

Hardware Highlights



ANSI/BHMA A156.9-2010 American National Standard for Cabinet Hardware

Standard ANSI/BHMA A156.8-2010 establishes requirements for bored and preassembled locks and latches, and includes cycle tests, strength tests, operational tests, material evaluation tests, finish tests, and dimensional criteria. For further information, consult the full standard, ANSI/BHMA A156.9 for Cabinet Hardware.

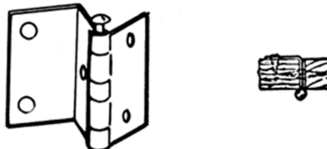
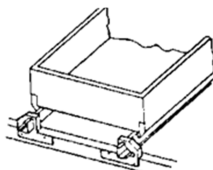
BHMA has created this series of *Hardware Highlights* to provide useful, accessible information about builders hardware for anyone with an interest in devices that hang, control, secure, and trim the doors. BHMA is the trade association which represents almost all of the North American manufacturers of builders hardware. One of its main activities since 1983 has been the development and maintenance of ANSI-approved standards for 35 separate product categories.

Product Performance: Purchasers of cabinet hardware certified to A156.9 (<http://buildershardware.com/cpd>) can be assured products will perform to their expectations.

Below are an explanation and some examples of the evaluations conducted for certification:

TYPES	DURABILITY	STRENGTH	APPEARANCE
This standard contains requirements for nearly one hundred types of cabinet hardware, including: hinges, knobs, pulls, catches, shelf rests, standards and brackets, rotating shelves, and track with guides for sliding panels.	Building products are expected to last a long time, and builders hardware is no exception. Cycle tests are indicated depending on the type of cabinet hardware. To assure the design is capable of repeated operation without degradation. For example, 100,000 cycles are required for a Grade 1 hinge.	The standard applies a variety of strength tests such as static loads, torques, and impacts depending on the function and type of cabinet hardware. For example, pulls shall support a 75 lbf test load without chipping, or disassembly, or breakage of the part or screws.	An additional duty of builders hardware is to be aesthetically attractive and stay that way. Resistance to corrosion by salt spray testing is verified, providing confidence in the long-term appearance of the architectural metals and coatings.

Sustainability Cabinet hardware contributes to building sustainability through its verified durability, as well as material characteristics such as recycled content and recyclability. The reliable closing and sealing of openings can also contribute to energy conservation. BHMA has developed Product Category Rules, which will further define sustainability requirements and guide life cycle assessments and environmental performance declarations.

<p>Function and Identifying Numbers: Another significant contribution of standards for product specification is a numbering system for lock function. Please consult A156.9 for the full list; an example is provided here:</p> <p>Semi-concealed Hinges: For flush doors. Loose or fast pin. Loose pin is reversible. B01201 B01202 B01203</p>	
<p>Bottom Edge Mounted Drawer Slides: Mounts on both sides of cabinet under drawer. B05011 B05012 B05013</p>	

To purchase a copy of any BHMA Standard, go to www.buildershardware.com or call 800-699-9277.
This document is not a substitute for the full standard. Refer to the entire standard for full information.