

AMS – STD – 2175

Class and Grade Designation – Cheat Sheet

Class 1 –

- 100% visual inspect, 100% PT or MT inspect, 100% X-ray inspect.

Class 2 –

- 100% visual inspect, 100% PT or MT inspect, X-ray sample inspect to MIL – STD – 2175 Table I.

Class 3 –

- 100% visual inspect, 100% PT or MT inspect, X-ray sample inspect to MIL – STD – 2175 Table II.

Class 4 –

- 100% visual inspect, PT or MT sample inspect to MIL – STD – 2175 Table I., No X-ray unless otherwise specified.

Grade A –

- High stress application. Critical application. See MIL – STD – 2175 Tables.

Grade B –

- Critical application. Low margin of safety. See MIL – STD – 2175 Tables.

Grade C –

- High quality grade. Average margin of safety. See MIL – STD – 2175 Tables.

Grade D –

- Low stress applications. See MIL – STD – 2175 Tables.

