



Grade	Code	AISI	Cold Work Tool Steel
1.2083 ESR	X40Cr14		

Steel Properties

1.2083 ESR, tool steel with high dissolved Cr – content in the matrix, through hardenable, high wear resistance, corrosion-resistant, good polishability.

Chemical Composition (1.2083 ESR)

C %	Si %	Mn %	Cr %	Mo %	Ni %	V %	W %	Co %	Sonst.
0,40	< 1,00	< 1,00	13,5	-	-	-	-	-	-

Suitable for:

1.2083 ESR is used on moulds, tooling and inserts for processing plastics with corrosive reactions, moulds and pressure tools.

Remarks:

Instead of using 1.2080, for highest requirements concerning polishability we recommend the use of 1.2083 ESR.

Specification

1.2083 ESR, X40Cr14