

PerfoHot®

HOT WORK TOOL STEEL

PerfoHot is a general purpose hot work tool steel with excellent impact toughness containing 5% Chromium. Unlike standard hot work tool steels, Tungsten and Niobium are added to improve their mechanical properties at high temperatures.

APPLICATION AREAS OF PERFOHOT

- Hot work applications where maximum crack resistance is required
- Die casting molds
- Extrusion dies
- Forging dies
- Hot cutting blades



C%	Cr%	Mo%	V%	W%	Nb%	Others
0,37	5,30	1,45	0,30	1,30	0,05	+

Soft Annealign	Hardening	Annealing
820 - 840 °C Slow cooling in the furnace	1000 - 1050 °C	520 - 700 °C

