



Designation: A 835/A 835M – 84 (Reapproved 2005)

Standard Specification for Sizes of Ferroalloys and Alloy Additives¹

This standard is issued under the fixed designation A 835/A 835M; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers standard nominal sizes and size tolerances of screened ferroalloy and alloy additive products. This specification provides a range of sizes as referenced in all ASTM specifications for ferroalloys and alloy additives.

1.2 The sizes and tolerances allow for varying degrees of friability upon receipt of material since some attrition may be expected in transit, storage, and handling.

1.3 Specifications of sieve sizes used to define tolerances are listed in Specification E 11. Representative procedures for evaluation of each lot are described in Methods A 610. Refer to Appendix X1 for applicable sieve designations (see Table X1.1).

2. Referenced Documents

2.1 *ASTM Standards:*²

A 610 Test Methods for Sampling and Testing Ferroalloys for Determination of Size

E 11 Specification for Wire Cloth and Sieves for Testing Purposes

3. Dimensional Requirements

3.1 Screened products shall conform to the sizes given in Table 1.

3.1.1 The sizes listed in Table 1 are typical as shipped from the manufacturer's plant. Ferroalloys exhibit varying degrees of friability; therefore, some attrition may be expected in transit, storage, and handling. A quantitative test is not available for rating relative friability of ferroalloys. A code system has been developed, therefore, for this purpose, and a number rating each product type is given.

NOTE 1—For further description of friability ratings for ferroalloys, refer to Appendix X2.

[ASTM A835/A835M-84\(2005\)](https://standards.iteh.ai/catalog/standards/sist/0c1c7cdb-2de1-4700-8ed7-9f61d83b7644/astm-a835-a835m-842005)

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¹ This specification is under the jurisdiction of ASTM Committee A01 on Steel, Stainless Steel, and Related Alloys and is the direct responsibility of Subcommittee A01.18 on Castings.

Current edition approved Sept. 1, 2005. Published January 2006. Originally approved in 1984. Last previous edition approved in 2000 as A 835 - 84(2000).

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.