

"E.T.D. 150"™ CF ALLOY ROUND BAR

ETD 150 is 4100 H Modified alloy steel, with high tensile and yield strength properties, and it is produced by the Elevated Temperature Drawing process (patented by the LaSalle Steel Co). This process eliminates heat treating and secondary operations such as straightening, finish grinding, and cleaning. ETD 150's machinability is comparable to 4142 Annealed. Warpage and distortion issues, as well as residual stresses from cold working, are reduced during machining. This eliminates heat treating and secondary operations such as straightening, finish grinding, and cleaning

ETD 150 is difficult to weld, but can be accomplished by common welding methods as long as the subject section is preheated prior and stress-relieved afterwards.

LaSalle Steel Co is the producer as well as the registered trademark owner of ETD 150.

ETD 150 Chemical Analysis

C	Mn	P (max)	S (max)	Si	Cr	Mo	Cu	Se
.39/.48	.70/1.10	.04	.04	.15/.35	.75/1.20	.15/.25	.35	.03/.06

ETD 150 ROUND BAR

AED stocks several sizes of ETD 150 round bar. It is produced as a cold finished material in "random lengths" that can range between 11 to 13 feet long. The best pricing is always when you order full lengths, which can be cut for economical shipping methods. AED also offers "cut-to-size" pieces.

ETD 150 meets AMS-6378. Other specifications may also apply.

ETD 150 Round Bar Typical Mechanical Properties:

Tensile Strength (psi)	150,000 min
Yield Strength (psi)	130,000 min
Mean Elongation (% in 2")	10
Mean Reduction of Area (%)	37
Hardness	
Rockwell "C"	32 min
Brinell	302 min

Note: "Typical Mechanical Properties" have been compiled from a variety of sources. Information is deemed reliable, but it is not guaranteed. This data is provided for information only, **NOT FOR DESIGN PURPOSES.**