

**PERFORMANCE SPECIFICATION  
TIEDOWN, WEB, SPECIAL PURPOSE**

This specification is approved for use by the U.S. Army Tank-automotive and Armament Command, and is available for use by all Departments and agencies of the Department of Defense.

**1. SCOPE**

1.1 Scope. This specification describes special purpose tiedown web assemblies used to secure transportable loads to the transporting vehicle or platform. The tiedowns will be easily attached, tensioned, locked and released. The strap (webbing) features shall include abrasion resistance characteristics to deter abrasion and wear. Tiedowns are referenced pictorially on Figure 1 and Figure 2.

**2. APPLICABLE DOCUMENTS**

2.1 Documents, Drawings and Publications. The following other documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues shall be those in effect on the date of the solicitation.

ANSI/ASQC Q9003-1994

Quality Systems -- Model for Quality Assurance in  
Final Inspection and Test

2.2 Order of Precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document shall take precedence. Nothing in this document, however, shall supersede applicable laws and regulations unless a specific exemption has been obtained.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, U.S. Army ARDEC, ATTN: AMSTA-AR-EDE-S, Picatinny Arsenal, New Jersey 07806-5000 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

**DISTRIBUTION STATEMENT A.** Approved for public release; distribution is unlimited.

### 3. REQUIREMENTS.

3.1 Item Description. The Tiedown, Web, Special Purpose is an assembly consisting of two end hooks, abrasion resistant webbing, and a roll up tensioning ratchet.

#### 3.2 Assembly and Major Components.

3.2.1 Configurations. The item(s) shall be of standard off-the-shelf design as depicted in Figure 1 and/or Figure 2 of this specification. The tiedown shall consist of a strap (web), a ratchet (Figure 5), two swivel or non-swivel end hooks, and two web protector sleeves (Figure 7). End hook configuration shall be identified in the procurement document as: Type 1 (Swivel Hooks configuration; Figure 3) or Type 2, Style A or B, (Non-Swivel Hooks; Figure 4). The Tiedowns (Figure 1 and Figure 2) will extend to 240 inches minimum and retract to 36 inches maximum.

3.2.2 Webbing Material. The webbing shall be latex treated polyester weave and the physical characteristics shall be as follows:

Width	2 inch +/- 1/16 inch
Thickness	0.070 inch to 0.120 inch
Weight, Minimum	3.9 ounces per yard

3.2.2.1 Color. The preferred color shall be olive drab; black shall be the alternative color.

3.2.2.2 Abrasion and Wear Prevention. Abrasion resistant properties shall be used to deter abrasion, wear, and cuts from propagating into strap weave.

3.2.2.3 Chemical Resistant: Exposure to the following compounds shall not damage or degrade the tiedown or any of its components to the extent that it fails the performance requirements of paragraph 3.3:

Antifreeze	Jet Fuel	Gasoline
Diesel fuel	Lubricating oil	Salt water
Decontaminating agents	Preservation oil	Insect repellent

3.2.2.4 Stitching Pattern. Stitching shall be a lock type formed from two or more groups of nylon threads with 5 to 7 stitches per inch. The contractor shall select the stitching pattern.

3.2.3 Ratchet, End Hooks, and Materials. The following represents minimum requirements for strength, reliability, and corrosion resistance.

3.3. 3.2.3.1 Sheet Steel, Spool and Hook. Steel that will meet the requirements of paragraph 3.3.

3.2.3.2 Pins. Steel that will meet the requirements of paragraph 3.3.

3.2.3.3 Washers and Keeper. Steel that will meet the requirements of paragraph 3.3.

3.2.3.4 Spring. Steel, wire per ASTM A228.

3.2.3.5 Protective Finish. Zinc plate, Type II, Class Fe/Zn 12, per ASTM B633. The preferred color shall be olive drab; black shall be the alternative color.

3.2.4 Web Protector Sleeves. Quantities of two web protector sleeves (Figure 7) are to be assembled on the longest portion of the tiedown (Figure 1) (To be used on Type 1 only).

### 3.3 Function Requirement.

3.3.1 Tensioning Mechanism. The ratchet handle shall be capable of exerting a minimum tension of 150 lbs. to the tiedown. The handle force required to apply this tension shall not exceed 50 lbs., and there shall be no slippage of the ratchet spool (Figure 6).

3.3.2 Locking Latch Engaging. The locking latch shall engage automatically when the ratchet handle is in the closed position (Figure 5 and Figure 6).

3.3.3 Release Mechanism. The ratchet handle release mechanism shall be operable when the tiedown is stressed to a minimum tension of 750 lbs. The handle force required to operate the release mechanism shall not exceed 50 lbs. (Figure 5 and Figure 6).

3.3.4 Proof Load. The tiedown shall withstand a minimum load of 5,000 lbs. for a minimum period of 30 seconds without evidence of deterioration or damage. In addition, prior to and after the test, swivel hooks shall rotate freely, hook keepers must function properly and webbing must slip freely through the ratchet spool slot.

3.3.5 Ultimate Load. The tiedown shall withstand a minimum load of 7,000 lbs., for a minimum period of 30 seconds, without evidence of slippage of the webbing or rupture of the stitches, or evidence of malfunction of the metal parts. Process or material lot changes to any of the load bearing components of the tiedown shall be cause for retesting.

The following damage criteria shall not be cause for rejection:

- a. Broken stitches without complete separation.
- b. Split, torn, or frayed webbing without complete separation.
- c. Permanent deformation without malfunction of the hardware.

3.3.6 Ratchet Handle Load. The ratchet handle shall withstand a minimum load of 300 lbs., for a minimum period of 30 seconds, without evidence of deterioration or damage that may impair its function (Figure 6).

3.3.7 Webbing Elongation. The webbing shall demonstrate no more than 9% elongation during a pull test of 3,000 lbs. and shall show no more than 16% elongation during a pull test of 9,000 lbs.

3.3.8 Webbing Tensile Strength. The webbing shall not exhibit complete separation until a pull test load exceeds 10,000 lbs.

3.3.9 Stitching Pattern. The stitching pattern shall not exhibit complete separation until a pull test load exceeds 8,700 lbs.

3.4 Marking. A tag shall be sewn to the tiedown that specifies:

<b><u>WORKING LOAD LIMIT:</u></b>	<b><u>1,060 kg (2,335 lbs.)</u></b>
<b><u>CARGO CAPACITY:</u></b>	<b><u>2,120 kg (4,670 lbs.)</u></b>
<b><u>NSN:</u></b>	_____
<b><u>MANUFACTURER:</u></b>	_____
<b><u>DATE MADE:</u></b>	_____
<b><u>SERIAL NUMBER (IDN):</u></b>	_____
<b><u>NOMENCLATURE:</u></b>	_____
<b><u>TYPE:</u></b>	_____
<b><u>STYLE (For Type 2 only):</u></b>	_____
<b><u>WARNING:</u></b>	<b><u>"DO NOT USE FOR LIFT"</u></b>

3.5 Workmanship. Hardware shall be free from burrs and sharp edges. All parts shall be free of chips, dirt, grease, rust, and other foreign material. Webbing shall be free of cuts and frays. All ends of webbing shall be cut with a hot knife or seared after cutting to prevent fraying. The cleaning method shall not be injurious to any of the parts, nor shall the parts be contaminated by the cleaning agents.

#### 4. VERIFICATION.

Unless specified otherwise in the contract, the quality system requirements of ANSI/ASQC Q9003-1994 shall apply.

4.1 Responsibility for Inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements (examinations and tests) as specified herein. The Government reserves the right to perform any of the inspections set forth in this specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements.

4.1.1 Classification of Inspections. The inspection requirements specified herein are classified as follows:

- a. Qualification (see 4.3)
- b. Conformance (see 4.4)

4.2 Responsibility for Compliance. All items separately and as an assembly shall meet all requirements of Section 3. The inspection requirements set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in this section does not relieve the contractor of the responsibility of ensuring that all products and supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling inspections may be an acceptable practice to determine conformance but does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to accept defective material.

#### 4.3 Qualification.

4.3.1 Submission. The contractor shall submit a Product Qualification Test (PQT) sample(s) to U.S. Army Defense Ammunition Center (USADAC), Savanna, IL, or as designated by the Contracting Officer. The PQT sample(s) shall consist of the assemblies, components and test specimens as specified in Table I. Evaluation shall be in accordance with the requirements of paragraph 4.3.2.

4.3.2 Inspection Requirements. Unless otherwise specified in the contract, the PQT sample(s), collectively and individually as best determined by the contractor, shall be subjected to the examinations and tests specified in Table I. The PQT report shall be incrementally generated and submitted to the U.S. Government for review. The contractor is responsible for the PQT Report and explicit demonstration that the sample(s) complies with all requirements of this specification.

4.3.3 Rejection. If an assembly, component or test specimen fails to comply with all the applicable requirements, the PQT sample(s) shall be rejected. In the event of a PQT rejection, the U.S. Government reserves the right to reject any and all hardware submitted for delivery until the contractor implements corrective action, resubmits a new PQT sample(s), and successfully completes the product qualification.

