

Abstract:

- Engine gaskets for automobiles are fabricated from an as-quenched stainless steel having a martensitic-ferritic duplex-phase structure in which martensite comprises from 40% to 80%.
- 5 The steel has a composition comprising on a weight basis: C + N: 0.1% - 0.3%, Si: not greater than 0.5%, Mn: not greater than 0.7%, Cr: 10% - 17%, and Ni: 0 - 0.6%, and a Vickers hardness of from 300 to 500. The steel can be produced by quenching the steel after heating at 850 - 1000°C.

This Sheet Has Been Replaced

