

NOTICE OF
VALIDATION

INCH-POUND

A-A-1922A
NOTICE 2
28 June 2006

COMMERCIAL ITEM DESCRIPTIONS (CIDS)

Shield, Expansion (Caulking Anchors, Single Lead)

A-A-1922A, dated 21 August 2001, has been reviewed and determined to be valid for use in acquisition.

Custodians:

Army - AR
Navy - YD
Air Force - 99

Preparing Activity:

DLA - IS

NOTE: The activities 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 assist.daps.dla.mil.

NOTICE OF
VALIDATION

INCH-POUND

A-A-1922A
NOTICE 1
21 August 2001

COMMERCIAL ITEM DESCRIPTIONS (CIDS)

SHIELD, EXPANSION (CAULKING ANCHORS, SINGLE LEAD)

A-A-1922A, dated 18 July 1995, has been reviewed and determined to be valid for use in acquisition.

Custodians:

Army - AR
Navy - YD
Air Force - 99

Preparing activity:

DLA - IS

AMSC N/A

FSC 5340

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

[INCH POUND]

A-A-1922A
 18 JULY 1995
 SUPERSEDING
 A-A-1922
 2 May 1983

COMMERCIAL ITEM DESCRIPTION

SHIELD, EXPANSION (CAULKING ANCHORS, SINGLE LEAD)

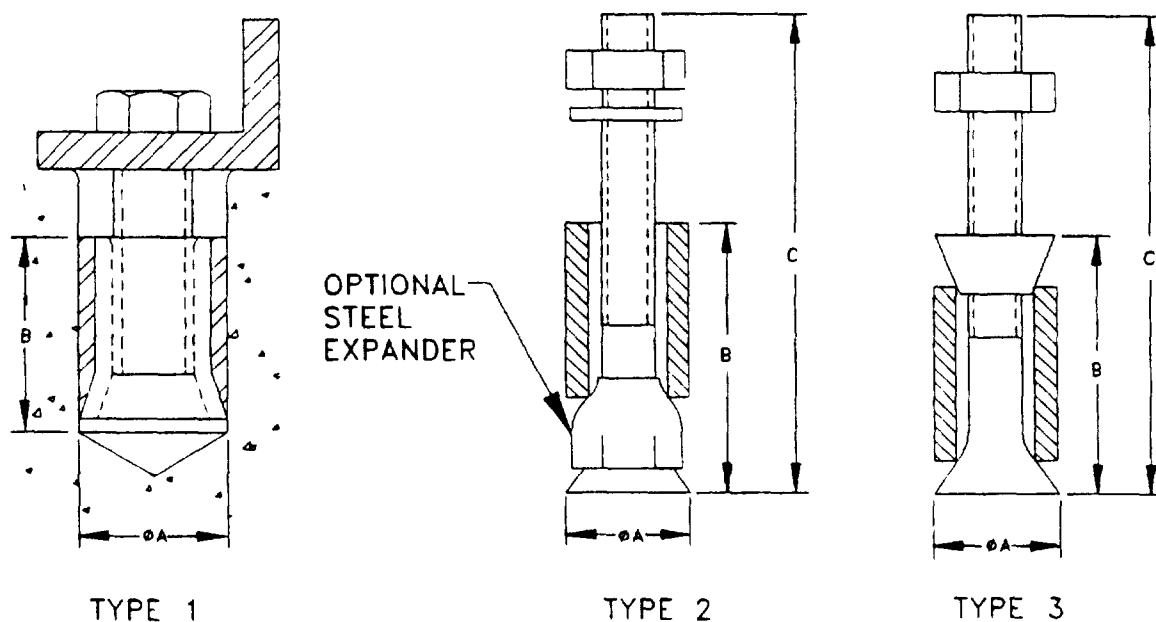
The General Services Administration has authorized the use of this Commercial Item Description for all Federal agencies

1 SCOPE. This Commercial Item Description (CID) covers the following types of single lead caulking anchors for use in attaching equipment and fixtures to masonry

- Type 1 - Expansion Nut Anchors (TABLE I)
- Type 2 - Expansion Bolt Anchors, single-end expansion sleeve (TABLE II)
- Type 3 - Expansion Bolt Anchors, double-end expansion sleeve (TABLE II)

2. SALIENT CHARACTERISTICS

2.1 Caulking anchor configurations



Beneficial comments, recommendations, additions, deletions, clarifications, etc., and data which may improve this document should be sent to: Defense Industrial Supply Center, Attn: DISC-ECB, 700 Robbins Avenue, Philadelphia, PA 19111-5096

