

**ANSI/BHMA A156.16 – 2002**  
**American National Standard for Auxiliary Hardware**

This Standard establishes requirements for Auxiliary Hardware and includes performance tests covering operational, cyclical, strength or finish criteria.

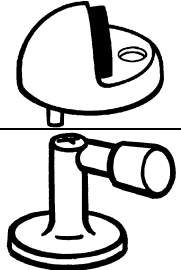
The following tests: Cycle, Impact, Aging, Load are some of the tests used to meet the grade for this Standard. In addition, definitions, general information, illustrations, auxiliary hardware functions, and identifying numbers are also provided.

Sample test values performed under laboratory conditions:

Please note that these are partial descriptions for illustration purposes only. See Standard for detailed requirements, and specific testing for each product category.

Test	Grade 1	Grade 2	Grade 3
Bumper Retention	50 Ibf (222 N)	9 Ibf (40 N)	3 Ibf (13 N)
Load	125 Ibf (556 N)	75 Ibf ( 334 N)	35 Ibf (156 N)
Bolt Cycle	50,000 cycles	25,000 cycles	10,000 cycles
Force Release	171 Ibf 76 (N)	10 Ibf (45 N)	4 Ibf (18 N)

Sample illustration:

Dome Type: For doors with threshold. Otherwise same as L0214 type. L02161            L02162            L02163	
Floor Type: Attachment by surface screws. L02181            L02182            L02183	

The full publication includes identifying numbers, and required test for this product as well as others in this category.

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ANSI/BHMA Standard log on to  
[www.buildershardware.com](http://www.buildershardware.com)  
or call 800.699.9277.

Note: This document is not to be used as a substitute for the standard. Users should refer to the entire standard for complete requirements and details. For further information go to [www.buildershardware.com](http://www.buildershardware.com).