

ANSI/BHMA A156.8-2005

American National Standard for Door Controls - Overhead Stops and Holders

This Standard establishes requirements for Overhead Door Stops and Holders, and includes performance tests covering operational, cyclical, strength and finish criteria.

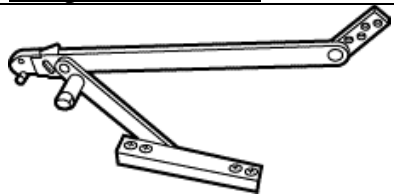
The following tests: Cycle, Force, and Finish tests (Salt Spray and Humidity tests) are used to meet the grade for this Standard. Additionally, definitions, illustrations, performance requirements, general information in reference to typical overhead stops, and holders as well as the explanation of the numbering system are included.

Sample test values performed under laboratory conditions:

Please note that the following are partial descriptions used for illustration purposes only. See full Standard for all tests, and requirements.

Tests	Grade 1	Grade 2	Grade 3
Cycle	250,000	100,000	50,000
Force	300 Ibf (1334 N)	200 Ibf (890 N)	100 Ibf (445 N)
Salt Spray	48 hours	24 hours	12 hours

Sample illustration:



Type 3 Overhead Surface Mounted Jointed Arm Holder: For single acting entrance, vestibule and interior doors opening to 110 degrees. Stop and shock absorber effective at all times. Hold open and release by push and pull on door. Control is capable of being set in inactive position. Performance tests required: 2.2.2, 2.3.1 and 3.
C03511 C03512

Type 3 Overhead Surface Mounted Jointed Arm Stop: Same as C03511 and C03512 except without hold open function. Performance tests required: 2.2.5, 2.3.1 and 3.
C03541 C03542

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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.