

1.2311 Plastic Mold Steel Plate

1.2311 tool steel is a mould material for plastic injection; it belongs to the high quality medium carbon, Pre-hardness(28~34HRc), Cold work plastic mould steel. It does not need further heat treatment, so you don't have any worry about distortion or cracking. 2311 steel is most widely used to plastic mold material in injection plastic mould.

Related Specifications DIN 17350-1980 AISI A681 YB/7 094

- **Chemical Composition**

(wt%)

C	Si	Mn	P	S	Cr	Mo
0.35~0.45	0.20~0.40	1.30~1.60	≤0.035	≤0.035	1.80~2.10	0.15~0.25

- **1.2311 Steel Equivalent Steel Grade**

1. AISI ASTM P20 in USA Steel material standard
2. GB 3Cr2Mo in Chinese Steel material standard

- **Application**

Main be applied to in zinc, aluminum, magnesium and its alloy die-casting mould ; Hot-pressing mold, all kinds of hot forging die; Metal extrusion die, die set.