TABLE I. PQT

TEST	REQUIREMENT PARAGRAPH	TEST METHOD	SAMPLE NUMBER TO BE TESTED
a. Tensioning mechanism	3.3.1	4.5.1.1	1,2,3,4
b. Locking latch engaging	3.3.2	4.5.1.1	1,2,3,4
c. Release mechanism	3.3.3	4.5.1.2	1
d. Proof load	3.3.4	4.5.1.3	1
e. Ultimate load	3.3.5	4.5.1.4	1
f. Ratchet handle load	3.3.6	4.5.1.5	2
g. Webbing elongation	3.3.7	4.5.1.6	3
h. Webbing tensile	3.3.8	4.5.1.6	3
i. Stitching pattern load	3.3.9	4.5.1.7	4

4.4 Conformance.

4.4.1 Inspection Lot Formation. The term "Inspection Lot" is defined as a homogeneous collection of units or product from which a representative sample is drawn or which is inspected 100 percent to determine conformance with applicable requirements. Units of product selected for inspection shall represent only the inspection lot from which they are drawn and shall not be construed to represent any prior or subsequent quantities presented for inspection. Homogeneity shall be considered to exist provided the inspection lot has been produced by one manufacturer, in one unchanged process, using the same materials and methods, in accordance with the same drawings, same drawing revisions, same specifications and same specification revisions. All material submitted for inspection in accordance with this specification shall comply with the homogeneity criteria specified herein, regardless of the type of inspection procedure which is being applied to determine conformance with requirements.

4.4.2 Examinations and Tests. The contractor's quality program shall provide assurance of compliance of all characteristics with the applicable drawing and specification requirements.

4.5 Methods of Inspection. The tolerances specified in this specification are absolute with no allowance for test equipment inaccuracy. The tolerances used by the manufacturer shall be equal to the absolute tolerance less the accuracy tolerances of the test equipment used. Unless otherwise specified, the tests shall be conducted at  $77^{\circ} \pm 10^{\circ}\text{F}$ .

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NOR 001 ATTACHMENT SHEET 6 OF 16

#### 4.5.1 Function Tests.

4.5.1.1 Tensioning Mechanism and Locking Latch Engaging Test. The tiedown shall be fastened by the hooks on each end to 3/4 inch diameter rods which are attached to a test fixture. With a minimum of 1-1/2 wraps of double-thickness webbing around the ratchet spool and a minimum hook to hook length of 36 inches, operate the ratchet handle until a minimum load of 150 lbs. is obtained. Then measure the force perpendicular to the ratchet handle required to obtain the 150 lb. load. Move the ratchet handle to the closed position. The tiedown shall comply with the requirements of 3.3.1 and 3.3.2 during this test.

4.5.1.2 Release Mechanism Test. The tiedown shall be fastened by the hooks on each end to 3/4 inch diameter rods which are attached to a test fixture. The ratchet spool shall have a minimum of 1-1/2 wraps of double-thickness webbing. The tiedown may be any convenient length for this test. Gradually apply tension to the tiedown at a rate not exceeding 1-1/2 inches per minute until a minimum load of 750 lbs. is obtained. Release the locking mechanism, and slowly move the handle toward its full-open position until the release mechanism is disengaged. The tiedown shall comply with the requirements of 3.3.3 during this test.

4.5.1.3 Proof Load Test. The tiedown shall be fastened by the hooks on each end to 3/4 inch diameter rods which are attached to a test fixture. The ratchet spool slots shall be perpendicular to the direction of the applied load and the ratchet spool shall have a minimum of 1-1/2 wraps of webbing. Adjust the tiedown and the test fixture so that the hook-to-hook distance is a minimum of 36 inches. Place the ratchet handle in the closed position and gradually apply tension to the tiedown at a rate not exceeding 1-1/2 inches per minute until a minimum load of 5,000 lbs. is obtained. Hold this load for a minimum period of 30 seconds. The tiedown shall comply with the requirements of 3.3.4 during this test.

4.5.1.4 Ultimate Load Test. **Note: This is a Destructive Test.** The tiedown shall be fastened by the hooks on each end to 3/4 inch diameter rods which are attached to a test fixture. The ratchet spool slots shall be perpendicular to the direction of the applied load and the ratchet spool shall have a minimum of 1-1/2 wraps of webbing. Adjust the tiedown and the test fixture so that the hook-to-hook distance is a minimum of 36 inches. Place the ratchet handle in the closed position and gradually apply tension to the tiedown, at a rate not exceeding 1-1/2 inches per minute until a minimum load of 7,000 lbs. is obtained. Hold this load for a minimum period of 30 seconds. The tiedown shall comply with the requirements of 3.3.5 during this test.

4.5.1.5 Ratchet Handle Load Test. The ratchet frame shall be securely attached to a test fixture. Preventing the spool from turning, gradually apply tension to the handle at a rate not exceeding 1-1/2 inches per minute, until a minimum and load of 300 lbs. is obtained. Hold this load for a minimum period of 30 seconds. The ratchet shall comply with the requirements of 3.3.6 during this test.

4.5.1.6 Webbing Elongation & Tensile Test. The webbing (single thickness) shall be securely attached in a test fixture. Adjust the webbing and the test fixture so that the length of webbing being checked is a minimum of 36 inches long. Apply a 200 lb. preload to the webbing and hold this load for a minimum of one minute, then measure the webbing length and record this measurement. Gradually apply an additional 2,800 lbs. at a rate not exceeding 1-1/2 inches per minute, then measure the webbing length. The elongation is to be no greater than 9% of the measurement taken after the 200 lb. preload was applied. Gradually apply an additional 6,000 lbs. (this will take the total lbs. to 9,000) at a rate not exceeding 1-1/2 inches per minute, then measure the webbing length. The elongation is to be no greater than 16% of the measurement taken right after the 200 lb. preload was applied.

Bring the total load up to 10,000 lbs. minimum to check tensile strength of the webbing, complete separation shall not occur until the total load exceeds 10,000 lbs. The webbing shall comply with the requirements of 3.3.7 and 3.3.8 during this test.

4.5.1.7 Stitching Pattern Load Test. A test specimen, comprised of webbing and stitching pattern complying with paragraph 3.2.2.4, shall be subjected to a tensile load of 8,700 lbs. for a minimum period of 30 seconds. Complete separation of the stitching shall not occur. The stitching shall comply with the requirements of 3.3.9 during this test.

## 5. PACKAGING

5.1 Preservation, Packaging, Packing, and Marking. The tiedown shall be preserved, packaged, packed, and marked in accordance with or as specified in the contract or purchase order.

## 6. NOTES

This section contains information of a general or explanatory nature that may be helpful but is not mandatory.

6.1 Intended Use. The tiedown covered by this specification is intended for use in securing weapon containers during transportation modes.

6.2 Acquisition Requirements. Acquisition documents should specify the following:

A. Title, number, and date of this specification.

B. Nomenclature and Part number. Type 1 (part number: 71224-1), Type 2-Style A (part number: 71224-2), Type 2-Style B (part number: 71224-3).

C. Issue of DODISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.1).

D. Requirements for submission of a Product Qualification Test sample(s) (4.3).

E. Packaging requirements.

6.3 Objective Evidence.

6.3.1 General. Contractor's inspection records and documents verifying compliance with applicable drawing and specification requirements.

6.3.2 Materials. A statement (certification), supported by test data, that all materials produced or purchased by the contractor meets all requirements when such material is controlled by Government or commercial specification referenced in contractual documents.

6.4 Subject Term (key word) Listing.

Tiedown(s).

6.5 Submission of Alternative Quality Conformance Provisions. Unless otherwise specified in the contract, proposed alternative quality conformance provisions will be submitted by the contractor for evaluation by the technical activity responsible for the preparation of this specification.

Preparing activity:  
Army-AR

NOTE: DIMENSIONS ARE  
IN INCHES.

