

COMMERCIAL ITEM DESCRIPTION

Shield, Expansion

(Wood Screw and Lag Bolt Self-Threading Anchors)

The General Services Administration has authorized the use of this commercial item description by all federal agencies.

1. SCOPE. This commercial Item Description (CID) covers wood screw and lag bolt self-threading anchors for use in attaching equipment and fixtures to masonry.
2. SALIENT CHARACTERISTICS.

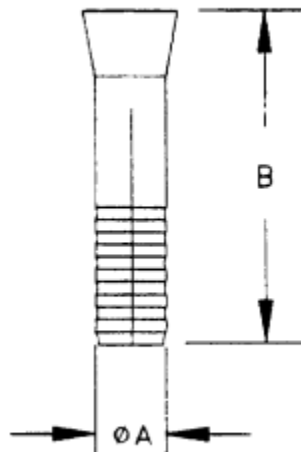


FIGURE I. SELF-THREADING ANCHOR CONFIGURATION

Beneficial comments, recommendations, additions, deletions, clarifications, and any other data that may improve this document should be sent to: DLA Weapons Support, ATTN: VAI, P.O. Box 3990, Columbus OH 43218-3990, or email fluidflow@dla.mil. Since contact information can change you may want to verify the currency of the address information using the ASSIST Online database at <https://assist.dla.mil>.

AMSC N/A

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FSC 5340



TABLE 1 DASH NUMBER AND DIMENSIONS

Dash Numbers	Wood Screw Size (Number)	ØA Outside Diameter (Nominal)	B Anchor Length (Nominal)	Average Ultimate Capacity ^{1,2} (LBS) (Minimum)
101	6-8	250	750	88
102	6-8	250	1000	122
103	6-8	250	1500	192
104	10-14	3125	750	192
105	10-14	3125	1000	360
106	10-14	3125	1500	800
107	16-18	375	1000	412
108	16-18	375	1500	940

1/ Recommended safe working load is one-fourth of the overage ultimate capacity.

2/ Test in accordance with ASTM E488/E488M.

2.1 Material for self-threading anchors shall be lead or lead alloy.

3. REGULATORY REQUIREMENTS.

3.1 The offeror/contractor is encouraged to use recovered, recycled, bio based, and environmentally preferable materials to the maximum extent practicable, in accordance with paragraph 23.403, 23.404(b) of the Federal Acquisition Regulation FAR.

3. PRODUCT CONFORMANCE PROVISIONS.

4.1 Product conformance. The products provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance.

4. PACKAGING.

5.1 Preservation, packing and marking shall be as specified in the contract or order.

6. NOTES

6.1 Unless otherwise specified, all dimensions are in inches.

6.2 Packaging shall be in accordance with ASTM D3951.

6.3 Wood screws and lag bolts are not included with self-threading anchors unless specified in the purchasing contract.

6.4 CID based part identification number The following part identification numbering procedure is for Government purposes and does not constitute a requirement for the contractor.

Example

AA 55615 - 101

Designates dash number (see table I)

CID number

Designates a CID

6.5 Source of documents.

FEDERAL REGULATIONS

FAR - Federal Acquisition Regulations (FAR)

(copies of these documents are available online at www.acquisition.gov.comp/far/index.html.)

Other Publications

ASTM INTERNATIONAL

ASTM D3951 - Standard Practice for Commercial Packaging

ASTM E488/E488M - Standard Test Methods for Strength of Anchors in Concrete Elements

(Copies of these documents are available at <https://www.astm.org>.)

6.6 Key words.

Concrete
Ultimate capacity
Lead

6.7 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.

Custodians:
Army – AR
Navy – YD
DLA - CC

Preparing activity:
DLA - CC

(Project 5340-2026-007)