

Date of Issue: April 2010

Affected Publication: API Standard 6A718, *Nickel Base Alloy 718 (UNS N07718) for Oil and Gas Drilling and Production Equipment*, 2nd Edition, December 2009

ERRATA 1

This errata corrects editorial errors in the 2nd Edition of API Std 6A718.

Page 9, section 5.10 should read:

5.10 Average grain size (see 4.2.2).

Pages 10 through 12, and pages 14 through 18. The measurement on Figures 1 through 6 and Figures 9 through 17 should read:

µm

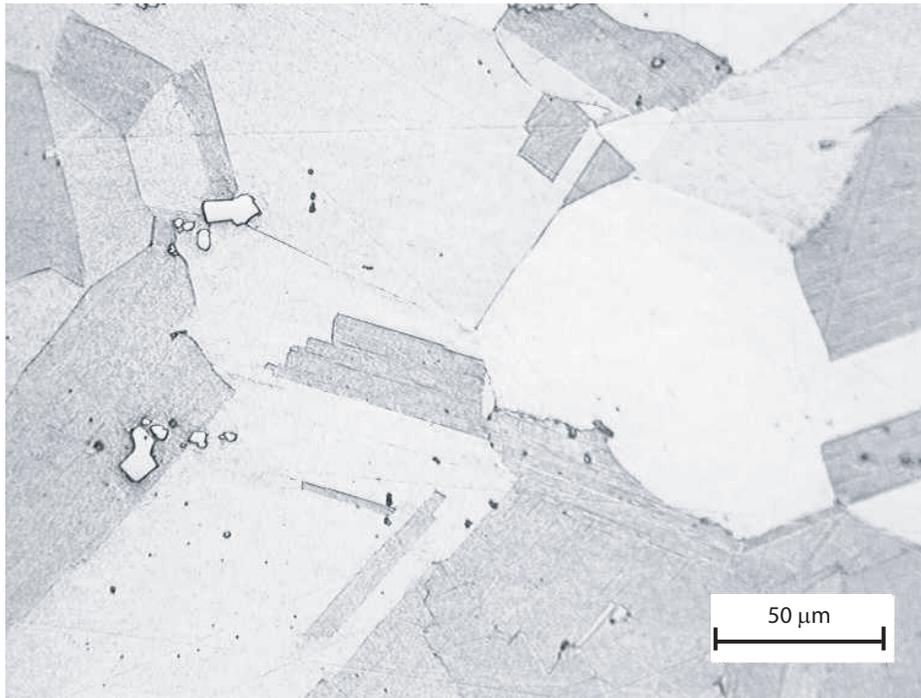
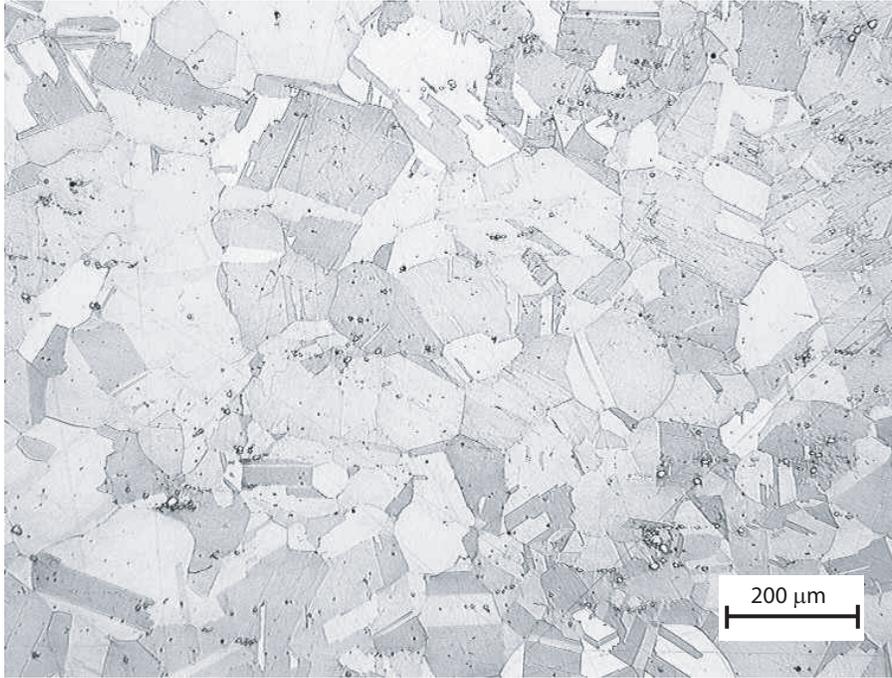
not

