	4-6
WR-124XHD	4.063	1	4 7/8	12-18	3	4-6
WR-106	6.000	3/4	4 1/4	12-20	3 3/4	4-6
WR-132	6.050	1	6 1/4	12-24	3 3/4	4-5
WR-132HD(X)	6.050	1	6 3/4	12-24	3 3/4	4-5
WR-150	6.050	1	6 1/4	12-24	4	4-5
WR-155	6.050	1 1/8	6 13/32	12-30	4	4-5
WR-157	6.050	1 1/8	6 3/4	12-30	4	4-5

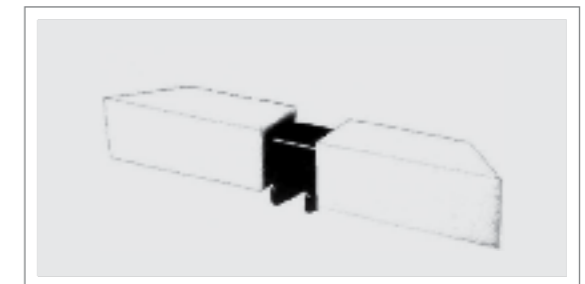
CAN-AM UHMW FLIGHTS

Sleeves are constructed of UHMW and press fitted over steel tube or flat bar. CAN-AM UHMW flights act as the wear strip in the bottom of the conveyor.

Easily replaced sleeves save flat bar and chain wear and greatly reduce maintenance costs. Other features include reduced power consumption and noise reduction.

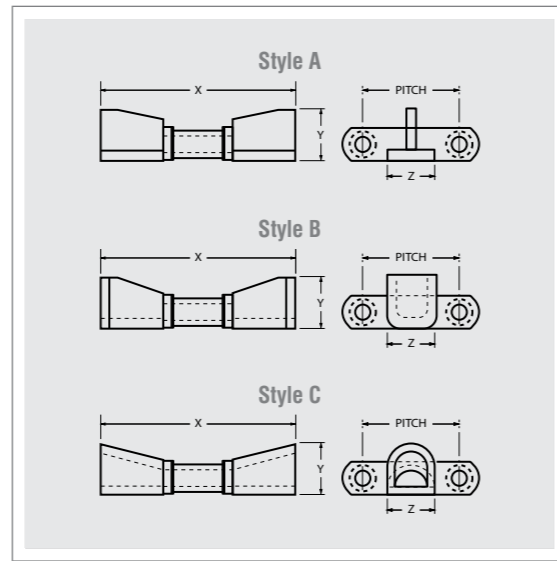
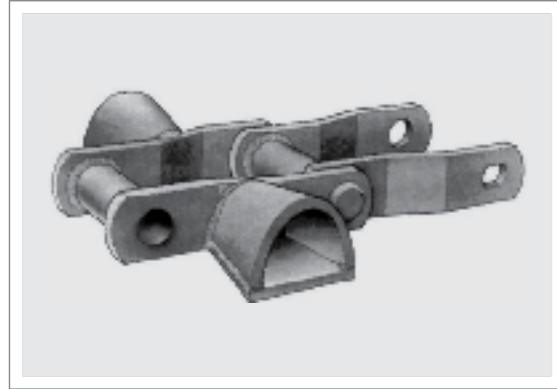


Flat Bar Style
 FB = 3 1/2" x 1"
 UHMW = 4 1/2" x 2" outside



HSS Square Tube Style
 Tube = 3" x 3"
 UHMW = 4" x 4" outside

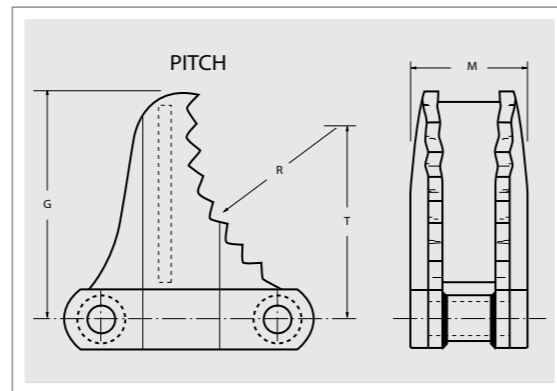
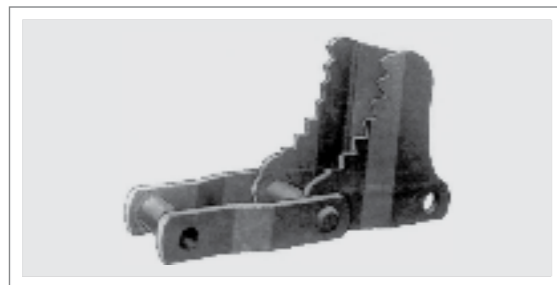
LOG CRADLE FOR SINGLE STRAND CHAIN



Chain Number	Pitch	Style A			Style B			Style C			Special Style C		
		X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
WR-124	4.000	8	2 1/2	2 1/2	8	2 1/2	2 1/4	8	2 1/4	3 1/2	11	2 15/16	3
WR-111	4.760	8 1/2	2 1/4	1 3/4	8 1/2	3	2 1/4	8 1/2	2 1/4	3 1/2	11	2 15/16	3
WR-124XHD	4.050	8 1/2	3	2 1/2	8 1/2	3	2 1/2	8 1/2	3	3	11	3 3/4	3
WR-106	6.000	8	2 1/4	3	8	2 1/4	2 1/4	8	2 1/4	3 1/2	11 5/8	2 15/16	3 1/2
WR-132	6.050	11	3	3	11	3	3 1/4	11	3	3 1/2	13	3 1/2	3 1/2
WR-132XHD	6.050	11 1/4	3	3	11 1/4	3	3	11 5/8	3	3 1/2	13 5/8	3 1/4	3 1/2

Note: Style "A" cradles could pose conveying problems – discuss with factory.

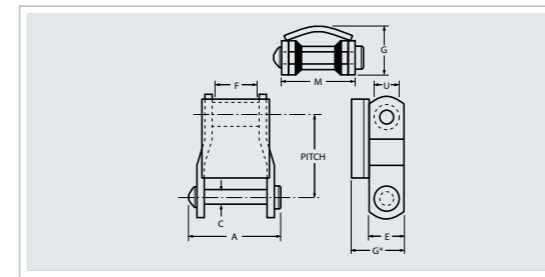
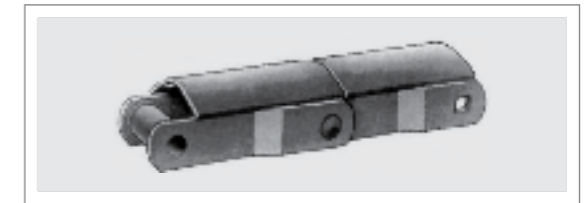
SPECIAL SLASHER ATTACHMENTS*



Chain Number	G	R	T	M
	Inches			
WR-124	7 5/16	12	7	4
WR-124XHD	7 5/16	12	7	4 1/4
WR-106	8 1/4	6	6 3/4	3 7/8
WRC-110	8 1/4	6	6 3/4	3 7/8
WR-106XHD	9	6 3/8	7	4 5/64
WR-132	7 5/16	6	7	5 1/2
WRC-132	7 5/16	6	7	5 1/2

*Available integral to sidebar or welded on

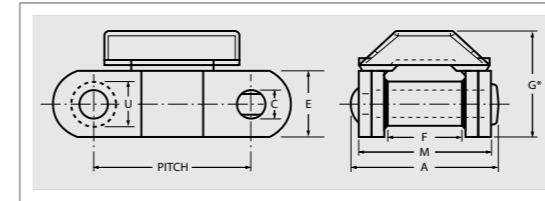
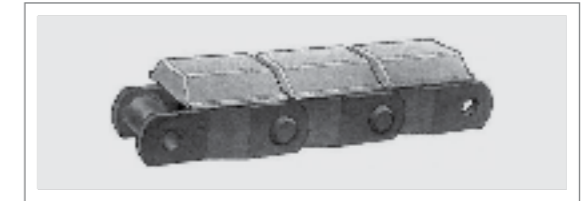
CAN-AM WELDED STEEL UNIVERSAL TOP



Chain Number	Chain Pitch	Links	Average Weight	A	C	E	F	G*	M	U
				Inches						
WR-78 U	2.609	4.6	6.0	3	1/2	1 1/4	1	1 13/16	2 5/8	7/8
WR-78 XHDU	2.636	4.6	10.4	3.45	9/16	1 1/4	1	1.90	2 13/16	1
WR-82 U	3.075	3.9	8.0	3 1/2	9/16	1 1/4	1 1/8	2	3	1
WR-82 XHDU	3.075	3.9	13.5	4	3/4	1 1/2	1 1/8	2 3/8	3 5/16	1 1/4
WR-130/8U	4.000	3.0	4.8	3	1/2	1 1/4	1	1 13/16	2 5/8	7/8
WR-124 U	4.000	3.0	13.0	4 1/4	3/4	1 1/2	1 1/2	2 1/2	3 5/8	1 1/4
WR-124 XHDU	4.063	3.0	19.8	4 5/8	1	2	1 1/2	3 1/4	4 1/16	1 5/8

* Nominal Dimension

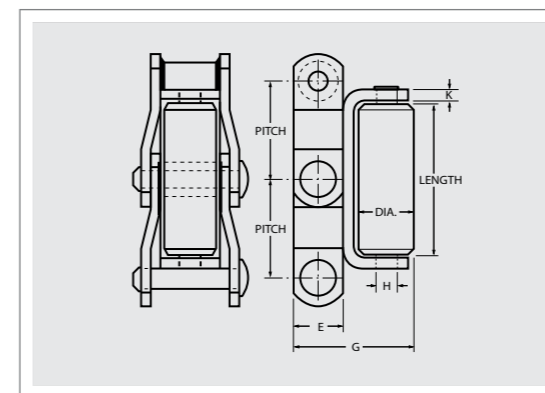
CAN-AM WELDED STEEL CHAIN WITH U.H.M.W. CAP



Chain Number	Chain Pitch	Links	Average Weight	A	C	E	F	G*	M	U
				Inches						
WR-78 UP	2.609	4.6	5.4	3	1/2	1 1/4	1	1 15/16	2 5/8	7/8
81X UP	2.609	4.6	3.4	2 1/2	7/16	1 1/8	7/8	1 7/8	1 5/8	7/8

* Nominal Dimension

STEEL ROLL TOP CHAIN WITH NYLON ROLLERS



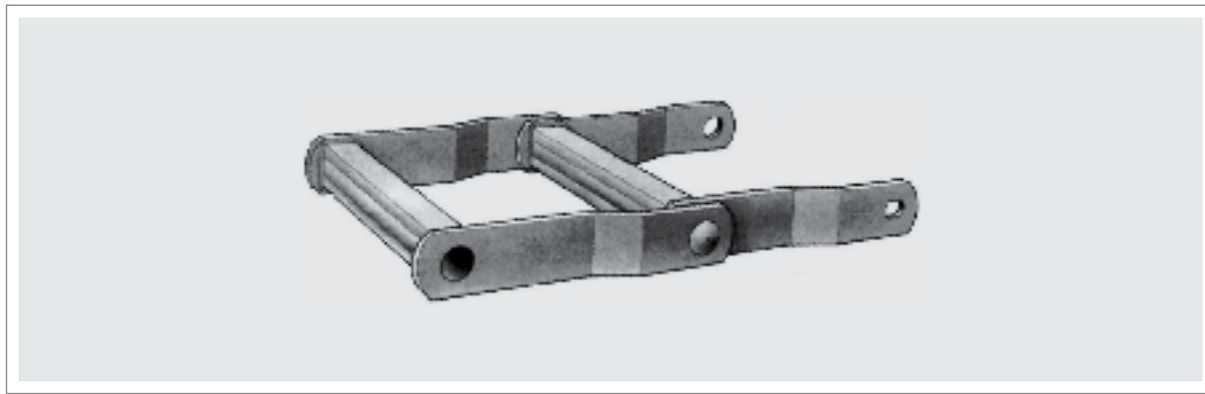
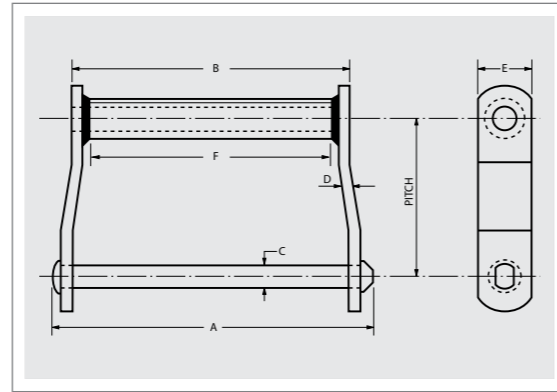
Chain Number	Chain Pitch	Links	Average Weight	Roller Length	Roller Dia.	Side Bar Width	Overall Height	Cradle Material	Roller Rivet Dia.
						E	G	K	H
WR-78RTN	2.609	4.6	7.9	4	1 1/4	1 1/4	3 1/8	1/4	1/2

Standard rolltop chain supplied with solid nylon roller. WRC 78 (combination chain) styles also available.

CAN-AM WELDED STEEL DRAG CHAINS

CAN-AM WELDED STEEL DRAG CHAINS provide efficient and economical service when used in chip and sawdust conveyors, and like applications. Features include original formed barrel design for complete rivet to barrel contact for maximum rivet wear, higher impact strength, weldability of attachments and option of heat treating and/or induction hardening specific parts.

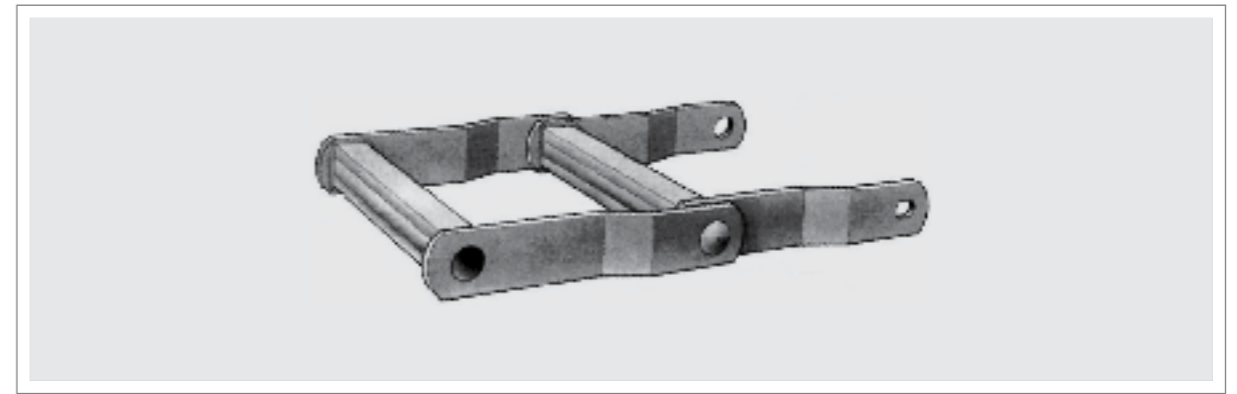
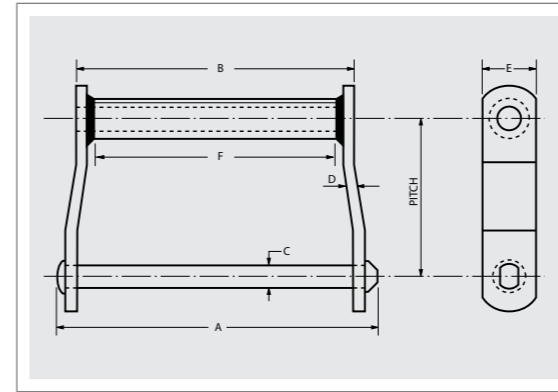
Reverse barrel chain is available. Contact Factory.



Chain Number	Pitch Inches	Ultimate Strength Lbs	Allowable Working Load Lbs	Links Pcs./Foot	Average Weight Lbs/Foot	Overall Width	Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Maximum Sprocket Face
						A	B	C	D	E	F
WD-102	5.000	51,000	10,200	2.4	12.0	9 1/4	7 3/4	3/4	3/8	1 1/2	6 3/8
WD-104	6.000	51,000	10,200	2.0	8.1	6 3/4	5 3/8	3/4	3/8	1 1/2	4 1/8
WD-110	6.000	51,000	10,200	2.0	12.0	11 3/4	10 1/4	3/4	3/8	1 1/2	9
WD-112	8.000	51,000	10,200	1.5	9.5	11 3/4	10 1/4	3/4	3/8	1 1/2	9
WD-116	8.000	51,000	10,200	1.5	13.8	15 1/2	14 1/8	3/4	3/8	1 3/4	13
WD-118	8.000	70,000	14,000	1.5	18.7	16 5/8	14 7/8	*7/8	1/2	2	13 1/4
WD-120	6.000	70,000	14,000	2.0	18.4	12	10 1/4	*7/8	1/2	2	8 3/4
WD-122	8.000	70,000	14,000	1.5	15.3	12	10 1/4	*7/8	1/2	2	8 3/4
WD-480	8.000	70,000	14,000	1.5	17.1	14 1/2	12 3/4	*7/8	1/2	2	11

*Also available in 1" Ø pin

CAN-AM (XHD) HEAVY DUTY DRAG CHAINS

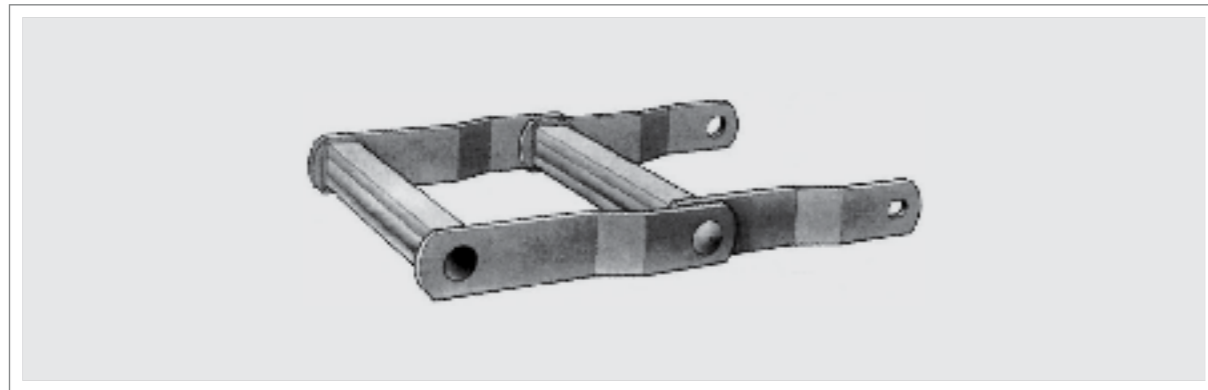
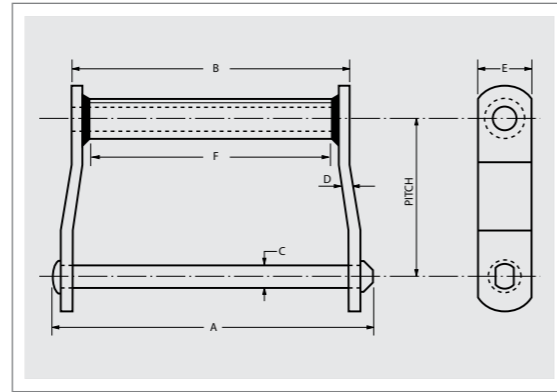


Chain Number	Pitch Inches	Ultimate Strength Lbs	Allowable Working Load Lbs	Links Pcs./Foot	Average Weight Lbs/Foot	Overall Width	Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Maximum Sprocket Face
						A	B	C	D	E	F
WD-120XHD	6.000	122,000	24,400	2.0	22.5	12 3/4	10 1/2	1	5/8	2	8 3/4
WD-118XHD	8.000	122,000	24,400	1.5	22.5	17 3/8	15 1/8	1	5/8	2	11
WD-122XHD	8.000	122,000	24,400	1.5	19.5	12 3/4	10 1/2	1	5/8	2	8 3/4
WD-480XHD	8.000	122,000	24,400	1.5	21.0	15 1/4	13	1	5/8	2	11

SUPER HOG CHAIN

CAN-AM "SUPER HOG" DRAG CHAIN features a formed, heavy wall seamless tube barrel. This rugged barrel supports a through and induction hardened 1" steel rivet. The "Super Hog" design eliminates crushed/peeled barrels and reduces wear due to racking. When the going gets tough...use CAN-AM "Super Hog" in log hauls, chip conveyors & heavy duty hog fuel handling application.

