

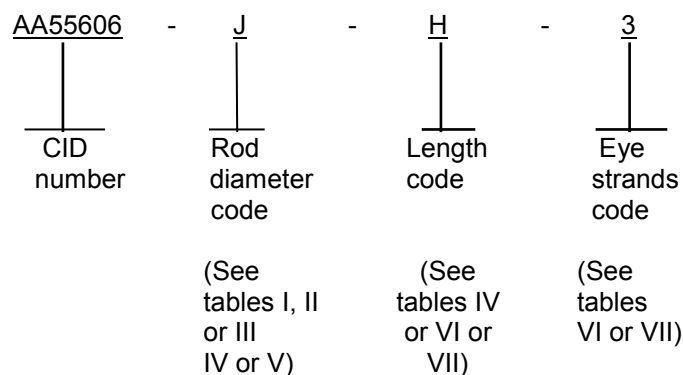
[INCH-POUND]
 A-A-55606A
 9 December 2013
 SUPERSEDING
 A-A-55606
 21 August 1995

COMMERCIAL ITEM DESCRIPTION

ANCHOR, GUY, AND RODS, ANCHOR

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 general requirements for anchor, guy, and rods, anchor. Anchor, guy, and rods, anchor covered by this CID are intended for commercial/industrial applications.
2. CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN). This CID uses a classification system which is included in the PIN as shown in the following example (see 7.1).



Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data that may improve this document should be sent to: DLA Land and Maritime, 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>.

A-A-55606A

3. SALIENT CHARACTERISTICS.

3.1 Interface and physical dimensions. Anchor, guy, and rods, anchor supplied to this CID shall be as specified herein.

3.2 Material. The material shall be UNS G10350 steel in accordance with ASTM A29/A29M.

3.3 Finish. Guy anchors and anchor rods shall be hot-dip galvanized in accordance with ASTM A153/A153M.

3.4 Threads. Anchor rod threads shall be as specified in FED-STD-H28/2. Rods for plate anchors shall be threaded to a minimum of 3.5 inches. Rods with separate eyes shall be threaded to a minimum of 1.5 inches.

3.5 Nut. A nut shall be included with each rod anchors from table 6.

3.5.1 Nut and Bolt. A high strength nut and bolt shall be included with each extension and guy adapter from Table 7.

3.6 Dimensions. Dimensions shall be as described in tables I, II, III, IV, V, VI, and VII.

TABLE I. Plate anchors.

Part code	Hole size	Rod diameter	Anchor Area	Plate Type
1A	6	5/8	70	Expanding Plate
1B	8	5/8, 3/4	135	
1C	10	3/4, 1	200	
1D	12	1, 1-1/4	300	
1E	16	5/8, 3/4	150	Cross Plate
1F	20	5/8, 3/4, 1	250	
1G	24	5/8, 3/4, 1, 1-1/4	400	

TABLE II. Screw anchors, no wrench, triple strand eye.

Part Code	Helix Diameter	Rod Diameter	Torque Capacity	Rod Length
2A	4	3/4	400	54
2B	6	3/4	400	66
2C	8	1	1000	66
2D	10	1-1/4	2300	66
2E	10	1-1/4	2300	96
2F	14	1-1/4	2300	96

A-A-55606A

TABLE III. Screw anchors, power installed, square core.

Part Code	Helix Diameter	Rod Diameter	Torque Capacity	Core Size
3A	8	5/8, 3/4, 1	5000	1-3/8
3B	10	5/8, 3/4, 1		
3C	12	3/4, 1		
3D	8	5/8, 3/4, 1	6000	
3E	10	5/8, 3/4, 1		
3F	12	5/8, 3/4, 1		
3G	14	3/4, 1		
3H	8	3/4, 1	7000	1-1/2
3J	10			
3K	8		10000	
3L	10	3/4, 1		
3M	12			
3N	14			

TABLE IV. Screw anchors, power installed, multiple helix.

Part Code	Helix Combinations	Length	Rod Diameter	Torque Capacity
4A	8, 10	84	1-1/4 Round	2300
4B	8, 10, 12			
4C	8, 10	60	1-1/2 Square	5500
4D	10, 12			
4E	8, 10, 12	84		
4F	10, 12, 14			
4G	10, 12, 14	120		

TABLE V. Rock anchors, split wedge, triple strand eye.

Part Code	Hole Size	Rod Diameter	Rod Length
5A	1-3/4	3/4	15, 30, 53, 72, 84, 96
5B	2-1/4	1	

TABLE VI. Anchor rods.

