Our manufacture processes:
Sand Casting, Resin Sand Casting
Investment Casting, Lost Wax Casting or Precision Casting
Lost foam casting
Die casting.
CNC Machining.

The material included: cast gray iron, ductile iron, carbon steel, stainless steel, malleable iron, brass alloy and aluminum alloy.

We serve and supply parts, components and products to wide varieties of industries as follow:
1. Valve fittings (valve body, wheel, disc, bonnet and others)
2. Pump Parts (Body, impeller and others)
3. Fastener (Bolt, nut, stud and gasket)
4. Automobile/ Motorcycle (drum, ...)
5. Pipe Fittings (malleable iron fittings, threaded stainless steel fittings, ductile iron fittings and others)
6. Steel anchor products.
7. Food Processing.
8. Computer & communication Hardware.
If you want to know the details, pls contact with us by email.

All the standard, such as ASTM, BS, ISO, DIN and other international standards, are from internet, only for study and investigation usage, don’t use to business field.

Thanks for your visiting!

Casting Quality Industrial.
Standard Specification for Castings, Austenitic-Ferritic (Duplex) Stainless Steel, for Pressure-Containing Parts

1. Scope

1.1 This specification covers austenitic-ferritic (duplex) stainless steel castings for valves, flanges, fittings, and other pressure-containing parts.

1.2 The duplex stainless steels offer a combination of enhanced mechanical properties and corrosion resistance when properly balanced in composition and properly heat treated. Ferrite levels are not specified, but these grades will develop a range of approximately 30 to 60 % ferrite with the balance austenite. It is the responsibility of the purchaser to determine which grade shall be furnished depending on design and service conditions, mechanical properties, and corrosion-resistant characteristics.

NOTE 1—Because of the possibility of precipitation of embrittling phases, the grades included in this specification are not recommended for service at temperatures above 600°F [315°C].

1.3 The values stated in either inch-pound units or SI units are to be regarded separately as standard. Within the text, the SI units are shown in brackets. The values stated in each system are not exact equivalents; therefore, each system must be used independently of the other. Combining values from the two systems may result in nonconformance with the specification.

2. Referenced Documents

2.1 ASTM Standards:
A 488/A 488M Practice for Steel Castings, Welding, Qualification of Procedures and Personnel
A 703/A 703M Specification for Steel Castings, General Requirements, for Pressure-Containing Parts
E 125 Reference Photographs for Magnetic Particle Indications on Ferrous Castings
E 165 Test Method for Liquid Penetrant Examination

2.2 Other Standards:
ASME Pressure Vessel Code, Section III, Subsection N

3. Terminology

3.1 Definitions of Terms Specific to This Standard:
3.1.1 duplex stainless steel—an iron-chromium-nickel-molybdenum alloy which when properly heat treated consists of approximately 30 to 60 % ferrite with the balance austenite.

4. General Conditions for Delivery

4.1 Material furnished to this specification shall conform to the applicable requirements of Specification A 703/A 703M, including the supplementary requirements that are indicated on the purchaser order. Failure to comply with the general requirements of Specification A 703/A 703M constitutes nonconformance with this specification. In case of conflict between the requirements of the specification and Specification A 703/A 703M, this specification shall prevail.

5. Ordering Information

5.1 It is the responsibility of the purchaser to specify all requirements that are necessary for material ordered under this specification.