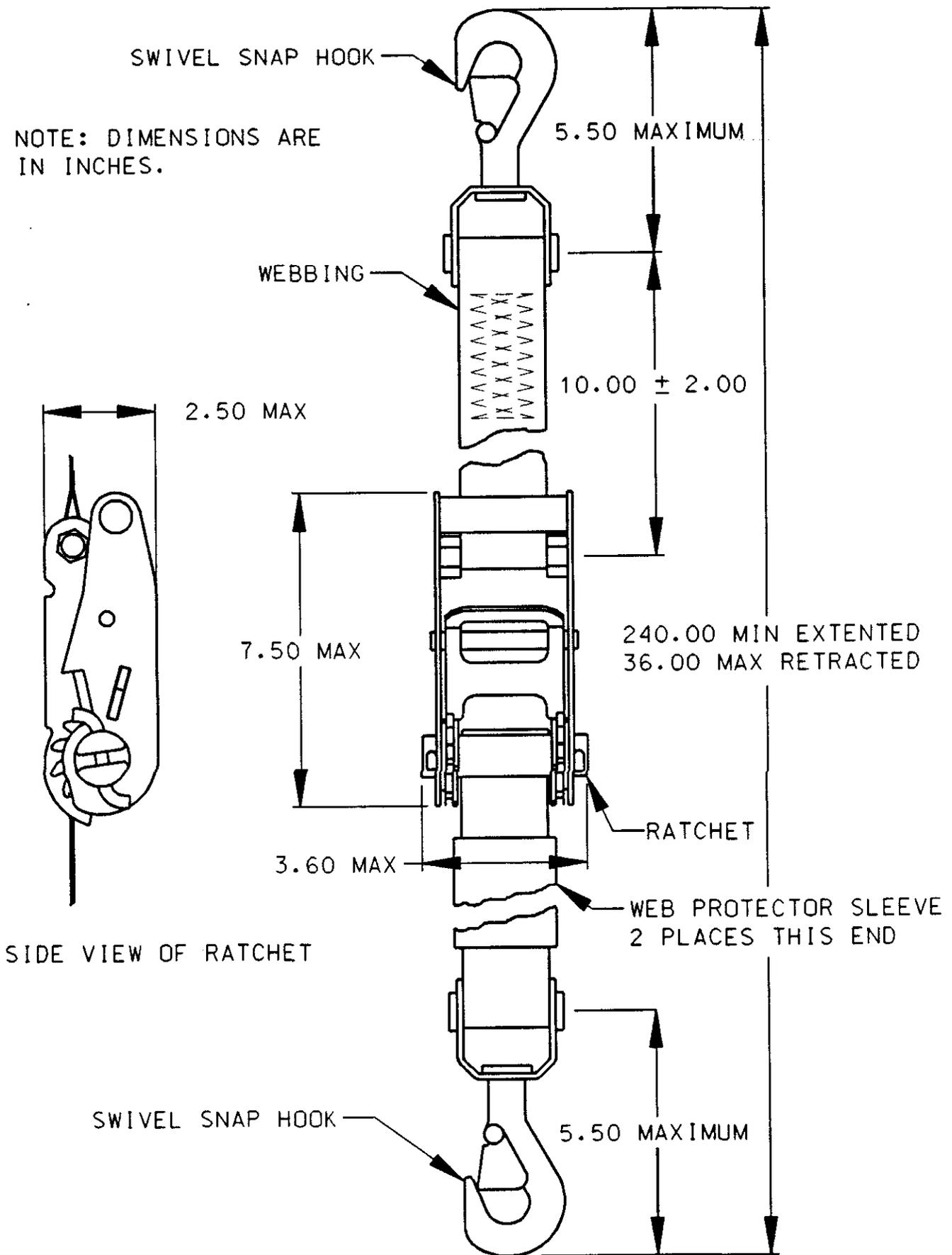


FIGURE 1 - SPECIAL PURPOSE WEB TIEDOWN  
WITH SWIVEL HOOKS, TYPE 1

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NOR 001 ATTACHMENT SHEET 10 of 16

NOTE: DIMENSIONS ARE  
IN INCHES.

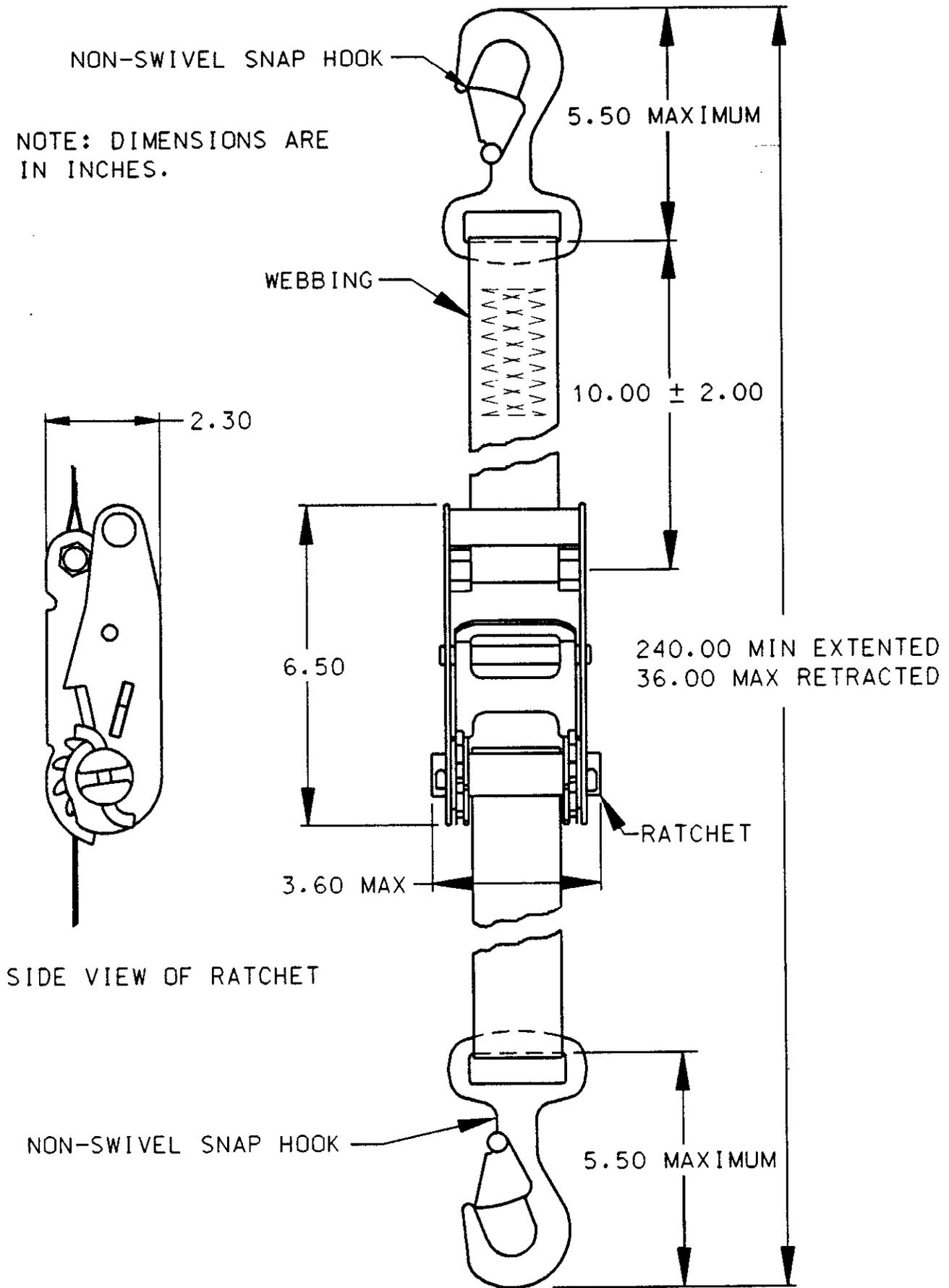


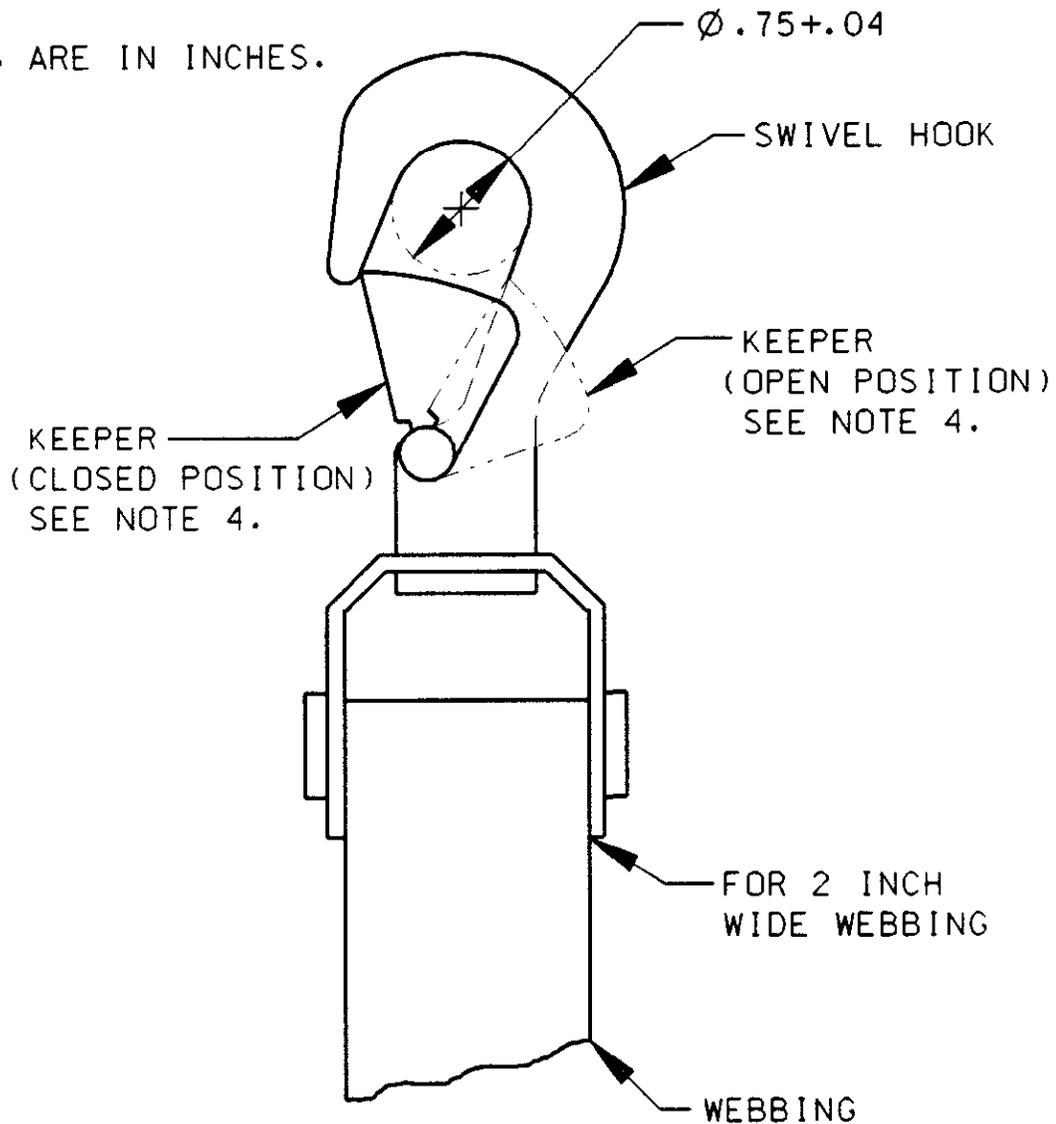
FIGURE 2 - SPECIAL PURPOSE WEB TIEDOWN  
WITH NON-SWIVEL HOOKS, TYPE 2, STYLE B

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NOR 001 ATTACHMENT SHEET 11 of 16

NOTES:

