

# SUPPLY SERVICES

performance engineering products

## CHAIN DESIGNATION

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

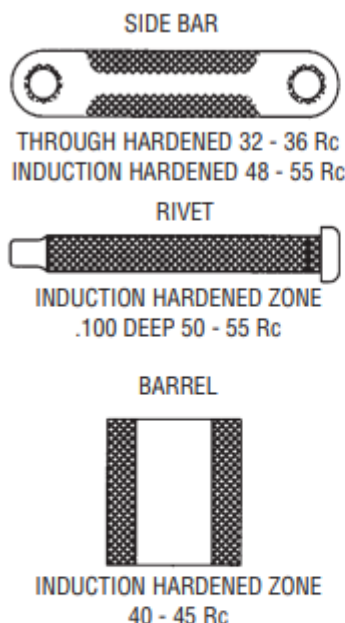
### NOTE:

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

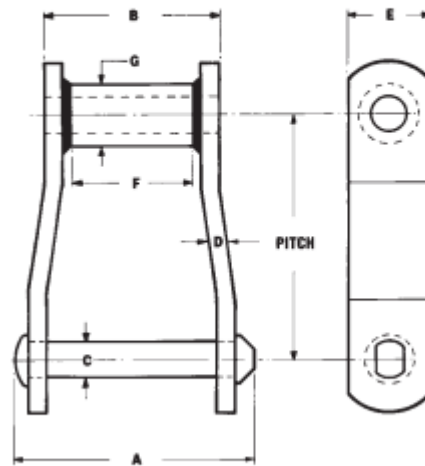
CAN-AM welded steel chains are available from stock with fully heat treated parts and/or induction hardened parts. For maximum chain life in severe applications including heavy impact loading, high speed requirements, capacity loads, or abrasive conditions, some or all of your CAN-AM chain will benefit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

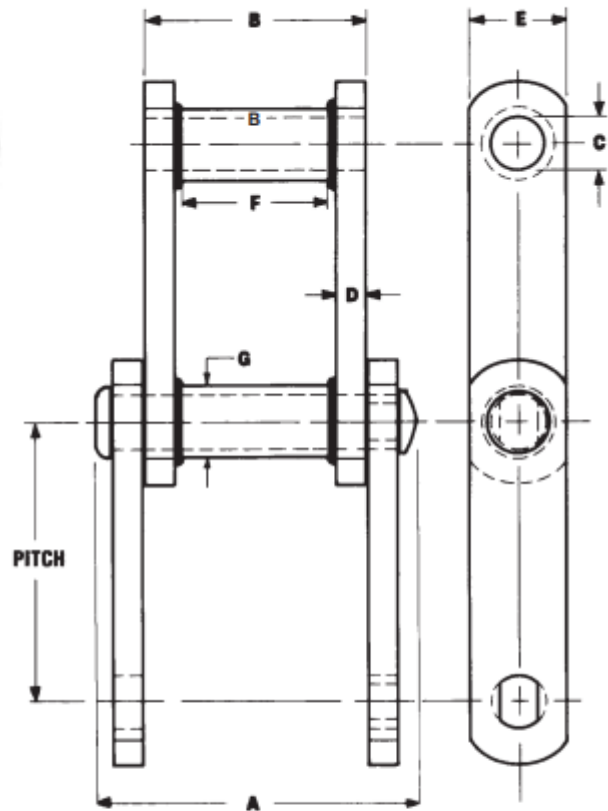
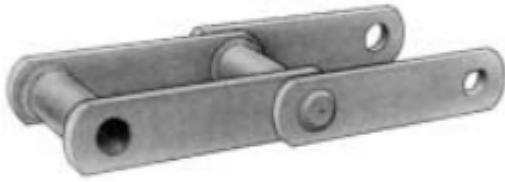