Part Code	Diameter Combinations	Length	Eye Strands	Style
6A	1/2	60, 72, 84	Single	Forged Eye, for Plate Anchors
6B	5/8	60, 72, 84, 96	Single, Double	
6C	3/4	84, 96, 108	Single, Double, Triple	
6D	1	96, 120	Single, Double, Triple	
6E	1-1/4	120	Triple	
6F	5/8	42, 84	Single, Double, Triple	Separate Eye nut, for Anchors from Table 3
6G	3/4			
6H	1			

A-A-55606A

TABLE VII. Extension and guy adapters. 1/

Part Code	Type	Length	Eye Strands
7A	Extension with bolt	42, 60, 84, 120	N/A
7B	Adapter with bolt	18	Single, Double, Triple

1/ For use with anchors from table 4

3.7 Marking. Anchor, guy, and rods, anchor supplied to this CID shall be marked with the manufacturer's (MFR's) standard commercial PIN. (NOTE: The part number marked on the unit pack shall be the CID PIN.)

3.8 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs. Anchor, guy, and rods, anchor shall be processed in such a manner as to be uniform in quality and shall be free from other defects that will affect life, serviceability, or appearance.

4. REGULATORY REQUIREMENTS. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with 23.403 of the Federal Acquisition Regulation (FAR).

5. PRODUCT CONFORMANCE PROVISIONS.

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

5.2 Certification. Certification must be done with the procuring activity approval. The contractor shall certify that the product offered meets the salient characteristics of the description and conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and is the same as the product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract

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

7. NOTES.

7.1 PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See section 2 for PIN format example.

7.2 Environmentally preferable material. Environmentally preferable materials should be used to the maximum extent possible to meet the requirements of this specification. As of the dating of this document, the U.S. Environmental Protection Agency (EPA) is focusing efforts on reducing 31 priority chemicals. The list of chemicals and additional information is available on their website <http://www.epa.gov/osw/hazard/wastemin/priority.htm>. Included in the EPA list of 31 priority chemicals are cadmium, lead, and mercury. Use of these materials should be minimized or eliminated unless needed to meet the requirements specified herein (see Section 3).

7.3 Commercial and Government Entity (CAGE) code. For ordering purposes, inventory control, and submission of these anchor, guy, and rods, anchor to DLA Land and Maritime under the Parts Management Advisory Team (PMAT), CAGE code 58536 should be used d.

A-A-55606A

7.4 Source of documents.

DEPARTMENT OF DEFENSE SPECIFICATION

FED-STD-H28/2 - Screw-Thread Standards for Federal Services Section 2 Unified Inch Screw Threads- UN and UNR Thread Forms

(Copies of these documents are available online at <http://quicksearch.dla.mil> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

FEDERAL REGULATIONS

FAR - Federal Acquisition Regulations (FAR)

(Copies of these documents are available online at www.acquisition.gov/comp/far/index.htm or from the U.S. Government Printing Office, 732 North Capital Street, NW, Washington D.C. 20401.)

ASTM INTERNATIONAL

ASTM A29/A29M - Standard Specification for Steel Bars, Carbon and Alloy, Hot-Wrought, General Requirements
 ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware

(Copies of these documents are available online at <http://www.astm.org> or from the ASTM International, P.O. Box C700, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.)

7.5 Ordering data. The contract or order should specify the following:

- a. CID document number, revision, and CID PIN.
- b. Product conformance provisions.
- c. Packaging requirements.

7.6 Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict acquisition to only the manufacturers shown.)

MFR's CAGE

08TX0

MFR's name and address

FOSS-BROWN INC
 3411 Silverside Rd, suite 100WB
 Wilmington, DE 19810-4890
 Tel: (484) 322-0633
foss-brown@mike-hoffman.com
fbsouth@comcast.net

7.8 Government users. To acquire information on obtaining these anchor, guy, and rods, anchor from the Government inventory system, contact DLA Land and Maritime, ATTN. DLA Land and Maritime Call Center (-NAB), P.O. Box 3990, Columbus, OH 43218-3990 or telephone (614) 692-2271 or (614) 692-3191.

A-A-55606A

7.8 Legacy. This commercial item description is a replacement for MIL-A-3777 for all federal agencies (ZZ-T-831 is canceled as of 30-APR-1993 and copies of these documents are available online at <http://quicksearch.dla.mil> or from the U.S. Government Printing Office, 732 North Capital Street, NW, Washington D.C. 20401.)

7.9 Changes from previous issues. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes

MILITARY INTERESTS

Custodians:

Army - AT

Navy - SH

Air Force - 99

DLA - CC

Review activities:

Army-AR

Navy – SA,YD

Air Force - 71

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

Preparing activity:

DLA - CC

Project 4030-2014-001

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 Online database at <https://assist.dla.mil>.