

INCH-POUND

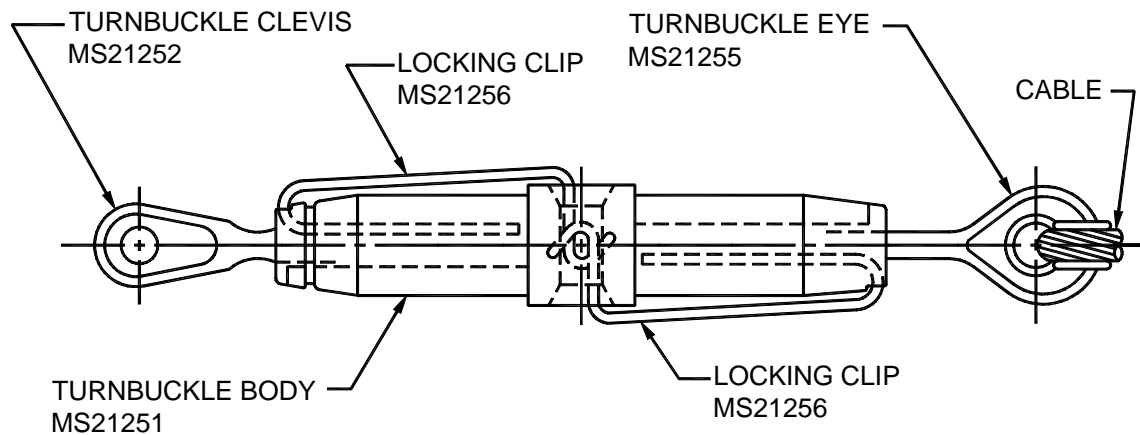
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w/Amendment 1
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DETAIL SPECIFICATION SHEET

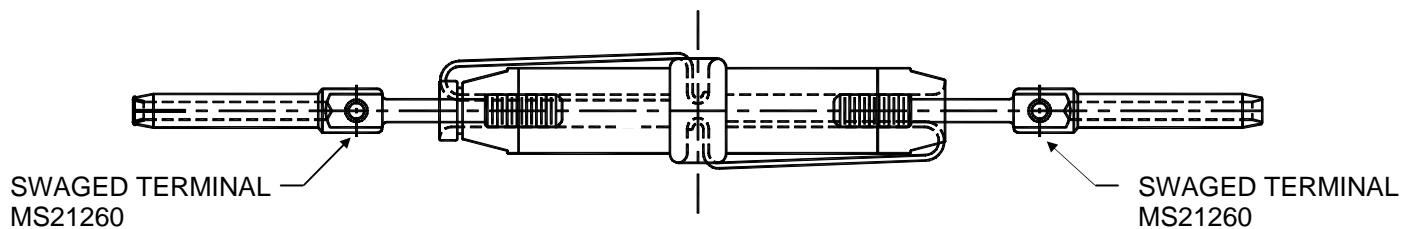
TURNBUCKLE ASSEMBLIES, CLIP LOCKING OF

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, MIL-DTL-8878, and QPL-8878.



TYPICAL TURNBUCKLE ASSEMBLY



METHOD OF ASSEMBLING LOCKING CLIPS, TURNBUCKLE BODY AND TERMINALS

FIGURE 1. Clip locking of turnbuckle assemblies.

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TABLE I. Dimensions and dash numbers.

Wire rope diameter reference	Thread UNF-3B	Locking clip MS21256 <u>1/</u>	Turnbuckle body MS21251
1/16	0.1380 (#6)-40	-1	-2S
		-2	-2L
3/32	0.1900 (#10)-32	-1	-3S
		-2	-3L
5/32	0.2500 (1/4)-28	-1	-5S
		-2	-5L
3/16	0.3125 (5/16)-24	-1	-6S
		-2	-6L
1/4	0.3750 (3/8)-24	-2	-8L
9/32	0.4375 (7/16)-20	-3	-9L
5/16	0.5000 (1/2)-20		-10L

1/ Two locking clips needed for each turnbuckle.

NOTES:

1. Prior to safetying, both threaded terminals shall be threaded an equal distance into the turnbuckle body and shall be threaded to a depth such that not more than three full threads of any terminal are exposed outside the body.

2. After the turnbuckle has been adjusted to its locking position, with the slot indicator groove on the terminals and slot indicator notch on body aligned, insert the end of the locking clip into the terminal body, as illustrated in [figure 1](#), until the U curved end of the locking clip is over the hole in the center of the body. Press the locking clip into the hole to its full extent. The curved end of the locking clip will expand and latch in the body slot. To check proper seating of the locking clip, attempt to remove pressed U end from body hole with fingers only. (Do not use tools as locking clip could become distorted.)

3. Locking clips are for one time use only and shall not be reused.

4. Both locking clips may be inserted in the same hole of the turnbuckle body or in opposite holes.

5. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence.

6. Unless otherwise specified, issues of referenced documents are those in effect at the time of solicitation.

AMENDMENT NOTATIONS: The margins of this specification are marked with vertical lines to indicate where modifications from this amendment 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.

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Custodians:

Army - AV
Navy - AS
Air Force - 99

Preparing Activity:

DLA - GS5

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Review Activities:

Navy - MC
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 database at <http://assist.daps.dla.mil/>.