

A-A-466  
September 10, 1980

## COMMERCIAL ITEM DESCRIPTION

### BOLT, BARREL

The General Services Administration has authorized the use of this commercial item description in lieu of Federal Specification FF-H-111C.

#### Salient characteristics:

1. Shall consist of a sliding bolt, mounted in a backplate, with a separate plate for use as a receptacle.
2. Shall be of the following types and lengths, as specified:
  - Type I - Lightweight  
 Lengths of bolt: 2-1/2, 3, 4, 5, and 6 inches
  - Type II - Heavyweight  
 Lengths of bolt: 4, 6, and 8 inches
3. Shall be of wrought steel; finish US2C, US4, US1B in accordance with BHMA Product Standard No. 1301 - Section M.
4. Screw size as recommended by manufacturer.
5. Type I and Type II bolts shall withstand 2 impacts of 25 ft-lbf each and Type II bolts shall, in addition, withstand 2 impacts of 44 ft-lbf each when tested in accordance with Section 21 of ANSI/ASTM F476.

Workmanship. Barrel bolt shall be free of sharp edges and be free of defects which may affect appearance and serviceability.

Certification. The contractor shall certify that the product offered meets the salient characteristics of this description and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices and is the same product 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 otherwise be provided for under the provisions of the contract.

Recovered materials. The manufacturer shall utilize recovered materials to the maximum extent practicable.

Packaging, packing, and marking. The packaging and packing shall be in accordance with normal commercial practice and shall assure acceptance by common carrier and provide product protection against loss and damage during multiple shipments, handling, and storage. The shipping container shall be in compliance with the National Motor Freight Classification and Uniform Freight Classification. Marking shall be as specified in the contract or order.

Referenced documents are available as follows:

- ANSI/ASTM F476 - Security of Swinging Door Assemblies, Standard Test Methods for  
 American Society for Testing and Materials  
 1916 Race Street  
 Philadelphia, Pennsylvania 19103
- BHMA Product Standard No. 1301 - Section M - Materials and Finishes  
 Builders Hardware Manufacturer's Association  
 60 East 42nd Street  
 New York, New York 10017