

PERFORMANCE SPECIFICATION SHEET  
FUSEHOLDERS, EXTRACTOR POST TYPE, NONINDICATING,  
TYPES FHN31G1 AND FHN31G2

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

The requirements for acquiring the product described herein shall consist of this specification and MIL-PRF-19207.

Inches	mm
.004	0.11
.10	2.54
.112	2.84
.118	3.00
.446	11.34
.455	11.57
.465	11.81
.468	11.89
.47	11.94
.478	12.14
.500	12.70
.510	12.95
.56	14.22
.65	16.50
.680	17.27
.688	17.48
.690	17.53
.719	18.26
1.71	43.43
2.24	56.90
2.34	59.44

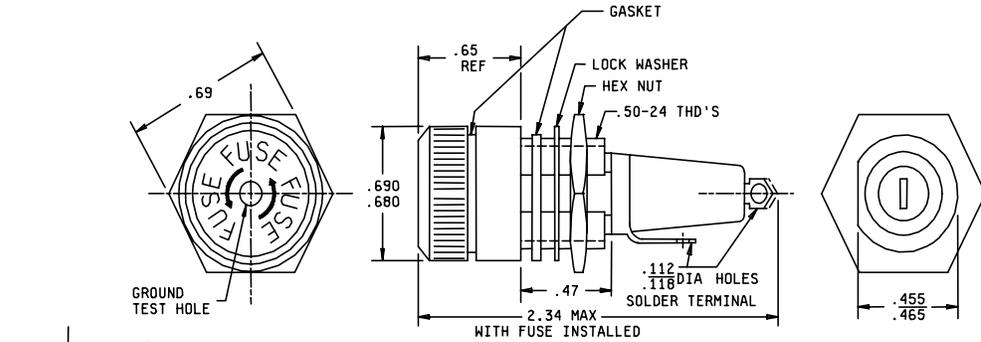


FIGURE 1. Type FHN31G1.

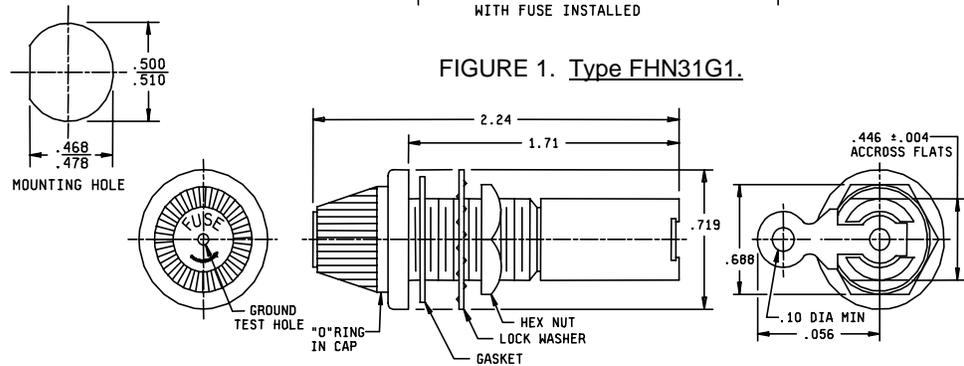


FIGURE 2. Type FHN31G2.

NOTES:

1. Dimensions are in inches.
2. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
3. Unless otherwise specified, tolerances are  $\pm 0.02$  (0.51 mm) for two-place decimals and  $\pm 0.005$  (0.13 mm) for three-place decimals.
4. Formerly type FHN31G.

MIL-PRF-19207/20D

REQUIREMENTS:

Interface and physical dimensions: See figures 1 and 2.

Cap and body molding material: It is suggested that type MAI-60, GDI-30F or SDG-F of American Society for Testing and Materials ASTM-D5948 be considered for meeting the cap and body molding material requirements of this specification. ASTM-D3935 is also suggested as guidance for cap material.

Gaskets and O-rings: It is suggested that gaskets and O-rings that meet class 3 of A-A-59588 be considered for use.

Fuse accommodation:

Ferrule type:

Size: .250 inch diameter, 1.00 inch length.

Style: F01 of MIL-PRF-15160/1.

(or equivalent size and style)

Poles: One.

Rating: 5 amperes, 250 volts maximum.

Panel thickness: .187 inch maximum.

Nonindicating:

Lamp and series resistor: None.

Terminals: Solder lug type.

Enclosure: Dripproof.

Test fuses:

Temperature rise: F01A125V2A of MIL-PRF-15160/1.

Short circuit: F01A125V2A of MIL-PRF-15160/1.

Mechanical shock: Method II of MIL-PRF-19207.

Terminal strength: 5 pounds.

Torque:

Mounting: 20 inch-pounds.

Cap insert (FHN31G2 only): 15 inch-pounds.

Salt spray (corrosion): Test condition B.

Part or Identifying Number (PIN): FHN31G1 or FHN31G2 depending on type.

Marginal notations are not used in this version to identify changes with respect to the previous issue due to the extent of the changes.

Custodians

Army - CR  
Navy - SH  
Air Force - 11  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5920-0714)

Review activities:

Army - CE, MI  
Navy - AS, MC  
Air Force - 19