



Grade	Code	AISI	Cold Work Tool Steel
1.2312 + QT	40CrMnMoS8-6	P20+S	

Steel Properties

1.2312 + QT is a pre-hardened plastic mould steel and has excellent machinability, suitable for texturing, highly through hardenable.

Chemical Composition (1.2312 + QT)

C %	Si %	Mn %	Cr %	Mo %	Ni %	V %	W %	Co %	Sonst.
0,40	0,4	1,50	1,90	0,20	-	-	-	-	S ~ 0,08

Suitable for:

1.2312 + QT is used on pastic 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 trough hardenability).

Specification

1.2312, 40CrMnMoS8-6, P20+S