mm

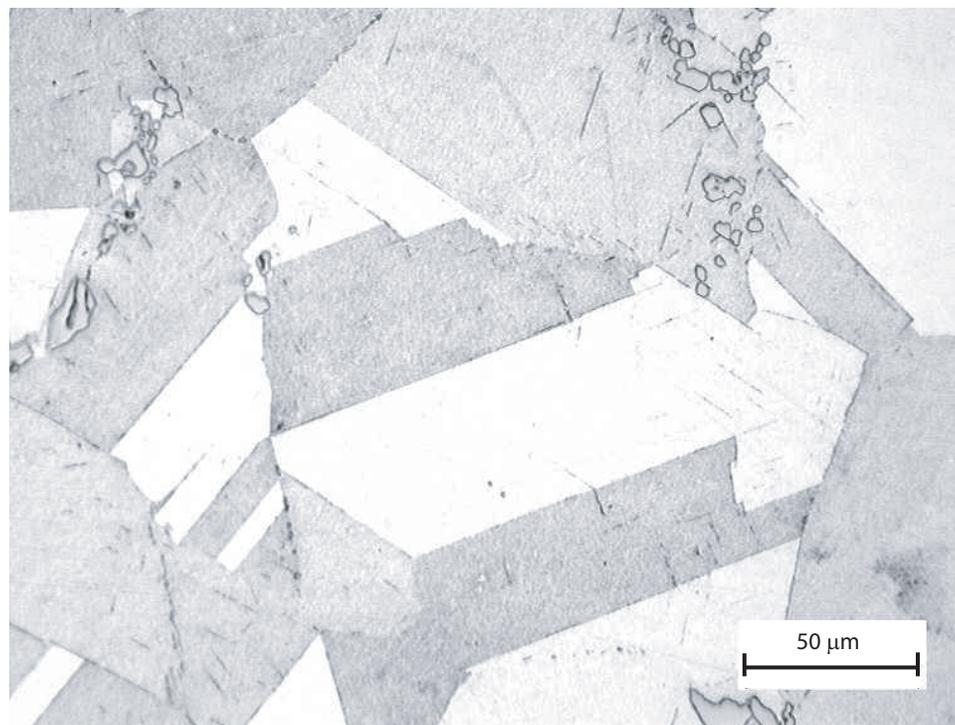
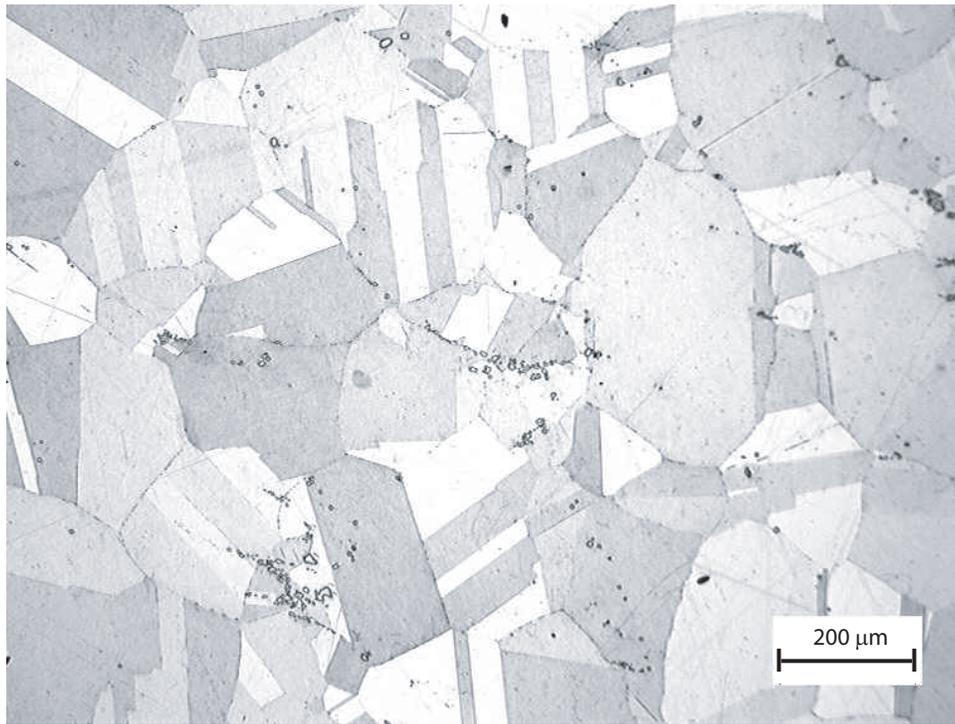
See attached Annex A for replacement pages.

