



Prakash Steel Corporation

Dealers & Stockists In : Alloys & Special Steel

Hot Work Steels

Hot work tool steels enable the hot forming of metals at high temperatures. They possess good strength at elevated temperatures and also resistance to fluctuating thermic loads occurring where the tool surfaces come into contact with materials to be processed.

Application

Pressure Die Casting, Aluminium & Copper Extrusion, Die Forging, Forging Die Blocks, Glass Processing, Mandrels & Pilger dies for Tube and Pipe manufacture.

Grade	%	C	Mn	Si	Cr	Mo	V	S	P
AISI H11	Min	0.30	0.20	0.80	4.75	1.25	0.30	Max.	Max.
	Max	0.40	0.50	1.20	5.50	1.75	0.50	0.015	0.020
AISI H13	Min	0.30	0.20	0.80	4.75	1.25	0.80	Max.	Max.
	Max	0.40	0.50	1.20	5.50	1.75	1.20	0.015	0.020