

to 1.50, titanium not over 0.010, nitrogen not over 0.010, niobium not over 0.005, zirconium not over 0.005, copper not over 0.20 and aluminum 1.60 to 1.80, hydrogen not over 3 parts per million; cleanliness according to ASTM E45/97, Method A plate 1-r: Slag type A: T-, H-; Slag type B: T less than 1.5, H less than 1.0; Slag type C: T less than 1.0, H less than 1.0; Slag type D: T less than 1.5, H less than 1.0;

- (ccxcvii) modified chemistry AISI 400 stainless sulfurized plastic mold steel, designated as A-626; the foregoing if round sections with diameter 12 mm to 27.9 mm; if flat sections with thickness 12 mm to 42.9 mm and width 300 mm to 1016 mm; having the following chemical composition (percent by weight): carbon 0.31 to 0.36, silicon 0.20 to 0.50, manganese 1.20 to 1.50, phosphorus not over 0.035, sulfur 0.08 to 0.15, chromium 15.2 to 17.0, nickel 0.40 to 0.70, molybdenum not over 0.60, vanadium not over 0.40, nitrogen not over 0.14, copper not over 0.30 and aluminum not over 0.030; hydrogen not over 7.0 parts per million; cleanliness according to ASTM E45/87, Method A plate 1.: Slag type A: T-, H-; Slag type B: T 2.0, H 2.0; Slag type C: T 1.0, H 1.0; Slag type D: T 2.0, H less than 1.0; hardened and tempered hardness of 260 to 400 Brinell;
- (ccxcviii) forged, pre-hardened, martensitic stainless steel bars, designated as A-669; the foregoing in modified AISI 420; having the following chemical composition (percent by weight): carbon 0.28 to 0.38, silicon not over 1.0, manganese 1.00 to 1.40, sulfur 0.05 to 0.10 and chromium 15.0 to 17.0; hardness in as supplied condition of 280 to 355 HB (Brinell Hardness) (29 to 38 HRC); thickness 133 mm to 229 mm and width 280 mm to 1,100 mm; in a black cold-finished condition;
- (ccxcix) stainless steel bars, designated as A-805; the foregoing 20 to 30 percent air by volume, permeated with interconnecting pores of three (3) to twenty (20) micrometers diameter to allow passage of gas through the steel; produced from a mixture of ferritic stainless steel long fibers having a width of 100 micrometer or less, and ferritic stainless steel powder, all of which are compressed in a cold isostatic press, sintered in a vacuum atmosphere, and then held in nitrogen gas or ammonia gas at a temperature of 900 to 1050°C to impart porous quality over the entire surface; hardness HRC 35 to 40, tensile strength 441 MPa to 490 MPa; heat transfer coefficient (at room temperature) of 2.0993 to 2.3994 kilocalories m<sup>-2</sup> h<sup>-1</sup> °C<sup>-1</sup>; linear expansion (at 20 to 150°C) of 12 x 10<sup>-6</sup> to 12.5 x 10<sup>-6</sup> °C<sup>-1</sup>; having the following chemical composition (percent by weight): carbon 0.001 to 0.100, silicon 0.25 to 1.75, manganese 0.05 to 0.50, phosphorus 0.005 to 0.075, sulfur 0.001 to 0.100, nickel 0.050 to 0.500, chromium 10.00 to 20.00 and molybdenum 0.50 to 3.00;
- (cd) stainless steel bars further worked than cold finished and formed, designated as A-806; the foregoing with diameter 41 mm to 106 mm; having the following chemical composition (percent of weight): carbon 0.28 to 0.34, manganese 0.30 to 0.60, silicon 0.30 to 0.80, phosphorus not over 0.020, sulfur not over 0.010, chromium 14.5 to 16.0, molybdenum 0.95 to 1.10, nitrogen 0.35 to 0.44 and nickel not over 0.30; or
- (cdi) stainless steel non-magnetic wire, designated as A-793; the foregoing having the following chemical composition (percent by weight): carbon 0.07 to 0.12, silicon not over 1.00, manganese 9.00 to 10.00, phosphorus not over 0.030, sulfur not over 0.030, chromium 17.5 to 19.0, nitrogen 0.20 to 0.35 and nickel 5.0 to 6.0; diameter 0.500 mm to 3.493 mm, a diameter tolerance of +/- 0.020 mm after annealing, an out-of-round tolerance of 0.020 mm after annealing; tensile strength 750 N/mm<sup>2</sup> to 2,200 N/mm<sup>2</sup>, and magnetic permeability of 1.010 maximum; maximum surface crack depth 0.03 mm;
- (cdii) quick coupler ball-and-socket fittings of steel, designated as A-698; the foregoing in the following shapes: balls; sockets; lever closure rings; socket end caps; end balls; elbows; step bows; tees; reducers; enlargers; strainers; flanged connections with a ball; flanged connections with a socket; balls with nominal pipe threads on one end; sockets with nominal pipe threads on one end, hose connections and components thereof; all the foregoing whether galvanized or not, of which each fitting is capable of being attached to another by means of a ball-and-socket connection and secured by a lever closure; with the internal diameter of the end of each fitting 40 mm or more but not over 350 mm;
- (cdiii) round electric welded steel tubing, designated as A-605; the foregoing with outside diameter greater than 20 mm but less than 50 mm; wall thickness greater than 2.0 mm but less than 7.00 mm; having the following chemical composition (percent by weight): carbon 0.14 to 0.18, silicon 0.05 to 0.30, manganese 0.60 to 1.20, phosphorus 0.020 maximum, sulfur 0.006 maximum and niobium 0.005 to 0.040; tensile strength 590 to 740 N/mm<sup>2</sup>, yield strength 520 to 665 N/mm<sup>2</sup>, minimum elongation 15 percent;
- (cdiv) steel brazed double wound or electric resistance welded steel tubing, designated as A-605; the foregoing with outside diameter greater than 4.0 mm but less than 20 mm; wall thickness greater than 0.4 mm but less than 2.1 mm; having the following chemical composition (percent by weight): carbon 0.12 maximum, silicon 0.35 maximum, manganese 0.60 maximum, phosphorus 0.040 maximum and sulfur 0.040 maximum; mechanical properties: tensile strength 290 N/mm<sup>2</sup>