

INCH-POUND

MIL-DTL-46100E (MR)
w/AMENDMENT 4
19 July 2019
SUPERSEDING
MIL-DTL-46100E (MR)
w/AMENDMENT 3
28 November 2018

DETAIL SPECIFICATION

ARMOR PLATE, STEEL, WROUGHT, HIGH-HARDNESS

This specification is approved for use by the Department of the Army and is available for use by all Departments and Agencies of the Department of Defense

1. SCOPE

1.1 Scope. This specification covers quenched and tempered high-hardness wrought steel armor plate for lightweight armor applications for ordered thicknesses from 0.098 inch (2.5 mm) up to an ordered thickness of 2.000 inches (50.8 mm), inclusive (see 6.1, 6.2, and 6.3).

1.2 Classification. Wrought armor should be of the following classes as specified in the contract or purchase order (see 6.2). If no class is specified then Class 1 should be supplied.

1.2.1 Class 1. Wrought armor plate which is liquid (e.g., water or oil) quenched and tempered.

1.2.2 Class 2. Wrought armor plate which is air quenched and tempered/autotempered.

Comments, suggestions, or questions on this document should be addressed to: Director, U.S. Army Research Laboratory, Weapons and Materials Research Directorate, Specifications and Standards Office, Attn: FCDD-RLW-MC, Aberdeen Proving Ground, MD 21005-5069. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil/>.

AMSC N/A

FSC 9515

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