Standard "SUPER HOG" chains feature fully through hardened then induction hardened rivets available with heat-treated sidebars (WDRS) or heat-treated sidebar and barrels (WDH).



**HEAVY BARRELS RESIST CRUSHING • CAN BE RUN FASTER • LONGER LIFE • LESS DOWNTIME
• SNUG FITTING RIVETS MINIMIZE RACKING • WILL MOVE HEAVIER LOADS**

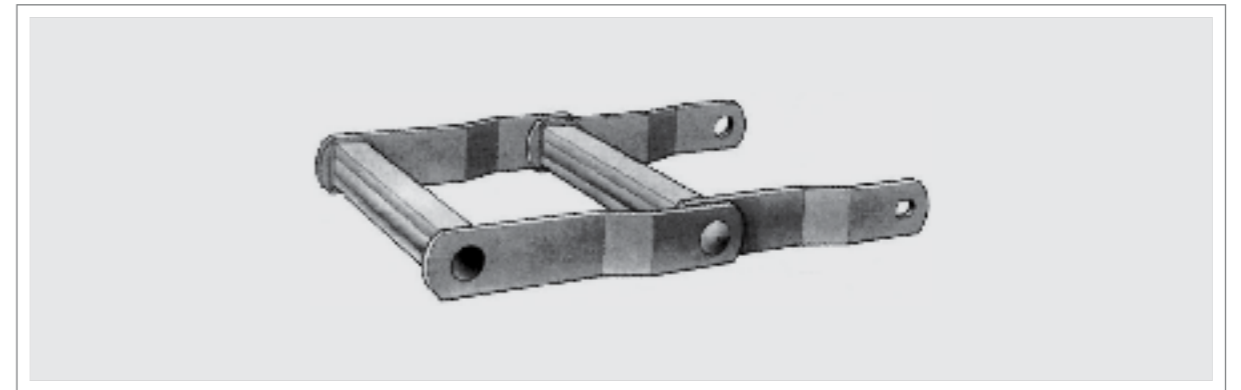
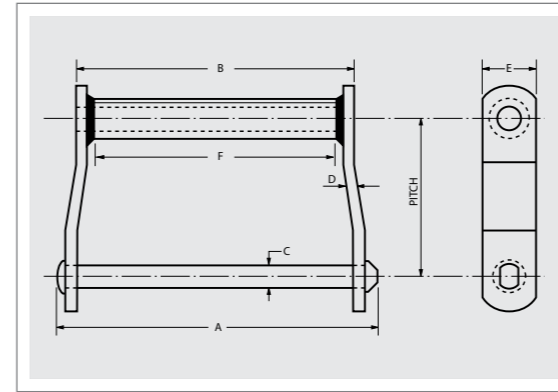
Chain Number	Pitch	Ultimate Strength	Allowable Working Load	S.H.* Links	Average Weight	Overall Width	Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Maximum Sprocket Face
						A	B	Inches			F
WDRS118-SH	8.000	85,500	17,100	1.5	22.0	16 5/8	14 7/8	1	1/2	2	13 1/4
WDRS118-XHDSH	8.000	122,000	24,400	1.5	24.5	17 3/8	14 7/8	1	5/8	2	13 1/4
WDRS120-SH	6.000	85,500	17,100	2.0	22.0	12	10 1/4	1	1/2	2	8 3/4
WDRS120-XHDSH	6.000	122,000	24,400	2.0	24.0	12 3/4	10 1/4	1	5/8	2	8 3/4
WDRS122-SH	8.000	85,500	17,100	1.5	17.5	12	10 1/4	1	1/2	2	8 3/4
WDRS122-XHDSH	8.000	122,000	24,400	1.5	20.0	12 3/4	10 1/4	1	5/8	2	8 3/4
WDRS480-SH	8.000	85,500	17,100	1.5	21.5	14 1/2	12 3/4	1	1/2	2	11
WDRS480-XHDSH	8.000	122,000	24,400	1.5	23.0	15 1/4	13	1	5/8	2	11

*SH = Super Hog

WORK HOG CHAINS

CAN-AM "WHOLE HOG" DRAG CHAIN has the same rugged characteristics as the "Super Hog". The main difference...the barrel is extra heavy, round, but packed with the same oversize, greased rivet. This chain is for "Big" logs and two way operations. Use "Whole Hog" for applications so brutal that only a real "tough" chain will do the job. CAN-AM chain...built to take it!

Standard "WHOLE HOG" chains feature fully through hardened then induction hardened rivets and through hardened side bars.

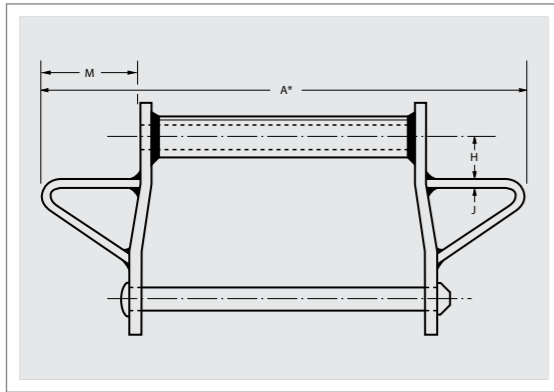
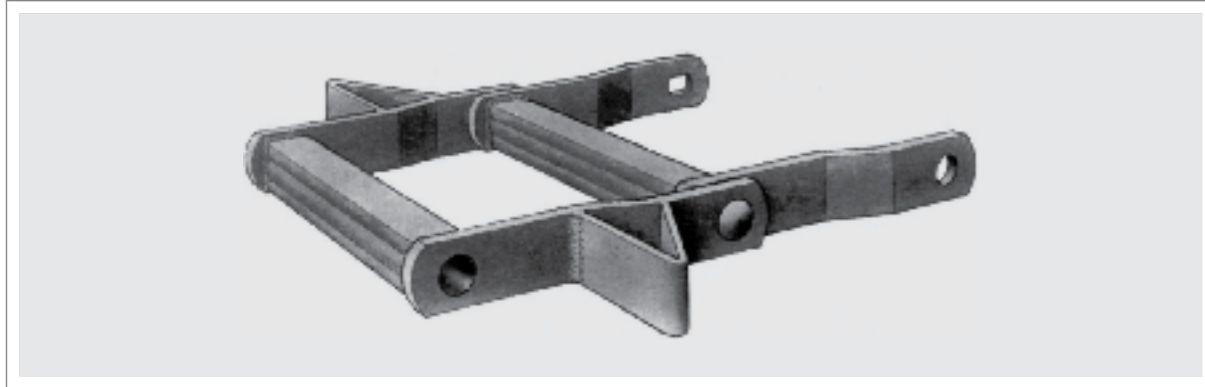


**HEAVY BARRELS RESIST CRUSHING • CAN BE RUN FASTER • LONGER LIFE • LESS DOWNTIME
• SNUG FITTING RIVETS MINIMIZE RACKING • WILL MOVE HEAVIER LOADS**

Chain Number	Pitch	Ultimate Strength	Allowable Working Load	W.H.* Links	Average Weight	Overall Width	Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Maximum Sprocket Face
						A	B	Inches			F
WDRS118-WH	8.000	85,500	17,100	1.5	25.5	16 5/8	14 7/8	1	1/2	2	13 1/4
WDRS118-XHDWH	8.000	122,000	24,400	1.5	28.0	17 3/8	14 7/8	1	5/8	2	13 1/4
WDRS120-WH	6.000	85,500	17,100	2.0	24.0	12	10 1/4	1	1/2	2	8 3/4
WDRS120-XHDWH	6.000	122,000	24,400	2.0	27.0	12 3/4	10 1/4	1	5/8	2	8 3/4
WDRS122-WH	8.000	85,500	17,100	1.5	20.0	12	10 1/4	1	1/2	2	8 3/4
WDRS122-XHDWH	8.000	122,000	24,400	1.5	22.0	12 3/4	10 1/4	1	5/8	2	8 3/4
WDRS480-WH	8.000	85,500	17,100	1.5	22.5	14 1/2	12 3/4	1	1/2	2	11
WDRS480-XHDWH	8.000	122,000	24,400	1.5	25.0	15 1/4	13	1	5/8	2	11

*WH = Whole Hog

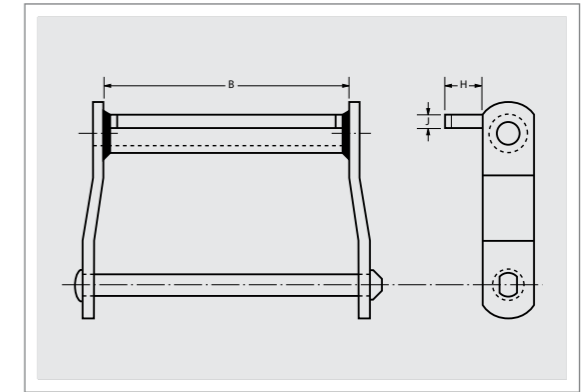
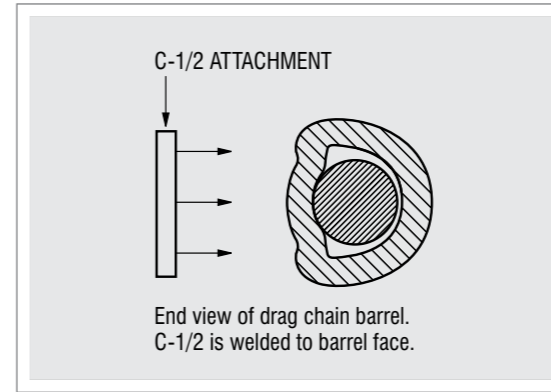
WING ATTACHMENTS



Chain Number	A*	H	J	M
	Inches			
WD 102	14 1/2	1 1/2	3/8	3 1/4
WD 104	12	2 1/4	3/8	3 3/8
WD 110	17	2 1/4	3/8	3 3/8
WD 112	17	2 1/4	3/8	3 3/8
WD 113	17	2 1/4	3/8	3 3/8
WD 116	22	2 1/2	3/8	3 15/16
WD 118	22	2 1/2	1/2	3 9/16
WD 120	17	2 1/2	1/2	3 3/8
WD 122	17	2 1/2	1/2	3 3/8
WD 480	22	2 1/2	1/2	4 5/8
WD 120XHD	17 1/4	2 1/2	1/2	3 1/4
WD 118XHD	22 1/4	2 1/2	1/2	3 7/16
WD 480XHD	22 1/4	2 1/2	1/2	4 1/2

*Please specify measurement

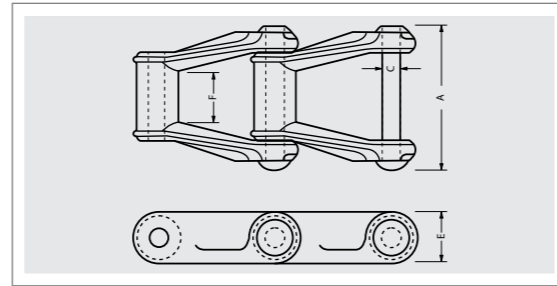
ATTACHMENTS C-1/2", C-1, C-3, C-4



Chain Number	C-1/2*			C-1			C-3			C-4		
	B	J	H	B	J	H	B	J	H	B	J	H
	Inches											
WD 102	6 3/4	3/8	1 1/2	6 3/4	3/8	1 1/2	6 3/4	3/8	1 3/4	6 3/4	3/8	3
WD 104	4 1/2	3/8	1 1/2	4 1/2	3/8	1 1/2	4 1/2	3/8	1 3/4	4 1/2	3/8	3
WD 110	9 1/4	3/8	1 1/2	9 1/4	3/8	1 1/2	9 1/4	3/8	1 3/4	9 1/4	3/8	3
WD 112	9 1/4	3/8	1 1/2	9 1/4	3/8	1 1/2	9 1/4	3/8	1 3/4	9 1/4	3/8	3
WD 113	9	1/2	1 1/2	9	1/2	1 3/4	9	1/2	1 3/4	9	1/2	4
WD 116	13	3/8	1 3/4	13	3/8	1 3/4	13	3/8	1 3/4	13	3/8	4
WD 118	13 1/2	1/2	2	13 1/2	1/2	1 3/4	13 1/2	1/2	2	13 1/2	1/2	4
WD 120	9	1/2	2	9	1/2	1 3/4	9	1/2	2	9	1/2	4
WD 122	9	1/2	2	9	1/2	1 3/4	9	1/2	2	9	1/2	4
WD 480	11 1/2	1/2	2	11 1/2	1/2	1 3/4	11 1/2	1/2	2	11 1/2	1/2	4

*Note: C-1/2 attachments are welded on front of barrel, whereas C-1, C-3, C-4 attachments are welded on top of barrel. C-1/2 attachments do not extend above sidebar height.

MALLEABLE CHAIN

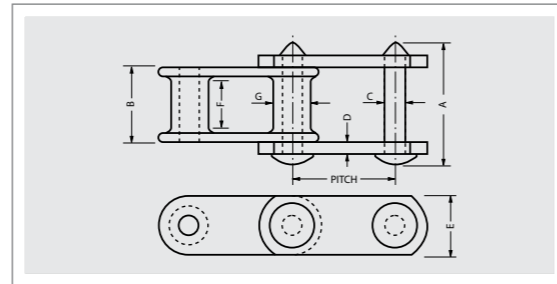


Chain Number	Pitch	Ultimate Strength	Links	Average Weight	Overall Width	Rivet Dia.	Side Bar Height	Maximum Sprocket Face
	Inches	Lbs	Pcs./Foot	Lbs/Foot	A	C	E	F
H-78	2.609	20,200	4.6	4.2	3 3/8	1/2	1 1/8	1
H-82	3.075	22,000	3.9	5.5	4 1/16	9/16	1 1/4	1 1/8

STEEL AND MALLEABLE COMBINATION CHAIN

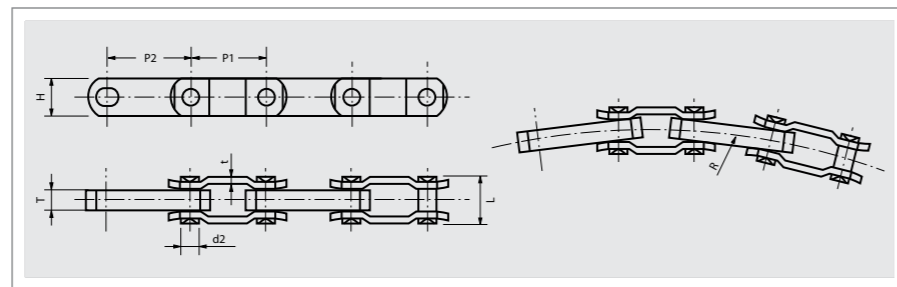
Combination chains consist of heat treated pearlitic malleable iron centre links with carbon steel side bars.

*Available in riveted or pin & cotter construction. SS pins & cotters also available from stock.



Chain Number	Pitch	Ultimate Strength	Links	Average Weight	Overall Width	Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Maximum Sprocket Face	Barel Dia.
	Inches	Lbs	Pcs./Foot	Lbs/Foot	A	B	C	D	E	F	G
C 55*	1.630	9,000	7.4	2.0	1 13/16	1 7/32	3/8	7/32	23/32	3/4	0.72
C 77*	2.308	11,000	5.2	2.3	2 3/32	1 1/4	7/16	3/16	7/8	11/16	0.72
C 188	2.609	14,000	4.6	3.5	2 5/8	1 9/16	1/2	1/4	1 1/8	7/8	7/8
C 131	3.075	24,000	3.9	6.7	3 5/8	2	5/8	3/8	1 1/2	1 1/8	1 7/32
C 102B	4.000	24,000	3.0	6.4	4 9/16	2 25/32	5/8	3/8	1 1/2	1 1/2	1

DOUBLE FLEX CHAINS

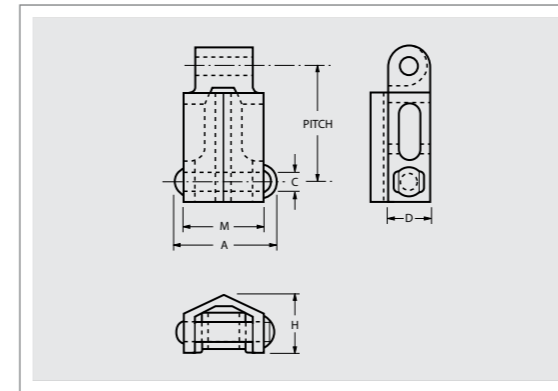


Chain Number	Pitch	Pitch	Inner Plate Thickness	Pin Dimension		Plate Dimension		Side Bow Radius	Ultimate Tensile Strength	Weight
	P1	P2	T	d2 max	L max	H max	t	R min	Q min	Lbs/Foot
3500	2 1/2	3	5/8	0.56	1 7/16	1 1/4	1/4	20	36,300	3.5

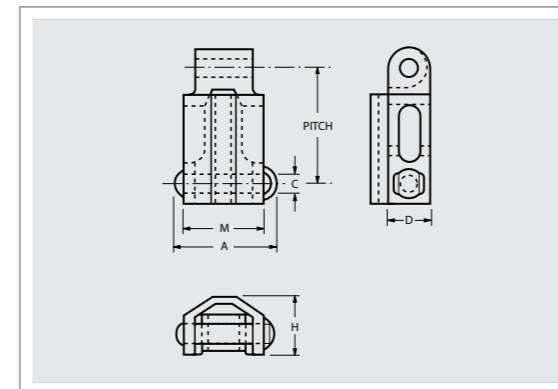
MALLEABLE TRANSFER CHAIN

Rooftop and Camelback are widely used in the lumber industry on transfer decks, where the load is carried transversely on two or more strands of chain and entry or discharge is endways. Maximum advisable speed is 100 feet per minute.

ROOF TOP H-78A, H-130



CAMELBACK H-78B, H-138



COMBINATION: ROOF TOP C-55A, CAMELBACK C-55B, UNITOP C-55D



Chain Number	Pitch	Ultimate Strength	Links	Average Weight	Overall Width	Roof Width	Rivet Dia.	Side Bar Height	Overall Height
	Inches	Lbs	Pcs./Foot	Lbs/Foot	A	M	C	D	H
H-78A	2.609	16,000	4.6	5.6	3 1/4	2 3/4	1/2	1 1/16	1 11/16
H-78B	2.609	16,000	4.6	6.1	3 1/4	2 3/4	1/2	1 1/16	1 11/16
H-130	4.000	14,000	3.0	5.2	3 1/4	2 13/16	1/2	1 7/64	1 11/16
H-138	4.000	15,000	3.0	5.8	3 1/4	2 13/16	1/2	1 7/64	1 11/16
C55A, C55B, C55D	1.630	9,000	7.4	3.2	2	1.2	3/8	3/4	1 1/4

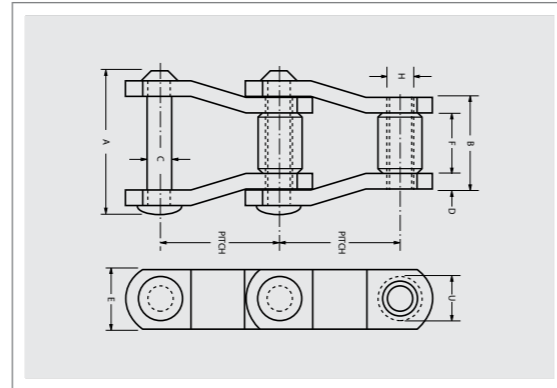
NOTE: Snap-on urethane caps available for non-marking applications.

POWER TRANSMISSION CHAINS

POWER TRANSMISSION CHAINS are widely used throughout the lumber industry in a broad range of conveying, transmission, and elevating applications. They are available in either offset or straight sidebar design. The majority of bushed roller chains are best suited for slow or moderate speed drive and conveyor applications since they are made to commercial standards for clearance, fits, and limits. Broaches on one end of the rivet

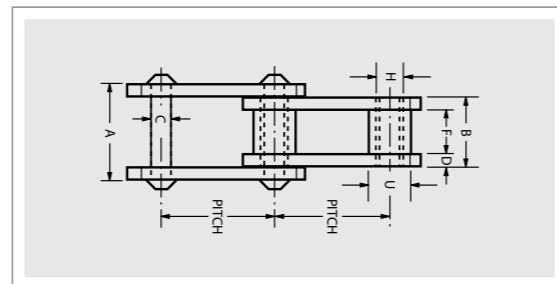
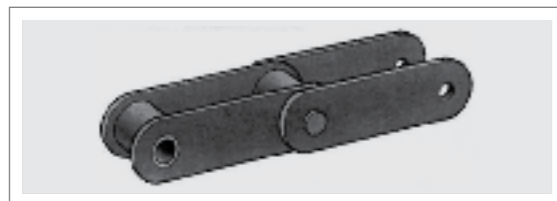
and flats on both ends of the bushing prevent these parts from rotating in the sidebar holes. These chains are widely used throughout the industry with our cast steel bullnose or other special attachments for use on trim tables. (See pages 35 and 36.)

