

NOTE: The document identifier and heading has been changed on this page to reflect that this is a performance specification. There are no other changes to this document. The document identifier on subsequent pages has not been changed, but will be changed the next time this document is revised.

MIL-PRF-15160/30  
1 February 1961

PERFORMANCE SPECIFICATION SHEET

FUSES, STYLE F30

*This specification is approved by the Department of Defense and is mandatory for use by the Departments of the Army, the Navy, and the Air Force.*

1. SCOPE

1.1 This specification covers the detailed requirements for fuses style F30.

2. APPLICABLE DOCUMENTS

2.1 The following documents of the issue in effect on date of invitation for bids, form a part of this specification to the extent specified herein:

SPECIFICATION

MILITARY

MIL-F-15160 - Fuses; Instrument, Power, and Telephone.

(Copies of specifications, standards, drawings, and publications required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

3. REQUIREMENTS

3.1 General requirements. Fuses shall be in accordance with Specification MIL-F-15160, and as specified herein. The electrical and physical requirements shall be as shown in figure 1 and in tables I, II and III.

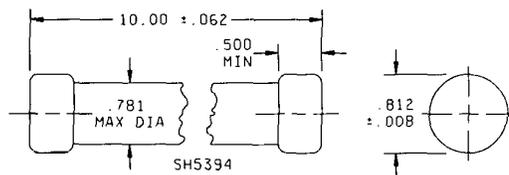


Figure 1. Dimension in inches for Style F30 fuse.

# MIL-F-15160/30

TABLE I. *Physical requirements*

(Nonindicating fuse)	
Case material	Fibre
Ferrules	Material: Brass Finish: Nickel or bright alloy or bright dipped. Silver plated when specified.
Terminal strength	5-pound-inch torque

TABLE II. *Electrical requirements*

Voltage rating Characteristic	10,000 volts, max. A, normal blowing	
Overload blowing	Percent nominal rating	Normal blowing time
	135	0-1 hour
Short circuit	5 amperes at 10,000 volts ac	
Current capacity	110%	1½ Hour max.

TABLE III. *Style, characteristics, current and voltage ratings*

Type designation			
Style	Characteristic	Voltage	Current
F30	A	10,000V	1/16A
F30	A	10,000V	1/8A
F30	A	10,000V	1/4A
F30	A	10,000V	3/8A
F30	A	10,000V	1/2A
F30	A	10,000V	3/4A
F30	A	10,000V	1A
F30	A	10,000V	1½A
F30	A	10,000V	2A
F30	A	10,000V	3A

**Custodians:**

Army—Signal Corps  
Navy—SHIPS  
Air Force—Day

## 4. QUALITY ASSURANCE PROVISIONS

**4.1 Sampling and inspection.** Sampling and inspection shall be in accordance with Specification MIL-F-15160.

**4.2 Qualification.** Qualification specimens required:

- (a) 24 samples maximum current rating of each voltage and design.
- (b) 24 samples minimum current rating of each voltage and design.

## 5. PREPARATION FOR DELIVERY

**5.1** Preparation for delivery shall be in accordance with Specification MIL-F-15160.

**5.1.1** The standard unit package is 5 pieces.

## 6. NOTES

**6.1** The notes specified in Specification MIL-F-15160 are applicable to this specification.

**6.2** Ordering data required by 6.2 of Specification MIL-F-15160 shall be included in all procurement documents.

**Notice.** When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

**Preparing activity:**

Navy—Ships  
(Project 5920-0061)