

## TOOL STEEL - P20 PLASTIC MOULD STEEL

### RELATED SPECIFICATIONS:

Germany	W.Nr 1.2738
USA	AISI P20

### DESCRIPTION:

Plastic mould steel prehardened to 29 – 33HRC. Uniform hardness distributed evenly in large cross-sections. Excellent weldability with least hardness elevation. Good mirror polishability and less streak texture making finishing easier. Excellent toughness and nitriding properties.

### APPLICATION:

Suitable for medium and large size moulds, injection moulds, extrusion dies, press brake dies, aluminium die casting, forming tools, home equipment and other large daily goods e.g. containers etc.

### TYPICAL CHEMICAL ANALYSIS:

C %	Si %	Mn %	Cr %	Mo %
0.40	0.30	1.50	1.90	0.20

### MECHANICAL PROPERTIES:

As normally delivered in the hardened and tempered state, hardness is normally 32HRC. No hardening risks, no heat treatment, no distortion to tools. Can be further nitrided or flame hardened, locally. Heavier sections can be supplied premachined saving on weight and less machining.

### SIZES AVAILABLE:

Delivered normally in the hardened and tempered condition.  
Please contact your local branch for availability

### COLOUR CODE: YELLOW AND GREEN END