Annex A
(informative)

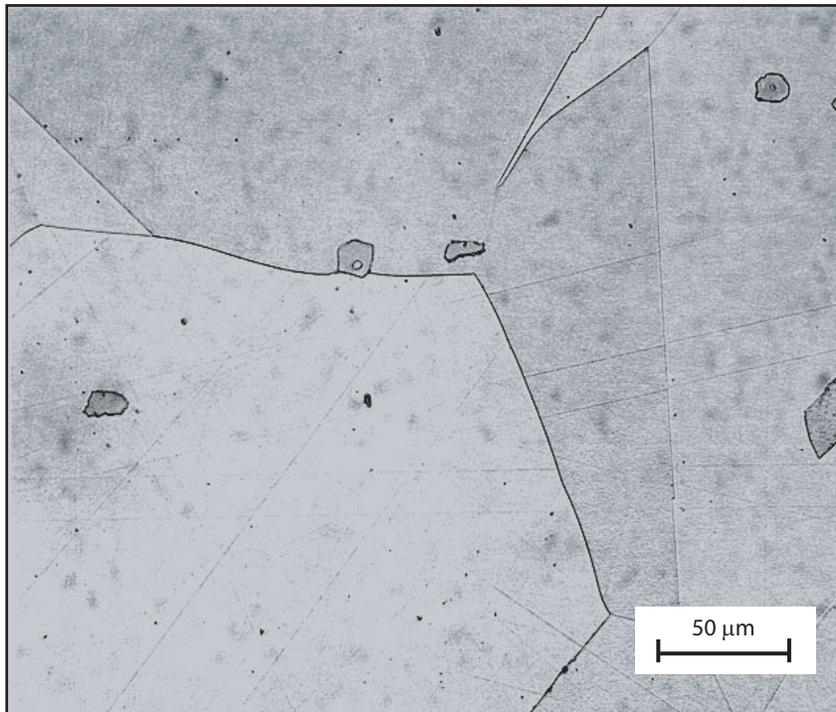
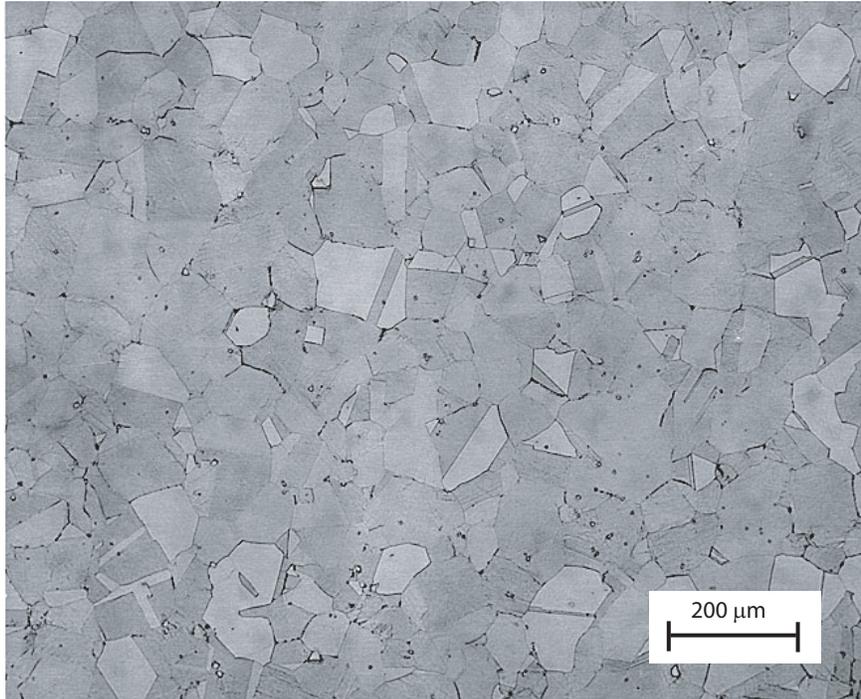
Reference Alloy 718 Microstructures



