

MILITARY SPECIFICATION

COVER AND CHAIN ASSEMBLIES
(INTERNAL THREADS, FOR USE ON WATERPROOF
CONNECTORS)

1. SCOPE

1.1 Scope.- This specification covers the detail requirements for cover and chain assemblies with internal threads for use with waterproof connectors.

1.2 Style.- The style of cover and chain assemblies shall be as specified on figure 1.

2. APPLICABLE DOCUMENTS

2.1 The following specifications, of the issue in effect on date of invitation for bids, form a part of this specification:

SPECIFICATIONS

MILITARY

MIL-C-12520	Connectors, Plug and Receptacle (Electrical, Waterproof); and Accessories; General Specification for.
MIL-C-13924	Coating, Oxide, Black, for Ferrous Metals.

(Copies of specifications required by contractors in connection with specific procurement functions should be obtained from the procuring agency or as directed by the contracting officer.)

3. REQUIREMENTS

3.1 Requirements.- Material requirements shall be in accordance with Specification MIL-C-12520, and as specified herein.

3.2 Design and construction.- Cover and chain assemblies shall be of the design, construction, and physical dimensions specified on figure 1.

3.2.1 Cover.- The cover shall be fabricated of corrosion-resistant steel.

3.2.2 Threaded part.- The threaded part shall be of corrosion-resistant steel and shall be brazed to the cover at the point indicated on figure 1.

3.2.3 Gasket.- The gasket shall be fabricated of rubber or neoprene.

3.2.4 Bead chain.- The bead chain shall be fabricated of corrosion-resistant steel and shall swivel freely after assembly.

3.2.5 Coating.- Cover and chain assemblies shall be coated in accordance with Specification MIL-C-13924.

3.3 Marking.- Marking shall be in accordance with Specification MIL-C-12520, except that the cover and chain assemblies shall be marked with the applicable style shown on figure 1. The following notice shall be marked on the front face of the cover:

CAUTION: Do Not Cover Connector With Power On.

4. QUALITY ASSURANCE PROVISIONS

4.1 Sampling and inspection shall be in accordance with Specification MIL-C-12520. Only visual and mechanical inspection, group A, is applicable.

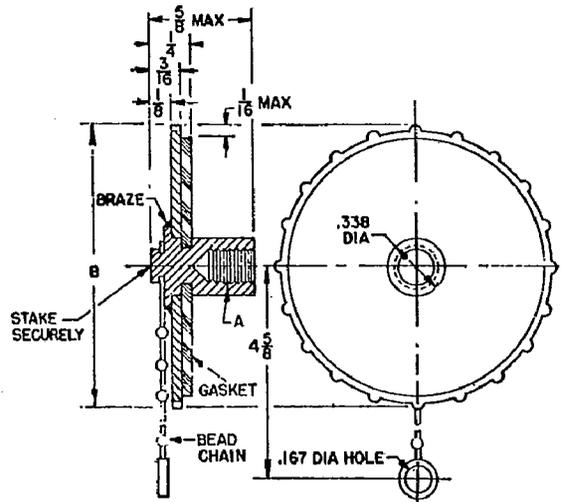
5. PREPARATION FOR DELIVERY

5.1 Preparation for delivery shall be in accordance with Specification MIL-C-12520.

6. NOTES

6.1 Notes.- In addition to the notes specified herein, the notes specified in Specification MIL-C-12520 are applicable to this specification.

6.2 Intended use.- Cover and chain assemblies covered by this specification are intended for use with the connector types covered by Specifications MIL-C-12520/16 "Connectors, Plug, Electrical, Waterproof (Cathedral Shape, Shell Size 20, Female Inserts)"; MIL-C-12520/17 "Connectors, Plug, Electrical, Waterproof (Cathedral Shape, Shell Size 20, Male Inserts)"; MIL-C-12520/18 "Connectors, Plug, Electrical, Waterproof (Cathedral Shape, Shell Size 26, Male Inserts)"; MIL-C-12520/5A "Connectors, Plug, Electrical, Waterproof (Round Shape, Shell Size 20, Female Inserts)"; MIL-C-12520/6A "Connectors, Plug, Electrical, Waterproof (Round Shape, Shell Size 20, Male Inserts)"; MIL-C-12520/7A "Connectors, Plug, Electrical, Waterproof (Round Shape, Shell Size 26, Male Inserts)"; and MIL-C-12520/10A "Connectors, Receptacle, Electrical, Waterproof (Shell Size 26, Male Inserts)".



1. All dimensions in inches.
2. Unless otherwise specified, tolerances are $\pm \frac{1}{64}$ on fractions and $\pm .005$ on decimals.

Style	A	B	For use with connector types
1N	$\frac{1}{4}$ -20 NS-2B thd	$1\frac{1}{4}$	UW1226M..., UW1326M..., UW2026M...
2N	$\frac{1}{4}$ -20 NS-2B thd	$1\frac{3}{8}$	UW1220M..., UW1320M...
3N	#10-32 NS-2B thd ..	$1\frac{1}{8}$	UW1220F..., UW1320F...

FIGURE 1. Cover and chain assembly

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Preparing activity

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