

MATERIAL	YEILD STRENGTH (PSI)	TENSILE STRENGTH (PSI)	BRINELL	ATTRIBUTES
A36	36,000	58,000 TO 80,000	118-167	Can be flame cut, formed, drilled, welded and machined by all normal means.
44W	44,000	58,000 TO 80,000	134-178	Can be flame cut, formed, drilled, welded and machined by all normal means.
COR-TEN	50,000	58,000 TO 80,000	141	Can be flame cut, formed, drilled, welded and machined by all normal means. Atmospheric corrosion resistant.
DOMEX 100	100,000	115,000	250	High strength and good bendability, trouble free welding
AR200		100,000	185 - 235	Intended for moderate wear applications & is not intended for structural applications.
AR400	145,000	181,000 TO 211,000	370-430	Heat Treated; Wear resistant, high toughness, good bendability and weldability.
HARDOX & AR450	175,000	208,000 TO 233,000	425-475	Heat Treated; Bendable and weldable abrasion resistant plate which is used in applications that demand higher wear resistance.

Yield Strength: The amount of stress a piece of steel must undergo in order to permanently and measurably deform.

Tensile Strength: The amount of tensile (stretching) stress a material can withstand before breaking or failing.

Brinell Hardness: A scale to determine harness. The higher the number the harder the material.