

Qualities Calibrated Steels

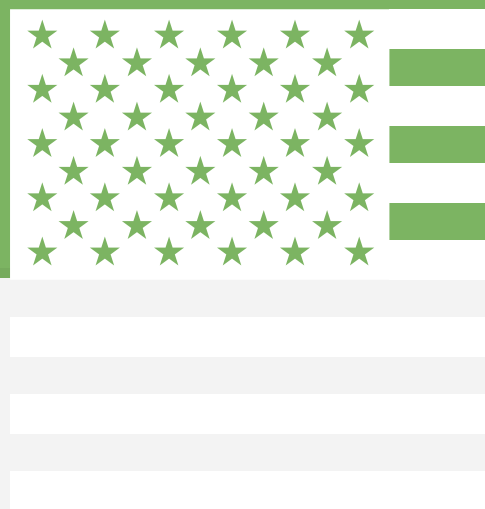
**Eagle Bar Inc. Norm
ASTM A29/29M**



EAGLE BAR INC.
COLD FINISHED STEEL BARS

Qualities
Calibrated Steels

Nonresulfurized Carbon Steel Bars



EAGLE BAR INC.
COLD FINISHED STEEL BARS

Grade Designation	Heat Chemical Ranges and Limits %			
	Carbon	Manganese	Phosphorus, max	Sulfur, max
1008	0,10 max	0,30 - 0,50	0,040	0,050

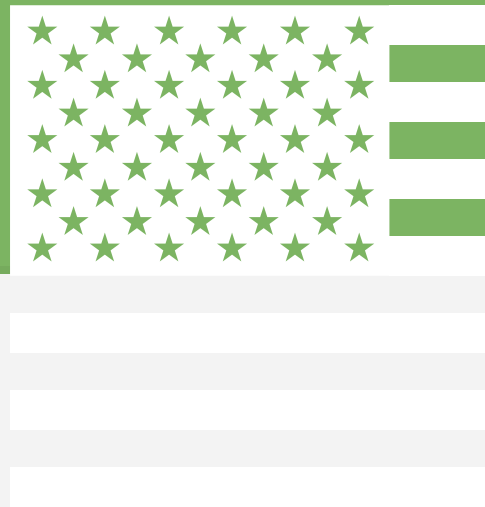
1018

Grade Designation	Heat Chemical Ranges and Limits %			
	Carbon	Manganese	Phosphorus, max	Sulfur, max
1018	0,15 - 0,20	0,60 - 0,90	0,040	0,050

Grade Designation	Heat Chemical Ranges and Limits %			
	Carbon	Manganese	Phosphorus, max	Sulfur, max
1045	0,43 - 0,50	0,60 - 0,90	0,040	0,050

Qualities
Calibrated Steels

Resulfurized Carbon Steel Bars



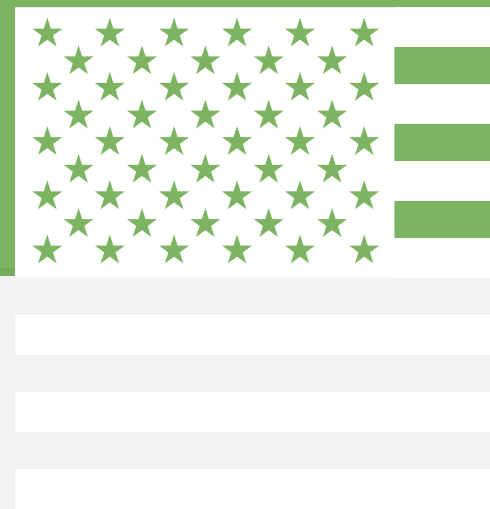
EAGLE BAR INC.
COLD FINISHED STEEL BARS

Grade Designation	Heat Chemical Ranges and Limits %			
	Carbon	Manganese	Phosphorus, max	Sulfur, max
1117	0,14 - 0,20	1,00 - 1,30	0,040	0,08 - 0,13

Grade Designation	Heat Chemical Ranges and Limits %			
	Carbon	Manganese	Phosphorus, max	Sulfur, max
1141	0,37 - 0,45	1,35 - 1,65	0,040	0,08 - 0,13

Grade Designation	Heat Chemical Ranges and Limits %			
	Carbon	Manganese	Phosphorus, max	Sulfur, max
1144	0,40 - 0,48	1,35 - 1,65	0,040	0,24 - 0,33

Qualities
Calibrated Steels



Rephosphorized and Resulfurized Carbon Steel Bars



EAGLE BAR INC.
COLD FINISHED STEEL BARS

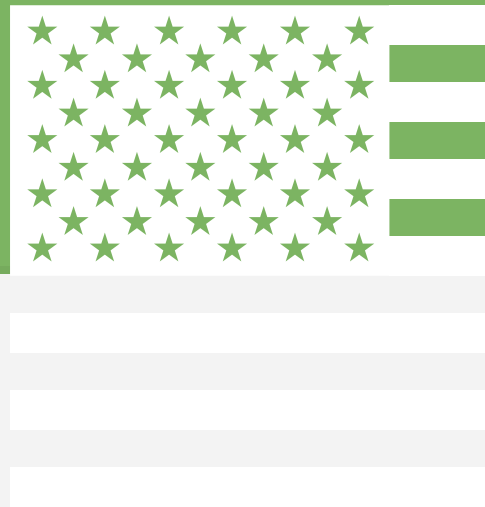
Grade Designation	Heat Chemical Ranges and Limits %				
	Carbon	Manganese	Phosphorus	Sulfur	Lead
1215	0,09 max	0,75 - 1,05	0,04 - 0,09	0,26 - 0,35	-

12L14

Grade Designation	Heat Chemical Ranges and Limits %				
	Carbon	Manganese	Phosphorus	Sulfur	Lead
12L14	0,15 max	0,85 - 1,15	0,04 - 0,09	0,26 - 0,35	0,15 - 0,35

Qualities
Calibrated Steels

Alloy Steel Bars



EAGLE BAR INC.
COLD FINISHED STEEL BARS

Grade Designation	Heat Chemical Ranges and Limits %								
	Carbon	Manganese	Phosphorus, Max	Sulfur, Max	Silicon	Nickel	Chromium	Molybdenum	Vanadium
4140	0,38 - 0,43	0,75 - 1,00	0,035	0,040	0,15 - 0,35	-	0,80 - 1,10	0,15 - 0,25	-

Grade Designation	Heat Chemical Ranges and Limits %								
	Carbon	Manganese	Phosphorus, Max	Sulfur, Max	Silicon	Nickel	Chromium	Molybdenum	Vanadium
8620	0,18 - 0,23	0,70 - 0,90	0,035	0,040	0,15 - 0,35	0,40 - 0,70	0,40 - 0,60	0,15 - 0,25	-



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COLD FINISHED STEEL BARS