

(percent by weight): carbon not over 0.1, manganese not over 2.0, phosphorus not over 0.025, sulfur not over 0.01, silicon not over 0.4, aluminum 0.02 to 0.06, titanium not over 0.15, molybdenum not over 0.5, niobium (columbium) not over 0.09 and vanadium not over 0.2;

- (ccliv) hot-rolled flat-rolled products, designated as A-668, the foregoing in coils, high strength, minimum yield strength of 550 MPa. in compliance with ASTM SAE J1392 Grade 080 XLF; having the following chemical composition (percent by weight): carbon 0.10 maximum, manganese 1.7 maximum, silicon 0.250 maximum, niobium (columbium) 0.080 maximum, vanadium 0.10 maximum and titanium 0.005 maximum; thickness 15.5 mm or more, width 1820 mm or more;
- (cclv) hot-rolled or hot-rolled pickled and oiled, high strength, flat-rolled steel coils, designated as A-682; having the following chemical composition (percent by weight): carbon 0.025 to 0.065, manganese 0.195 to 0.305, phosphorus 0.020 maximum, sulfur 0.015 maximum, silicon 0.030 maximum, aluminum 0.015 to 0.055, nitrogen 0.0050 maximum, copper 0.040 maximum, tin 0.010 maximum, chromium 0.040 maximum, nickel 0.040 maximum, molybdenum 0.010 maximum, niobium (columbium) 0.006 to 0.012, vanadium 0.005 maximum, boron 0.0005 maximum and titanium 0.005 maximum; minimum yield strength 248 MPa, minimum tensile strength of 345 MPa, minimum elongation of 30 percent; in the following dimensions: hot-rolled or hot-rolled pickled and oiled: 2.31 mm to 2.72 mm x 1930 mm or more; or 3.0 mm to 3.40 mm x 1930 mm or more;
- (ccclvi) hot-rolled flat-rolled steel products, designated as A-705; the foregoing in coils, thickness 5.0 mm +/- 0.2 mm, width 6.2 mm +/- 0.2 mm; chemical composition (percent by weight): carbon 0.11 to 0.17, silicon 0.10 maximum, manganese 0.30 to 0.60, phosphorus 0.025 maximum, sulfur 0.025 maximum, molybdenum 0.20 to 0.50, vanadium 0.04 to 0.11 and aluminum 0.02 to 0.08; minimum yield strength of 400 N/mm²; tensile strength 490 N/mm² to 610 N/mm²; minimum elongation of 22 percent,
- (ccclvii) hot-rolled hardened and annealed saw steel in sheet form, designated as A-711, the foregoing in thickness not over 15 mm; width not over 1610 mm; through-hardened to 38 to 52 HRC with a tolerance of +/- 2 HRC; thickness tolerances: up to 6 mm thickness: + 0.30 / - 0.0 mm, above 6 mm up to 8 mm thickness: + 0.34 / - 0.0 mm, above 8 mm thickness: + 0.38 / - 0.0 mm; surface descaled; smooth edges; cross bow (per mm of width) not greater than 0.001 mm; meeting one of the following chemical compositions (percent by weight):
 - (i) carbon 0.70 to 0.80, silicon 0.25 to 0.50, manganese 0.60 to 0.80, phosphorus not over 0.035, sulfur not over 0.035 and chromium 0.30 to 0.45;
 - (ii) carbon 0.75 to 0.85, silicon 0.25 to 0.45, manganese 0.30 to 0.85, phosphorus not over 0.035, sulfur not over 0.035, chromium 0.40 to 0.70 and vanadium 0.15 to 0.25; or
 - (iii) carbon 0.60 to 0.80, silicon 0.10 to 0.30, manganese 0.35 to 0.60, phosphorus not over 0.035, sulfur not over 0.035, chromium 0.20 to 0.50, molybdenum not over 0.10 and nickel 0.50 to 1.00;
- (ccclviii) hot-rolled flat-rolled steel, designated as A-754, in coils, having the following chemical composition (percent by weight): carbon 0.10 to 0.14, manganese not over 0.90, phosphorus not over 0.025, sulfur not over 0.003, silicon 0.30 to 0.50, chromium content 0.50 to 0.70, copper 0.20 to 0.40 and nickel not over 0.20; thickness 1.6 to 5.03 mm, width up to 1,550 mm; minimum yield strength 344 N/mm², tensile strength 482 to 607 N/mm², thickness tolerance according to half of ASTM 568 specification; minimum elongation 22 percent; hardness 79 to 89 HRB; pickled and oiled; surface condition free of injurious defects such as holes, breaks, scabs, scale and embosses;
- (ccclix) hot-rolled flat-rolled steel, designated A-791; the foregoing being ferritic mono-phase alloyed high-tensile steel; thickness at least 1.2 mm; having the following chemical composition (percent by weight): carbon 0.10 maximum, silicon 0.40 maximum, manganese 2.0 maximum, phosphorus 0.025 maximum, aluminum 0.060 maximum, niobium 0.09 maximum, titanium 0.20 maximum, vanadium 0.20 maximum, molybdenum 0.50 maximum and sulfur 0.010 maximum; in either of the following conditions:
 - (i) minimum tensile strength 780 MPa, minimum elongation 13 percent, and minimum stretch flange ratio of 70 percent; or
 - (ii) minimum tensile strength 980 MPa, minimum elongation 10 percent, and minimum stretch flange ratio of 40 percent;
- (ccclx) hot-rolled flat-rolled steel, designated as A-809, the foregoing in coils; width less than 600 mm; thickness 2.00 mm to 4.00 mm or 10 mm to 13 mm; inclusions determined in accordance of ASTM E45, Method A or DIN 50602