



Grade	Code	AISI	Cold Work Tool Steel
1.2311 + QT	40CrMnMo7	P20	

Steel Properties

1.2311 + QT is a pre-hardened plastic mould steel which has good machinability, suitable for texturing, highly through hardenable.

Chemical Composition (1.2311 + QT)

C %	Si %	Mn %	Cr %	Mo %	Ni %	V %	W %	Co %	Sonst.
0,40	0,30	1,45	1,95	0,20	-	-	-	-	-

Suitable for:

1.2311 + QT is used on plastic moulds, mould frames for plastic moulds and pressure casting moulds and recipient sleeves.

Remarks:

Better polishable than 1.2312. Preheating before use: 200 - 300 °C – is recommended. For material with a thickness > 400 mm we recommend 1.2738 (better through hardenability)

Specification

1.2311 + QT, 40CrMnMo7, P20