

INCH-POUND

MS18195C

9 May 2012

SUPERSEDING

MS18195B

20 May 1970

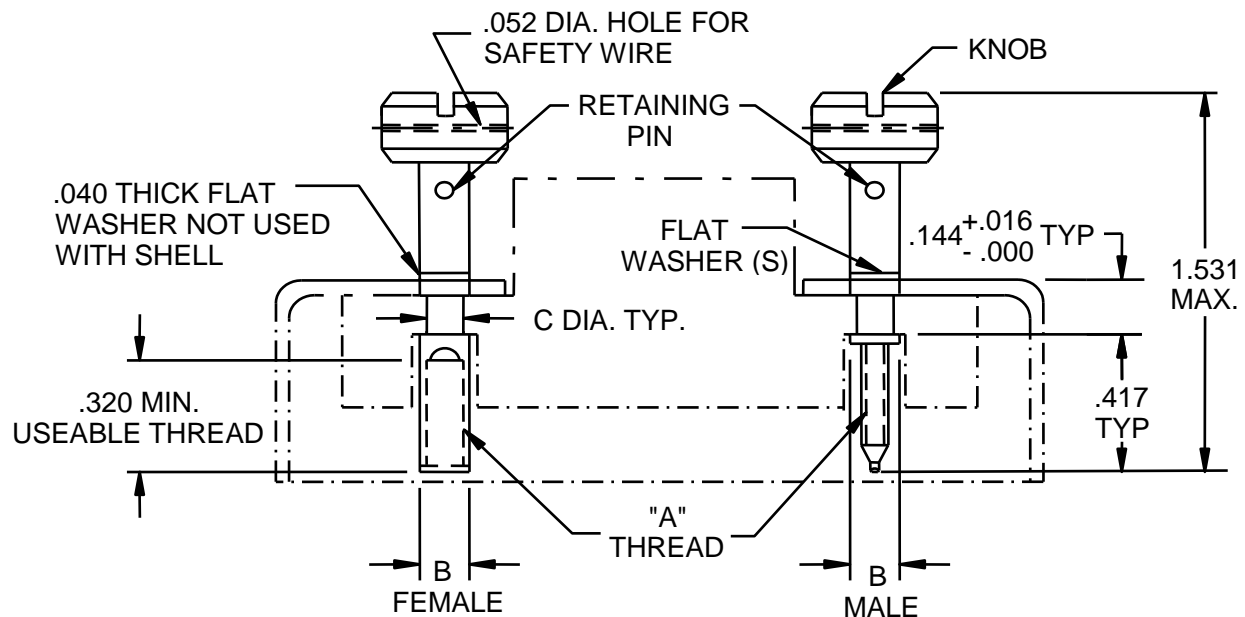
DETAIL SPECIFICATION SHEET

JACKSCREWS, ELECTRICAL CONNECTORS MALE AND FEMALE, SHORT TURNABLE

Reinstated after 10 July 2009 and may be used
for new and existing designs and acquisitions.

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-28748.



Inches	mm
.016	0.41
.040	1.02
.052	1.32
.144	3.66
.320	8.13
.417	10.59
1.531	38.89

FIGURE 1. Short turnable jackscrews.

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Short turnable jackscrew designator	Gender	Connector size (number of contacts)	A thread class 2	B dia max	C dia $\pm .003$ (0.08 mm)
MS18195-1	Male	7, 9, 14, 18, 20, 26, 34, 42, 50, 66, 75	6-32 UNC-2A .138-32 UNC	.190 (4.83)	.115 (2.92)
MS18195-2	Female	7, 9, 14, 18, 20, 26, 34, 42, 50, 66, 75	6-32 UNC-2B .138-32 UNC	.190 (4.83)	.115 (2.92)
MS18195-3	Male	104	8-32 UNC-2A .164-32 UNC	.225 (5.72)	.137 (3.48)
MS18195-4	Female	104	8-32 UNC-2B .164-32 UNC	.225 (5.72)	.137 (3.48)

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are $\pm .016$ inch (0.41 mm).
4. Material corrosion resistance steel in accordance with ASTM A276, ASTM A473,
5. ASTM A581/A581M, ASTM A582/A582M, SAE AMS5636, SAE AMS5639, SAE AMS5648, classes 302, 303, 303Se, 304 or 316 except for aluminum alloy knob and .040 inch (1.02 mm) flat washer.
6. Finish passivated in accordance with ASTM A967 or SAE AMS2700 except for anodized knob.
7. Parts bagged disassembled.

FIGURE 1. Short turnable jackscrews – Continued.

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Short turnable jackscrews. See figure 1.

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. In addition to MIL-DTL-28748, this document references the following:

ASTM A276
ASTM A473
ASTM A581/A581M
ASTM A582/A582M
ASTM A967
SAE AMS2700
SAE AMS5636
SAE AMS5639
SAE AMS5648

CONCLUDING MATERIAL

Custodians:
Army – CR
Navy – EC
Air Force – 85
DLA - CC

Preparing activity:
DLA - CC

Review activities:
Army – AM, AR, AT, CR4, MI
Navy – AS, MC, OS, SH
Air Force – 99

(Project 5935-2009-162)

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.daps.dla.mil>.