



Designation: A324 – 08

Standard Specification for Ferrotitanium¹

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1. Scope*

1.1 This specification covers four grades of ferrotitanium, designated A, B, C, and D.

2. Referenced Documents

2.1 *ASTM Standards*:²

[A1025 Specification for Ferrous Alloys 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.

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.

In case of conflict between the requirements of this specification and Specification [A1025](#), this specification shall prevail.

4. Chemical Requirements

4.1 The chemical requirements are shown in [Tables 1 and 2](#).

5. Size

5.1 The various grades are available in sizes as listed in [Table 3](#).

5.2 The sizes listed in [Table 3](#) are typical as shipped from the manufacturer's plant. These alloys 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 ferrous alloys. A code system has been developed, for this purpose, and a number rating each product type is shown in the last column of [Table 4](#). Definitions applicable to these code numbers are given in Specification [A1025](#).

6. Chemical Analysis

6.1 The chemical analysis of the material shall be in accordance with a procedure agreed upon between the manufacturer and the purchaser.

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