TABLE II

Inclusion Limits

ASTM E45 - 61 Inclusion Type	Dimensional Limitations, Thickness or Diameter, Inches	Worst Field
Type A - Thin	0.00016 Max.	1.5
Type A - Heavy	0.00040 Max.	1.0
Type B - Thin	0.0003 to 0.0005, Excl.	1.5
Type B - Heavy	0.0005 to 0.0010, Incl.	1.0
Type C - Thin	0.00020 Max.	1.5
Type C - Heavy	0.00035 Max.	1.0
Type D - Thin	0.0002 to 0.0004, Excl.	2.0
Type D - Heavy	0.0004 to 0.0010, Incl.	1.5

3.6.2.1.1 For Types A, B, and C thin combined, there shall be not more than three (3) fields of No. 1.5A type or No. 1.5B and C types and not more than five (5) other lower rateable A, B, and C type thin fields per specimen. For D type thin, there shall be not more than three (3) No. 2.0 fields and no more than five (5) other lower rateable D type thin fields per specimen. There shall be not more than one (1) field each of No. 1.0 A, B, and C type or No. 1.5D type heavy per specimen.

3.6.2.1.2 A rateable field is defined as one which has a Type A, B, C, or D inclusion rating of at least No. 1.0 thin or heavy in accordance with the dimensional limitations of Table II and the Jernkontoret Chart, Plate III, ASTM E45-51.

3.6.2.2 Magnetic Inspection Test: Test bars removed from ingot material shall be magnetically inspected in accordance with the requirements of Section 4. No more then six (6) discontinuity indications shall be allowed on any one (1) magnetic inspection test bar. Cumulative length of the six (6) allowable indications shall not exceed 1/8 inch.

3.7 Decarburization: Total plus partial decarburization of material shall not exceed the limits specified in Table III.