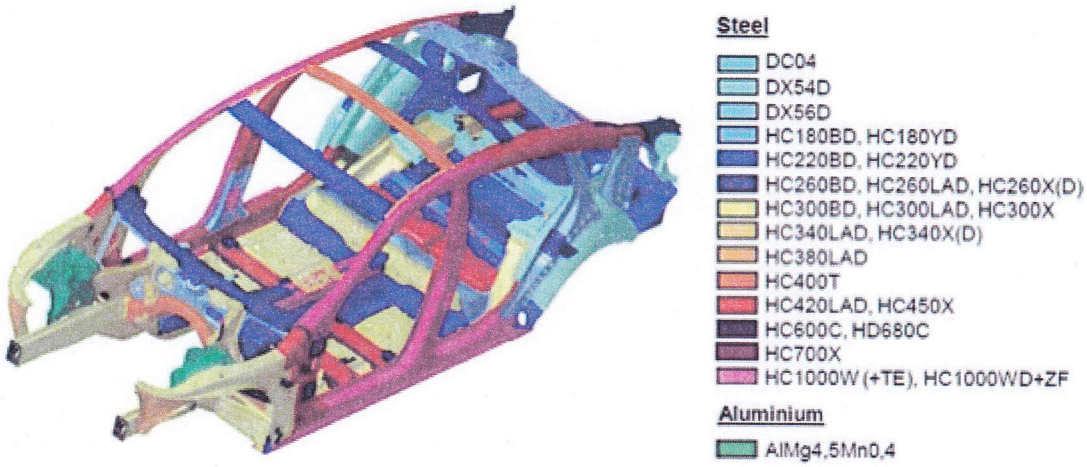
BMW Grand Tourismo uses 48% HSS



The 2009 BMW5 Grand Tourismo, a crossover sedan with a hatchback, used 48 percent High Strength Steels to achieve reduced mass as well as the rigidity needed for BMW's signature ride and handling performance. According to the literature and a presentation given at North American conference Great Designs in Steel, BMW credits steel with a 55 percent increase in mean body strength and stiffness compared to the previous model. Body structure mass reduction came through the use of boron and multi-phase steels, as well as some aluminium.

2010 Mercedes E-Class 72% HSS

The 2010 Mercedes E-Class claims industry leadership in the utilization of 72 percent High-Strength Steel in its body structure, compared to just 38 percent in the previous model. Seventy-five percent of these steels have yield strengths greater than 180 MPa, helping to achieve a structure that is lighter weight and 30 percent more rigid, while meeting all new crash and safety standards.