

INCH-POUND

MS53062B
11 December 2014
SUPERSEDING
MS53062A
16 December 1964

DETAIL SPECIFICATION SHEET

CABLE AND CONDUIT ASSEMBLY, PARKING BRAKE – STRAIGHT
TYPE, EYE AND BUTTON FITTINGS

Inactive for new design after 22 January 1999.

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.

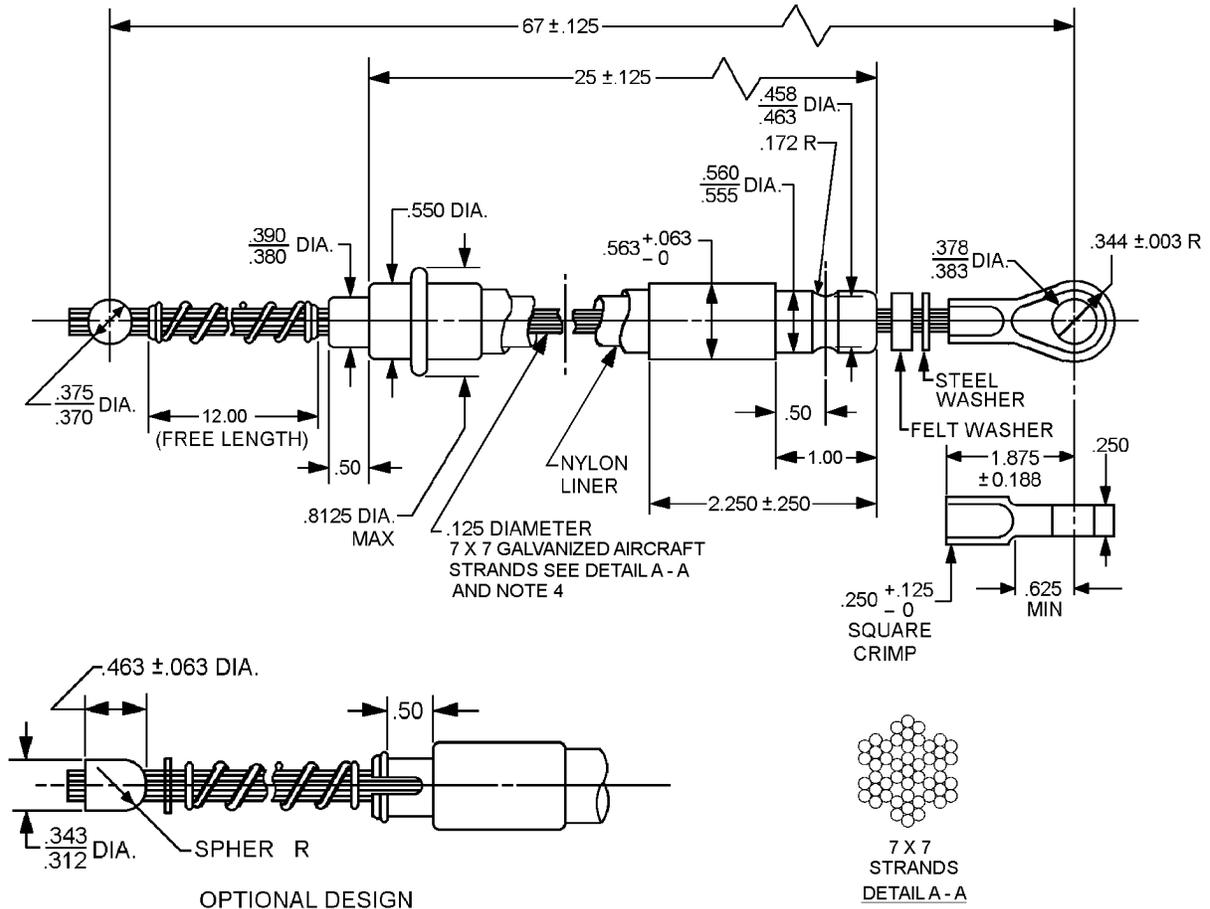


FIGURE 1. Dimensions and configurations.

MS53062B

| Inches | mm | | Inches | mm | | Inches | mm |
|--------|------|--|--------|-------|--|--------|--------|
| .003 | 0.08 | | .370 | 9.40 | | .555 | 14.10 |
| .063 | 1.60 | | .375 | 9.53 | | .560 | 14.22 |
| .125 | 3.18 | | .378 | 9.60 | | .563 | 14.30 |
| .156 | 3.96 | | .380 | 9.65 | | .625 | 15.88 |
| .172 | 4.37 | | .383 | 9.73 | | .8125 | 20.638 |
| .188 | 4.78 | | .390 | 9.91 | | 1.00 | 25.4 |
| .250 | 6.35 | | .458 | 11.63 | | 1.875 | 47.625 |
| .312 | 7.93 | | .463 | 11.76 | | 12.00 | 304.8 |
| .343 | 8.71 | | .50 | 12.7 | | 25.00 | 635.0 |
| .344 | 8.74 | | .550 | 13.97 | | 67.00 | 1701.8 |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerance for 2 decimal places shall be $\pm .01$ inch (0.25 mm) and 3 decimal places $\pm .005$ inch (0.13 mm).
4. The 7 X 7 galvanized aircraft strands actual construction are spiral; they are drawn straight for clarity.

FIGURE 1. Dimensions and configurations - Continued.

REQUIREMENTS:

Design and construction: See figure 1.

This specification sheet is not intended to limit construction to features other than as shown hereon by dimensions, notations or referenced documents.

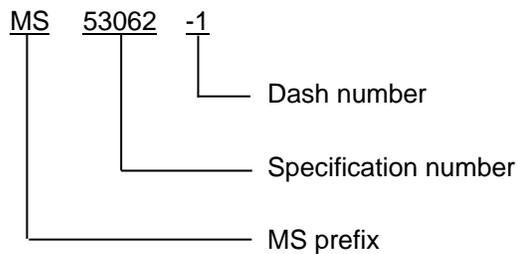
The cable and conduit assembly shall meet the requirements of this specification sheet.

The cable and conduit assembly shall be capable of withstanding a load of 1,500 lbs (680.39 kilogram-force), sustained for a period of two hours with a permissible slippage of each end fitting, with respect to the cable, of .015 inch (0.38mm) maximum.

Each cable assembly shall be pre-stretched under a load of 750 lbs (340.19 kilogram-force).

Conduit shall be packed at assembly with grease in accordance with MIL-PRF-23827, type II.

Part or Identifying Number (PIN):



Marking shall consist of the PIN and manufacturers identification in accordance with MIL-STD-130.

Order of precedence. Unless otherwise noted herein or in the contract, in the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

Referenced documents shall be of the issue in effect on the date of invitation for bid.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue, due to the extent of the changes.

Referenced documents. This document references the following:

MIL-PRF-23827
MIL-STD-130

CONCLUDING MATERIAL

Custodians:

Army - AT
Air Force - 99
DLA - CC

Preparing Activity:
DLA - CC

(Project 2530-2015-001)

Review activities:

Army - AR
Air Force - 71

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