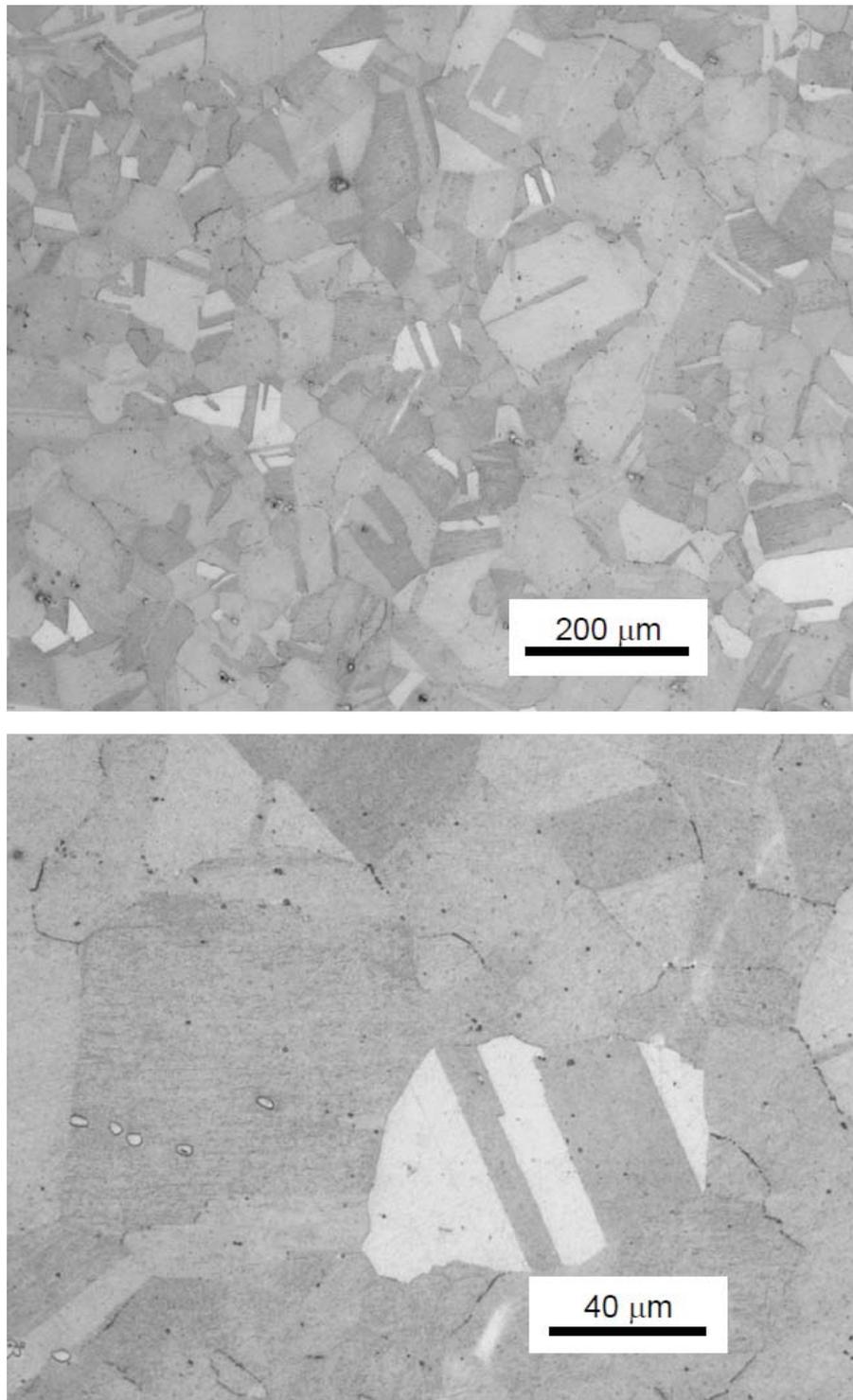
Figures 1 and 2—Acceptable Microstructure—Original Magnification was 100× for Upper Photomicrograph and 500× for Lower Photomicrograph



