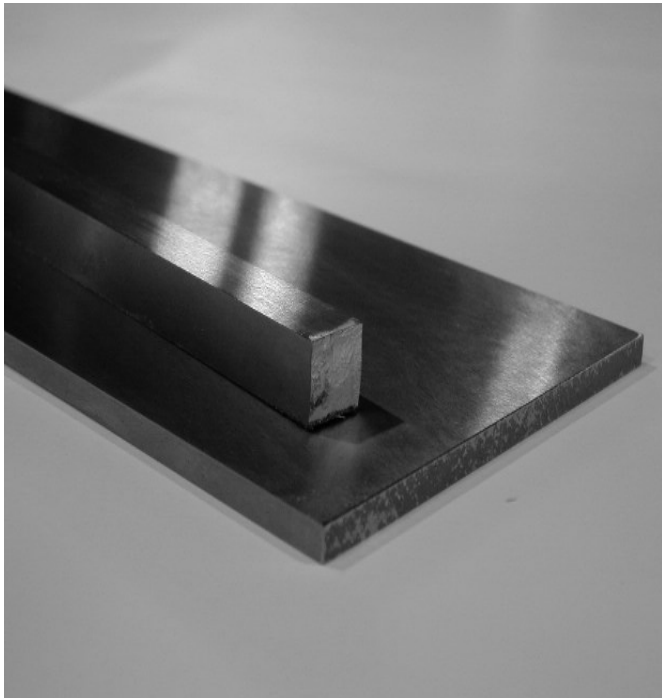


KROMITE® ECONO-FINISH

High Strength, Decarb-Free Alloy, Rc "28-32"



Kromite Econo-Finish is a proprietary high strength alloy, furnished pre-machined, decarb-free and oversize; ready for your finish machining. **Kromite Econo-Finish** is an excellent choice for many tool room applications where toughness is required. Consider this product for dies, molds, support tooling, and various fixtures. This pre-hardened, pre-machined product will dramatically reduce material preparation time and allow you to get finished parts in service quickly and to extend service life.

Kromite Econo-Finish is our Kromite #3 material provided to you with a special "Pre-Machined" surface finish. We insure that all of the decarb (from the heat treating process), has been removed. This "decarb-free" surface finish will accept maximum surface hardening for maximum wear resistance. The PLUS TOLERANCE is provided to minimize machining at your job-site.

(Past Protected Trade Name of Ludlow Steel Company – Centrex® Pre-Machined)

Typical Mechanical Properties

Brinell Hardness269/321 BHN
Tensile Strength 156,000 P.S.I.
Yield Strength 123,500 P.S.I.

Typical Surface Condition*

Ground Top and Bottom (+.015"/+.035" oversize)
Sides Saw Cut (+1/8" oversize)
Length Saw Cut (+1/8" oversize)
*As Delivered (Pre-Machined Condition)

Thermal Treatment Summary*

Tempering – No tempering should be require, since the product is furnished to you in the pre-hardened condition (28/32RC). If you anticipate re-hardening to a higher hardness, inquire on our annealed product.

Annealing - Heat slowly to 1500°F and hold for ½ hour per inch of thickness. Furnace cool at 20°F per hour to 1230°F; air cool to room temperature. Expected hardness is Rockwell 19 "C".

*Above values are typical and are not guaranteed.

Available Sizes



Squares
3/4" to 6"



Flats
1/4" to 6" Thick
1" to 32" Widths

Same material is also available in Flat Ground Stock Condition, see page 61.

Available Lengths

Custom Cut To Lengths
10/12 Ft Random Lengths