



HS 718

LARGE CROSS-SECTION PRE-HARDENED PLASTIC DIE STEEL

Introduction

As modified pre-hardened mirror-surface plastic die steel, HS 718 has good hardenability, hardness uniformity($\pm 1.5\text{HRC}$) and mirror polishing property. It is a new generation of large-section pre-hardened mirror plastic mold steel.

Chemical properties

Steel Grade	C	Si	Mn	P	S	Cr	Mo	Nb
HS 718	0.25~0.35	0.10~0.30	1.50~2.00	≤ 0.015	≤ 0.005	1.30~1.70	0.30~0.40	0.02~0.04

Application

- Home appliances (TV box cover, Air conditioning shell, etc.) large-section-size plastic mold (Thickness up to 1000 mm).
- Car inner decoration die, such as dashboard die, sound box die, etc.

Features

- A wide range of pre hardened hardness and good hardness uniformity. Its hardness ranges in 34~40HRC, which can be adjusted according to client requirements, and the section hardness fluctuates within ± 1.5 HRC.

- Polishing Property

It can meet the roughness requirements of polished surface for the plastic mold.

- Good machining performance
- Good welding performance
- Pattern etching performance