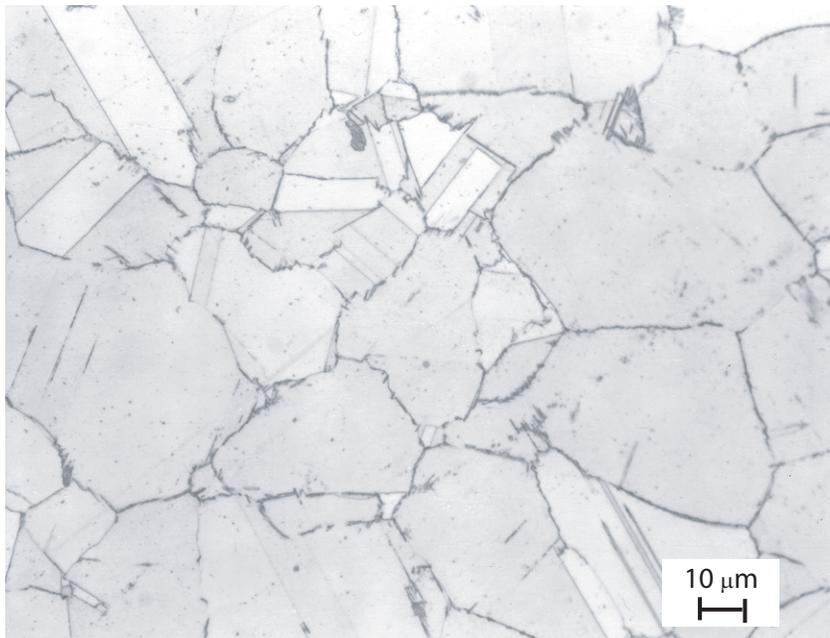
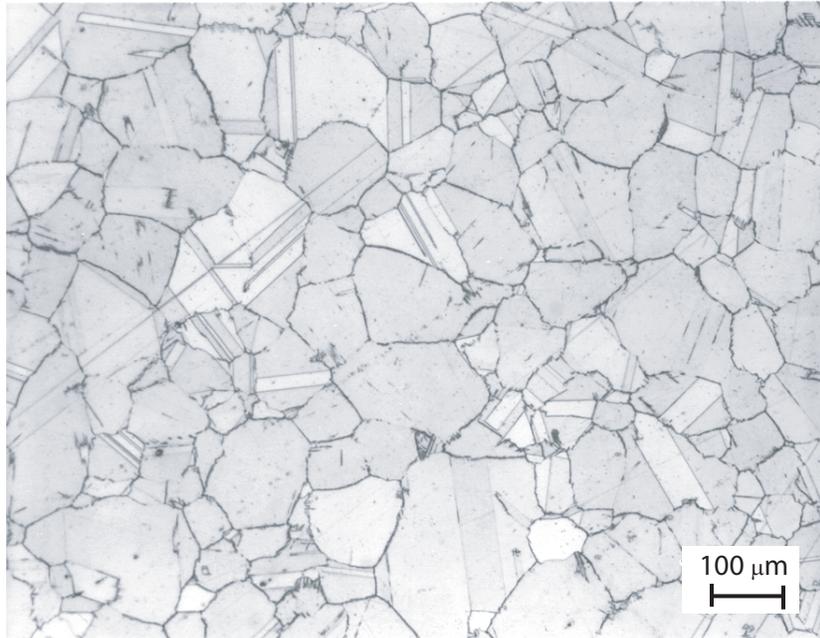
Figures 3 and 4—Acceptable Microstructure—Original Magnification was 100× for Upper Photomicrograph and 500× for Lower Photomicrograph



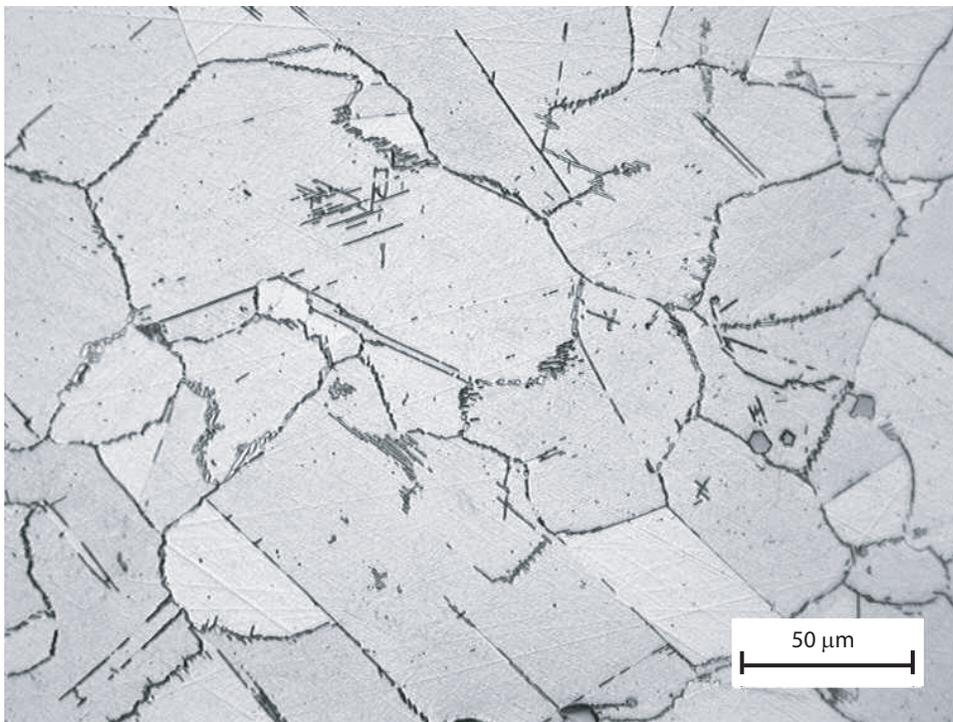
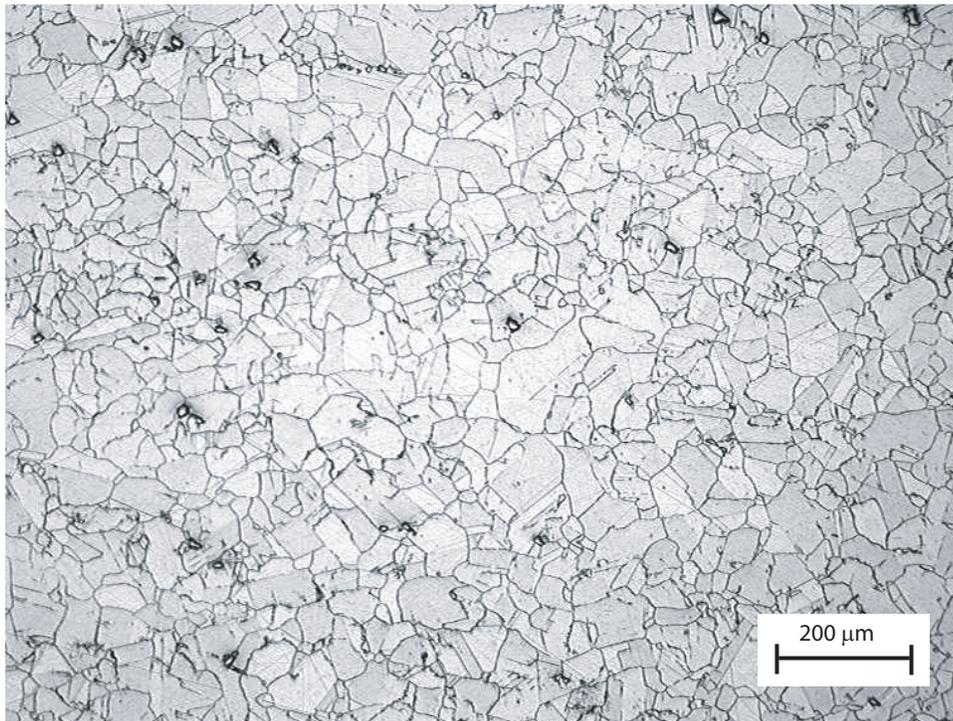
Figures 5 and 6—Acceptable Microstructure with Isolated Grain Boundary Delta Phase—Original Magnification was 100× for Upper Photomicrograph and 500× for Lower Photomicrograph