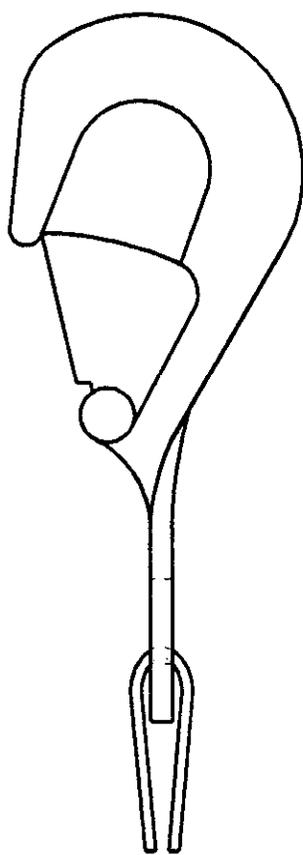
1. SWIVEL SNAP HOOK MUST ALLOW RAPID ATTACHMENT OF HOOK ASSEMBLY WITHOUT USE OF TOOLS.
2. DESIGN MUST INCLUDE A SPRING LOADED KEEPER MECHANISM THAT WILL DEFAULT THE KEEPER TO THE CLOSED POSITION.
3. HOOK SHALL BE ABLE TO ROTATE IN A CONTINUOUS 360° CLOCKWISE AND COUNTER CLOCKWISE DIRECTION WITHOUT OBSTRUCTION.
4. HOOKS MUST BE CAPABLE OF ATTACHING TO A RING OF 0.75 INCH INSIDE DIAMETER, 2.25 INCH OUTSIDE DIAMETER AND 0.75 INCH THICK BAR DIAMETER. THE RING SHALL PASS FREELY INTO THE HOOK WITHOUT OBSTRUCTION, INTERFERENCE, OR BINDING. WHEN RING IS ATTACHED TO THE HOOK, THE SPRING LOADED KEEPER SHALL FREELY SNAP TO THE CLOSED POSITION.
5. DIMENSIONS ARE IN INCHES.



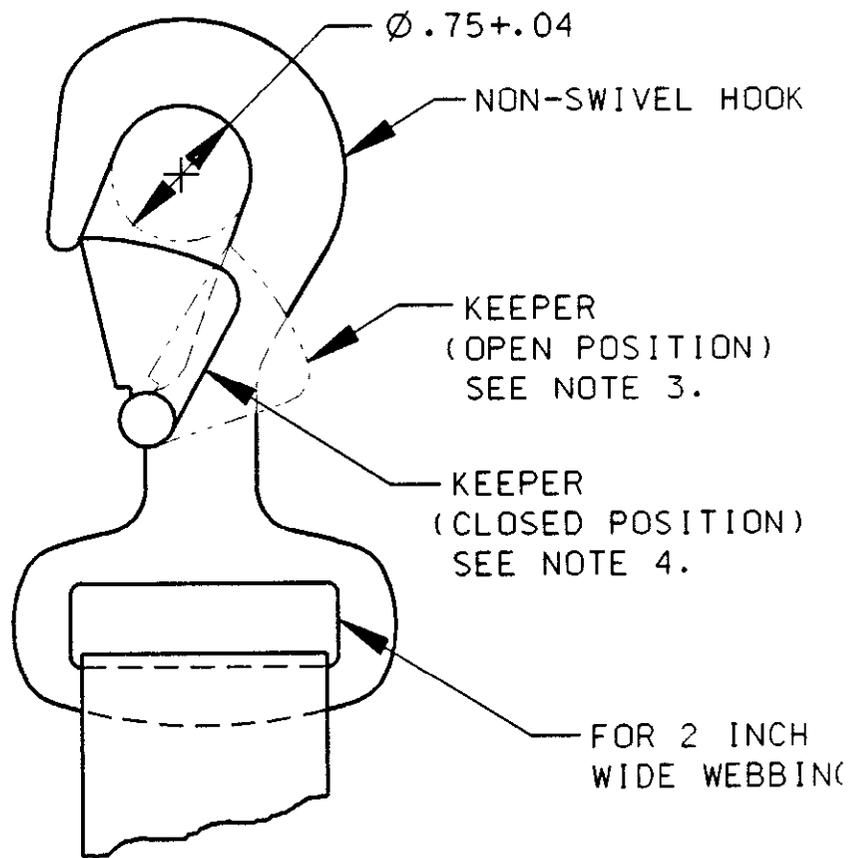
K7E3001 FIGURE 3 - TYPE 1 (SWIVEL SNAP HOOK)  
NOR 001 ATTACHMENT SHEET 12 OF 16

NOTES:

1. NON-SWIVEL SNAP HOOK MUST ALLOW RAPID ATTACHMENT OF HOOK ASSEMBLY WITHOUT USE OF TOOLS.
2. DESIGN MUST INCLUDE A SPRING LOADED KEEPER MECHANISM THAT WILL DEFAULT THE KEEPER TO THE CLOSED POSITION.
3. HOOKS MUST BE CAPABLE OF ATTACHING TO A RING OF 0.75 INCH INSIDE DIAMETER, 2.25 INCH OUTSIDE DIAMETER AND 0.75 INCH THICK BAR DIAMETER. THE RING SHALL PASS FREELY INTO THE HOOK WITHOUT OBSTRUCTION, INTERFERENCE, OR BINDING. WHEN RING IS ATTACHED TO THE HOOK, THE SPRING LOADED KEEPER SHALL FREELY SNAP TO THE CLOSED POSITION.
4. STYLE A: FLAT SIDE OF STRAP AND FLAT SIDE OF HOOK TO BE 90° TO EACH OTHER.  
STYLE B: FLAT SIDE OF STRAP AND FLAT SIDE OF HOOK TO BE PARALLEL TO EACH OTHER
5. DIMENSIONS ARE IN INCHES AND APPLY TO BOTH STYLE A & STYLE B.



STYLE A



STYLE B

K7E3001 FIGURE 4 - TYPE 2 (NON-SWIVEL SNAP HOOK)

NOR 001 ATTACHMENT SHEET 13 of 16

NOTE: DIMENSIONS ARE  
IN INCHES.

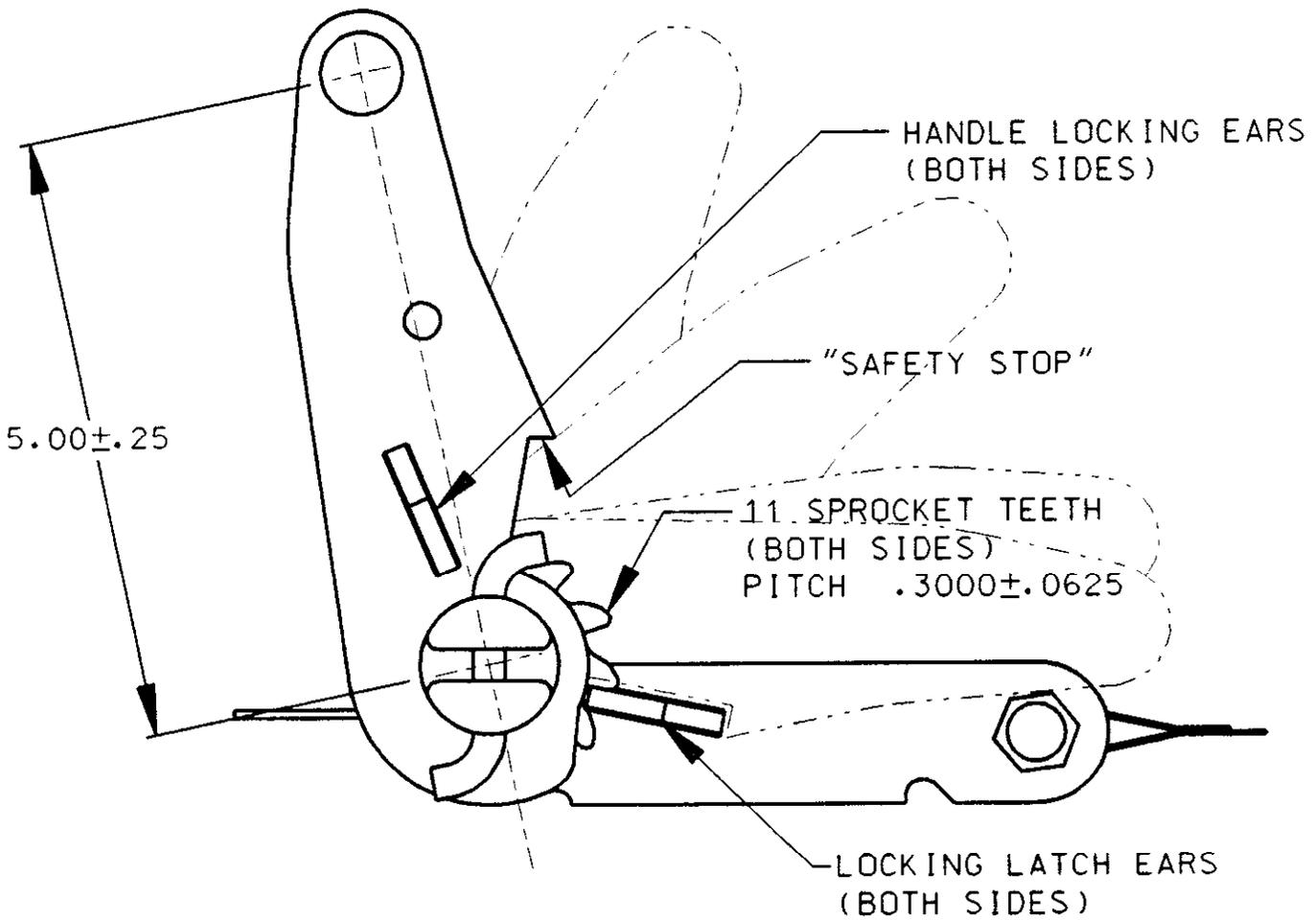
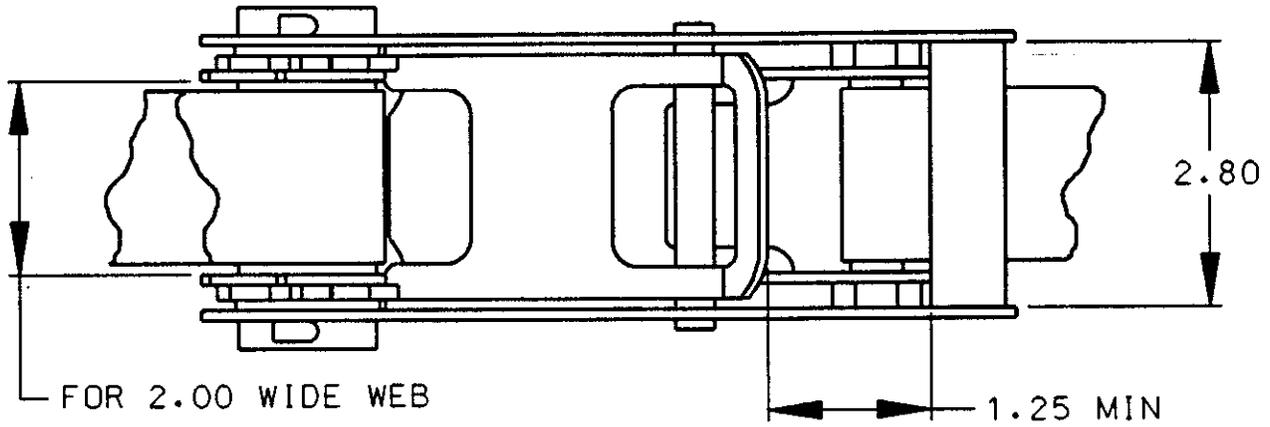