OFFSET SIDEBAR STYLE



Chain Number	Chain Style	Pitch Inches	Ultimate Strength Lbs	Allowable Working Load Lbs	Links Pcs./Foot	Average Weight Lbs/Foot	Sidebars			Pins			Bushing		Roller			Length of Bearing Inches
							D	E	Material	C	A	Material	H	Material	U	F	Material	
							Inches			Inches			Inches		Inches			
SO-578	0	2.609	19,000	2,200	4.6	2.7	5/32	1	CH	3/8	2 5/64	CH	9/16	CC	7/8	1 1/16	CC	1 7/16
MO-88	0	2.609	20,000	2,400	4.6	3.8	1/4	1 1/8	C	7/16	2 11/32	CH	5/8	CC	7/8	1 1/16	CC	1 5/8
LXS-882	0	2.609	29,000	2,800	4.6	3.9	1/4	1 1/8	CH	7/16	2 11/32	AH	5/8	AC	7/8	1 1/8	CH	1 15/16
MOH-578	0	2.609	19,000	2,200	4.6	2.7	7/32	1	CH	3/8	2 5/64	CH	9/16	CC	7/8	1 1/16	CH	1 27/64

STRAIGHT SIDEBAR STYLE



Chain Number	Chain Style	Pitch Inches	Ultimate Strength Lbs	Allowable Working Load Lbs	Links Pcs./Foot	Average Weight Lbs/Foot	Sidebars			Pins			Bushing		Roller			Length of Bearing Inches	
							Block	Conn	Height	Material	C	A	Material	H	Material	U	F		Material
							Inches			Inches			Inches		Inches				
MS-88	S	2.609	26,000	2,500	4.6	3.8	1/4	1/4	1 1/8	C	7/16	2 11/32	CH	5/8	CC	7/8	1 1/16	CC	1 5/8
81-X	S	2.609	22,000	2,200	4.6	2.6	5/32	5/32	1 1/8	CH	7/16	1 55/64	AC	5/8	AC	29/32	1 1/16	CH	1 3/8
81-XH	S	2.609	41,800	5,000	4.6	3.9	5/16	7/32	1 1/4	CH	7/16	2.33	AC	5/8	AC	29/32	1 1/16	CH	1 11/16
81-XHS	S	2.609	41,800	5,000	4.6	4.2	5/16	5/16	1 1/4	CH	7/16	2 1/2	AC	5/8	AC	29/32	1 1/16	CH	1 11/16
SS-188	0	2.609	26,000	2,500	4.6	3.8	1/4	1/4	1 1/8	CH	7/16	2 11/32	AC			7/8	1 1/16	CC	1 5/8

See page 44 for "J" Bar sorter chains.

Zero = no roller.

Letter designation of material:

C: carbon steel

CC: carbon steel case hardened

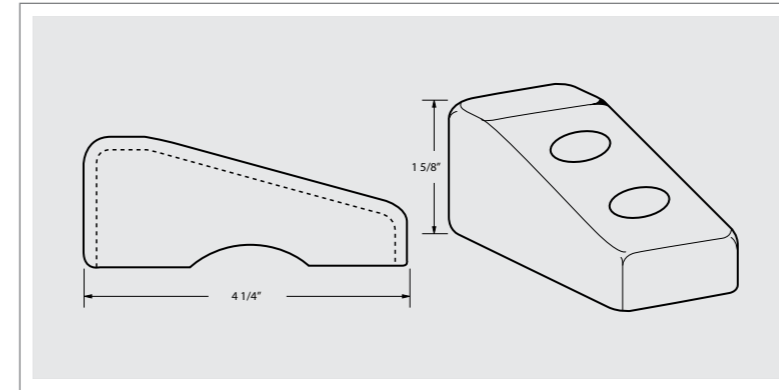
AC: alloy steel case hardened

CH: carbon steel heat treated

AH: alloy steel heat treated

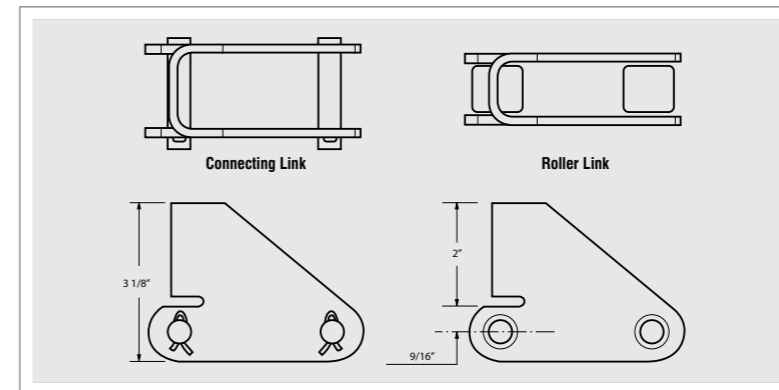
CAST STEEL TRIMMER LUGS

- Suitable for the following chains: SO-578, 81X, 81-XH, MS-88, MO-88, LXS-882
- Lugs available with self cleaning holes as shown in sketch



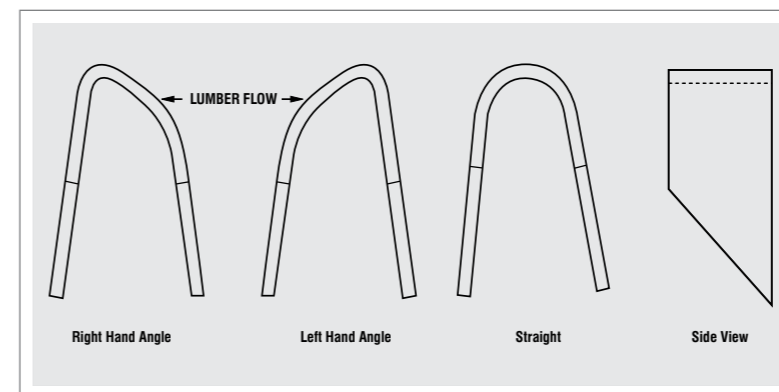
81-X PUSHER LUGS

- Strong integral pusher lug for many sawmill applications
- Available from stock as a connecting link or roller link



CAN-AM FABRICATED STEEL BULLNOSE ATTACHMENTS

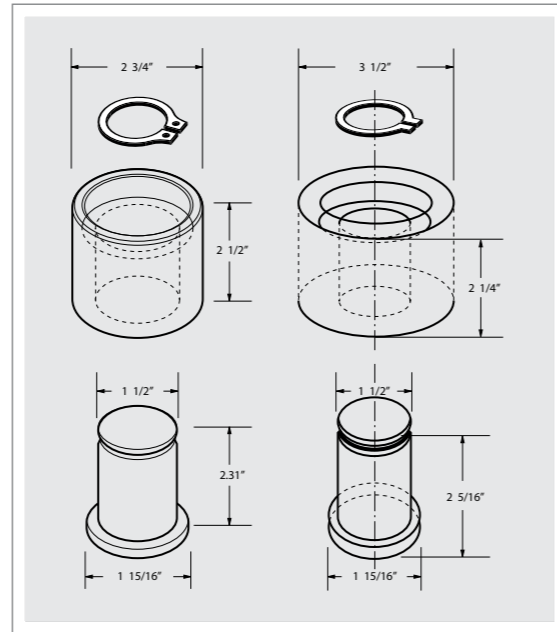
Standard heights of 1 1/2" - 1 3/4" - 2" are available from stock. Manufactured for welded steel chain and trimmer chain.



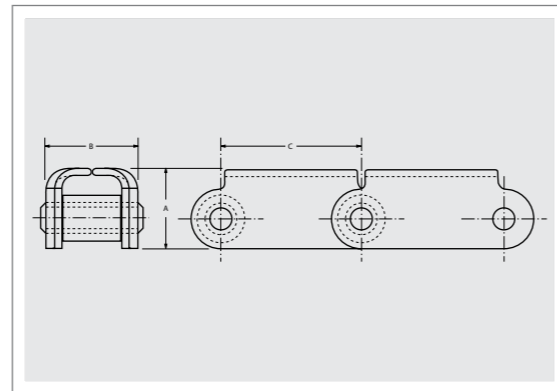
TRIMMER UHMW ROLLER STYLE LUGS

Roller Style

- Suitable for all trimmer chains SO-578, 81X, 81-XH, MS88-MO88, LXS882, MOH578
- For maximum chain life LXS882 recommended
- Height and Outside Diameter can be manufactured to your specific requirements

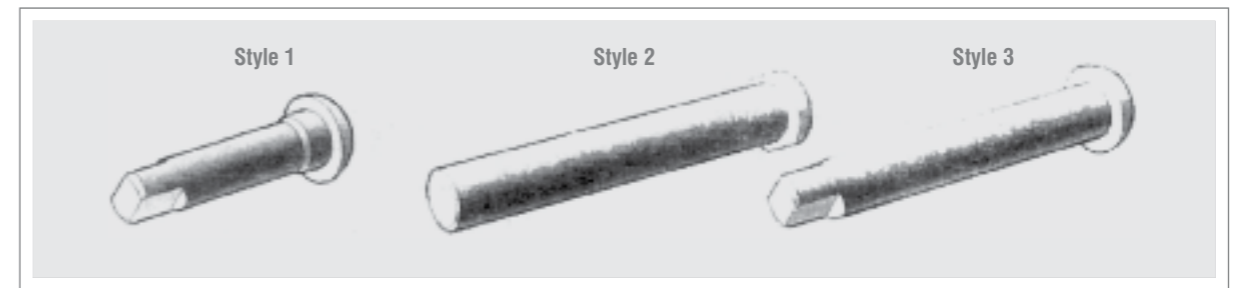


81-X ROOFTOP



Chain Number	A	B	C
	Inches		
81-X Rooftop	1 1/2	1 13/16	2.609

- All CAN-AM Mill Chain Rivets are through heat treated as standard
- All Super Hog and Whole Hog Chain Rivets 1" diameter and larger are supplied through and induction hardened as standard
- All Trimmer Chain Rivets are supplied Heat Treated as standard
- Other Induction Hardening & Heat Treating options are available on request, as are zinc plating and galvanizing



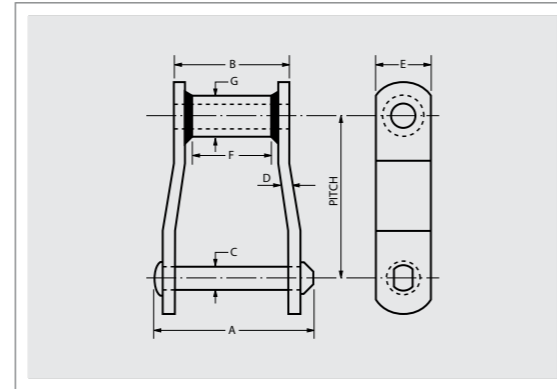
	Chain Number	Rivet Style	Rivet Dia.	Rivet Length Under Head	Approx. Weight
			inches		
Trimmer Chain	SO-578	3	3/8	1 15/16	10
	MS-88	3	7/16	2 1/4	16
	81-X, 3939	3	7/16	1 59/64	12
	MO-88	3	7/16	2 1/4	16
	LXS-882	3	7/16	2 3/8	15
Malleable Chain	C102-B	3	5/8	4	50
	C-131	1	5/8	3 1/4	48
	C-188	3	1/2	2 1/2	16
	H-78, H-130, H-138	2	1/2	3 1/16	18
	H-82	2	9/16	3 5/8	28
Mill Chain	WR-78, 78-4, 130, 138, 78 Rolltop	1	1/2	2 13/16	17
	WR-78 (5") XHD	1	9/16	3 1/2	26
	WR-78 XHD	1	9/16	3 3/32	26
	WR-82	1	9/16	3 1/8	26
	WR-82XHD/WR-720S	1	3/4	3 9/16	52
	WR-124, WR-106	1	3/4	4	58
	WR-111	1	3/4	4 5/8	64
	WR-144	1	1	4 1/8	97
	WR-124XHD/WR-106XHD	1	1	4 5/8	101
	WR-150, WR-WRC-132	1	1	6	138
	WR-WRC-132XHD	1	1	6 1/2	155
	WR-WRC-157, WR-155	1	1 1/8	6 9/16	188
	WHX-157XHD, WR-159	3	1 1/4	6.54	200
	WRC-131	1	3/4	3 1/4	52
	Drag Chain	WD-102	1	3/4	8 7/8
WD-104		1	3/4	6 11/16	88.4
WD-110, WD-112		1	3/4	11 17/32	150
WD-116		1	3/4	15 13/32	198
WD-113		1	7/8	11 15/16	210
WD-118		1	7/8	16 9/16	290
WD-118-1		1	1	16.57	372
WD-118XHD		1	1	17	380
WD-120, WD-122		1	7/8	11 15/16	210
WD-120XHD		1	1	12 15/16	278
WD-480		1	7/8	14 7/16	258
WD-480XHD		1	1	14 15/16	344
WD-480-1	1	7/8	14 3/16	334	

CAN-AM CHAINS manufactures a full range of chain products especially for the OSB Industry. Many of these are proprietary designs developed for specific applications.

Corrosion, shock loading, fatigue and wearability are common problems that we have generated solutions for.

Consult your "CAN-AM CHAINS" factory representative for details.

**LOG DECK CONVEYORS
BARKER INFEED CONVEYORS
HOT POND CONVEYORS
LOG TRANSFER CONVEYORS**



Chain Number	Pitch	Ultimate Strength	Allowable Working Load	Links	Average Weight	Approx. Overall Width		Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Approx. Tooth Face at Pitch Line	Outside Barrel Dia.
	Inches					Lbs	Pcs./Foot						
WH-124 IBR	4.000	57,000	9,500	3	7.8	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4	
WH-124XHD IBR	4.063	122,000	20,400	3	14.6	4 7/8	3	1	1/2	2	1 1/2	1 5/8	
WH-106XHD IBR	6.050	122,000	20,400	2	11.8	4 7/8	3	1	1/2	2	1 1/2	1 5/8	
WH-132 IBR	6.050	122,000	20,300	2	14.1	6 3/8	4 13/32	1	1/2	2	2 3/4	1 3/4	
WH-132XHD IBR	6.050	122,000	20,400	2	15.3	6 3/4	4 21/32	1	5/8	2	2 3/4	1 3/4	
WH-150 IBR	6.050	122,000	20,400	2	16.3	6 1/2	4 13/32	1	1/2	2 1/2	2 3/4	1 3/4	
WH-155 IBR	6.050	175,000	29,000	2	19.0	6 13/32	4 7/16	1 1/8	9/16	2 1/2	2 3/4	1 3/4	
WH-157 IBR	6.050	185,000	30,000	2	20.0	6 3/4	4 5/8	1 1/8	5/8	2 1/2	2 3/4	1 3/4	
WH-200 IBR	6.125	190,000	32,000	2	22.1	6 3/4	4 5/8	1 1/4	5/8	2 1/2	2 3/4	1.9	
WH-159 IBR	6.125	210,000	35,000	2	23.0	6 3/4	4 5/8	1 1/4	5/8	3	2 3/4	1.9	

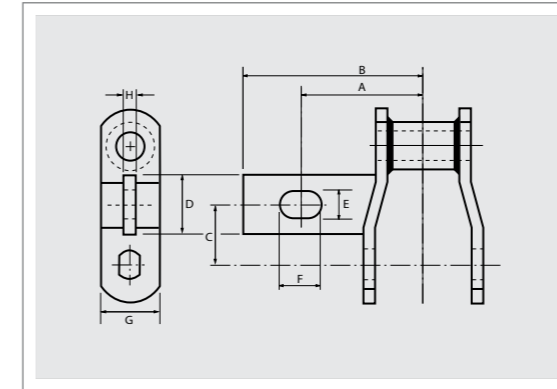
All above chains are fully through hardened with further deep induction hardened rivets and barrels. See page 1 for technical specs.

RAKEBACK CONVEYORS

Chain Number	Pitch	Ultimate Strength	Allowable Working Load	Links	Average Weight	Approx. Overall Width		Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Approx. Tooth Face at Pitch Line	Outside Barrel Dia.
	Inches					Lbs	Pcs./Foot						
WH-82XHD IBR	3.075	57,400	8,400	3.9	8.5	3 15/16	2 3/8	3/4	3/8	1 1/2	1 1/8	1 1/4	
WH-124 IBR	4.000	57,000	9,500	3	7.8	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4	
WH-106 IBR	6.000	60,000	10,000	2	6.2	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4	
WH-144 IBR	4.000	85,000	14,200	3	12.5	4 5/16	2 3/4	1	3/8	1 3/4	1 1/2	1 5/8	
WH-166 IBR	6.000	85,000	14,200	2	11.7	4 1/4	2 3/4	1	3/8	1 3/4	1 1/2	1 5/8	
WH-124XHD IBR	4.063	122,000	20,400	3	14.6	4 7/8	3	1	1/2	2	1 1/2	1 5/8	
WH-106XHD IBR	6.050	122,000	20,400	2	11.8	4 7/8	3	1	1/2	2	1 1/2	1 3/4	
WH-132 IBR	6.050	122,000	20,400	2	14.1	6 1/2	4 13/32	1	1/2	2	2 3/4	0.93	

All above chains are fully through hardened with further deep induction hardened rivets and barrels. See page 1 for technical specs.

SPECIAL SLOTTED A22 FOR RAKEBACK



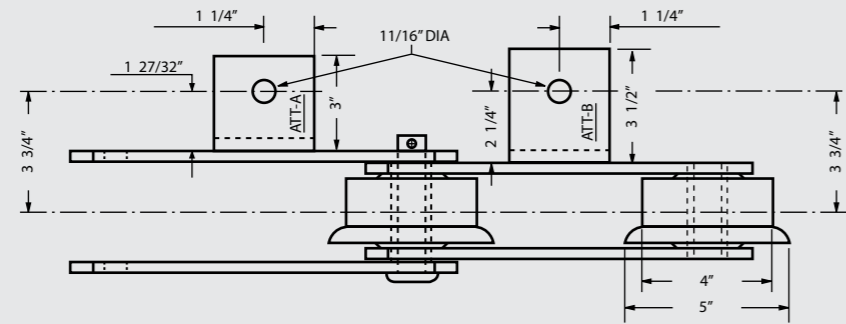
Chain Number	A	B	C	D	E	F	G	H
	Inches							
WH-124 IBR	4	5 15/16	1 3/4	2	13/16	1 1/2	1 1/2	1/2
WH-124XHD IBR	4 1/8	6 1/16	1 3/4	2	13/16	1 1/2	2	1/2
WH-106 IBR	4	5 15/16	1 3/4	2	13/16	1 1/2	1 1/2	1/2
WH-106XHD IBR	4 1/8	6 1/16	1 3/4	2	13/16	1 1/2	2	1/2
WH-132 IBR	4 1/2	6 1/4	3	2	13/16	1 1/2	2	1/2
WH-132 XHD IBR	4 5/8	6 3/8	3	2	13/16	1 1/2	2	1/2
WH-144 IBR	4	5 15/16	2	2 1/2	13/16	1 5/16	1 3/4	1/2
*WH-166 IBR	4	5 15/16	3	3	13/16	1 5/16	1 3/4	1/2
*WH-166 IBR (Option)	3 3/4	5	3	2 1/2	11/16	1	1 3/4	1/2

All above have Through Hardened Sidebars, Through Induction Hardened Barrels and Through & Induction Hardened Rivets.