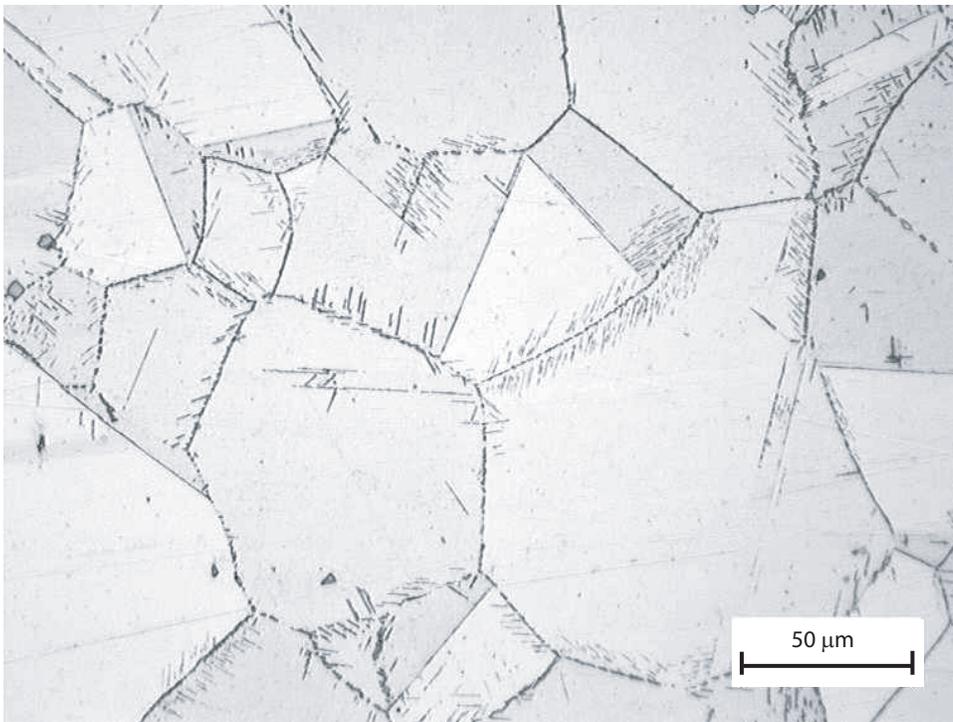
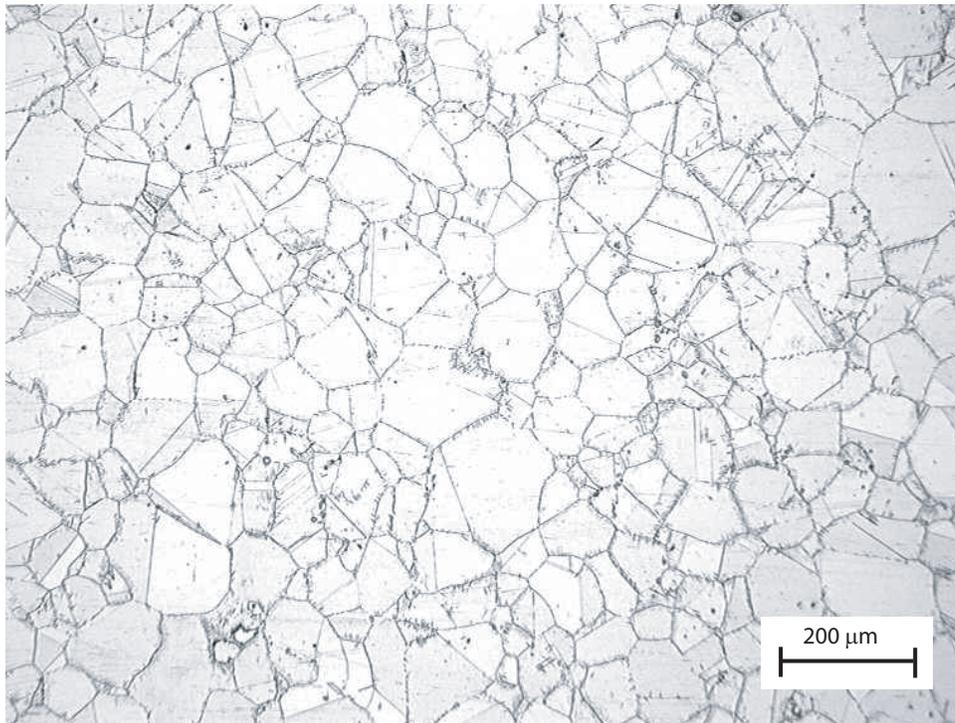
Figures 7 and 8—Acceptable Microstructure with Isolated Grain Boundary Delta Phase—Original Magnification was 100× for Upper Photomicrograph and 500× for Lower Photomicrograph



