



AISI S7

General Information

AISI S7 is a tool steel that has very high impact resistance.

Chemical Composition

C %	Si %	Mn %	Cr %	Mo %	V %
0.50	0.35	0.70	3.20	1.40	0.07

Application Areas

- Screwdrivers (hand and pneumatical)
- Bending moulds
- Cold cutting tools over 10 mm plates and sheets
- High toughness staples or other cold work moulds
- Hot cutting blades
- Forging moulds and other hot work tools

Heat Treatment

Preheating	Hardening	Annealing
650 - 700°C	930 - 960°C	

Tempering Diagram