FIGURE 5 - RATCHET

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NOR 001 ATTACHMENT SHEET 14 of 16

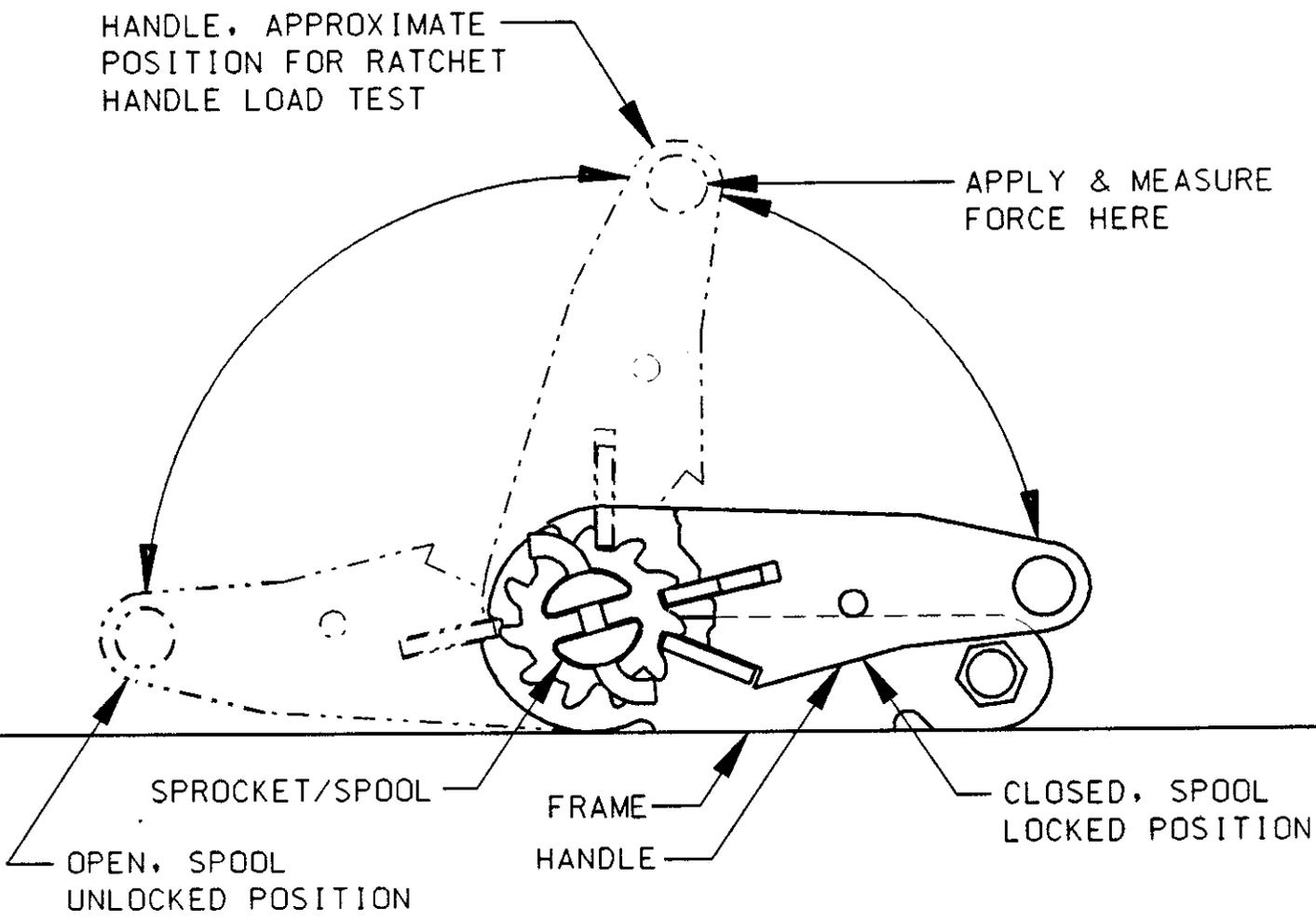


FIGURE 6 - RATCHET

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 NOR 001 ATTACHMENT SHEET 15 of 16

NOTES:

1. MATERIAL:

A. NYLON WEBBING, TUBULAR; YARN SIZE: 1260 DENIER (NOMINAL) WARP AND FILLING. 244 END (WARP) MINIMUM, 2.4 OZ. PER LINEAR YARD MAXIMUM, 27 PICKS PER INCH (FILLING) MINIMUM.

B. NYLON TEXURIZED, TUBULAR; YARN SIZE: 2875 DENIER (NOMINAL) WARP & FILLING, 2 PLY 840 END (WARP) MINIMUM, 0.199 OZ PER LINEAR YARD MAXIMUM. 24 PICKS PER INCH (FILLING) MINIMUM.

2. COLOR: PREFERRED COLOR OLIVE DRAB, ALTERNATIVE BLACK.

3. DIMENSIONS ARE IN INCHES.

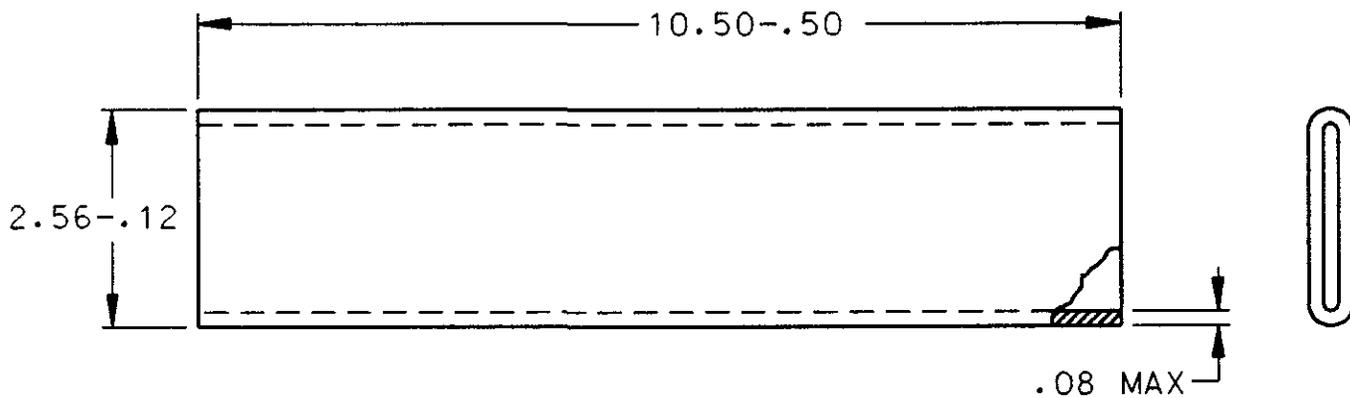


FIGURE 7 - WEB PROTECTOR SLEEVE

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NOR 001 ATTACHMENT SHEET 16 OF 16

**SECTION C**

TDPL: MIL-PRF-71224 DATED 07/03/97 END ITEM: WEB TIEDOWN

NSN: 5340-01-204-3009

P/N: Type 1, 71224-1

NOMEN: TIEDOWN, WEB, SPECIAL PURPOSE

START NO. C19NABXX

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The following engineering exceptions apply to this Mil-Prf-71224,  
and shall be incorporated into solicitations/contracts for the  
above listed item(s):

NO ENGINEERING EXCEPTIONS

# DEFENSE PRIORITIES AND ALLOCATIONS SYSTEM (15 CFR 700)

## GENERAL

As a defense contractor for the Department of the Army, you are required to follow the provisions of the Defense Priorities and Allocations System (DPAS) and the other applicable regulations and orders of the Department of Commerce (DOC) in obtaining products, services, and materials needed to fill this order. (Ref General Provisions, FAR 52.211-15.)

