



Designation: A701 – 05

Standard Specification for Ferromanganese-Silicon¹

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1. Scope*

1.1 This specification covers a manganese-silicon alloy.

2. Referenced Documents

2.1 *ASTM Standards*:²

[A1025 Specification for Ferroalloys and Other Alloying Materials, General Requirements](#)

3. General Conditions for Delivery

3.1 Materials furnished to this specification shall conform to the requirements of Specification [A1025](#), including any supplementary requirements that are indicated in the purchase order. Failure to comply with the general requirements of Specification [A1025](#) constitutes nonconformance with this specification. In case of conflict between the requirements of this specification and Specification [A1025](#), this specification shall prevail.

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.

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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.

4. Chemical Requirements

4.1 The alloy shall conform to the chemical requirements as specified in [Table 1](#) and [Table 2](#).

4.2 The manufacturer shall furnish an analysis of each shipment showing the percentage of each element specified.

5. Size

5.1 The alloy is available in the sizes shown in [Table 3](#).

5.2 The sizes listed in [Table 3](#) are typical of the product as shipped from the seller's plant. Some deterioration of size can be expected in transit.

6. Chemical Analysis

6.1 Chemical methods are subject to agreement between the purchaser and supplier.

6.2 *Special Analysis Requirements*—Analysis for additional elements other than those listed in [Tables 1 and 2](#) shall be agreed upon between the purchaser and the manufacturer. Such elements in trace quantities shall be reported as less than “<” the limit of analytical equipment. This shall be agreed upon between the purchaser and the manufacturer.

7. Keywords

7.1 Ferromanganese-silicon

*A Summary of Changes section appears at the end of this standard.