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Toolox 33

Description:

Steel with properties of a steel after electroslag remelting ESR, with high stability of dimensions during machining, with high impact resistance, high polishability and machinability by about 25% better than 1.2312 grade. Delivered as toughened to about 33 HRC

Application:

Moulds to make plastic products, moulds for rubber parts, machine components such as gear wheels, work-rest blades

Chemical composition [%]

С	Mn	Si	Р	S	Cr	Ni	Мо	W	V	Al	Cu
0,25	0,80	1,10	-	-	1,20	-	0,40	-	-	-	-

Equivalents

PN	W. nr	EN	AISI	Russia (GOST)	Other	
-	-	-	-	-	-	

Processes

welding YES nitriding YES

Hardness

after toughening 300 HB

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