The rules relating to the status, placement, acceptance, and treatment of priority ratings and rated orders are contained in DPAS. There are two types of priority ratings: DO ratings and DX ratings. A priority rating consists of either of these rating symbols and one of program identification. For example, DO-A6 identifies the program as ammunition (A6) and gives the contract a DO rating. DX-A5 identifies the program as weapons (A5) and gives the contract a DX rating. The program identification symbol (A5, A6, etc.) does not affect the preferential status of the rating on the applicable contract.

Use of the priorities system is appropriate during the solicitation phase in aligning potential suppliers/subcontractors. It is, therefore, imperative that prospective bidders/offerors identify each request for quotations issued to suppliers as a defense order with the applicable priority rating that would be assigned.

## SEQUENCE OF FILLING RATED ORDERS

Acceptance of a rated order requires scheduling of operations to fill each rated order by the required delivery or performance date, regardless of the sequence in which the orders were received. If this is not possible, precedence must be given as follows:

- a. DX rated orders take precedence over DO rated orders, and DO rated orders take precedence over unrated orders. All DX ratings have equal preferential status; all DO ratings have equal preferential status.
- b. A conflict between rated orders of equal priority status: precedence shall be given to the order which was received first.
- c. A conflict between rated orders of equal priority status received on the same day: precedence shall be given to the order which has the earliest required delivery or performance date.

## MANDATORY USE OF RATINGS

It is mandatory that prime contractors receiving rated orders extend the rating to their subcontractors and suppliers for the materials necessary to complete the rated contract. The priority rating appearing in the contract shall be used when placing subcontracts and purchase orders for production materials, components and/or items (e.g., special jigs, dies, fixtures, and inspection gauges) required for performance on a rated contract. The contractor shall advise subcontractors (first, second, or subsequent tier) to extend the rating and program identification when placing subcontracts and purchase orders. A rated order must contain the following:

- a. The priority rating - which consists of the prefix DO or DX, followed by the program identification, A6, B9, C3, or C9, etc.
- b. A statement that reads in substance: This is a rated order certified for national defense use, and you are required to follow all the provisions of the Defense Priorities and Allocations System regulation (15 CRF 700).
- c. The signature of an authorized official of the firm placing the order.
- d. The delivery date or dates required.

### **PRIORITIES ASSISTANCE**

The priorities provided by DPAS may not always prove effective and compliance with the system by material suppliers may be lacking. In order to aid defense contractors in overcoming such production bottlenecks, DOC provides special assistance. When a defense contractor determines that its supplier's delivery promises will not permit the maintenance of its contract schedule, the contractor may then submit a Request for Special Priorities Assistance on Form BXA-999. Form BXA-999 should be filed through the Administrative Contracting Officer (ACO) administering the contract for processing to Commander, Industrial Operations Command, ATTN: AMSIO-IOI-L, Rock Island, IL 61299-6000. Furnish one advance copy of the Form BXA-999 to AMSIO-IOI-L.

### **PRIORITY RATING FOR PRODUCTION EQUIPMENT**

A priority rating for the purchase of contractor-owned production equipment in support of a rated contract may be authorized to either the prime contractor or its subcontractors. Rating authority requires submittal of a DD Form 691, Application for Production Equipment, through the Administrative Contracting Officer (ACO) administering the contract for processing to Commander, Industrial Operations Command, ATTN: AMSIO-IOI-L, Rock Island, IL 61299-6000. Furnish one advance copy of the DD Form 691 to AMSIO-IOI-L.

### **INFORMATION**

The contractor may request assistance in using the forms BXA-999, Request for Special Priorities Assistance and DD Form 691, Application for Rating for Production Equipment from Commander, Industrial Operations Command, ATTN: AMSIO-IOI-L, Rock Island, IL 61299-6000 (e-mail [dpas@ria-emh2.army.mil](mailto:dpas@ria-emh2.army.mil)).

Copies of a booklet, "Defense Priorities and Allocations System," and a complete list of the regulations, orders, and directions currently in effect, may be obtained from district offices of the U.S. Department of Commerce or from Publications Sales Branch, U.S. Department of Commerce, Washington, D.C. 20230. Copies of DPAS may also be obtained from Commander, Industrial Operations Command, ATTN: AMSIO-IOI-L, Rock Island, IL 61299-6000 (e-mail [dpas@ria-emh2.army.mil](mailto:dpas@ria-emh2.army.mil)).



INSTRUCTIONS TO THE BIDDER/OFFEROR  
(AMCCOM FORM 71-R)

This form may be used to:

- a. request use of Government-owned property or
- b. provide data for evaluation of bids/proposals.

A computer printout equivalent may be used. When requesting use of Government-owned property, you may consolidate to a single request all items for which the unit acquisition cost of each is less than \$3000. When using the form to provide data for evaluation, each must be listed separately.

The title blocks and columns are to be completed by the bidder/offeror as follows:

DESCRIPTION OF ITEM - Furnish a brief description and commodity code of each Government-owned item assigned to the bidder/offeror and required for performance under this bid/proposal. (Commodity code block 1, DD Form 1419, DOD Industrial Plant Equipment Requisition.)

GOVERNMENT ID NUMBER - Indicate Government identification number for each item described in the first column. If "no" Government tag number has been assigned, indicate manufacturer's serial number of each item. (Identification number, block 29, DD Form 1419.)

ACQUISITION COST - Includes original acquisition cost, any transportation and installation cost which were borne by the Government, and any additional costs expended to enhance the condition of machine which were at Government expense.

YEAR OF MFR - Enter last two digits of year of manufacture.

NO OF MOS - Number of months bidder or offeror requires usage of the property.

PRO RATA SHARE - Enter pro rata share (fraction) for the performance of this contract if property is being utilized in the performance of other contracts for which use has also been authorized. Supplemental information must be submitted to support the proration.

LOCATION OF ITEM - Enter name of plant where item is located.

CONTRACT UNDER WHICH FACILITIES ARE ACCOUNTABLE - Enter complete contract number.

## DOCUMENT SUMMARY LIST

Item: TIEDOWN, WEB, SPECIAL PURPOSE  
NSN: 5340-01-204-3009  
Control Number/PRON: C19NABXX

Identifies all first tier documents (cited in SOW) (applicable DIDs). Also included are all referenced documents (2nd, (includes DID block 10 references), 3<sup>rd</sup> and lower tier) which have been tailored.

### DOCUMENT CATEGORY:

CATEGORY O - Unless otherwise specified in the solicitation, contract, or contract modifications, all documents are for guidance and information only.

CATEGORY 1 - The requirements contained in the directly cited document are contractually applicable to the extent specified. All referenced documents are for guidance and information only.

CATEGORY 2 - The requirements contained in the directly cited document and the reference documents identified in the directly cited document are contractually applicable to the extent specified. All subsequently referenced documents are for guidance and information only.

CATEGORY 3 - Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in the directly cited document and all reference and subsequently referenced documents are contractually applicable to the extent specified.

Document Number (Contract Reference) Applicable Tailoring	Document Title	Document Date/ Document Category
1a. MIL-STD-973	Configuration Management	17 Apr 92 Cat 2

See section C clause(s) titled: Value Engineering Change Proposals, Engineering Change Proposals, Deviation and/or Ozone-Depleting Substances.

In the application of MIL-STD-973 Paragraphs 5.4.3, 5.4.4 and 5.4.8 apply, and are tailored as follows:

- (1) Page 53, para 5.4.3.4., Delete "a contractor designed form, or a letter" in the first sentence.
- (2) Page 53, para 5.4.3.3.2a., Line 5, add "or size" after "weight".
- (3) Page 53, Delete para 5.4.3.5., and replace by, "Unless otherwise specified in the contract, requests for critical deviations should be approved or disapproved within 30 calendar days of receipt by the Government and for all other deviations within 60 calendar days of receipt by the Government."
- (4) Para 5.4.3.5.1. Minor deviations.  
Line 3. Delete "...by the activity...Class II change" and insert "by the Contracting Officer."
- (5) Page 55, para 5.4.4.3.2a., Line 7, add "or size" after "weight".

(6) Page 56. Delete paragraph 5.4.4.5 and replace by "Unless otherwise specified in the contract, requests for critical waivers should be approved or disapproved within 30 calendar days of receipt by the Government and for all other RFWs within 60 calendar days of receipt by the Government."

(7) Para 5.4.4.5.1. Minor waivers.  
Lines 4 and 5. Delete "...Contract Administration Office (CAO)." Insert "...Configuration Manager and a Government Contracting Officer."

(8) Page 61, para 5.4.8.3.4., in line 6 add "or size" after "weight".

(9) Page 61, Add new para 5.4.8.3.4.1., "An RFD shall be supported by test data and analysis, where appropriate, and provided to support the decision regarding acceptance of the nonconformance."

(10) Page 61, Delete para 5.4.8.3.5. and replace by, "Unless otherwise specified in the contract, deviations are approved and authorized only by the Contracting Officer. Critical deviations should be processed within 30 calendar days of receipt by the Government and all other RFDs processed within 60 calendar days of receipt by the Government."

(11) Page 62, para 5.4.8.4, Delete lines 7 thru 10 and replace with "standard. All RFWs shall be submitted as specified in the contract for approval or disapproval and acceptance or rejection by the authorized Contracting Officer."

(12) Page 62, para 5.4.8.4.4., on line 6 add "or size" after "weight".

(13) Page 62, Add new para 5.4.8.4.4.1., "an RFW shall be supported by test data and analysis, where appropriate, and provided to support the decision regarding acceptance of the nonconformance."