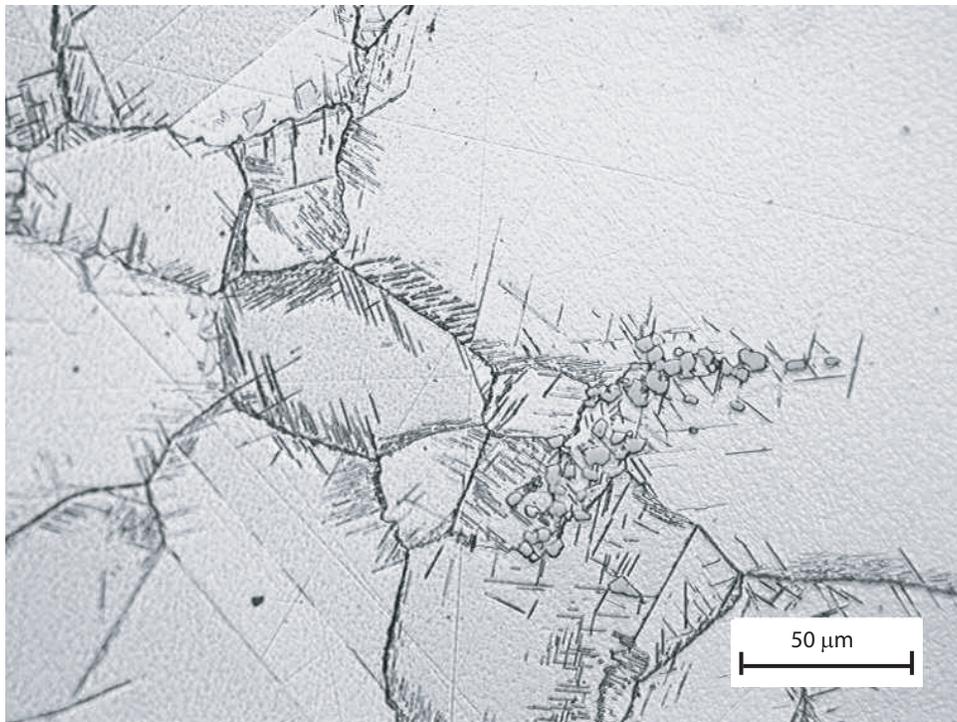
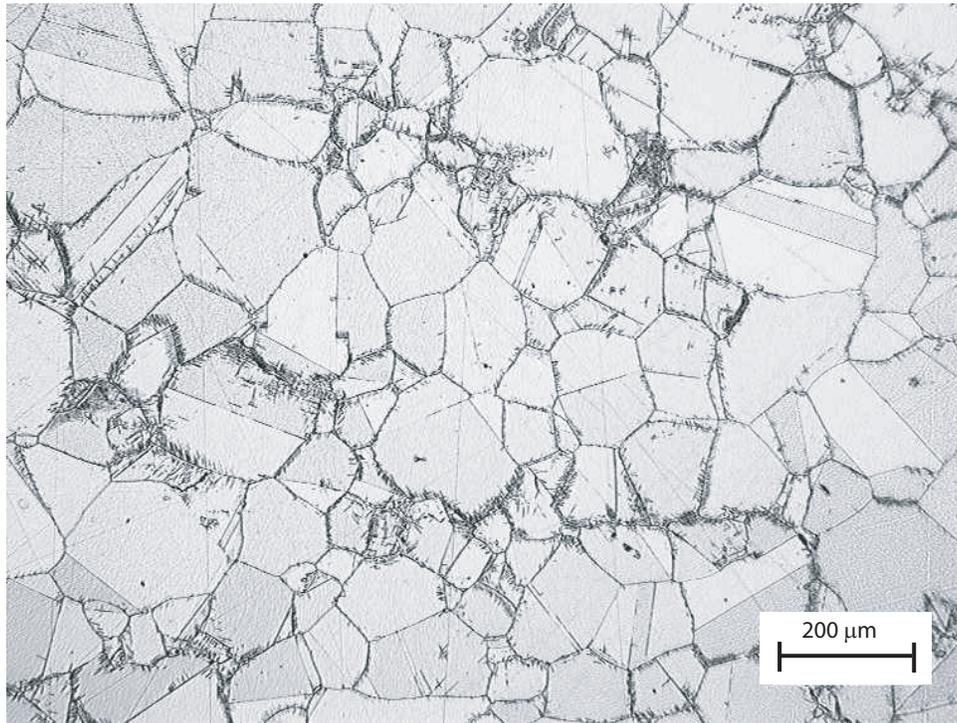
Figures 9 and 10—Unacceptable Microstructure Due to Level of Acicular Delta Phase in the Grain Boundaries—Original Magnification was 100× for Upper Photomicrograph and 500× for Lower Photomicrograph