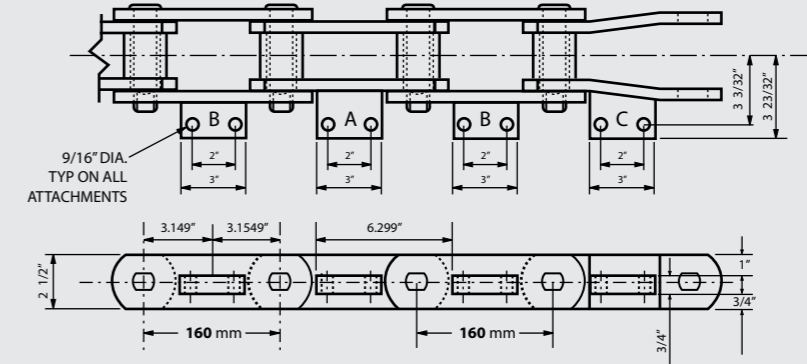
APRON FEEDER

APRON FEEDER

RS 933-F

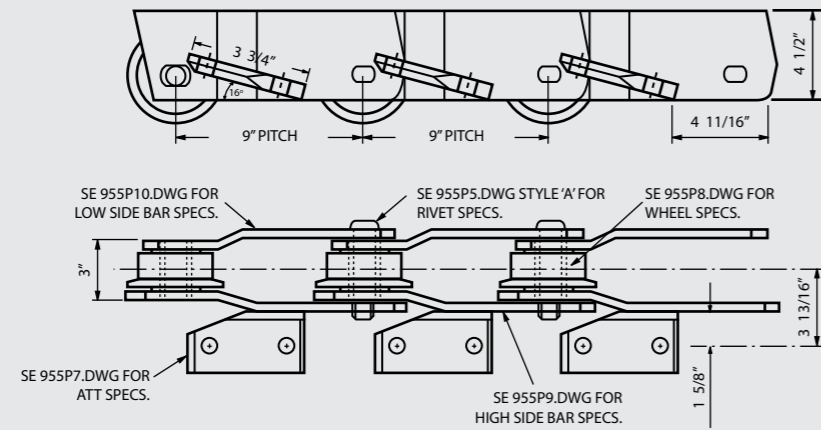


160 MM SPECIAL



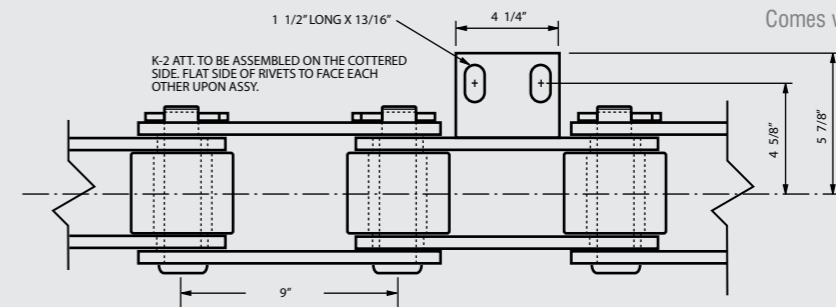
RS 944

HD Pan Chain
CAM 955 PI

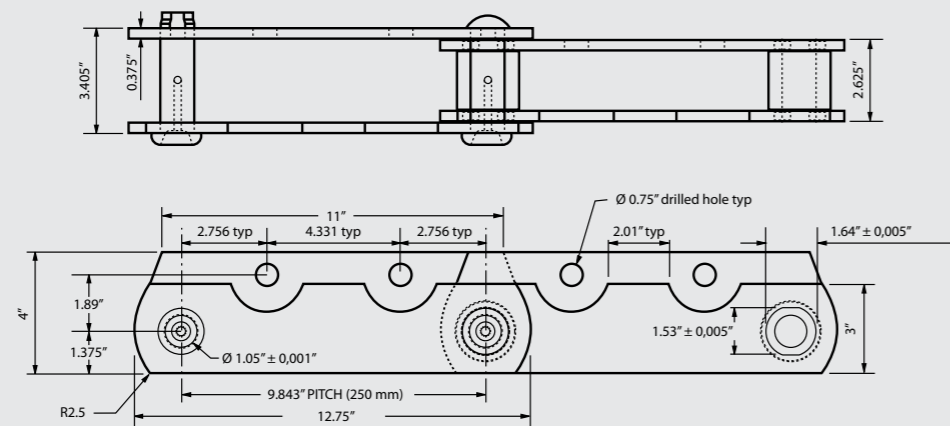


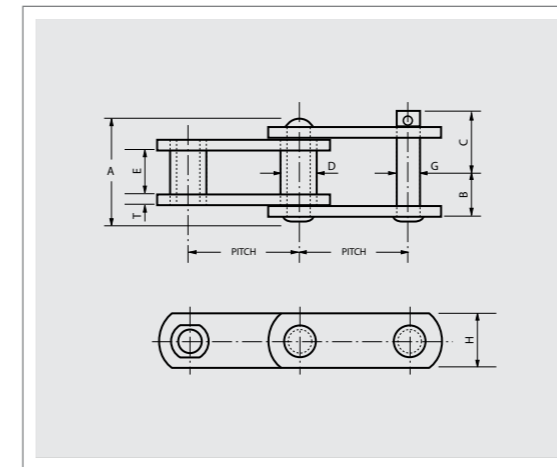
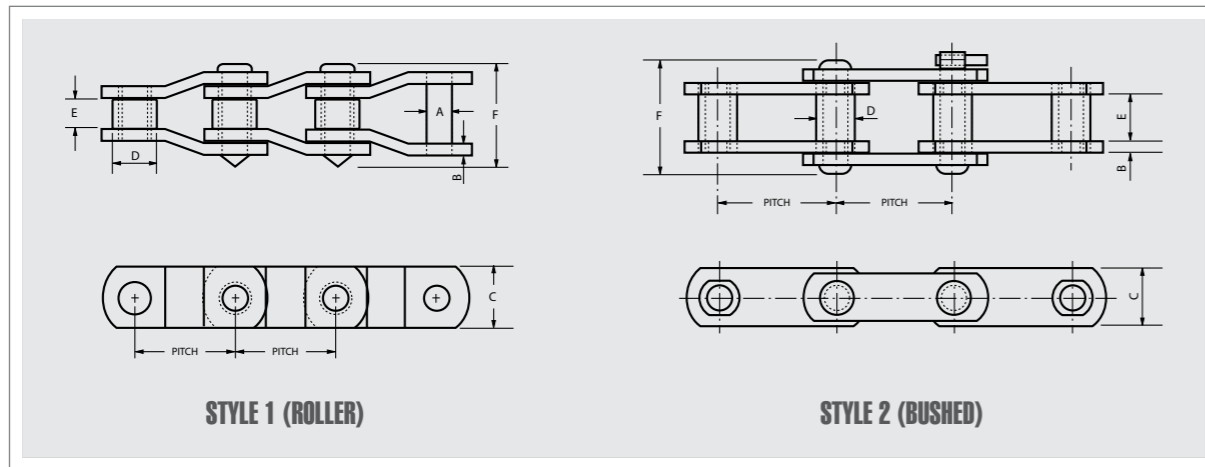
S 1209

Comes with A-2 Attachment
CAM 0465



250MM





HB BUSHED CHAIN

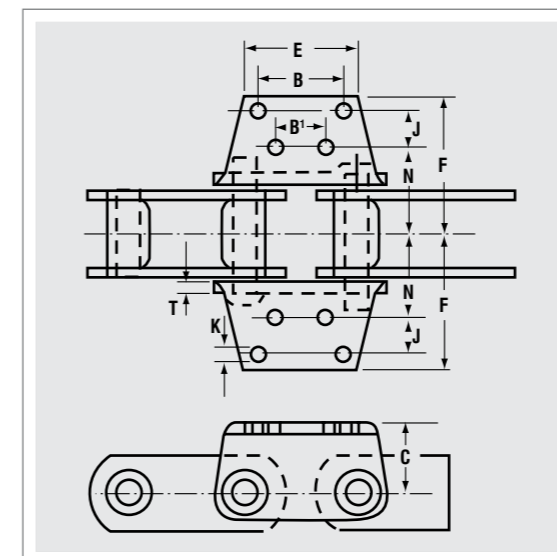
Chain Number	Style	Pitch Inches	Average Weight Lbs/Foot	Ultimate Strength Lbs	Pin Diameter A	Side Bar Thickness B	Side Bar Height C	Barrel/Roller Diameter D	Max Sprocket Face E	Width F
SB2512	1	3.067	13.2	110,000	0.750	3/8	2 1/4	1.62	1.50	3.90
SB3011	1	3.067	13.2	110,000	0.750	3/8	2 1/4	1.62	1.50	3.90
SB1242	1	4.063	15.6	140,000	0.875	1/2	2 1/4	1.75	1.90	4.80
SB1245	1	4.073	18.6	170,000	0.938	9/16	2 3/8	1.25/32	1.90	5.10
SB1254	1	4.060	18.6	170,000	0.938	1/2	2 1/4	1.78	1.20	4.25*
US-3075	1	3.075	9.6	75,000	0.650	0.38	1 3/4	1 1/4	1.50	3.68
US-4522	1	4.500	25.4	220,000	1.100	0.56	3	2 1/4	2.06	5.32

Commonly used sizes shown. Consult your CAN-AM Representative for other sizes.
*Note: Can also be flush welded rivets at 3 3/8 OAW.

Chain Number	Pitch Inches	Width				Bushing		Pin		Side Bar			Avg. Ultimate Strength Lbs	Max. Working Load Lbs	Average Weight Lbs/Foot
		A	B	C	E	D	Material	G	Material	H	T	Material			
		Inches				Inches		Inches		Inches					
SB850	6.000	5 3/4	2 7/8	3 5/16	2 1/4	2	ACH	1 5/16	AIH	3	5/8	CHT	200,000	25,000	23.5
856	6.000	6 1/8	2 7/8	3 1/4	3	1 3/4	ACH	1	AIH	2 1/2	1/2	CHT	100,000	14,000	16.5
857	6.000	6 1/8	2 7/8	3 1/4	3	1 3/4	ACH	1	AIH	3 1/4	1/2	CHT	130,000	14,000	21.0
859	6.000	7 3/8	3 9/16	3 13/16	3 3/4	2 3/8	ACH	1 1/4	AIH	4	5/8	CHT	200,000	21,800	34.0

- ④ Outer plain side bars are 63,5 mm high
- ⑤ Outer plain side bars are 76,2 mm high

Material:
 CHT – Carbon Heat Treated
 CCH – Carbon Case Hardened
 AIH – Alloy Steel Induction Hardened
 ACH – Alloy Case Hardened



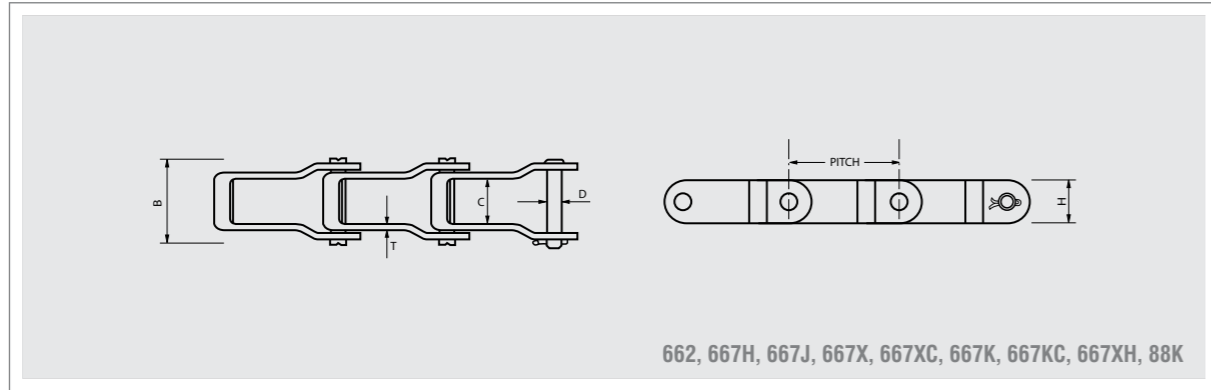
HB BUSHED CHAIN ATTACHMENTS

Attachment Number	Chain Number	Pitch	B	B'	C	E	F	J	K	N	T	Average Weight
												Lbs/Foot
K44	857	3 1/2	3 1/2	3 1/2	2 1/2	6 1/4	6 27/32	2 1/2	1/2	—	1/2	42
	859	4 1/2	4 1/2	2 3/4	3	6 1/2	7 35/64	2	5/8	—	5/8	67

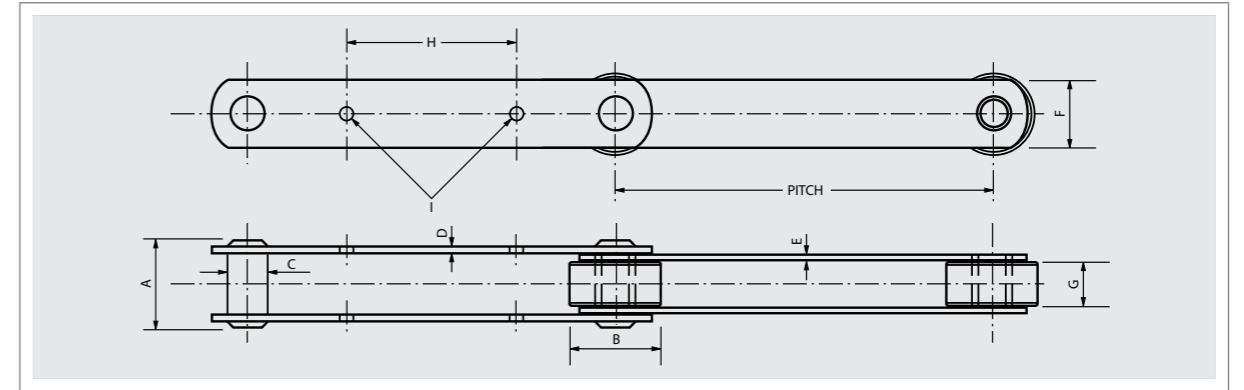
- ⑥ With attachments on pin link

STEEL PINTLE CHAIN

'J' BAR SORTER CHAIN – 9" PITCH



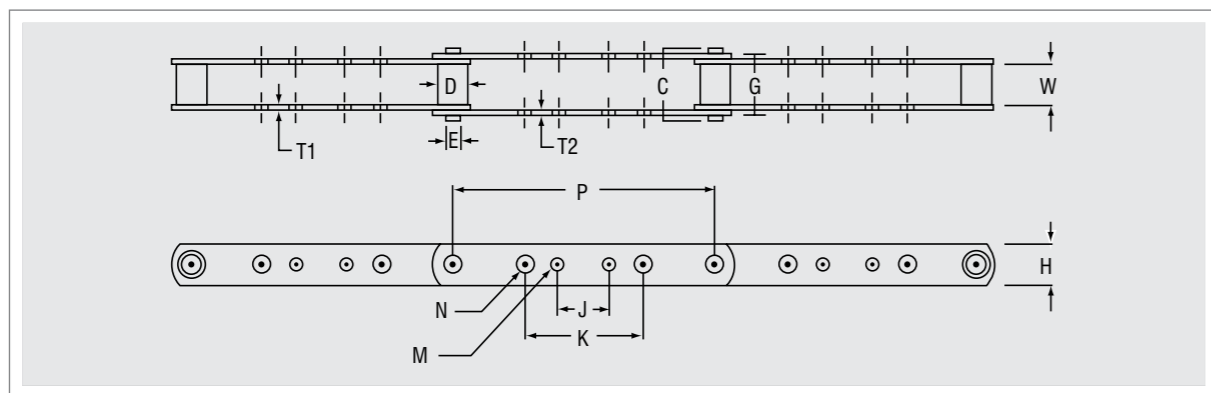
662, 667H, 667J, 667X, 667XC, 667K, 667KC, 667XH, 88K



Chain Number	Links		Average Weight	Min. Adv. Tensile Strength	Pitch	Pin. Diameter	Inside Width	Height	Thickness	Overall Width
	Pcs./Foot	Lbs/Foot								
						D	C	H	T	B
						Inches				
662	7.2	1.05	8,500	1.664	0.281	29/32	0.720	0.125	1 5/8	
667H	5.2	1.17	9,500	2.313	0.312	1	0.875	0.125	1 47/64	
667X	5.3	1.86	21,000	2.250	0.437	1 1/16	0.937	0.170	1 61/64	
667XC	5.3	2.10	18,000	2.250	0.437	1 1/16	0.937	0.170	1 61/64	
667K	5.3	2.44	20,000	2.250	0.437	1 5/64	1.062	0.200	2 1/8	
667KC	5.3	2.56	24,000	2.250	0.437	1 5/64	1.062	0.200	2 1/8	
667XH	5.3	2.80	28,000	2.250	0.469	1 5/64	1.062	0.224	2 5/16	
88K	4.6	2.30	20,000	2.609	0.437	1 5/64	1.062	0.200	2 1/8	

Chain Number	Pitch	Ultimate Strength	Overall Width Rivet	Roller Diameter	Pin Diameter	Outer Side Bar Thick	Inner Side Bar Thick	Side Bar Height	Inside Width	Hole Centres	Hole Diameter
						Inches					
CAM 900STR	9	12,000	1 7/8	1 7/8	0.59	0.20	0.20	1 1/2	0.78	4	0.39
CAM 900HSTRHVV	9	15,000	2 1/8	1 7/8	0.64	0.25	0.25	1 1/2	0.69	4	0.39

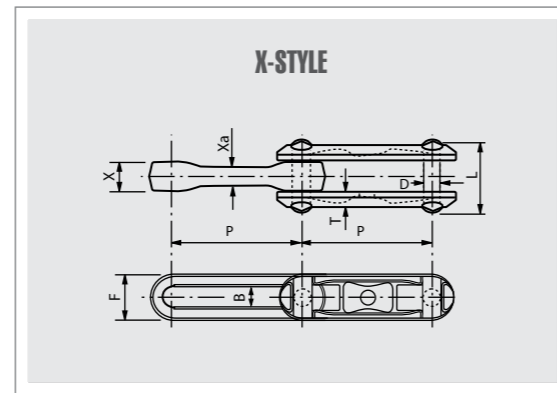
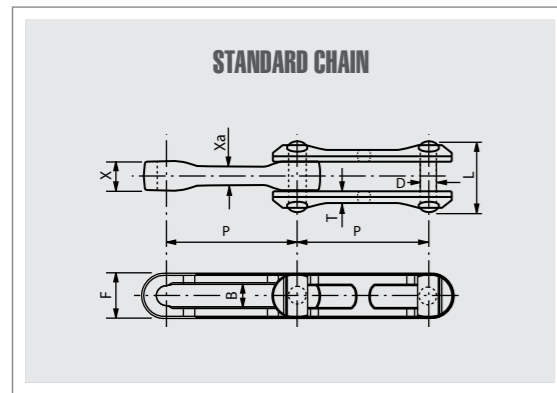
'J' BAR SORTER CHAIN – 8" PITCH



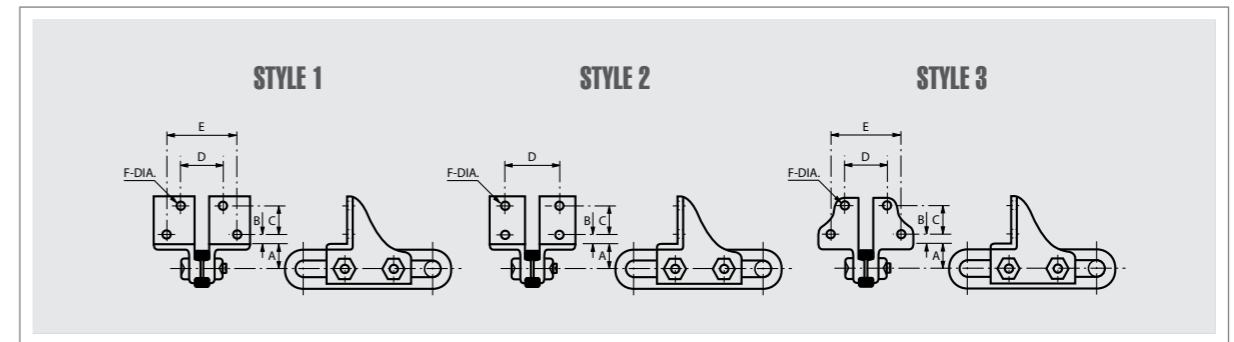
Chain Number	Links		Average Weight	Avg. Ultimate Strength	Pitch	C	D	E	G	H	J	K	M	N	W	T1	T2
	Pcs./Foot	Lbs/Foot															
					P												
						Inches											
3939*	1.5	1.55	24,000	8,000	1.930	0.900	0.432	1.740	1.125	1.500	3.620	0.280	0.410	1.060	0.155	0.155	
3939-4	1.5	1.55	24,000	8,000	1.930	0.900	0.432	1.740	1.125	1.500	4.000	0.280	0.280	1.060	0.155	0.155	
3939-H	1.5	2.40	37,000	8,000	2.300	0.900	0.432	2.000	1.125	1.500	4.000	0.280	0.280	1.060	0.250	0.250	

* Sometimes referred to as 81X-8.

