

Introduction

Can-Am welded Chains are manufactured for use in extreme conditions.

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

WH IBR — Fully heat treated plus further Induction Hardened Barrels & Rivets

WH IBRS — Same as IBR plus sidebar wear surfaces

WD — Welded steel drag chain

XHD — Extra heavy duty

CS — Cast steel barrel

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.

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



RIVET
INDUCTION HARDENED ZONE
5mm DEEP 50-55 Rc



BARREL
INDUCTION HARDENED 40-45 Rc

