



*"The Best Bar - Bar None!"®*

## What Makes Cannon "The Best Bar - Bar None"®

*All Cannon Bars are made from high grade, custom formulated, cold rolled and annealed steel.*

From the raw steel, each bar is precisely **LASER CUT**.

Once the steel is cut, it is **HEAT TREATED**, oil quenched and press tempered to achieve just the right hardness for strength, durability, toughness and flexibility.

The hardened bars are then carefully **STRAIGHTENED** and **SURFACE GROUND** to the ideal thickness.

Next, surface ground bars are **CNC MILLED**, leaving little margin for error. Different milling patterns are cut, depending on the style of tip that the bar is fitted with.

Once a bar is milled, it is put into the hands of our **MASTER BARMEN**, who give it Cannon's claim to fame, the **PRECISION GROUND GROOVE**. Every bar has a true and centered groove that is accurate to within **.003"** of the desired gauge. It is this care, attention and skilled workmanship that really make our bars stand out against the competition.

Next is the rail hardening. Using a proprietary **FLAME HARDENING PROCESS**, the bar rails are hardened to 5 points more than the tie straps on most models and brands of chain. This special hardening process penetrates much deeper than electric induction hardening and results in much longer bar rail life.

Our longer bars are then **HEEL PRESSED** in order to reduce vibration and prevent premature cracking from vibration.

The bars are then put through a **STRESS RELIEVING SYSTEM** in order to expel tension that builds up in the bars through all of the different processes. This step realigns the molecular structure to ensure that the bars will not be stressed and prone to premature cracking.

Finally the bars are ready for the finishing touches. Cannon applies the attractive brushed **GUNMETAL FINISH** to most of the bars. Some longer lengths and specialty bars still have Cannon's classic matte black painted finish. The bars are stamped with our identifying numbers, and silk screened with our logo. They are now ready to be tipped, put through our **FINAL QUALITY ASSURANCE TESTS**, packaged and shipped to the customer.

**There you have it, all the steps taken to ensure you are GETTING...**

*"The Best Bar - Bar None!"®*

