

Kromite® Cold Drawn

Cold Finished, Annealed, High Strength Alloy Bar

Kromite Cold Drawn is a high strength, cold finished, annealed alloy bar. It is available in squares, flats and hexagons, and can be produced to your specific lengths, or supplied in full lengths up to and including 26 foot.

Kromite Cold Drawn offers distinct advantages compared to other tool room and maintenance steels. It is easy to machine, can be further heat treated, and has close tolerances as furnished. **Kromite CD** is an excellent replacement for commercial “cold roll” which is typically just mild or carbon steel.

Kromite Cold Drawn typically is used for heavy industrial applications such as: jigs, fixtures, tool shanks, and various machine parts.

(Past Protected Trade Name of Ludlow Steel Company – Centrex® Cold Drawn)

Typical Physical Properties*

Brinell Hardness	180/235 BHN
Tensile Strength	114,000 P.S.I.
Yield Strength	100,500 P.S.I.
Elongation	24%
Reduction of Area	47%
Machinability.....	70%

*Based upon 1/2” cross section of material

Available Stock Lengths

Cut To Lengths
10 Ft to 12 Ft Random Lengths
20 Ft to 26 Ft Random Lengths

Tolerances

Typical tolerances approx. -.002” per inch of dimension on thickness & width.
(flats)

Stock Sizes Available



Squares
3/8” to 4”



Hexagons
3/16” to 4”



Flats
1/4” x 3/4” to 2” x 6”

Metric Squares

20MM 30MM 50MM
25MM 40MM

Metric Flats

25MM x 100MM
25MM x 125MM

Key Advantages

Excellent Chemistry – alloy chemistry, not “cold roll” which is generally mild or carbon steel.

Size Availability – single largest in-depth selection of its kind in North America.

Improved Mechanical Properties – cold drawing is cold working and as such an increase in both the tensile and yield strengths is achieved. Greater resistance to “mushrooming” under load when compared to standard cold roll.

Straightness – One half the industry standard, 1/8” in any 5 feet.

“ASC” Tolerance Quality – the tightest in the industry.



For custom, value-added “wear” rail applications where precision tolerances are required, please refer to **Kromite CD60**.

Some sizes of hexagons and squares may be furnished as hot rolled annealed, please inquire.

Boxing is recommended for surface critical bar products.