F-2 ATTACHMENTS



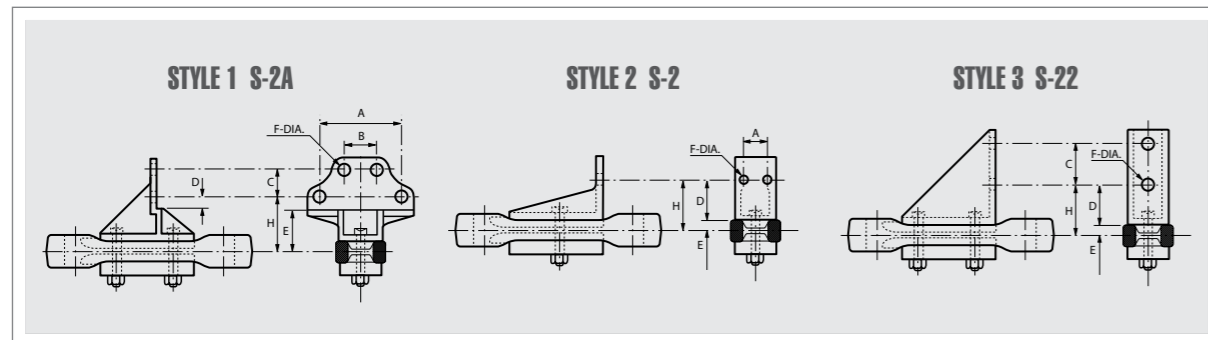
Chain Number	Reference Pitch P	Width of centre link opening B (min.)	Pin Diameter = Chain Height D	F (max.)	Chain width over pins L (max.)	Sidebar Thickness T	Centre link width X	Centre link width - secondary Xa	Number of Pitches
X-348	3	0.531	0.500	1.078	1.750	0.400	0.750	0.500	4
X-458	4	0.660	0.630	1.430	2.250	0.470	1.000	0.630	3
468	4	0.840	0.750	1.880	3.340	0.630	1.630	1.130	3
X-658	6	0.660	0.630	1.410	2.250	0.480	1.020	0.630	2
X-678	6	0.970	0.870	2.000	3.130	0.750	1.280	0.840	2
698	6	1.190	1.120	2.690	3.750	0.850	1.560	1.000	2
998	9	1.190	1.120	2.690	3.750	0.880	1.560	1.000	1 1/3
9118	9	1.450	1.380	3.130	4.880	1.250	1.940	1.310	1 1/3
9148	9	1.910	1.750	3.780	5.850	1.380	2.470	1.630	1 1/3



Type*	Chain Size	Style	Part Number	A	B	C	D	E	Bolt Diameter F	Weight Each Lbs	Material** Each
				Inches							
A	458	2	4F2C	13/16	1	1 hole	3 7/16		1/2	0.81	M.I.
A	468	2	4F2J	31/32	1	1 1/4	3 15/16		1/2	1.40	M.I.
A	468	2	4F2S	31/32	1	1 hole	3 15/16		1/2	0.93	M.I.
S	468	2	4F2D	15/16	1 5/8	1 hole	3 7/8		1/2	1.77	M.I.
A	678	1	6F2C	1 1/16	7/8	1 3/8	2 9/16	4 3/16	1/2	1.94	M.I.
A	678	3	6F2F	1 1/16	7/8	1 1/4	2 1/16	4 5/16	1/2	1.85	M.I.
A	698	2	6F2D	1 9/32	3/4	2	3 15/16		1/2	2.45	M.I.
A	998	2	9F2S	1 25/32	3/4	2	3 15/16		1/2	3.74	M.I.
A	998	2	9F2A	1 17/64	3/4	2	6		1/2	3.56	M.I.
A	998	3	9F2F	1 11/16	5/8	2 5/16	2 7/32	6 13/16	1/2	3.37	M.I.
A	998	2	9F2D	1 9/32	3/4	2	3 15/16		1/2	2.96	M.I.
A	9118	2	9F2C	1 5/8	5/8	2	4		1/2	3.90	M.I.
A	9148	1	9F2R	1 5/8	1 1/4	4	4 1/8	6 1/2	5/8	8.15	M.I.

*S - Side Link Attachment A - Bolted Centre Link Attachment **M.I. - Malleable Iron

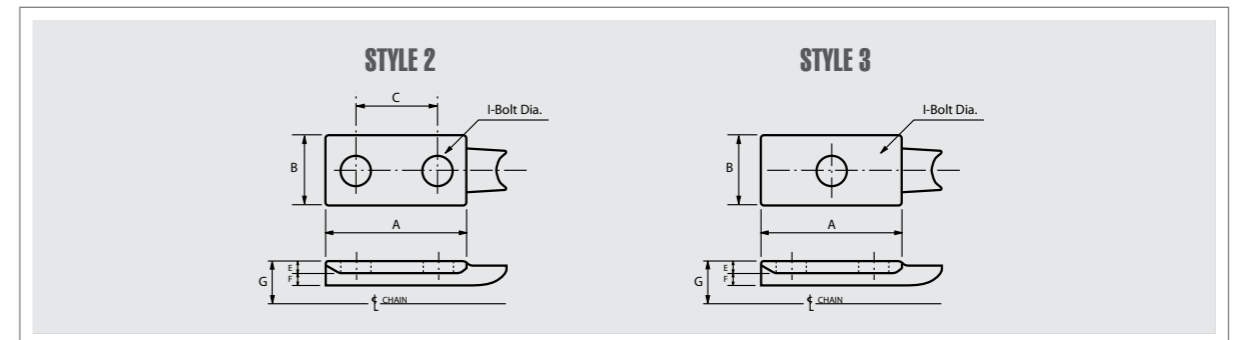
S ATTACHMENTS



Chain Size	Style	Part Number	A	B	C	D	E	Bolt Diameter F	H	Weight Lbs	Material* Each
			Inches								
458	3	4S2B			2	1 15/16	5/16	1/2	2 1/4	1.46	M.I.
468	2	4S2A	1 1/2			2 1/16	9/16	1/2	2 5/8	1.05	M.I.
468	3	4S2D			2	2 3/16	9/16	1/2	2 3/4	1.63	M.I.
678	2	6S2A	1 1/2			3	13/32	5/8	3 13/32	2.50	M.I.
678	1	6S2D	5 3/16	2 1/8		1 3/4		1/2	3 15/32	4.64	M.I.
678	3	6S2BK			2 1/4	2 9/16	13/32	5/8	2 31/32	3.32	M.I. & C.S.
698	3	6S2W			2 1/2	3 1/2	1/2	3/4	4	4.25	M.I. & C.S.
998	3	9S22			3	2 3/4	1/2	3/4	3 1/4	8.00	M.I.
998	1	9S2A	5 3/16	2 1/8		1 3/4	1 7/16	2 1/2	3 15/16	8.10	M.I.
998	3	9S2D			6 7/16	3 1/2	1/2	5/8	4	10.50	M.I.
9118	3	9S2F			6 1/2	3 9/16	11/16	3/4	4 1/4	12.00	M.I.
9148	3	9S2C			6 7/16	3 11/16	13/16	3/4	4 1/2	12.10	C.S.

*M.I. - Malleable Iron, C.S. - Cast Steel

FILLER BLOCKS

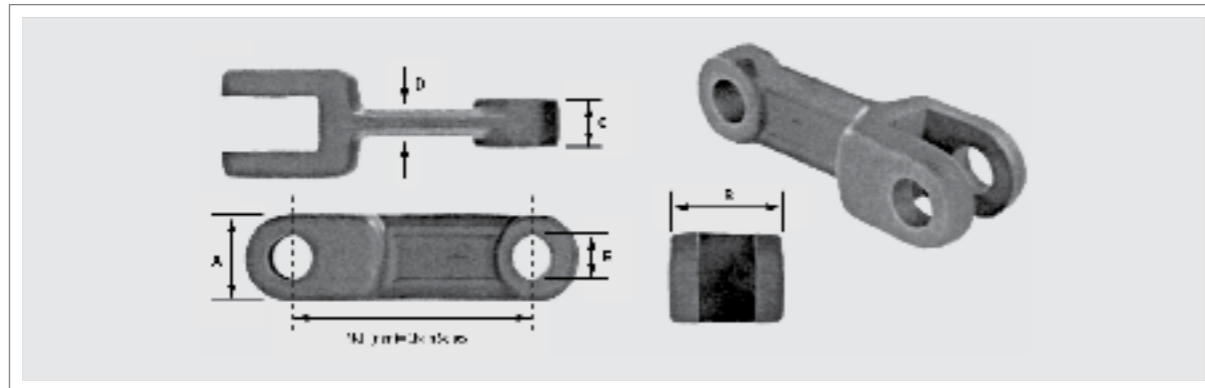


Chain Size	Style	Part Number	A	B	C	E	F	G	Bolt Diameter I	Weight Each Lbs
			Inches							
458	3	4-A-3-B	2 1/4	1 3/8		5/16	5/16	5/8	1/2	0.60
468	3	4-A-3-A	1 7/8	1 7/16		5/16	7/16	7/8	1/2	0.60
678	3	6-A-3-B	3 5/8	1 13/16		5/16	5/16	23/32	5/8	0.90
698	3	6-A-3	2 31/32	2 3/8		11/32	7/16	27/32	3/4	0.92
998	2	9-A-3	5 31/32	2 3/8	3 3/4	3/8	7/16	7/8	5/8	1.75
9118	2	9-A-3-B	5 3/8	3	3 5/32	3/8	9/16	1 1/16	3/4	2.15
9148	2	9-A-3-R	4 3/8	3 1/4	2 1/2	3/8	11/16	1 3/16	3/4	2.81

*M.I. - Malleable Iron C.S. - Cast Steel

ENGINEERING NOTES

To provide the proper chain strength for your application, the data below illustrates the ultimate strength of the chain along with its recommended nominal working load. CDM Systems uses a 5.5:1 safety ratio for proper application.



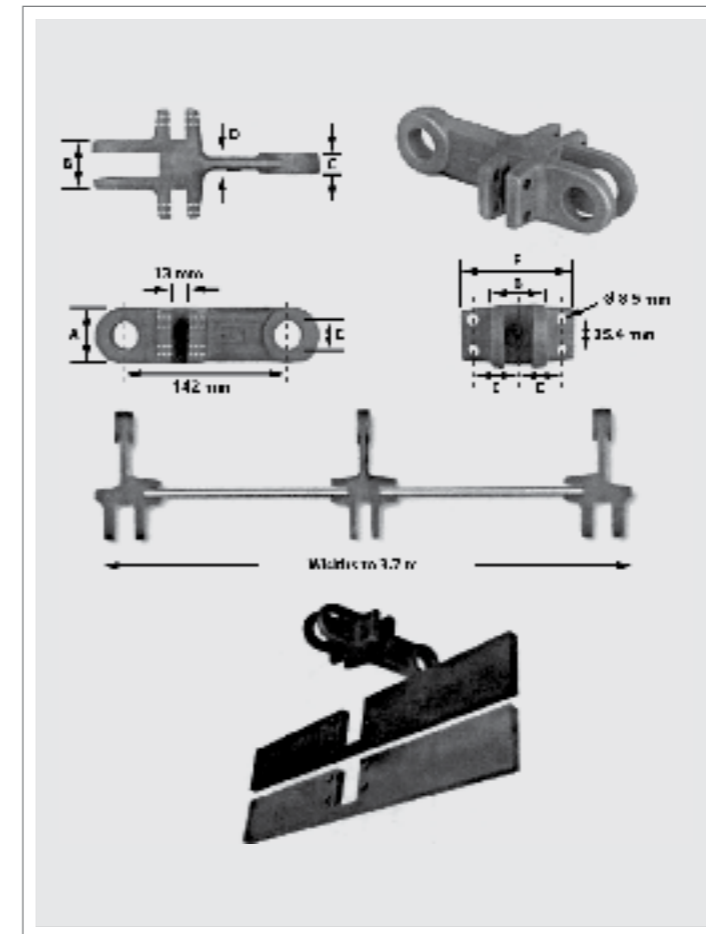
Chain Series	Ultimate Strength	Working Load	Weight	Inches					Recommended Sprocket Type
				A	B	C	D	E	
102 HVY	38,000	6,900	0.99	1.375	1.260	0.550	0.354	0.709	Symmetrical ONLY
142 STD	73,000	13,000	2.45	1.970	1.650	0.750	0.470	0.980	Symmetrical
142 HVY	99,000	18,000	3.74	1.970	2.440	1.140	0.630	0.980	Symmetrical
142 STD/DBL	73,000	13,000	3.41	See table on page 50 for dimensional					Non-symmetrical
142 HVY/DBL	99,000	18,000	4.72	See table on page 50 for dimensional					Non-symmetrical
260 STD	150,000	27,270	14.00	2.950	2.760	1.180	0.790	1.260	Non-symmetrical

APPLICATIONS

Typical applications for the triple (TPL) series chains include single-strand flight widths up to 30", and, when used in tandem with DBL series chains (for triple strand widths), flight widths reaching up to 12'-0" (3.7m).

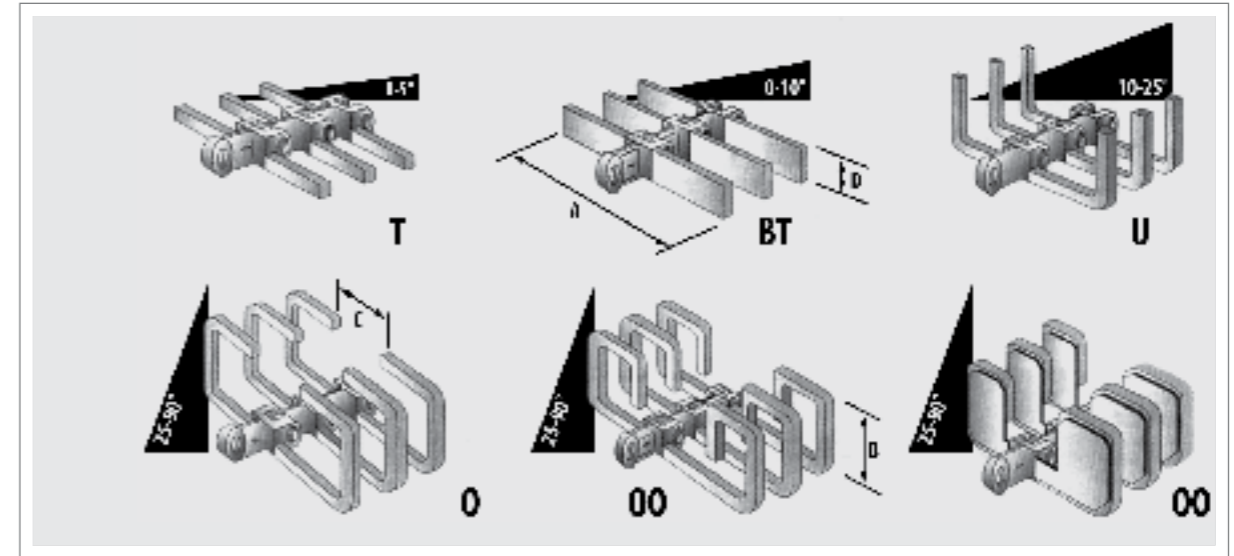
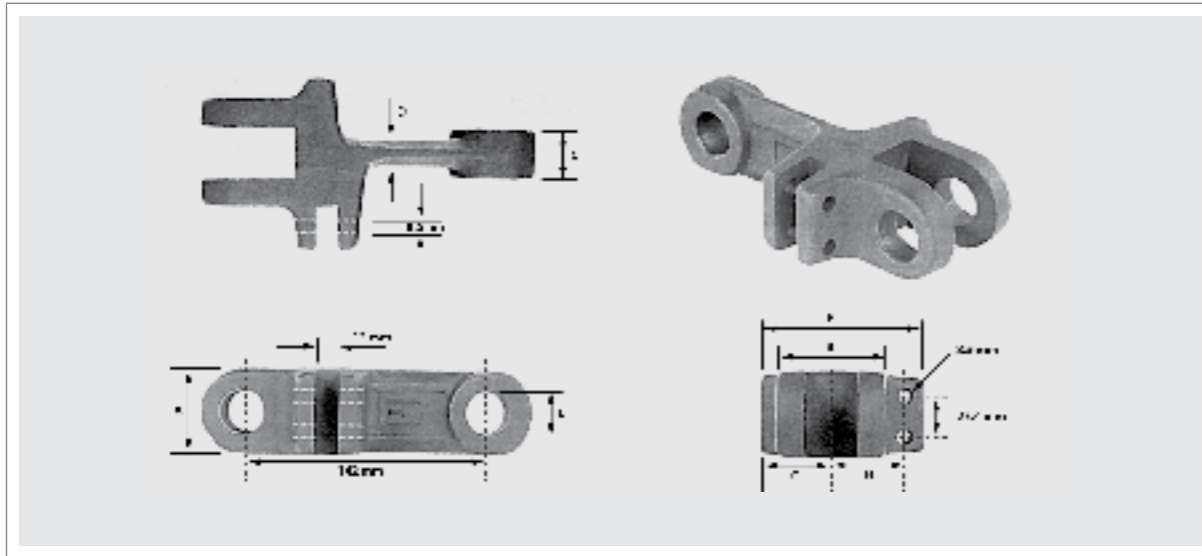
TECHNICAL NOTES

The retaining mechanisms used to fasten flights onto the TPL link are standard 142 series U-pins or optional 5/16" grade 8 bolts, identical to those used with the DBL-series link shown on page 50. Also available for the TPL link are single-slotted flights that can be made in a variety of materials, shapes and sizes. These can easily be slipped into the groove of the chain link and fastened with a set of U-pins. Because of their unique design, 142 TPL links require the use of non-symmetrical sprockets ('TN' series) as illustrated on page 39.



Chain Series	Ultimate Strength	Working Load	Weight	Inches					
				A	B	C	D	E	F
142 STD/TPL	73,000	13,000	4.07	1.97	1.65	0.75	0.47	1.41	3.62
142 HVY/TPL	99,000	18,000	5.40	1.97	2.44	1.14	0.63	1.71	4.42

This chain type requires the use of non-symmetrical sprocket plates.



Chain Series	Ultimate Strength	Working Load	Weight								
				A	B	C	D	E	F	G	H
142 STD/DBL	73,000	13,000	3.41	1.97	1.65	0.75	0.47	0.98	3.11	1.30	1.41
142 HVY/DBL	99,000	18,000	4.72	1.97	2.44	1.14	0.63	0.98	3.90	1.69	1.71

This chain type requires the use of non-symmetrical sprocket plates.

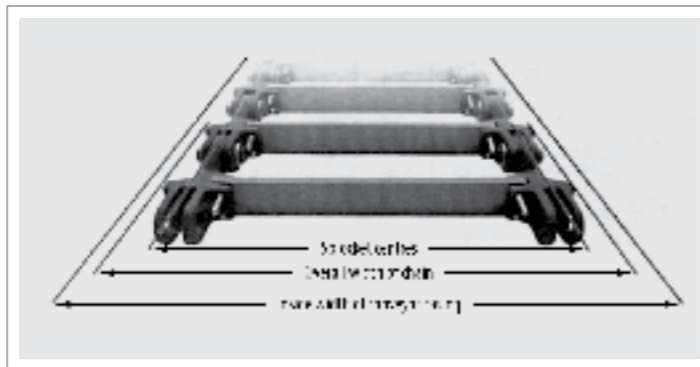
Chain Series	Conveyor Size	Weight (Flights only*)									
		A	B	C	D	T	BT	U	O	OO	OO*
102 Series	10	9.88	4.50	3.00	1.38	-	2.20	-	2.50	2.80	-
	12	11.88	4.50	3.00	1.38	-	2.50	-	2.80	3.10	-
	14	13.88	4.50	3.00	1.38	-	2.80	-	3.30	3.60	-
	16	15.63	4.50	3.00	1.38	-	3.10	-	3.50	3.80	-
142 STD	11	10.94	5.88	4.75	2.00	1.41	2.36	3.10	3.62	4.40	5.62
	15	14.88	7.56	5.50	2.00	2.04	3.41	4.30	5.45	6.80	9.38
	19	18.81	10.00	6.25	2.00	2.72	4.45	5.65	7.16	9.27	14.07
	25	24.69	10.00	6.25	2.00	3.60	6.01	6.60	9.07	11.25	18.19
	30	29.81	10.00	6.25	2.00	4.43	7.39	7.44	10.66	12.90	21.67

TO CALCULATE:

- Sprocket Centres:** Subtract J from the overall chain width
- Flight Length:** Subtract K from the overall chain width
- Hole Centres:** Subtract L from the overall chain length

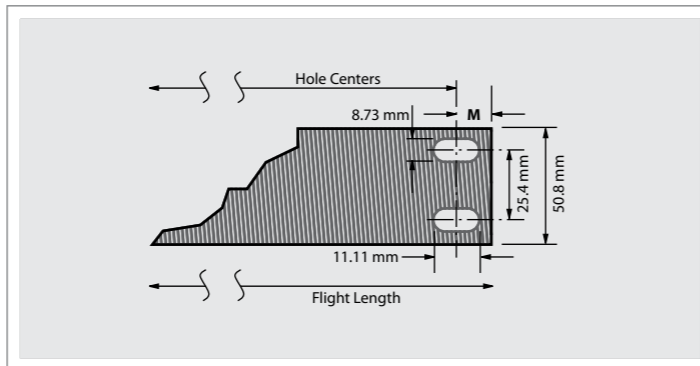
NOTE:

Use non-symmetrical sprockets. Flights over 2" high should be notched for sprocket clearance.