Chain Number	Average Pitch in Inches	Ultimate Strength lbs.	Allowable Working Load lbs.	Links per Foot	Average Weight per Foot in lbs.	Approx. Overall Width	Length of Bearing	Rivet Dia.	Side Bar Thickness	Side Bar Height	Approx. Tooth Face at Pitch Line	Outside Barrel Dia.
						A	B	C	D	E	F	G
WR-78	2.609	27,000	4,500	4.6	4.3	3	2	1/2	1/4	1 1/4	1	.840
WH-78	2.609	33,000	5,500	4.6	4.3	3	2	1/2	1/4	1 1/4	1	.840
WR-78-4	4.000	27,000	4,500	3	3.5	3	2	1/2	1/4	1 1/4	1	.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	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	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	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	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	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	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	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	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	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	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	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	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	26.0	6 3/4	4 5/8	1 1/4	5/8	3	2 3/4	1.9
WH-159	6.125	210,000	32,000	2	26.0	6 3/4	4 5/8	1 1/4	5/8	3	2 3/4	1.9
WR-200	6.125	185,000	28,000	2	22.1	6 3/4	4 5/8	1 1/4	5/8	2 1/2	2 3/4	1.9
WH-200	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

# 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.



A

Chain Number	Average Pitch in Inches	Ultimate Strength lbs.	Allowable Working Load lbs.	Links per Foot	Average Weight per Foot in lbs.	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
WRC-78	2.609	27,000	4,500	4.6	4.3	3	2	1/2	1/4	1 1/4	1	.840
WRC-131*	3.075	50,400	8,400	3.9	6.8	3 9/16	2.0	3/4	3/8	1 1/2	1	1 1/4
WRC-124	4.000	50,400	8,400	3	7.8	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4
WRC-111	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
WRC-110	6.000	50,400	8,400	2	7.2	4 1/4	2 3/4	3/4	3/8	1 1/2	1 1/2	1 1/4
WRC-132	6.050	85,500	14,100	2	14.1	6 1/2	4 13/32	1	1/2	2	2 3/4	1 3/4
WRC-150	6.050	120,000	19,000	2	16.3	6 1/2	4 13/32	1	1/2	2 1/2	2 3/4	1 3/4

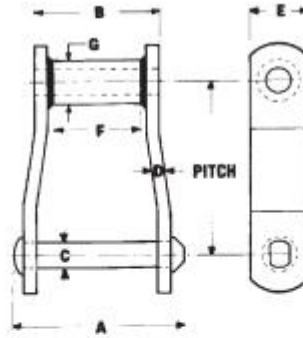
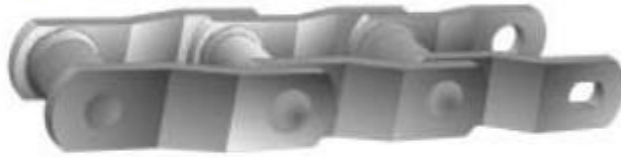
\*Fits in 4" channel

# 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.

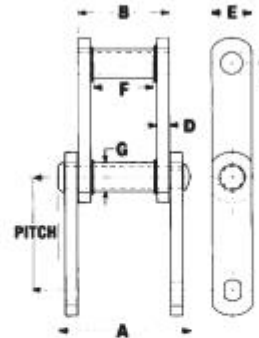
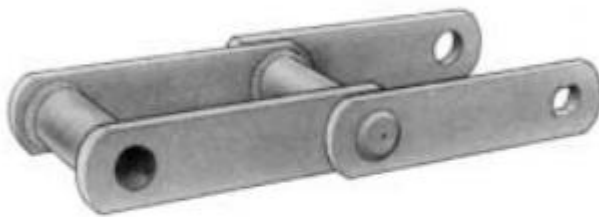
### H TYPE EXTRA HEAVY DUTY CHAIN



Chain Number	Average Pitch in Inches	Ultimate Strength lbs.	Allowable Working Load lbs.	Links per Foot	Average Weight per Foot in lbs.	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
WR-78XHD*	2.636	30,000	5,000	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	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	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	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	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	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	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	Average Pitch in Inches	Ultimate Strength lbs.	Allowable Working Load lbs.	Links per Foot	Average Weight per Foot in lbs.	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
WRC-82XHD	3.075	50,400	8,400	3.9	8.3	3 3/4	2 3/8	3/4	3/8	1 1/2	1 1/8	1 1/4
WRC-124XHD	4.063	85,000	14,200	3	14.6	4 7/8	3	1	1/2	2	1 1/2	1 5/8
WRC-110XHD	6.050	85,000	14,200	2	11.8	4 7/8	3	1	1/2	2	1 1/2	1 3/4
WRC-132XHD	6.050	120,000	20,000	2	15.3	6 3/4	4 21/32	1	5/8	2	2 3/4	1 3/4