

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 [%]

C	Mn	Si	P	S	Cr	Ni	Mo	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