DOUBLE SERIES FLIGHTS

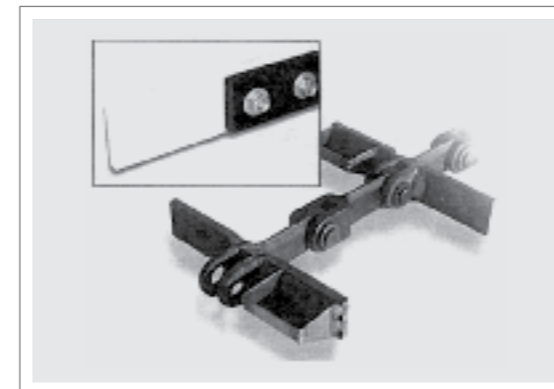
The DBL-series flight cutaway diagram shows the slots located at each end of the flight, which allow for expansion and contraction during operation. One U-pin connector connects each end of this type of flight to a DBL-series chain link. In applications where the flight operates under unusually heavy loads or extreme widths, a stiffener is welded to the back of the flight for extra stability. Although the U-pin is the most common (and preferred) method of fastening DBL flights, 5/16" (8mm) grade-8 bolts can be substituted.



Chain Style	Inches			
	J	K	L	M
142 STD/DBL	2.60	4.39	1.06	0.53
142 HVY/DBL	3.38	5.95	0.87	0.43

DESIGNATING FLIGHTS:

- BT-1 Flight every link
- BT-2 Flight every 2nd link, etc.



APPLICATIONS

The flights illustrated above represent the most frequently demanded designs in the industry and are by no means the only styles available. The T and BT style flights are used for horizontal through slight incline applications, normally between 0 to 10°, while the U flight can be used for horizontal/incline combinations through approximately 25°. The Modified BT, O, OO, and OO with filler plates are utilized in horizontal/inclined applications through 90° (vertical).

TECHNICAL DATA

The flight configurations represented above can handle the majority of your material handling requirements. The letter designator represents the style of the flight, while the number designates its frequency among links.

Leaf chains are well-suited for any application requiring flexible, high-strength linkage for reciprocating motion or lifting at relatively low speed. For their low cost and long life, these chains are widely used for lift trucks, masts and other lifting as well as construction, mining machines and balance or counterweights of machine tools.

CONSTRUCTION AND LACING COMBINATIONS

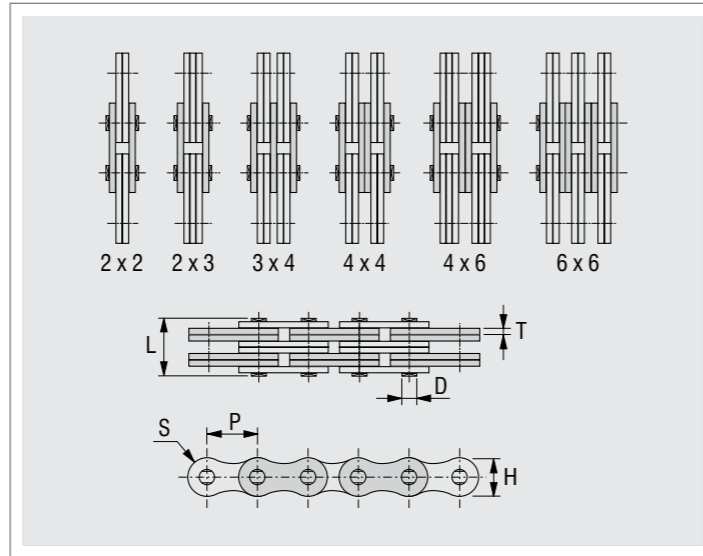
Built of interlaced plates held together by riveted pins. The chain nomenclature indicates the lacing combinations.

AL SERIES (LIGHT DUTY)

Consisting of link plates of the same contour and thickness as the pin link plates of ANSI roller chains in the same pitch. Mainly used for relatively constant, low, medium load with less shock.

BL SERIES (HEAVY DUTY)

Consisting of link plates with the thickness of the next larger size of ANSI roller chain. Chiefly used for medium load with greater shock.



Chain Number	Lacing	Pitch	Pin Diameter	Pin Length	Plate Height	Plate Thickness	Hole Diameter	Average Weight	Average Ultimate Strength
		P	D	L	H	T	S (min.)		
Inches								Lbs/Foot	Lbs
AL 422	2 x 2	1/2	0.156	0.331	0.406	0.060	0.1598	0.24	4,000
AL 444	4 x 4			0.587				0.47	8,000
AL 466	6 x 6			0.831				0.70	12,000
AL 522	2 x 2	5/8	0.200	0.425	0.500	0.080	0.2019	0.39	6,600
AL 544	4 x 4			0.760				0.78	13,200
AL 566	6 x 6			1.102				1.16	19,800
AL 622	2 x 2	3/4	0.234	0.550	0.598	0.094	0.2374	0.54	9,360
AL 644	4 x 4			0.894				1.13	18,720
AL 666	6 x 6			1.295				1.65	28,080
AL 822	2 x 2	1	0.312	0.665	0.795	0.125	0.3149	0.95	16,000
AL 844	4 x 4			1.169				1.94	32,000
AL 866	6 x 6			1.705				2.84	48,000
AL 1022	2 x 2	1 1/4	0.375	0.783	0.965	0.156	0.3775	1.65	24,200
AL 1044	4 x 4			1.437				3.23	48,400
AL 1066	6 x 6			2.118				4.86	72,600
AL 1222	2 x 2	1 1/2	0.437	0.965	1.150	0.187	0.4417	2.25	32,000
AL 1244	4 x 4			1.732				4.42	64,000
AL 1266	6 x 6			2.508				6.60	96,000
AL 1422	2 x 2	1 3/4	0.500	1.114	1.346	0.219	0.5047	3.35	46,000
AL 1444	4 x 4			2.028				6.42	92,000
AL 1466	6 x 6			2.909				9.49	138,000
AL 1622	2 x 2	2	0.562	1.263	1.587	0.250	0.5669	4.27	60,600
AL 1644	4 x 4			2.311				8.48	121,200
AL 1666	6 x 6			3.350				12.68	181,800

Chain Number	Lacing	Pitch	Pin Diameter	Pin Length	Plate Height	Plate Thickness	Hole Diameter	Average Weight	Average Ultimate Strength
		P	D	L	H	T	S (min.)		
Inches								Lbs/Foot	Lbs
BL 422	2 x 2	1/2	0.200	0.425	0.463	0.080	0.2019	0.43	6,100
BL 423	2 x 3			0.504				0.53	6,100
BL 434	3 x 4			0.673				0.72	9,200
BL 444	4 x 4			0.760				0.82	12,200
BL 446	4 x 6			0.925				1.06	12,200
BL 466	6 x 6			1.102				1.27	18,400
BL 522	2 x 2	5/8	0.234	0.500	0.577	0.094	0.2374	0.68	9,000
BL 523	2 x 3			0.602				0.80	9,000
BL 534	3 x 4			0.807				1.08	13,600
BL 544	4 x 4			0.894				1.21	18,000
BL 546	4 x 6			1.106				1.52	18,900
BL 566	6 x 6			1.295				1.78	27,200
BL 622	2 x 2	3/4	0.312	0.673	0.691	0.125	0.3153	1.03	14,300
BL 623	2 x 3			0.780				1.27	14,300
BL 634	3 x 4			1.051				1.80	21,450
BL 644	4 x 4			1.169				2.04	28,600
BL 646	4 x 6			1.453				2.79	28,600
BL 666	6 x 6			1.709				3.08	42,900
BL 822	2 x 2	1	0.375	0.783	0.950	0.156	0.3779	1.73	23,100
BL 823	2 x 3			0.957				2.13	23,100
BL 834	3 x 4			1.291				2.94	34,800
BL 844	4 x 4			1.445				3.33	46,200
BL 846	4 x 6			1.787				4.19	46,200
BL 866	6 x 6			2.122				5.00	69,600
BL 1022	2 x 2	1 1/4	0.437	0.965	1.154	0.187	0.4409	2.51	34,000
BL 1023	2 x 3			1.138				3.12	34,000
BL 1034	3 x 4			1.539				4.37	51,000
BL 1044	4 x 4			1.736				4.98	68,000
BL 1046	4 x 6			2.118				6.19	68,000
BL 1066	6 x 6			2.512				7.44	102,000
BL 1222	2 x 2	1 1/2	0.500	1.114	1.382	0.219	0.5047	3.21	44,600
BL 1223	2 x 3			1.362				4.34	44,600
BL 1234	3 x 4			1.807				6.08	66,900
BL 1244	4 x 4			2.012				6.90	89,200
BL 1246	4 x 6			2.480				7.97	89,200
BL 1266	6 x 6			2.913				9.68	133,800
BL 1422	2 x 2	1 3/4	0.562	1.267	1.610	0.250	0.5665	4.87	60,600
BL 1423	2 x 3			1.543				5.98	60,600
BL 1434	3 x 4			2.051				7.80	90,900
BL 1444	4 x 4			2.315				8.65	121,200
BL 1446	4 x 6			2.819				12.00	121,200
BL 1466	6 x 6			3.354				15.01	181,800
BL 1622	2 x 2	2	0.687	1.425	1.839	0.281	0.6937	6.57	84,300
BL 1623	2 x 3			1.736				8.12	84,300
BL 1634	3 x 4			2.334				11.32	126,450
BL 1644	4 x 4			2.610				12.67	168,600
BL 1646	4 x 6			3.173				16.09	168,600
BL 1666	6 x 6			3.803				19.18	252,900
BL 2022	2 x 2	2 1/2	0.936	1.889	2.354	0.375	0.9389	9.66	124,000
BL 2023	2 x 3			2.283				11.98	124,000
BL 2034	3 x 4			3.070				16.68	186,000
BL 2044	4 x 4			3.460				19.03	248,000
BL 2046	4 x 6			4.248				23.70	248,000
BL 2066	6 x 6			5.393				28.11	372,000

Nytro-PVL and Can-Am "ICE"

NYTRO-PVL

Nytro-PVL is a high performance Engineered Plastic developed for high-speed roller, sharptop, and sharp chain applications.

Nytro-PVL high PV (pressure velocity) and self-lubricating features extend chain life by absorbing impact and lowering operating temperatures, resulting in the reduction of costly downtime.

Nytro-PVL chain beds are custom machined to meet rigid dimensional tolerances for specific chain types, and, holds those tolerances better than steel.

Nytro-PVL dramatically reduces lubrication cost and lowers operating noise decibel levels



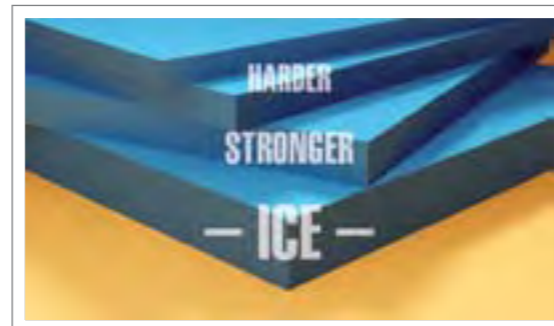
EXTREME DUTY

CAN-AM "ICE"

Can-Am "ICE" is a high performance wear material designed for high load, and tough abrasive applications.

The mechanical properties of Can-Am "ICE" have been modified to increase it's hardness and dimensional stability.

This uniqueness makes Can-Am "ICE" ideal for heavy Mill and Drag chain wear plate applications.



HIGH PERFORMANCE UHMW

Magna-Plate™ and Magna-Wedge™

MAGNA-PLATE™

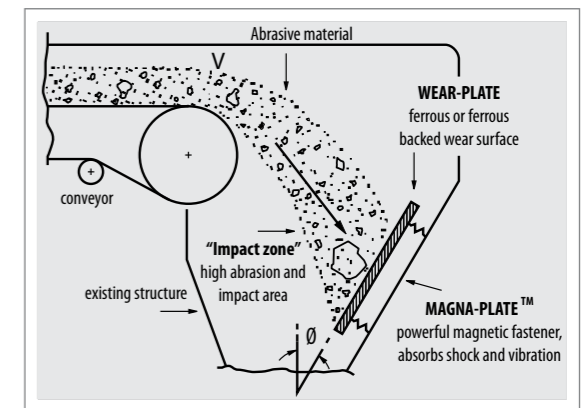
MAGNETIC WEAR PLATE FASTENING SYSTEM

MAGNA-PLATE™ is a highly efficient method of wear plate attachment. This product combines powerful magnetic elements in flexible elastomeric compounds. MAGNA-PLATE™ offers a quick, clean and safe method to attach wear plate.

- Available in three models:
1. Standard
 2. High Impact
 3. Wet Application



- Maintenance free permanent magnetic power
- Fast change out, eliminating welding, gouging and grinding
 - Prevention of weld crystallization
 - Noise and vibration dampening
- Custom designs available to meet specific applications



MAGNA-WEDGE™

TRAMP METAL SEPARATOR

Quick and simple installation

- installs in minutes utilizing the patented MAGNA-PLATE™ fastening system
- applications include vibratory feeders, chutes and hoppers

Decreased maintenance costs

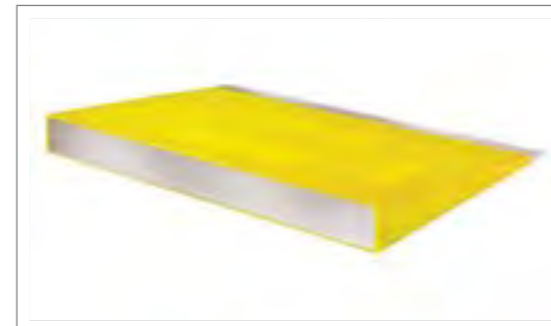
- capture and retain ferrous tramp metal before entering process equipment
- protect chippers, hogs, grinders and other size reduction equipment

Increased uptime

- reduce unnecessary metal detector tripping
- enhanced metal detector performance while permitting higher sensitivity

Quality built

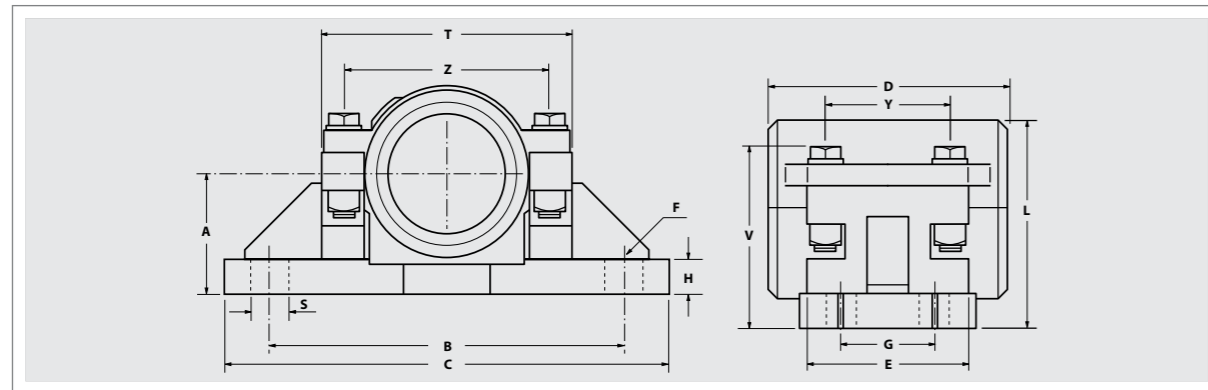
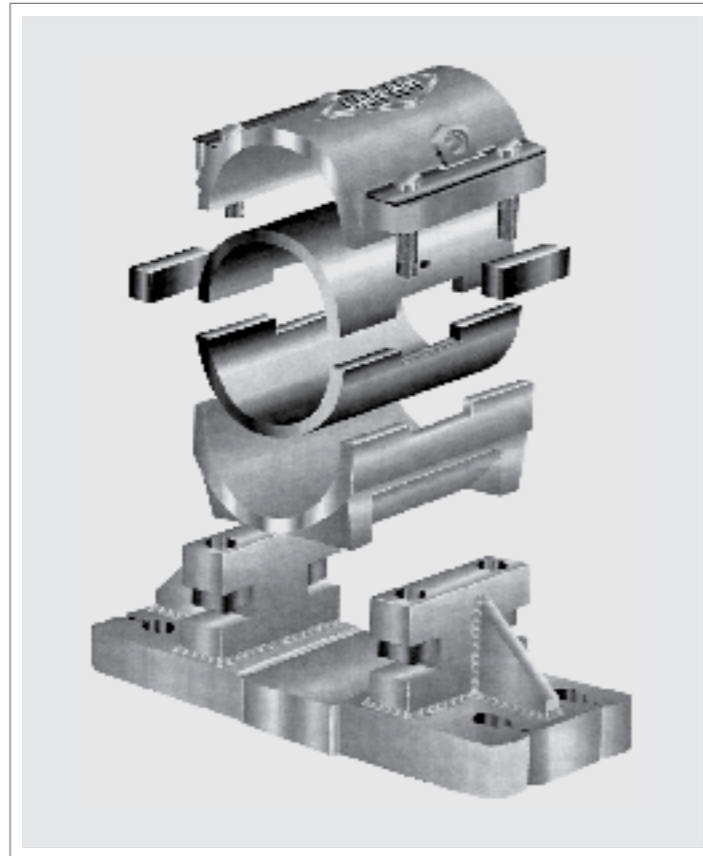
- manufactured out of tough polyurethane, providing years of service
- permanent magnetic power guaranteed to maintain strength



www.magna-skin.com

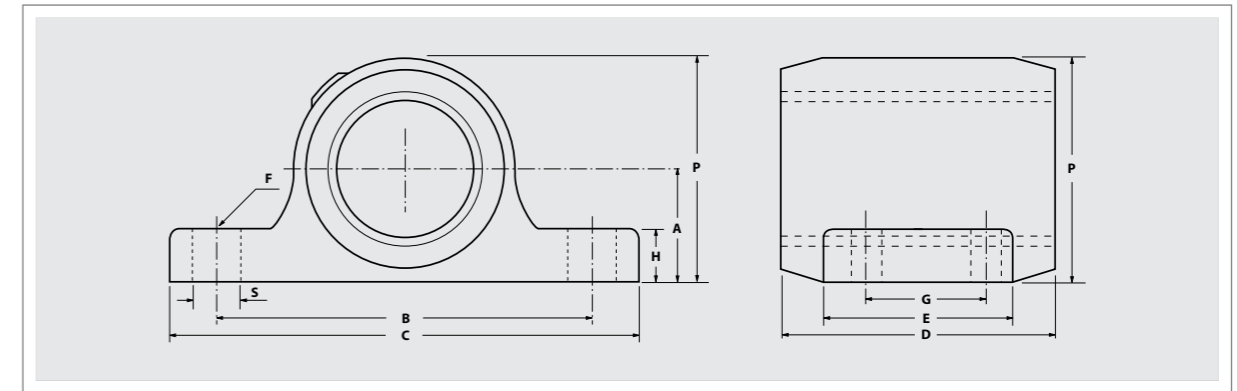
2500 SERIES CAN-AM BEARINGS features include:

- Less down time: 3 piece design allows for quick repair of bearing while base remains in place. Simply jack up shaft 1/4", lift out cap and insert, and replace.
- Recessed grease fittings in castings to prevent damage.
- Excellent for log deck application and any larger slow-moving shafts, rollcases, etc.
- Can be mounted in any position
- Base is fab. or cast steel
- 4 choices of bushing material:
 - urethane
 - bronze
 - babbitt
 - zinc aluminium
 - nytro PVL
- Steel base and ductile iron insert.



