



Grade	Code	AISI	Cold Work Tool Steel
1.2767 ESR	45NiCrMo16		

Steel Properties

1.2767 ESR is a Ni-alloyed tool steel with highest toughness, excellent polishability, excellent capability for texturing operations and erodible.

Chemical Composition (1.2767 ESR)

C %	Si %	Mn %	Cr %	Mo %	Ni %	V %	W %	Co %	Sonst.
0,45	0,25	0,40	1,40	0,25	4,00	-	-	-	-

Suitable for

1.2767 ESR is used on plastic molds, highly stressed coining tools with maximum toughness, tools for heavy cold forming, highly stressed-blanking dies, dies for jewelry, cutting-, blanking- and punching tools, shear blades for the thickest cutting material, hobbing tools.

Remarks

1.2767 ESR is enhanced cleanness and homogeneity in comparison to conventional melted 1.2767.

Specification

1.2767 ESR, 45NiCrMo16