

Toolox 44

Description:

Steel with ESR properties, with high stability of dimensions during machining, with high impact resistance, high polishability and good thermal conductivity. Delivered as toughened to about 44 HRC

Application:

Moulds to make plastic products, moulds for rubber parts, moulds for pressure die casting, stamping dies, blanking dies, machine components such as gear wheels, work-rest blades.

Chemical composition [%]

C	Mn	Si	P	S	Cr	Ni	Mo	W	V	Al	Cu
0,30	0,80	1,10	-	-	1,40	-	0,80	-	-	-	-

Equivalents

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

Processes

welding YES
nitriding YES

Hardness

after toughening 450 HB