



Grade	Code	AISI	Hot Work Tool Steel
1.2367 ESR	X38CrMoV5-3	-	

### Steel Properties

1.2367 ESR is a Chromium-Molybdenum-Vanadium-alloyed hot working tool steel with excellent toughness, hot wear resistance and heat resistance. 1.2367 ESR has excellent temperature strength and thermal shock resistance, good hardenability, minimal warpage. Insusceptibility to hot cracking.

### Chemical Composition (1.2367 ESR)

C %	Si %	Mn %	Cr %	Mo %	Ni %	V %	W %	Co %	Sonst.
0,38	0,40	0,40	5,00	3,00	-	0,50	-	-	-

### Suitable for

1.2367 ESR is used on forging dies, die casting dies, die holders, extrusion dies for heavy metals, inner liner for light metals, profiling dies, and mandrels.

### Remarks

Enhanced cleanness and homogeneity in comparison to conventional melted 1.2367. Preheating before use: 250 - 300 °C – is recommended.

### Specification

1.2367 ESR, X38CrMoV5-3