

VEHICLE MAKER STEEL NAMES AND MPA RANGE

	Audi	Mazda
HSS	Modern High-Strength Steel: 300–600 MPa	High-Tensile Steel: up to 590 MPa
UHSS	Ultra-High-Strength Steel: 700–1,200 MPa	Ultra-High-Tensile Steel: over 590 MPa
	BMW	Mercedes-Benz
HSS	High-Strength	High-Strength Steel: 300–550 MPa
UHSS	Super-High-Strength Steel	Modern High-Strength Steel: 550–1,000 MPa Ultra-High-Strength Steel: 1,000–1,500 MPa
	Chrysler	Mini
HSS	High-Strength: 270–600 MPa	High-Strength Steel
UHSS	Very High-Strength: 600 MPa and above	Super-High-Strength Steel
	Ford	Mitsubishi
HSS	Calls out exact type and MPa	High-Tensile Steel
UHSS	Calls out exact type and MPa	High-Tensile Steel
	GM	Nissan/Infiniti
HSS	Calls out exact type and MPa	High-Strength Steel: 370–590 MPa
UHSS	Calls out exact type and MPa	High-Strength Steel: 780–1,350 MPa
	Honda	Porsche
HSS	High-Tension Steel Sheet: 340–590 MPa	High-Strength Steel
UHSS	New High-Tension Steel Sheet: 590 MPa and above	Very High-Strength Steel
	Hyundia	Subaru
HSS	N/A	High-Strength Steel: 590 MPa or less
UHSS	N/A	High-Strength Steel: 980 MPa or more
	Isuzu	Toyota/Lexus/Scion
HSS	N/A	High-Strength Steel
UHSS	N/A	Ultra-High-Strength Steel: 980 MPa or more
	Jaguar/LandRover	Volvo
HSS	High-Strength Steel (HSS): up to 280 MPa Very High-Strength Steel (VHSS): up to 380 MPa	High-Strength Steel
UHSS	Extra High-Strength Steel (EHSS): up to 800 MPa Ultra-High-Strength Steel (UHSS) more than 800 MPa	Ultra-High-Strength Steel
	Kia	VW
HSS	N/A	Strengthened Steel
UHSS	N/A	Highest-Strength Steel

If the exact MPa range is not called out, as a best practices 600 MPa and lower is HSS and 600 MPa and higher is UHSS.