1b. Interim Notice 3 (DO)	Configuration Management	13 Jan 95 Cat 2
1c. DI-CMAN-80639B (seq A001)	Engineering Change Proposal	13 Jan 95 Cat 2
1d. DI-CMAN-80640B (seq A002)	Request for Deviation	13 Jan 95 Cat 2
1e. DI-CMAN-80641B (seq A003)	Request for Waiver	13 Jan 95 Cat 2
1f. DI-CMAN-80642B (seq A004)	Notice of Revision	13 Jan 95 Cat 2
<hr/>		
2. ANSI/ISO/ASQC Q9003 or equivalent	Quality Systems- Model for Quality Assurance in Final Inspection and Test	18 Jul 94
<hr/>		

3a. NCSL Z540-1 (ES7010)	General Requirements for Calibration Laboratories and Measuring and Test Equipment OR	30 Aug 94
ISO 10012-1 (ES7010)	Quality Assurance Requirements for Measuring Equipment, Part 1: Metrological Confirmation System	1992
3b. DI-QCIC-81006 (DD Form 1423)	Special Inspection Equipment Descriptive Documentation	11 Sep 89 Cat 1

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## GUIDANCE ON DOCUMENTATION OF CONTRACT DATA REQUIREMENTS LIST (CDRL)

The following information is furnished to provide guidance with respect to the abbreviations and codes utilized in various blocks of DD Form 1423, Contract Data Requirements List.

Block 1, Sequence Number. This number is specified by DOD components in accordance with FAR Supplement 4.71..

Block 2, Title of Description of Data. This represents the title or brief description of the data. This title should be identical to the Data Item Description (DID) title with Block 3 being used for further identification, if required.

Block 3, Subtitle of Data. If the title requires further identification, a subtitle is entered.

Block 4, Authority, Data Item Number. Data item number of the DID which provides the data preparation instructions.

Block 5, Contractor Reference. The specific paragraph number of the contract procurement request, system specification or other applicable document which identifies the effort associated with the data item authorized by Block 4 above.

Block 6, Technical Office. The office that is responsible for assuring the adequacy of the data item unless this responsibility is delegated elsewhere in the contract or in Block 7 on the DD Form 1423.

Block 7, DD Form 250 Requirement. This block designates the location (contractor's facility or destination) for performance of Government inspection and acceptance. The applicable codes for inspection and acceptance are cited below. The Government activity to perform the destination acceptance task is entered in Block 14 as the first addressee.

<u>Code</u>	<u>Inspection</u>	<u>Acceptance</u>
SS	*Source (DD Form 250)	*Source (DD Form 250)
DD	Destination (DD Form 250)	Destination (DD Form 250)
SD	*Source (DD Form 250)	Destination (DD Form 250)
DS	Destination (DD Form 250)	*Source (DD Form 250)
LT	Letter of Transmittal only	
NO	No inspection or acceptance required	
XX	Inspection/acceptance requirements specified elsewhere in the contract	

\*Source indicates contractor's facility.

Block 8, Approval Code. Items of critical data requiring specific advanced written approval, such as test plans, are identified by an "A" in this field. This data requires submission of a preliminary draft prior to publication of the final document. When advanced approval is not required, this field is blank.

Block 9, Distribution Statement Required. The code letter corresponding to the distribution statement to be marked on the technical data item by the contractor, in accordance with DoD Directive 5230.24 and the guidance in DoD 5010.12-M.

**Block 10. Frequency.** The codes that appear in this block are cited below:

ANPLY	Annually	ASGEN	As generated*
ASREQ	As required*	BI-MO	Every 2 months
BI-WE	Every 2 weeks	DAILY	Daily
DFDEL	Deferred delivery	MTHLY	Monthly
ONE/P	One preliminary	ONE/R	One time w/revisions
QRTLY	Quarterly	R/ASR	Revision as required*
SEMIA	Every 6 months	WEKLY	Weekly
XTIME**	Number of times to be submitted (1TIMES, 2TIMES, etc)		

\*Use of these codes requires further explanation in block 16 to provide the contractor with guidance necessary to accurately price the deliverable data item.

\*\*A number must be inserted in place of the "X".

**Block 11. As of Date (AOD).** When data is submitted only once, this block indicates the number of days the data is to be submitted prior to the end of the reporting period; e.g., "15" would place the AOD for this report as 15 days before the end of each month, quarter, or year depending on the frequency established in Block 10; "0" places the AOD at the end of the month, quarter, or year. Further guidance is shown in Block 13 or 16 as required.

**Block 12. Date of First Submission.** This block indicates the initial data submission date (Year/Month/Day). When the contract start date has not been established, this block indicates the number of days after the contract start date that the data is due; e.g., 30 days after contract (DAC). Further information, if required, is contained in Block 13. "DFDEL" indicates deferred delivery.

**Block 13. Date of Subsequent Submission/Event Identification.** When data is submitted more than once, the date(s) of subsequent submission(s) is indicated in this block. Example: "Not later than (NLT) 15 days before start of production"; 45 days before first article", etc.

**Block 14. Distribution and Addressees.** Addressees and number of copies (draft/regular/reproducible) to be forwarded to each addressee as cited in this block. Addressees are indicated by office symbols (i.e., AMSTA-XYZ). A list explaining these symbols and their addressees is attached to the form. When reproducible copies are required, the type of copies required will be cited in this block or Block 16.

NOTE: Unless otherwise cited in Block 10 of DD Form 1664, entries in Blocks 3 through 9 on DD Form 1664, Data Item Descriptions, are for information purposes only and are not contractually binding.

NOTE: It is required that data items be delivered using electronic media. Where possible electronic transmission (e-mail) is the most preferred method. Refer to the Contract Data Requirements List (CDRL), DD Form 1423 for more specific information (i.e., e-mail addresses, etc.)

For narrative kinds of reports, submission of a 3 ½ inch disk in Rich Text Format (RTF), Microsoft Word or by e-mail is acceptable. For spreadsheets or database kinds of reports, the acceptable software packages would be Microsoft Office products, i.e., Access or Excel. If these packages are not available, the information could be forwarded using a word processing kind of document saved in a Rich Text Format (RTF).

## LIST OF ADDRESSES

(see block 14 of DD form 1423 for symbols that apply)

Commander  
U.S. Army Industrial Operations Command  
ATTN: AMSIO-\_\_\_\_\_  
Rock Island, IL 61299-6000

Commander  
Soldier and Biological Chemical Command  
ATTN: AMSSC-HB-ADM (RI)  
Rock Island, IL 61299-7390

Commander  
Soldier and Biological Chemical Command  
ATTN: AMSSC-HB-DDN (RI)  
Rock Island, IL 61299-7390

Director  
Armament and Chemical Acquisition, and Logistics Activity  
ATTN: AMSTA-AC-PCH\_\_\_\_\_  
Rock Island, IL 61299-7630

Commander  
U.S. Army Armament Research, Development and Engineering Center  
ATTN: AMSTA\_\_\_\_\_  
Building 19  
Picatinny Arsenal, NJ 07806-5000

ADDRESS CODE DISTRIBUTION - for ECPs/RFDs/RFWs/VECPs  
(Configuration Management)

1. Concurrent distribution of Engineering Change Proposals (ECPs), Request for Deviations (RFDs), Request for Waivers (RFWs) or Value Engineering Change Proposals (VECPs) shall be submitted by the contractor as follows:
2. The contractor shall provide the **original** to:  
  
Director, Armament and Chemical Acquisition and Logistics Activity (ACALA)  
Attn: AMSTA-AC-PCH (Donna Jennings)  
Rock Island, IL 61299-7630
3. Provide one copy to:  
  
Administrative Contracting Officer
4. When ECPs, RFDs, RFWs, or VECs are determined to be Urgent, Critical and/or Schedule impacting, an action copy should be provided facsimile (FAX) to AMSTA-AR-QAD (R) at (309) 782-6339. This transmission is to be immediately followed with the usual hard copy mailing.
5. As an alternate means of distribution to ACALA, the contractor is encouraged to use electronic mail (E-mail). E-mail transmission of ECPs, RFDs, RFWs and VECs shall be in Portable Document Format (".PDF" file). The transmission shall be to the following addressees:

Terryr@ria.army.mil  
JenningsD2@ria.army.mil

Hard copy submission to the Administrative Contracting Officer is still required

# PRICING SHEET

(contractor must complete)

ITEM: SP WEB TIEDOWN STRAP

NSN: 5340-01-209-3009

Based on PERFORMANCE SPEC MIL-PRF-71224, Type 1

ORDERING PERIOD	QUANTITY ORDER RANGE <u>Est Qty: 31,500</u>	UNIT PRICE
1	1,000 - 24,999	\$
	25,000 - 47,000	
	47,001 - 60,000	\$
2	<u>Est Qty: 15,000</u>	
	1,000 - 9,999	\$
	10,000 - 25,000	\$
3	25,001 - 40,000	\$
	<u>Est Qty: 13,000</u>	
	1,000 - 9,999	\$
5	10,000 - 20,000	\$
	20,001 - 35,000	\$
	<u>Est Qty: 12,000</u>	
5	1,000 - 9,999	\$
	10,000 - 20,000	\$
	20,001 - 35,000	\$
5	<u>Est Qty: 10,000</u>	
	1,000 - 9,999	\$
	10,000 - 20,000	\$
5	20,001 - 35,000	\$

EVALUATION SHEET FOR GOVERNMENT USE ONLY

SP Web Tiedown Strap NSN 5340-01-209-3009 Based on PERFORMANCE SPEC MIL-PRF-71224, Type 1