	A	B	C	D	E	F	G	H	L	S	T	V	Y	Z	Weight Lbs
2-2500 SERIES (4 BOLT)															
2 7/16	2 3/4	8	10 1/4	5	3 3/4	5/8	2	1	5	1	5 5/8	4 3/8	2 3/4	4 3/4	25
2 15/16	3 1/4	8 3/4	11	6	4 1/4	5/8	2 1/2	1	5 5/8	1	6	5	3 3/16	5	35
3 7/16	3 1/2	10 1/2	13	7	4 3/4	3/4	2 3/4	1	6 3/8	1 1/4	7 1/4	5 1/4	3 5/8	6	46
3 15/16	3 3/4	12	14 3/4	8	5 1/4	3/4	3	1 1/4	6 7/8	1 3/8	7 5/8	5 5/8	4	6 1/2	64
4 7/16	4 1/8	13 1/2	16 1/2	9	6 1/4	7/8	3 1/2	1 1/4	7 5/8	1 1/2	8 7/8	6	4 7/8	7 1/2	90
4 15/16	4 1/2	15	18	10	7	7/8	4	1 1/4	8 1/2	1 5/8	9 1/2	6 1/2	5 1/2	8	115
5 7/16	5 1/2	16 1/2	20 1/2	12	8 1/2	1 1/8	5	1 1/2	10	1 7/8	12	7 5/8	6 3/4	10 1/8	200
5 15/16	5 1/2	16 1/2	20 1/2	12	8 1/2	1 1/8	5	1 1/2	10	1 7/8	12	7 5/8	6 3/4	10 1/8	200
6 7/16	6 1/2	19	23	14	10	1 1/4	6	2	11 1/2	2	14 1/8	8 3/4	7 5/8	12	300
6 15/16	6 1/2	19	23	14	10	1 1/4	6	2	11 1/2	2	14 1/8	8 3/4	7 5/8	12	300
7 7/16, 7 15/16, 8	7	21 1/2	26	16	11	1 1/4	6 3/4	1 3/4	13	2 1/4	17	9 3/4	8 1/2	14 3/8	480
2500 SERIES (2 BOLT)															
2 7/16	2 3/4	8	10 1/4	5	3 3/4	3/4	-	1	5	1 1/8	5 5/8	4 3/8	2 3/4	4 3/4	25
2 15/16	3 1/4	9 1/2	12 1/4	6	4 1/4	7/8	-	1	5 5/8	1 3/8	6	5	3 3/16	5	35

1000 SERIES BEARINGS



	A	B	C	D	E	F	G	H	P	S	Weight Lbs
2-1000 SERIES - 4 BOLT BASE											
2 7/16	2 1/4	7	9 1/4	5	4	5/8	2	1 1/8	4 3/8	1 1/8	14
2 15/16	2 1/2	8 3/4	11 1/4	6	4 1/2	5/8	2 1/2	1 1/4	4 7/8	1 1/8	24
3 7/16	3	10	12 1/2	7	5	3/4	2 3/4	1 3/8	6	1 1/4	36
3 15/16	3 1/4	11	13 3/4	8	5 1/2	3/4	3	1 1/2	6 1/2	1 3/8	51
4 7/16	4 1/8	13 1/2	16 1/2	9	6 1/4	7/8	3 1/2	1 3/4	7 7/8	1 1/2	75
4 15/16	4 1/2	15	18	10	7	7/8	4	1 7/8	8 1/2	1 5/8	100
1000 SERIES - 2 HOLE BASE											
1 15/16	1 3/4	6	8	4	2 3/4	5/8	-	7/8	3 1/2	1	8
2 3/16	2	6 1/2	8 1/2	4 1/2	3	5/8	-	1	3 7/8	1	11
2 7/16	2 1/4	7	9 1/4	5	3 1/4	3/4	-	1 1/8	4 3/8	1 1/8	14
2 15/16	2 1/2	8 1/2	11 1/4	6	4	7/8	-	1 1/4	4 7/8	1 3/8	24

Available in Babbitt, Urethane, Zinc-Aluminium & Bronze bushed. Grease fittings are 45° and countersunk into casting to prevent damage. All bearings have ductile housings, and have machine mounting surfaces.

METRIC BORES ALSO AVAILABLE

BEARING LOAD RATING

BEARING LOAD RATING TABLES

The following load rating tables apply when the following installations and operating conditions are met:

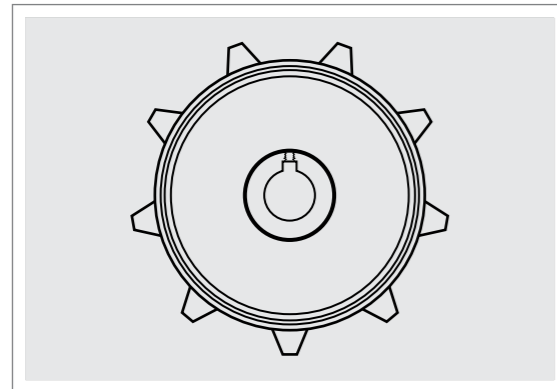
1. Maintain adequate grease lubrication. Use of EP grease is recommended.
2. Align bearings with shaft for uniform load distribution.
3. Normal running loads should not exceed ratings shown in load tables. Starting & occasional peak loads should not exceed ratings by more than 100%.
4. The journal shaft surface should be equal to that of commercial steel shafting (about 32 micro-inches) and the diameter within the tolerances of commercial steel shafting.
5. Ambient temperature should not exceed 130° F for babbitt, 300° F for bronze, 250° F for ZA and 225° F for urethane bushed bearings. If the shaft transmits heat from a source such as an oven, the shaft temperature at the bearing should not exceed these temperatures.
6. Where thrust loads are present, install a bronze washer and fasten it in place with a set collar against end of bearing. The bearing ends are finished.

MILL CHAIN SPROCKETS CD.

Chain Number	Number of Teeth	Pitch Diameter	Max. Bore	Tooth Face
	Pcs.	Inches		
WR-111 PITCH=4.760"	8	12.44	4 15/16	2
	9	13.91	4 15/16	2
	10	15.40	4 15/16	2
	11	16.90	5 15/16	2
	12	18.39	5 15/16	2
	13	19.89	5 15/16	2
	14	21.39	5 15/16	2
	16	24.40	5 15/16	2
	17	25.90	5 15/16	2
	18	27.41	5 15/16	2
WR-132 PITCH=6.050"	8	15.81	5 15/16	2 3/4
	9	17.69	6 15/16	2 3/4
	10	19.58	6 15/16	2 3/4
	11	21.47	6 15/16	2 3/4
	12	23.38	6 15/16	2 3/4
	13	25.28	6 15/16	2 3/4
	14	27.19	6 15/16	2 3/4
	15	29.10	6 15/16	2 3/4
	16	31.01	6 15/16	2 3/4
	18	34.84	6 15/16	2 3/4

Most flame cut sprockets, finished bore K+S.S. or T.K. are supplied from stock. Hardened sprockets also available.

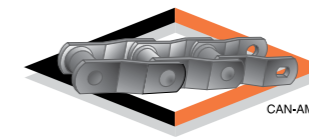
DRAG CHAIN SPROCKETS



Chain Number	Number of Teeth	Pitch Diameter	Max. Bore	Tooth Face
	Pcs.	Inches		
WD-102 PITCH=5.000"	6	10.00	3 15/16	6 3/8
	8	13.07	5 15/16	6 3/8
	9	14.62	5 15/16	6 3/8
	10	16.18	5 15/16	6 3/8
	12	19.32	5 15/16	6 3/8
WD-104 PITCH=6.000"	8	15.68	4 15/16	4 1/8
	9	17.54	5 15/16	4 1/8
	10	19.42	5 15/16	4 1/8
WD-110 WD-113 PITCH=6.000"	6	12.00	4 7/16	9
	8	15.68	5 15/16	9
	9	17.54	5 15/16	9
WD-112 PITCH=8.000"	7	18.44	4 15/16	9
	8	20.90	5 15/16	9
	9	23.39	5 15/16	9

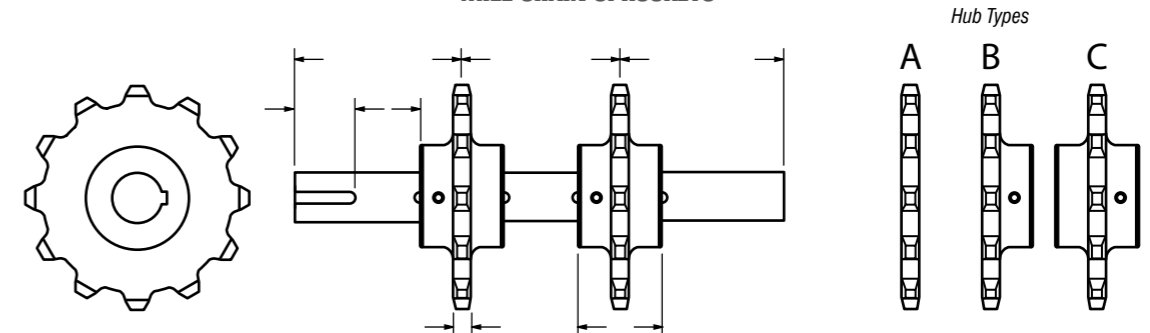
Drag chain sprockets are recommended with a full width tooth to extend chain life. Specify flange width, as the sprockets and idlers are only as wide as the tooth face.

Chain Number	Number of Teeth	Pitch Diameter	Max. Bore	Tooth Face
	Pcs.	Inches		
WR-132	8	15.81	5 15/16	2 3/4
WRC-132	9	17.69	6 15/16	2 3/4
WR-132XHD	10	19.58	6 15/16	2 3/4
WRC-132XHD	11	21.47	6 15/16	2 3/4
WR/WH-157	12	23.38	6 15/16	2 3/4
WH-200	13	25.28	6 15/16	2 3/4
WR-150	14	27.19	6 15/16	2 3/4
WR-155	15	29.10	6 15/16	2 3/4
WR-159	16	31.01	6 15/16	2 3/4
PITCH=6.050"	18	34.84	6 15/16	2 3/4

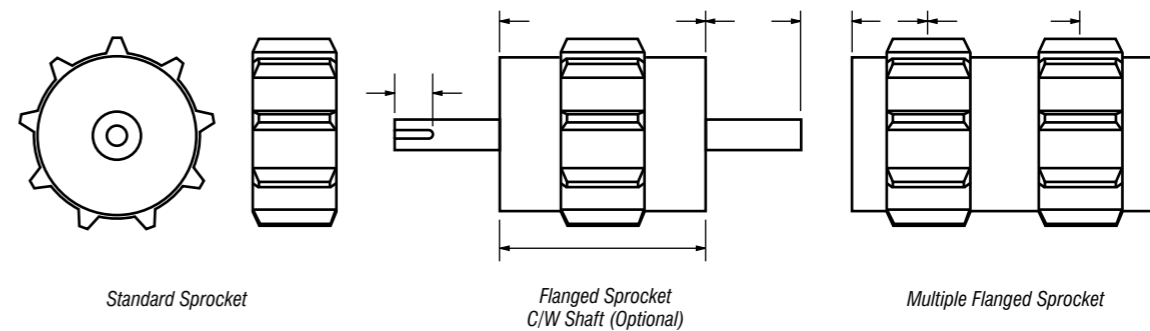


SPROCKET INFORMATION GUIDE

MILL CHAIN SPROCKETS



DRAG CHAIN SPROCKETS



Chain Number	Number of Teeth	Pitch Diameter	Max. Bore	Tooth Face
	Pcs.	Inches		
WD-116 PITCH=8.000"	7	18.44	5 7/16	13
	8	20.90	5 15/16	13
	9	23.39	5 15/16	13
WD-118 PITCH=8.000"	7	18.44	5 7/16	13
	8	20.90	5 15/16	13
	9	23.39	5 15/16	13
WD-120 PITCH=6.000"	6	12.00	5 15/16	8 3/4
	8	15.68	5 15/16	8 3/4
	11	21.30	5 15/16	8 3/4
WD-122 PITCH=8.000"	6	16.00	5 7/16	8 3/4
	7	18.44	5 7/16	8 3/4
	9	23.39	5 15/16	8 3/4
WD-480 PITCH=8.000"	6	16.00	5 7/16	11
	7	18.44	5 7/16	11
	8	20.90	5 15/16	11
	9	23.39	5 15/16	11
	11	28.40	5 15/16	11

ORDER GUIDE

Qty.	To Fit Chain Size	# of Teeth	Hub Style	Bore	Shaft Fit	Keyway <input type="checkbox"/> STD; <input type="checkbox"/> SPEC	Flanged <input type="checkbox"/> Yes; <input type="checkbox"/> No	Mounted on Shaft
					Sliding or Shrink Fit			Yes or No

**STANDARD HUB DETAILS
HUB O.D., KEYWAY & SET SCREW SIZES**

1 7/16" Bore	1 15/16" Bore	2 7/16" Bore	2 15/16" Bore	3 7/16" Bore	3 15/16" Bore	4 7/16" Bore	4 15/16" Bore	5 7/16" Bore	5 15/16" Bore
4" OD Hub	4" OD Hub	5" OD Hub	5" OD Hub	6" OD Hub	7" OD Hub	7" OD Hub	8" OD Hub	9" OD Hub	10" OD Hub
3/8" Keyway	1/2" Keyway	5/8" Keyway	3/4" Keyway	7/8" Keyway	1" Keyway	1" Keyway	1 1/4" Keyway	1 1/4" Keyway	1 1/2" Keyway
3/8" x 3/8" S.S.	1/2" x 1/2" SS	1/2" x 1/2" SS	5/8" x 5/8" SS	3/4" x 3/4" SS	3/4" x 3/4" SS	3/4" x 3/4" SS	7/8" x 7/8" SS	7/8" x 7/8" SS	1" x 1" SS

AVAILABLE OPTIONS TO CAN-AM CHAINS

Most CAN-AM products can be ordered with mechanical properties to suit specific or unique applications. Some of the variables are listed below.

1. Non heat treated sidebars or barrels.
2. Through heat treated sidebars, barrels or rivets.
3. Induction hardening of already through hardened sidebars, barrels and rivets
4. Carborized barrels
5. Normalized sidebars and barrels to improve notch toughness for cold weather applications
6. Zinc plated, hard chrome plated, stainless and other rivets in optional steels e.g. 1541, 8620, 4140, 4340
7. Shot peened rivets
8. Prelubricated chain, (molyslip or other)
9. Construction by means of standard riveting, welded rivets, or pins

Note: All standard mill class chains are supplied with heat treated rivets.

WELDING PROCEDURE FOR CAN-AM STEEL CHAIN

Preheat chain and attachments to 93° – 176° C before welding. Preheat temperature is affected by many variables, some are thickness of material, geometry of attachment, and chemical composition of the steel.

1. Use a dry 7018 electrode, or #116 flux core, or wire feed with argon/CO2 shield.
2. Always observe proper welding techniques.

Note: CAN-AM Chains is not responsible for chain, or attachment failure, or welding defects, when ex-factory welding is the cause of the failure or defect, and that welding has been performed by other than our own factory certified welders.

LUBRICATION

Normal chain wear is often the result of friction between the rivet and I.D. of the barrel. Sprocket size and pitch angle will determine the relative motion between parts, and the degree of wear.

Lubrication of these surfaces would lessen wear and slow the progress of corrosion.

Since lubrication significantly reduces the amount of wear to a chain, it would seem to be good economics to pre-lube chain at the point of manufacture and to lubricate that chain throughout its service life. Even a fine spray of water adds to service life.

BREAK-IN PERIOD

Following a proper and logical “break-in” routine will enhance the service life of welded steel chain products.

CAN-AM RECOMMENDS:

1. Chain should be run empty for a period of 6–8 hours, or whatever is practical. A fine spray of water or other lubricant would promote surfaces to polish up.
2. Make sure sprockets are correctly aligned and that wear strip is in good condition.
3. New chain should always be run on new sprockets. Even if the sprockets are only slightly out of pitch, or have even the smallest “hook” to the teeth, those sprockets will dramatically reduce chain life.
4. Check to ensure that chain will not “bind” or “hang up” along the conveyor path.

SIDLIFT LOG HAUL CONVEYORS

The following recommendations will help in the maintenance of existing conveyors and the design and installation of new systems.

1. **Chain Height** – This dimension is controlled by the angle of incline in degrees of the conveyor. The most satisfactory incline is 30 degrees. Using that figure the chain height should be 1/3 the diameter of the largest log expected. In other words a 36” diameter log must have a 12” high chain minimum.
2. **Head End Design** – The sprocket centre must be far enough back from the end of the log haul conveyor to allow for a skid between the top of the sprocket and the end of the log haul conveyor trough. If this were not designed in this manner, the chain could bump it as it travels around on its way back down the sidelift conveyor.
3. **Chain Return** – A catenary return is best for the chains and conveyor structure, and the slack of the chain should be 5-10% of the sprocket centres.

CONVEYOR INSTALLATION AND MAINTENANCE FOR THE FOREST PRODUCTS INDUSTRY

CAN-AM welded steel chains are manufactured of high quality steels, not available “off the shelf” from any steel supplier. These steels, in combination with careful design and expert manufacturing, have produced a high quality chain product that will give superior life and performance when properly maintained.

The recommendations in this catalogue are based on our own experience and observations after almost 40 years of manufacturing chain for the forest products and other industries. The thoughts and suggestions of millrights, maintenance people, engineers, and others have contributed to our philosophy of the maintenance of chain in an industrial environment.

INSTALLATION OF NEW CHAIN IN A NEW CONVEYOR

Check the following:

1. The width of the trough need not be more than 1/2” wider, on each side, than the overall width of the chain including attachments. Chains should not wander from side to side.
2. The wear strip must be full width of the conveyor so that the chain runs on the sidebar, the barrel of the chain does not support the chain itself.
3. Chains that are run in a trough should be at the correct height. Half the height of the sidebar is a good rule of thumb. If the chain is too low, the log or boards will be slowed in their movement. Conversely, a chain running too high in the trough can be easily forced out of the trough by side loads.
4. The root line of the sprocket or drum should be approximately 1/2” above the level of the conveyor wear strip. This allows the chain to be lifted slightly as it contacts the sprocket. The benefits are: immediate contact with the sprocket tooth, rather than 1/3 the way around the drum, and, improved wear life. A low root line relationship between the sprocket and wear strip causes the chain to be pulled down across the end of the wearstrip. This causes premature wear on the sidebars.
5. Be certain the chain has the correct amount of slack on the return. A good rule of thumb for conveyor chain is 5-10% of the sprocket centers depending on the size and weight of the chain.
6. Pay as much attention to the chain return as to the load side. Use a trough if possible. If not, again, the correct amount of slack is important. Too much slack can cause the chain to sway or jump – a condition that increases chain wear.
7. The last step is never to be forgotten for successful operation. Breaking in a new chain is a very important procedure. The chain should be run, no load, for a few hours (6–8). This will smooth up the chain running surfaces as well as the wear strip and the sprocket tooth face and allow rivet OD and barrel ID to polish up. This will ensure maximum life. It is advisable to have a film of clean water on the chain during the break-in period, and for that matter all the time. Water is an excellent lubricant because it will carry away the dirt generated by the chain rubbing the wear strip and sprocket. A fine spray on the chain at the tail end is enough. It is not necessary to have so much water that it makes a mess under the conveyor.

