

MIL-T-83454(USAF)  
 AMENDMENT 2  
 22 AUGUST 1979  
 SUPERSEDING  
 AMENDMENT 1  
 29 October 1975

# MILITARY SPECIFICATION

## TERMINALS, STUD, BLIND PLATE, FOR ELECTRICAL BONDING AND GROUNDING (NONINSULATED), GENERAL SPECIFICATION FOR

This amendment forms a part of Military Specification MIL-T-83454(USAF), dated 30 April 1975.

### PAGE 1

- \* 1.2.1.1(A): After MIL-C-5541, delete "type 1, grade C, class III" and substitute "class 3."
- \* 1.2.1.1: Delete "B Naval brass per QQ-B-639, half hard, tin plate per MIL-T-10727."

### PAGE 2

- \* 2.1: Under SPECIFICATIONS, FEDERAL, delete "QQ-B-639 - Brass, Naval, Flat Products (Plate, Bar, Sheet, and Strip)."; under MILITARY, delete "MIL-T-10727 - Tin plating; Electrodeposited or Hot-Dipped, For Ferrous and Nonferrous Metals."

### PAGE 3

- . 3.3.1, second sentence: Delete and substitute "When specified (see 3.1 and 6.1), nuts, lockwashers, and flat washers shall be supplied."
- \* 3.4, delete and substitute:

"3.4 Installation tool. Stud terminals shall be installed using a tool that meets the requirements of MIL-R-9917, or equivalent tool."

### PAGE 4

- \* 4.3, Table I, delete and substitute:

TABLE I. Materials inspection.

Material	Requirement paragraph	Applicable specification
Steel	3.2.2	MIL-S-5626, MIL-S-5000 and MIL-S-6049
Aluminum	3.2.1	QQ-A-225/8
Alodine	3.2.1	MIL-C-5541
Cadmium plate	3.2.2	QQ-P-416

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- \* 4.5.2.2.1.1, end of sentence: Delete "each month" and substitute "every 18 months".

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- \* 4.6.3, delete and substitute:

"4.6.3, Voltage drop (see 3.5). The voltage drop of the stud terminal, when mounted as specified in 4.6.2, shall not exceed 7.5 millivolts maximum for the current rating specified (see 3.1). The voltage drop shall be measured from a point on the intersection of the stud terminal sleeve shoulder to a point on the mounting surface, the same distance from the stud axis as the probe point on the stud terminal."

- \* 4.6.4(c): Delete "Test-condition letter-C" and substitute "F-1".

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- \* 4.6.6, Table IV, delete and substitute:

TABLE IV. Torque.

Stud thread size	Torque (inch-pounds) (min)
.138	30
.164	45
.190	60
.250	100

- \* 4.6.9 (d) and (e): Delete in their entirety.

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- \* 4.6.10: In title, delete "3.11" and substitute "3.12".

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6.1, add the following: "(f) Nut, lockwashers, and flat washers, if required."

- \* 6.2: Delete in its entirety.

NOTE: The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Preparing activity:  
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