ORDERING PERIOD	QUANTITY ORDER RANGE	UNIT PRICE	X WEIGHT	= WEIGHTED UNIT PRICE	X QUANTITY MULTIPLIER	= WEIGHTED PRICE	= TOTAL WEIGHTED PRICE
1	1,000 - 24,999	\$ <input type="text"/>	.15	\$ _____	1000	\$ _____	\$ _____
	25,000 - 47,000	\$ <input type="text"/>	.80	\$ _____	25000	\$ _____	
	47,001 - 60,000	\$ <input type="text"/>	.05	\$ _____	47001	\$ _____	
2	1,000 - 9,999	\$ <input type="text"/>	.15	\$ _____	1000	\$ _____	\$ _____
	10,000 - 25,000	\$ <input type="text"/>	.80	\$ _____	10000	\$ _____	
	25,001 - 40,000	\$ <input type="text"/>	.05	\$ _____	25,001	\$ _____	
3	1,000 - 9,999	\$ <input type="text"/>	.15	\$ _____	1000	\$ _____	\$ _____
	10,000 - 20,000	\$ <input type="text"/>	.80	\$ _____	10000	\$ _____	
	20,001 - 35,000	\$ <input type="text"/>	.05	\$ _____	20001	\$ _____	
4	1,000 - 9,999	\$ <input type="text"/>	.15	\$ _____	1000	\$ _____	\$ _____
	10,000 - 20,000	\$ <input type="text"/>	.80	\$ _____	10000	\$ _____	
	20,001 - 35,000	\$ <input type="text"/>	.05	\$ _____	20,001	\$ _____	
5	1,000 - 9,999	\$ <input type="text"/>	.15	\$ _____	1000	\$ _____	\$ _____
	10,000 - 20,000	\$ <input type="text"/>	.80	\$ _____	10000	\$ _____	
	20,001 - 35,000	\$ <input type="text"/>	.05	\$ _____	20,001	\$ _____	
<b>TOTAL PRICE</b>						\$ _____	\$ _____

CONTRACT DATA REQUIREMENTS LIST

DD FORM 1423 (MECHANIZED)

CATEGORY: MISC SYSTEM/ITEM: TIEDOWN,WEB,SPECIAL PURPOSE  
TO CONTRACT/PR: C19NABXX

1. SEQUENCE NUMBER		14. DRFT/REG/REPRO DISTRIBUTION COPIES
2. TITLE OF DATA ITEM		
3. SUBTITLE		
4. DATA ITEM NUMBER		
5. CONTRACT REFERENCE		
6. TECHNICAL OFFICE	7. DD 8. APP 9. DIST STATEMENT 250 CODE REQUIRED	
10. FREQUENCY	11. AS OF DATE	15. TOTAL:
12. DATE OF 1ST SUBMISSION	13. DATE OF SUBSEQUENT SUBMISSION	
16. REMARKS		

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1. A001		14. SEE ADDRESS CODE / / DISTRIBUTION / / ATTACHED / /
2. ENGINEERING CHANGE PROPOSAL (ECP)		
3. *		
4. DI-CMAN-80639B		
5. MIL-STD-973		
6. AMSSC-HB-ADM(RI)	7. LT 8. - 9.**	
10. ASREQ	11. ---	15. TOTAL 0/ 0/ 0
12. ASREQ	13.	

16. REMARKS  
ECP SHORT FORM SHALL BE USED FOR THE SUBMISSION AND PROCESSING OF ALL CLASS II ENGINEERING ACTIONS. \*\*DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER.

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1. A002		14. SEE ADDRESS CODE / / DISTRIBUTION / / ATTACHED / /
2. REQUEST FOR DEVIATION (RFD)		
3.		
4. DI-CMAN-80640B		
5. MIL-STD-973		
6. AMSSC-HB-ADM(RI)	7. LT 8. - 9.**	
10. ASREQ	11. ---	15. TOTAL 0/ 0/ 0
12. ASREQ	13.	

16. REMARKS  
\*\*DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER.

1. A003				14.	
2. REQUEST FOR WAIVER (RFW)				SEE ADDRESS CODE	/ /
3.				DISTRIBUTION	/ /
				ATTACHED	/ /
4. DI-CMAN-80641B					
5. MIL-STD-973					
6. AMSSC-HB-ADM(RI)	7. LT	8. -	9.**		
10. ASREQ	11. ---			15. TOTAL	0/ 0/ 0
12. ASREQ		13.			
16. REMARKS	**DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER.				

1. A004				14.	
2. NOTICE OF REVISION (NOR)				SEE ADDRESS CODE	/ /
3.				DISTRIBUTION	/ /
				ATTACHED	/ /
4. DI-CMAN-80642B					
5. MIL-STD-973					
6. AMSSC-HB-ADM(RI)	7. LT	8. -	9.**		
10. ASREQ	11. ---			15. TOTAL	0/ 0/ 0
12. ASREQ		13.			
16. REMARKS	THE CONTRACTOR SHALL PREPARE AND SUBMIT A NOR FOR EACH DRAWING, ASSOCIATED LIST, OR OTHER REFERENCED DOCUMENT WHICH REQUIRE REVISION AFTER ECP APPROVAL. **DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER.				

ALL THE ABOVE MAY BE SUBMITTED TO:

COMMANDER  
U.S.ARMY SOLDIER AND BIOLOGICAL CHEMICAL COMMAND (SBCCOM)  
ATTN: AMSSC-HB(RI),CDE Quality Cell  
ROCK ISLAND,IL 61299-7390

1. A005				14.	
2. SPECIAL INSPECTION EQUIPMENT DESCRIPTIVE DOC.				AMSSC-HB-ADM(RI)	/ 1/
3. AIE DESIGN DOCUMENTATION					/ /
				QAR	/ 1/
4. DI-QCIC-81006				CO (LT ONLY)	/ /
5. SECTION E					
6. AMSSC-HB-ADM(RI)	7. XX	8. A	9. N/A		
10. ONE/R	11.N/A			15. TOTAL	0/ 2/0
12. **		13.WHEN REV.			
16. REMARKS	*BLOCK 4: DO NOT ADDRESS PARAGRAPHS 10.1, 10.2,10.4.1(f) AND 10.4.2.				

IGNORE ALL REFERENCE TO THE WORD "SPECIAL" IN DID.SUBMIT FOR ALL TESTS AND ALL CRITICAL, SPECIAL AND MAJOR CHARACTERISTICS IN SPECIFICATION OR QAP. UNLESS OTHERWISE SPECIFIED, INSPECTION EQUIPMENT INCLUDES STANDARD MEASURING AND TEST EQUIPMENT AND/OR COMMERCIAL OFF THE INSPECTION/TEST EQUIPMENT. \*\*BLOCK 12:SUBMIT 45 DAYS PRIOR TO FA,OR PRODUCTION,IF FA IS WAIVED. THE GOVERNMENT WILL RESPOND WITHIN 45 DAYS OF RECEIPT OF ORIGINALS AND REVISIONS. REVISIONS ARE TO BE SUBMITTED WITHIN 10 DAYS OF RECEIPT OF GOVERNMENT RESPONSE. IF DOCUMENTATION WAS APPROVED ON PRIOR CONTRACT AND NO CHANGES WERE MADE, SUBMIT ONLY EVIDENCE OF PRIOR APPROVALS.

All submissions should be presented in the following formats via e-mail or on PC compatible CD-ROM,100MB Iomega ZIP disks, or 3.5"high density floppy discs

Textual Information	MS Office compatible (i.e. doc.xls,rtf)
Technical Drawings	Windows Metafile,Bitmap,JPEG, DesignCAD 2D or AutoCAD formats
Illustrations/Photos	Windows Metafile,Bitmax,JPEG (i.e.WMF,BMP,JPG,GIF)

Files may be compressed using ZIP program.

WARNING: Large packages may cause delays in delivery using mail internet.

Email subject line must contain end item nomenclature.

email: cromerf@ria.army.mil

Postal:US ARMY SOLDIER AND BIOLOGICAL CHEMICAL COMMAND(SBCCOM)

ATTN:AMSSC-HB-ADM(RI), CDE QA CELL,BLDG.62,ROCK ISLAND,IL 61299-7390

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APPROVED BY: STEPHEN J HANSEN, SDMO, AMSTA-AR-QAD

DATE: 12/07/1998

**INSTRUCTIONS FOR COMPLETING DD FORM 1423**  
(See DoD 5010.12-M for detailed instructions.)

**FOR GOVERNMENT PERSONNEL**

- Item A.** Self-explanatory.
- Item B.** Self-explanatory.
- Item C.** Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management", etc.
- Item D.** Enter name of system/item being acquired that data will support.
- Item E.** Self-explanatory (to be filled in after contract award).
- Item F.** Self-explanatory (to be filled in after contract award).
- Item G.** Signature of preparer of CDRL.
- Item H.** Date CDRL was prepared.
- Item I.** Signature of CDRL approval authority.
- Item J.** Date CDRL was approved.
- Item 1.** See DoD FAR Supplement Subpart 4.71 for proper numbering.
- Item 2.** Enter title as it appears on data acquisition document cited in Item 4.
- Item 3.** Enter subtitle of data item for further definition of data item (optional entry).
- Item 4.** Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.
- Item 5.** Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).
- Item 6.** Enter technical office responsible for ensuring adequacy of the data item.
- Item 7.** Specify requirement for inspection/acceptance of the data item by the Government.
- Item 8.** Specify requirement for approval of a draft before preparation of the final data item.
- Item 9.** For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoD 5230.24).
- Item 10.** Specify number of times data items are to be delivered.
- Item 11.** Specify as-of date of data item, when applicable.
- Item 12.** Specify when first submittal is required.
- Item 13.** Specify when subsequent submittals are required, when applicable.
- Item 14.** Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.
- Item 15.** Enter total number of draft/final copies to be delivered.
- Item 16.** Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14; Desired medium for delivery of the data item.

**FOR THE CONTRACTOR**

**Item 17.** Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

**Item 18.** For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. These estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.