

The 35CrMo steel plate/sheet used for the production of various kinds of plastic molds, such as High mirror surface mold, Mold base and etc; **Alloy structural 35CrMo steel plate**: widely used for the production of various types of structural parts and components, such as super-heater headers for power plant boilers, large-diameter tube sheets; Structural steel plate: widely used in industrial and civil buildings, such as pillars and load-bearing beam,

The 35CrMo steel plate suitable for high-rise buildings and large-span constructions; **Bridge-consuming steel plate**: widely used for rivets, bolt in the production of welded structure of road and railway bridges including cross-ocean bridges; **Corrosion-resistant steel plate**: widely used in structures significantly improving corrosion resistance, extending the service life of structures as well as used in the production of a variety of structural components working in certain tough environments, such as atmosphere of corrosive gas and liquids.

35CrMoC

Comparison of steel grades

AISI	4135
JIS	SCM 435
DIN	<u>34CrMo4</u>

35CrMo steel plate Chemical Composition [%]

Grade	C	Si	Mn	Cr	Mo	V
35CrMo	0.32- 0.40	0.17- 0.37	0.40- 0.70	0.80- 1.10	0.15- 0.25	-

35CrMo steel sheet Mechanical Properties

Grade	6b N/mm ²	6 s N/mm ²	Δδ %	ψ %	AK J
35CrMo	980	835	12	45	63

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