

Title (en)
Hot work tool steel and steel product using the same

Title (de)
Warmarbeitsstahl und Stahlprodukt damit

Title (fr)
Acier pour outil de travail à chaud et produit d'acier l'utilisant

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Application
EP 10006150 A 20100614

Priority
JP 2009143377 A 20090616

Abstract (en)
The present invention provides a hot work tool steel containing: 0.20#C#0.50 mass%, 0.40<Si<0.75 mass%, 0.50<Mn#1.50 mass%, 5.24#Cr#9.00 mass%, 1.08<Mo<2.99 mass%, and, 0.30<V<0.70 mass%, with the balance being Fe and unavoidable impurities; and a steel product using the hot work tool steel. The hot work tool steel is capable of improving the thermal conductivity as compared with general-purpose die steel (JIS SKD61) and has a higher impact value than that of general-purpose die steel while maintaining machinability at a level equal to or higher than that of general-purpose die steel.

IPC 8 full level
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Citation (applicant)
• JP H06322483 A 19941122 - DAIDO STEEL CO LTD
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