

INCH-POUND

MIL-DTL-83413/10C

19 May 2010

SUPERSEDING

MIL-DTL-83413/10B

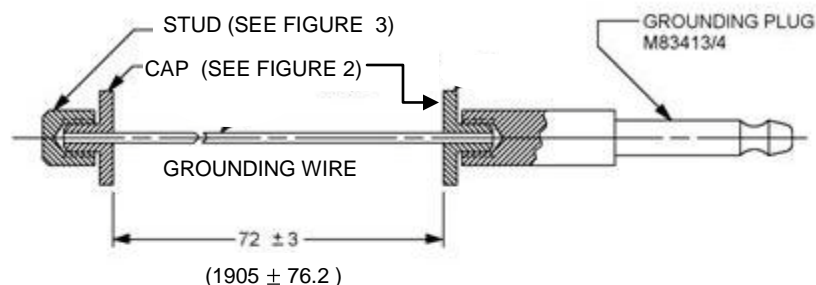
31 March 2005

DETAIL SPECIFICATION SHEET

CONNECTORS AND ASSEMBLIES, ELECTRICAL, AIRCRAFT
GROUNDING: JUMPER CABLE ASSEMBLY, AIRCRAFT TO
FUEL NOZZLE, DISCHARGER, ELECTROSTATIC

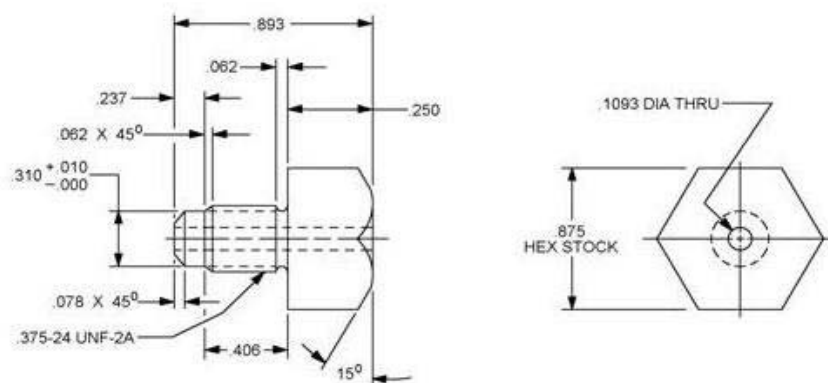
This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-83413.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .016$ (0.041 mm).
4. The cap on this assembly is not used on plug PIN M83413/4-1.

FIGURE 1. Jumper cable assembly.FIGURE 2. Cap.

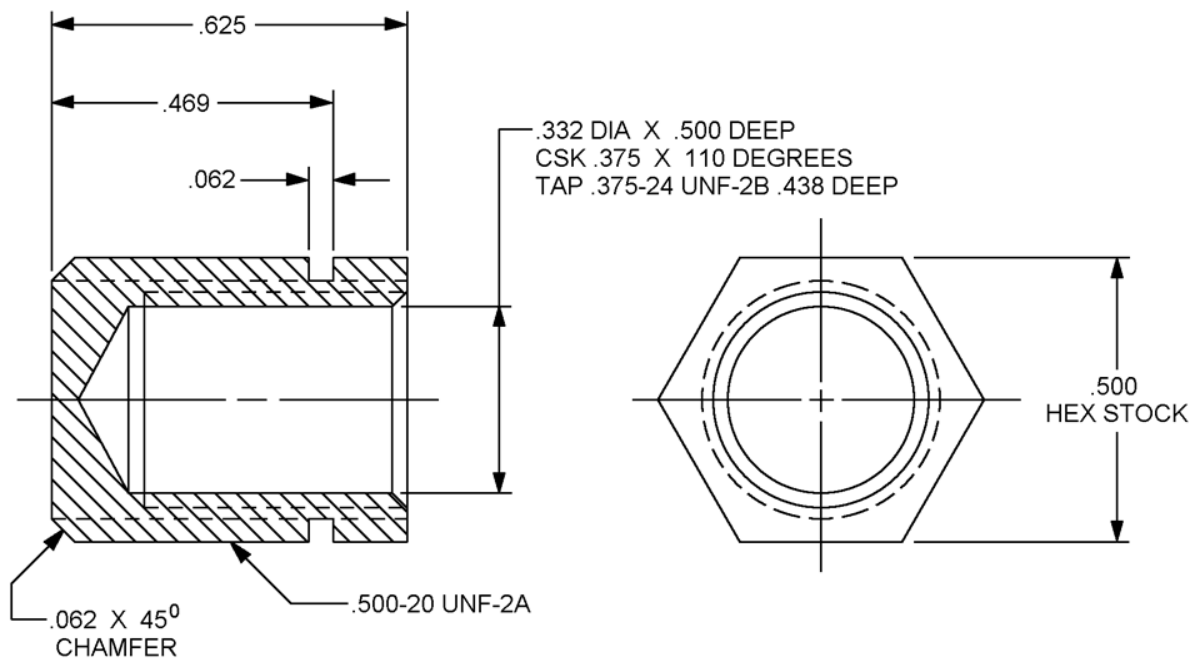
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Inches	mm
.010	.25
.062	1.57
.078	1.98
.237	6.02
.250	6.35
.310	7.87
.406	10.31
.875	22.23
.893	22.68

NOTES:

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FIGURE 2. Cap – Continued.



STUD

NOTES:

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Inches	mm
.062	1.57
.332	8.43
.469	11.91
.500	12.70
.625	15.87

FIGURE 3. Stud.

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REQUIREMENTS

Grounding plug In accordance with MIL-DTL-83413/4.

Grounding wire 7 X 7 wire in accordance with MIL-DTL-83420, type II, composition B, jacket color translucent or international orange in accordance with FED-STD-595/22510.

Splices shall not be used.

Part or Identifying Number (PIN):

M83413/10-1 is the assembly, see figure 1.

M83413/10-2 is the cap, see figure 2.

QUALIFICATION

Qualification is not required for this specification sheet. First article inspection shall be a visual and mechanical inspection in accordance with MIL-DTL-83413.

Certain provisions of this specification are the subject of International Standardization Agreements AIR-STD 25/26 and NATO STANAG 3632. When revision or cancellation of this specification is proposed which will affect or violate the international agreements concerned, the preparing activity will take appropriate reconciliation action through international standardization channels, including departmental standardization offices, if required.

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue 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 issue.

Referenced documents. In addition to MIL-DTL-83413, this document references the following:

MIL-DTL-83413/4

MIL-DTL-83420

FED-STD-595/22510

AIR-STD 25/26

NATO STANAG 3632

MIL-DTL-83413/10C

CONCLUDING MATERIAL

Custodians:

Army - AV
Navy - AS
Air Force - 85
DLA - CC

Preparing activity:

DLA - CC

(Project 5920-2010-011)

Review activities:

Army - AR, CR, CR4, MI
Navy - MC
Air Force – 99

Note: The activities listed above were interested in this document as of the date of this document. Since organization and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>.