TABLE III

Decarburization Limits

Nominal Diameter or Thickness (Inches)	Maximum Affected Depth of Decarburization (Inches)
less than .188	None
.188 to .250	.006
Over .250 to .375	.010
Over .375 to .500	.015
Over .500 to .625	.020
Over .625 to 1.00	.025
Over 1.00 to 2.00	.035
Over 2.00 to 3.00	.048
Over 3.00 to 4.00	.062
Over 4.00 to 5.00	.094
Over 5.00	0.125

3.8 Tolerances: Permissible variations from required dimensions shall be as specified in Federal Standard No. 48. In cases where this standard is not applicable, the tolerances to assure clean-up size shall be as negotiated and specified on the purchase order except that tolerances for extrusions and forgings shall be as specified on the engineering drawing.

3.9 Workmanship: Material shall be premium aircraft quality, sound and free from cracks, laps, seams, foreign materials and other discontinuities detrimental to the fabrication or to the performance of parts.

(C) 3.10 Tensile Properties:

3.10.1 When sampled and tested in accordance with Paragraph 4.2.5, test specimens shall meet the minimum tensile properties at room temperature as specified in the following paragraphs:

3.10.1.1 For all product forms except sheet:

	Longitudinal	Transverse
Ultimate Tensile Strength -		
KSI	240 Max.	240 Max.
KSI	220 Min.	220 Min.
Yield Strength at 0.2% Offset -		
KSI	190	190
Elongation - Percent in 4D		
Up to 50 sq. in.	12	10