CUT DOWN ON MAINTENANCE COSTS

1. The overall width of the attachment, including the link, should not exceed twice the length of the chain pitch. For example, WR 132 is 6.050 pitch x 2 = 12.1” so, a 13” cradle would be suitable. Anything longer might cause the chain to twist under leverage, and break the link.
2. Head and tail sprockets, when used with attachment chain, should be flanged to locate the attachment when it enters and travels around the sprocket. Flanges are meant only to locate the attachment, not support it. If contact is made, fatigue failures may occur on the attachment welds. Remember to mount the sprocket or idler so that the root line is slightly higher than the wear strip.
3. Flare the trough and return ends slightly to prevent the attachments from hanging up on a squared edge.
4. Wear strips must be full width of the conveyor to support the attachments.
5. The preferred wear strip is a minimum of 450 BHN plate or one of several hardened UHMW products. UHMW, of course, has a very low coefficient of friction, and is best suited for **non-abrasive** locations.
6. Sprocket pitch diameters should be about 4 X’s the chain pitch, for mill chains and 3 X’s the pitch for drag chains. Also, it’s better to use sprockets with an odd number of teeth.
7. Sprocket wear – A hooked sprocket tooth will eventually hold onto the chain beyond it’s normal release point. The worst scenario would have the chain “wrap” the sprocket and break or tear up the drive. Install new chain and sprockets when the chain starts to climb the sprocket tooth, the pitch has now elongated due to wear between the rivet and barrel and possibly elongation of the sidebar hole. This chain will continue to wear itself and the sprocket even more rapidly from this point onward.

Keep the area around tail idlers clear and the idlers themselves turning. Use sprockets if necessary to avoid excess wear on the barrels being dragged around the idler face, if the idler isn’t functioning, for the small difference in cost, it’s always advisable to install sprockets at the tail end of the conveyor.

Keep idlers and drive sprockets aligned.

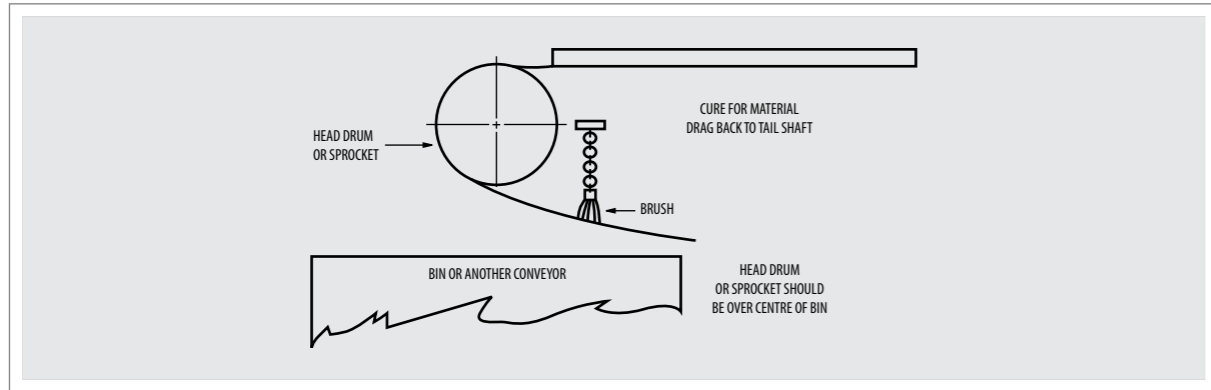
CONVEYOR CHAIN SELECTION

1. Minimize the number of different sizes of chain in use throughout the mill. Quite often the same chain used on a log deck will also be suitable in a waste conveyor by adding on some weld-on cross flights.
2. Conveyor speeds have increased over the years and the chart below, showing recommended maximum FPM, may be of assistance when selecting conveyor chain. Don’t forget that **Induction Hardened** pins & barrels can **further increase** these maximums. Consult with your CAN-AM factory representative. Note the effect that a larger diameter sprocket has on the maximum FPM allowable. If larger sprockets are not practical then often the best answer is to go to a smaller pitch chain. The shorter pitch length will be able to run faster over a given diameter sprocket as its pin & barrel articulation will be less than the larger pitch chain. Also, when reviewing the above, consider using the smaller chain in its XHD version to increase the maximum working load.

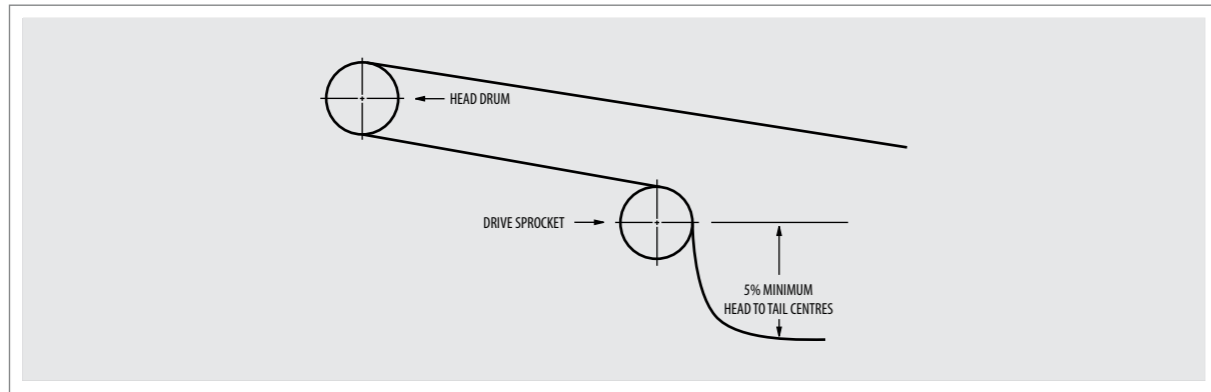
MAXIMUM FPM ALLOWABLE

Number of Teeth Sprocket	Pitch in Inches						
	2	4	6	9	12	18	24
6	254	180	147	120	104	85	68
7	297	210	171	140	121	99	80
8	340	240	196	160	138	113	91
9	382	270	220	180	155	127	103
10	425	300	245	200	173	141	115
11	466	330	270	220	190	156	125
12	509	360	294	240	207	170	
13	551	390	318	260	224	184	
14	594	420	343	280	242	198	
15	636	450	367	300	259	212	
16	677	480	392				
17	717	510	416				
18	761	540	440				
19	803	570	465				
20	844	600					
21	886	630					

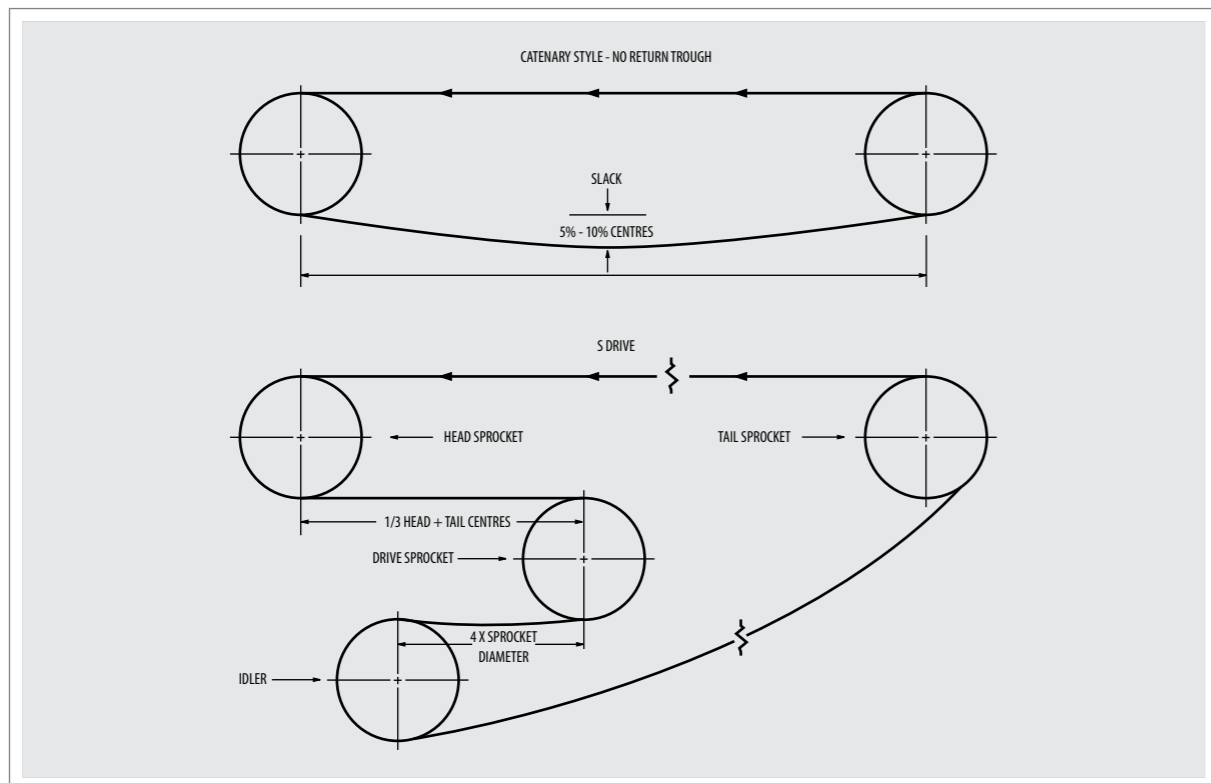
HEAD END DRIVE FOR CHAIN CONVEYORS



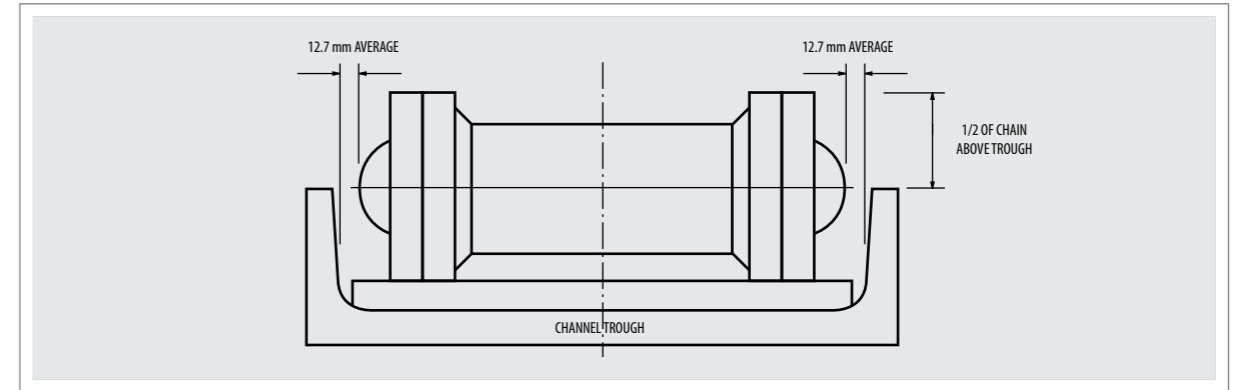
"WATERFALL" DRIVE FOR CHAIN CONVEYORS



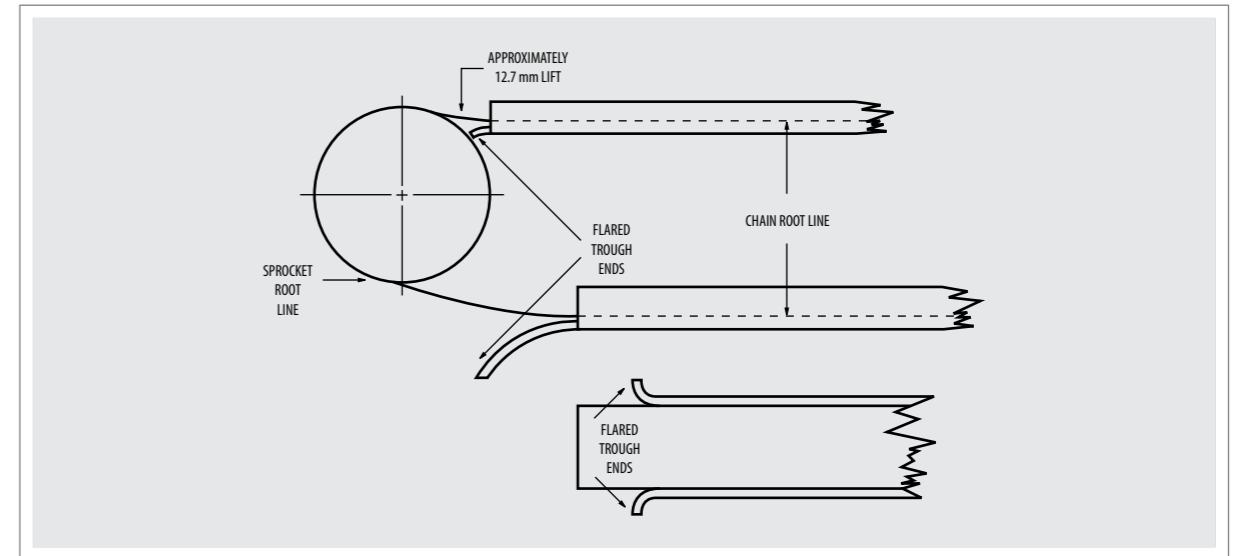
TYPICAL MILL CHAIN DRIVE ARRANGEMENTS



MILL CHAIN FIT IN TROUGH



SPROCKET TO TROUGH ALIGNMENT



TERMS AND CONDITIONS

General

These conditions supercede those contained in all previous quotations, orders and agreements whether written or oral and shall be the only conditions governing future transactions between the seller and the buyer, unless otherwise specifically agreed to in writing by the seller. Clerical errors are subject to correction. Time is of the essence hereof.

Quotation Period

A quotation is valid for a period of Thirty (30) days from quotation date. It is subject to partial acceptance only upon written consent of the seller.

Delays

Delivery dates are estimates only and are predicated on conditions as known to the Seller at the time of the quotation and the Seller shall not be liable for any direct, indirect or consequential damages due to delays or inability to perform caused by factors beyond its control including but not limited to acts of God, flood, war, riot, fire, accident, explosion, labour trouble, acts of Government, delay or default by subcontractors or suppliers of material or services or transportation difficulties. Delivery dates shall be extended by the period of such delay.

Terms

All orders are subject to approval of Seller's Credit Department. All payments past due shall bear interest at the rate of 1-1/2% per month (equivalent to 18% per annum) until paid. Orders cannot be cancelled or changed or deliveries deferred, except on terms satisfactory to the Seller. If the Buyer fails to pay an installment of the purchase price when due, the Seller may stop work and, at the Seller's option, the entire purchase price shall become immediately due and payable.

Payment

All prices quoted are F.O.B. Seller's plant. Sale shall be deemed complete and the property in the goods pass when the goods are ready for delivery. Goods shall be invoiced when ready for delivery and payment thereof shall be net cash Thirty (30) days from the date of invoice. The Seller reserves the right to alter the terms of payment or to require payment prior to the time of delivery if, in the Seller's opinion, the Buyer's financial condition or other circumstances do not warrant delivery on the terms originally agreed upon.

Taxes

Prices quoted are exclusive of all sales and excise taxes, customs duties or other taxes or levies, and the Buyer is to be responsible therefore.

Shipment

If transportation is quoted, the Seller shall decide carrier and method of shipment unless Buyer's instructions have been agreed to by the Seller prior to quotation. The Seller will not be responsible for any loss or damage to the goods after they are ready for delivery to carrier and the Buyer agrees to assume such risks, insurance premiums, special crating or shipping charges shall be arranged and paid for by the Buyer.

Escalation

Prices quoted are based on correct labour rates and material costs and, if applicable, current freight rates, customs duties, taxes and foreign exchange rates and are therefore subject to change to the extent of any change (either before or after acceptance of this quotation and during the contract period) in any of the foregoing items.

Inspection

If Buyer reserves the right to inspect the goods prior to delivery such inspection shall be made within Seven (7) days of Buyer receiving written notice from Seller that the goods are ready for delivery; otherwise Buyer shall be deemed to have waived all rights of inspection and delivery to the Buyer shall be deemed to be complete at the end of the Seven (7) day period.

Storage and Return of Goods

If the Buyer is unable to remove the goods within Thirty (30) days of their delivery ex Seller's plant, the Seller shall be entitled to charge storage on the goods. Goods cannot be returned except upon Seller's written consent, and will be subject to a restocking charge equal to 25% of the Buyer's invoice.

Patents

The Buyer agrees to save the Seller harmless from all patent infringement claims, liability and expense resulting from the Seller's compliance with the Buyer's specifications or designs now or hereafter forming a part of any work or from written instructions of the Buyer directing the manner in which the Seller shall perform any work.

Applicable Law

Any contract between the Buyer and Seller shall be subject to and construed in accordance with the laws of the state or province wherein the goods were supplied from.

Specifications

In accordance with the policy of the Seller to constantly improve its products, the specifications, designs, and dimensions contained in this catalog are subject to change without notice.

Responsibility

The Seller declines responsibility for any damages incurred as a result of improper installation of attachments installed by firms other than the Seller.

Packaging

Chain is shipped in wired bundles of approximately 10 foot lengths. Any other lengths required shall be made on Buyer's authorisation at time of order.

Dimensions and Weights

Tabular dimensions and weights are approximate and nonbinding. Design improvements may result in variations to published figures. Verification is recommended.

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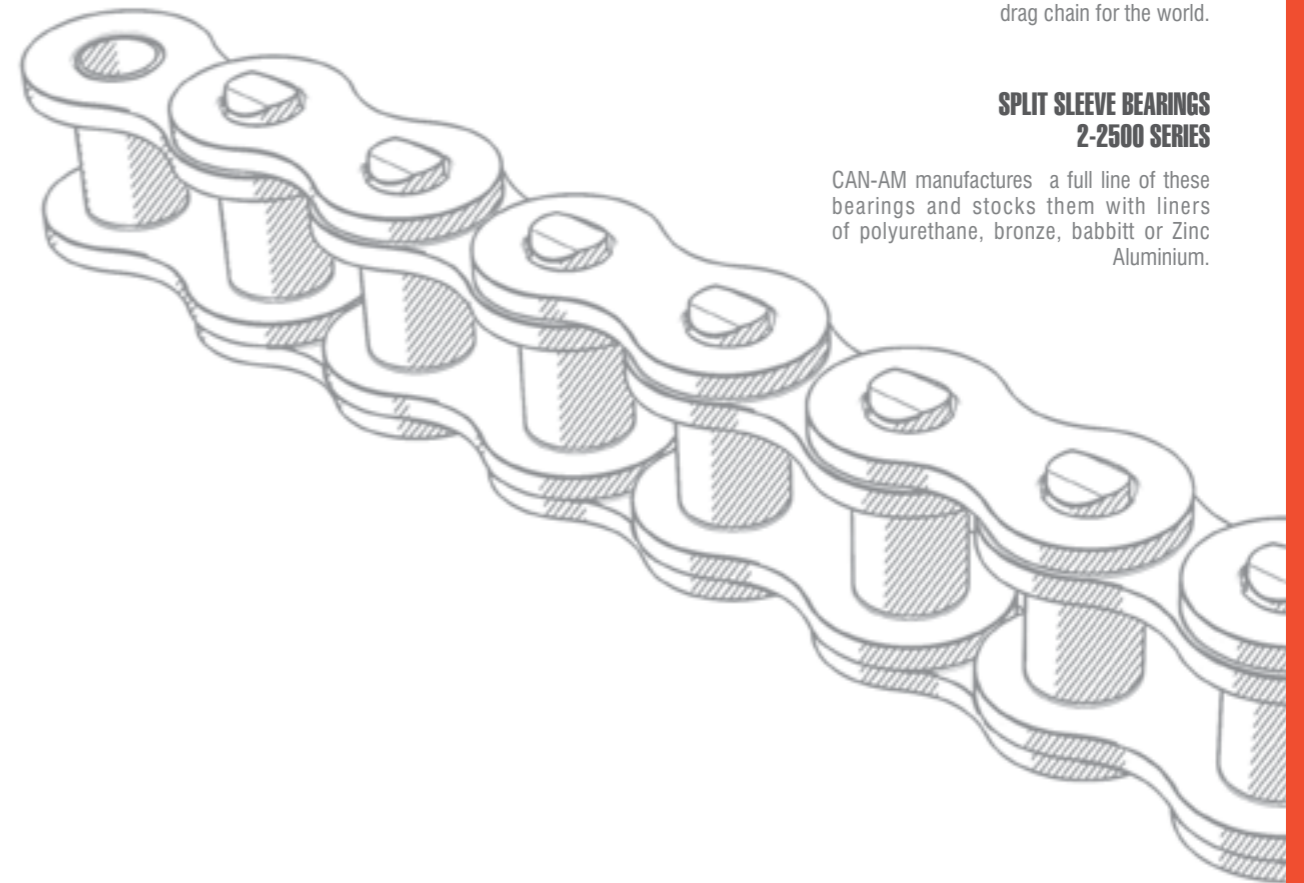
Normally made of mild steel plate. Heat treated and induction hardened plate sprockets with hardnesses from 360 to 500 BHN are available.

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