A-A-1922A

TABLE I TYPE 1, DASH NUMBERS AND DIMENSIONS

| Type 1 Dash Numbers | Thread Size UNC-2B | Anchor Dimensions | | Average Ultimate Capacity 1,2 (Lbs) |
|---------------------------|-----------------------|--------------------------------|--|--|
| | | Outside Diameter A(Minimum) | Assembled Height B With an Expander (Minimum) | |
| 101 | .138-32 | 250 | 375 | 150 |
| 102 | 164-32 | 3125 | 500 | 250 |
| 103 | 190-24 | 375 | 625 | 300 |
| 104 | .216-24 | 4375 | 750 | 400 |
| 105 | 250-20 | 500 | 750 | 500 |
| 106 | 3125-18 | 625 | 1.000 | 850 |
| 107 | 375-16 | 750 | 1 250 | 1250 |
| 108 | 500-13 | 875 | 1 500 | 2300 |
| 109 | .625-11 | 1 000 | 1 750 | 3700 |
| 110 | .750-10 | 1 250 | 2 000 | 5500 |

1 Recommended safe working load is one-fourth of the average ultimate capacity

2 Test in accordance with ASTM E488

TABLE II. TYPES 2 AND 3, DASH NUMBERS AND DIMENSIONS

| Type 2 Dash Numbers | Type 3 Dash Numbers | Thread Size UNC-2A | Anchor Dimensions | | | Average Ultimate Capacity 1,2 (Lbs.)(Minimum) |
|---------------------------|---------------------------|-----------------------|---------------------------------|----------------------------------|-------------------------------|---|
| | | | Outside Diameter A (Minimum) | Overall Length B (Minimum) | Bolt Length C (Minimum) | |
| 201 | 301 | 250-20 | 500 | 750 | 2 500 | 500 |
| 202 | 302 | 375-16 | .625 | 1 000 | 3 500 | 1250 |
| 203 | 303 | 500-13 | 875 | 1 500 | 4 000 | 2300 |

1 Recommended safe working load is one-fourth of the average ultimate capacity

2 Test in accordance with ASTM E488

2 2 1 Caulking anchor expansion sleeves shall be made of lead or lead alloy

222 Type 1 caulking anchor expanders shall be made of brass, malleable iron, steel or hard zinc alloy

2.2.3 Type 2 caulking anchor expanders and washers shall be made of steel

2.2.4 Type 3 caulking anchor expanders shall be made of lead or lead alloy

2 2 5 Type 2 and 3 caulking anchor bolts and nuts shall be made of steel

2 2 6 Type 2 and 3 caulking anchor nuts shall be in accordance with
ANSI/ASME B18 2 2

2.2.7 Type 2 caulking anchor washers shall be in accordance with ANSI/ASME B18.2.2

3.1 The suppliers shall be responsible for those in process controls and inspections necessary to supply a product consistently conforming to the requirements of this document

3.2 Upon request, the supplier will certify with documented test/inspection evidence, that the parts supplied meet the requirements of this document

4.1 Unless otherwise specified, all dimensions are in inches

4.2 Bolts are not included with Type I caulking anchors unless specified in the purchasing contract.

4.3 Packaging shall be in accordance with ASTM D3951

4.4 Each package of 25 to 100 caulking anchors shall contain an installation tool

4.5 The part identification number (PIN) shall consist of the basic commercial item description number followed by a dash number from Table I or Table II.

Example. AA1922-101

Dash number

Basic number

Custodians

Army AR

Navy - YD

Air Force - 99

Preparing Activity

DLA - IS

(Project 5340-2224)

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

INSTRUCTIONS

- 1 The preparing activity must complete blocks 1, 2, 3 and 8. In block 1, both the document number and revision letter should be given.
 - 2 The submitter of this form must complete blocks 4, 5, 6 and 7.
 - 3 The preparing activity must provide a reply within 30 days from receipt of the form.
 - 4 This form may not be used to request copies of documents, or to request waivers, or clarification of requirements on current contracts.
- Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual

1. RECOMMEND A CHANGE

1 DOCUMENT NUMBER **A-A-1922A**

2 DOCUMENT DATE (YYMMDD) **950718**

3 DOCUMENT TITLE **SHIELD, EXPANSION (CAULKING ANCHORS, SINGLE LEAD)**

4 NATURE OF CHANGE (Identify paragraph number and include proposed rewrite, if possible. Attach sheets if needed.)

5 REASON FOR RECOMMENDATION



6 PREPARING ACTIVITY **DLA-IS**

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