Figures 11 and 12—Unacceptable Microstructure Due to Level of Acicular Delta Phase—Original Magnification was 100 \times for Upper Photomicrograph and 500 \times for Lower Photomicrograph



**Figure 13 and 14—Unacceptable Microstructure Due to Level of Acicular Delta Phase in Grain Boundaries—
Original Magnification was 100× for Upper Photomicrograph and 500× for Lower Photomicrograph**



Figures 15 and 16—Unacceptable Microstructure Due to Level of Acicular Delta Phase in Grain Boundaries—Original Magnification was 100× for Upper Photomicrograph and 500× for Lower Photomicrograph

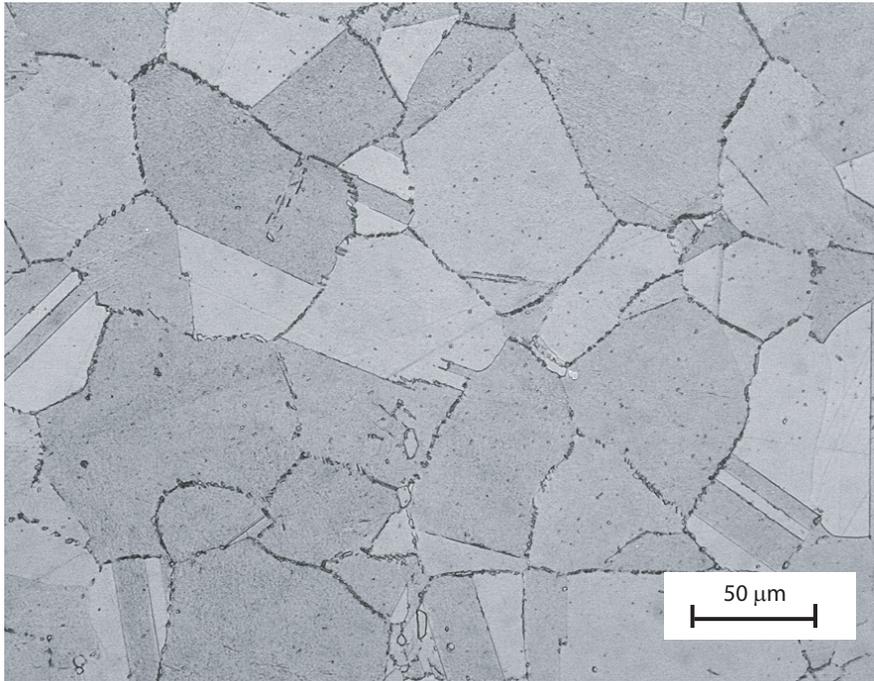


Figure 17—Unacceptable Microstructure Due to Level of Grain Boundary Precipitates—Original Magnification was 500×