

# 750 HB

RED

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## CHARACTERISTICS

Tensile Strength (Mpa) 690

Hardness Supplied (HB) 210

Machinability Rating % 65

## DESCRIPTION

20MnV6 is a carbon-manganese steel micro alloyed with vanadium, generally supplied in the black hot rolled condition.

## EQUIVALENTS

UNS	AISI	BS	W.Nr	C	Si	V	Mn	S	P
K01907		4360	1.5217	0.16	0.1	0.08	1.3	0.02	0
K12202		GR 55		0.22	0.35	0.15	1.6	0.04	0.03

## CHEMICAL ANALYSIS (%)

## NOTES

20MnV6 hollow bar is used extensively by all industry sectors for a wide range of applications utilizing it's considerable saving on machining time and weight over solid bar. Typical applications are: Bushes, Cylinders Various, Conveyor Rolls, Hollow Shafts, Hollow Parts and components, Nuts, Rings, etc.

## HEAT TREATMENT

*Case Hardening  
Water quench from 760°C - 780°C.*

760°C - 780°C

HEAT COLOUR  
LIGHT RED

WARNING: While all care has been taken to provide accurate information here, it should be noted that it is for a guide only and any information must be checked by the manufacturer before being relied upon.

# EDCON STEEL

### Sydney Metro

Blacktown 15 Carling Road Kings Park  
Brookvale 10/9-13 Winbourne Road Brookvale  
Revesby 122 Milperra Road Revesby

### Rural

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Orange 23 Leewood Drive Orange

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