

[INCH-POUND]  
A-A-2202A  
October 2, 1997  
SUPERSEDING  
A-A-2202  
June 7, 1990

## COMMERCIAL ITEM DESCRIPTION

### STAKES, WOOD

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

#### 1. SCOPE AND CLASSIFICATION

1.1 Scope. This commercial item description (CID) covers location and hub stakes. Location stakes are intended for use in laying out foundations for buildings and other structures, and for trail marking. Hub stakes are intended for use in surveying applications such as land and building foundations.

1.2 Classification. The wood stakes shall be of the following type and length, as specified (see 6.2).

##### Type I - Location marker

Length - Inch (mm)	
14	(356)
16	(406)
18	(457)
48	(1219)

##### Type II - Hub, square cross-section

Length - Inch (mm)	
12	(305)
16	(406)

#### 2. SALIENT CHARACTERISTICS

2.1 Material. Unless otherwise specified (see 6.2), the wood species shall be at the option of the manufacturer and of the type accepted within industry for the manufacture of these products.

2.2 Dressed dimensions. The stakes shall be furnished in the following dressed dimensions.

Type I - Location stakes shall be 3/4 inch (19.0 mm) thick  $\pm$  1/16 inch (1.5 mm) and 1-1/2 inches (50.8 mm)  $\pm$  1/8 inch (3.2 mm) wide.

Type II - Hub stakes shall be 1-1/2 inches (38.1 mm) thick and 1-1/2 inches (38.1 mm) wide  $\pm$  1/8 inch (3.2 mm) in each dimension.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: General Services Administration, Engineering Branch (7FXEE), 819 Taylor St., Fort Worth, TX 76102
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A-A-2202A

2.3 Surfaces. Both types of stakes shall be smooth sawn or planed on not less than two sides.

Type I - Location stakes shall be surfaced on the two wide faces.

Type II - Hub stakes shall be surfaced on two opposite faces.

2.4 Pointed end.

Type I - Location stakes shall be pointed on two sides.

Type II - Hub stakes shall be pointed on four sides or shall have a conical end. The pointed ends of the stakes shall have straight or curved sides.

The length of points measured along the stakes center line shall be 2-7/8 inches (73.0 mm) plus 1 inch (25.4 mm), minus 0. The difference in length between the sides shall be 1/4 inch (6.3 mm) or less. Points shall be within 1/16 inch (1.5 mm) either side of center. Slightly blunt points shall be acceptable.

2.5 Cross grain. Slope of grain shall not exceed 1 inch (25.4 mm) in 4 inches (101.6 mm).

2.6 Workmanship. The wood stakes shall not have pitch pockets or waness on the edges or corners greater than 1/4 inch (6.3 mm) in diameter. Splits shall not exceed the width of the face in which the split is located. Stakes shall be free from decay except decay confined to knots. Pointed ends shall be free from burrs, splinters, and tears. Type I stakes shall be free from loose knots and knots over 3/8 inch (9.5 mm) in diameter on the 3/4 inch (19.0 mm) side of the stake. Type II stakes shall be free from loose knots and knots over 3/4 inch (19.0 mm) on the 1-1/2 inch (38.1 mm) side.

2.7 Measurement system. The values stated in inch-pound units are to be regarded as the standard. The metric values stated in parentheses are for information purposes only.

2.8 Metric products. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch-pound units, providing they fall within the tolerances specified and all other requirements of this document are met. If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch-pound units, a request should be made to the contracting officer to determine if the product is acceptable.

### 3. REGULATORY REQUIREMENTS

3.1 Regulatory requirements. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

A-A-2202A

## 4. QUALITY ASSURANCE 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 market. The government reserves the right to require proof of such conformance.

## 5. PACKAGING

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

## 6. NOTES

6.1 Part Identification Number (PIN). Wood stakes conforming to this commercial item description are identified by a part number configuration consisting of a portion of the CID number, type and length. An example of the part number configuration is shown below. This part numbering system is intended for identification and cross-indexing of the item within the Federal cataloging system. The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor.

AA22021B      Example: (AA22021B) = Type I, Length - 14 inch  
 ||      Length (inches) - A = 12, B = 14, C = 16, D = 18, E = 48  
 |      Type 1 = I, 2 = II  
 —      Commercial item description number.

6.2 Ordering data. Purchasers should select the preferred options permitted herein and include the following information in procurement documents (if applicable).

- a. Title, number and date of this commercial item description.
- b. Type, length, and wood species required.
- c. Preservation, packing, and marking desired.

6.3 National Stock Numbers (NSNs): The following is a list of NSNs assigned which correspond to this CID. The list may not be indicative of all possible NSNs associated with the CID.

NSN	Type	Length (inches)	Part number
5510-00-171-7701	I	14	AA22021B
5510-00-171-7700	I	16	AA22021C
5510-00-171-7734	I	18	AA22021D
5510-01-353-1519	I	48	AA22021E
5510-00-171-7733	II	12	AA22022A
5510-00-171-7732	II	16	AA22022C

MILITARY INTERESTS:

NONE: DoD has determined that no military activity has an official interest in this commercial item description.

CIVIL AGENCY COORDINATING ACTIVITY:  
GSA-FSS

PREPARING ACTIVITY:  
GSA-FSS