



10V45 (Vanadium Enriched)

High Tensile Chrome Bar – Induction Hardened

10V45 is an equivalent Grade to 38MnVS6 and is stocked in much wider diameters. Bars made from this chrome plated steel are typically used in applications where there are heavy duty, demanding and often corrosive conditions. The steel contains increased levels of alloying elements which delivers a high grade steel with excellent tensile strength exhibiting good machining and weldability.

Typical Chemical Composition %

	MIN	MAX
Carbon	0.43	0.45
Manganese	0.6	0.9
Phosphorous		0.04 max
Silicon		0.38 max
Sulphur		0.05 max
Vanadium	0.02	0.2

Mechanical Properties

Tensile Strength Rm (MPA)	780 min
Yield Strength Re (MPA)	550 min
Elongation	Min 10%
Hardness HB	257 min

Typical Stock Range Carried

Imperial	5" – 9"
Metric	170mm – 300mm

Imperial Size Range

10V45 Medium to High Tensile Chrome Bar

Product	Imperial inches	Metric mm	Weight Kg per meter
10V45 High Tensile Chrome Bar – IND	5	127	99.44
10V45 High Tensile Chrome Bar – IND	5 1/2	139.7	120.32
10V45 High Tensile Chrome Bar – IND	6	152.4	143.19
10V45 High Tensile Chrome Bar – IND	6 1/2	165.1	168.05
10V45 High Tensile Chrome Bar – IND	7	177.8	214.38
10V45 High Tensile Chrome Bar – IND	7 1/2	190.5	223.73
10V45 High Tensile Chrome Bar – IND	8	203.2	280.01
10V45 High Tensile Chrome Bar – IND	9	228.6	322.17

Metric Size Range

10V45 Medium to High Tensile Chrome Bar

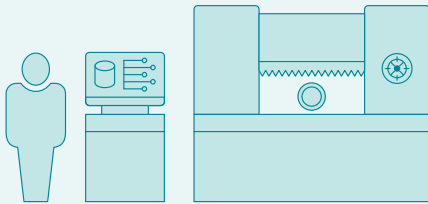
Product	Metric mm	Weight Kg per meter
10V45 High Tensile Chrome Bar – IND	170	219.73
10V45 High Tensile Chrome Bar – IND	180	199.75
10V45 High Tensile Chrome Bar – IND	190	271.70
10V45 High Tensile Chrome Bar – IND	200	328.23
10V45 High Tensile Chrome Bar – IND	220	358.74
10V45 High Tensile Chrome Bar – IND	230	326.13
10V45 High Tensile Chrome Bar – IND	260	458.43
10V45 High Tensile Chrome Bar – IND	300	610.34



Hydraulic Steels Australia

We supply hydraulic repair and manufacturing workshops with hydraulic steels. Traditional hydraulic steel suppliers are not geared towards these businesses. We are. Call our sales team on 1300 522 826.

Cutting Service



Our laser guided band saws are dedicated to hydraulic steels. Our superior cutting service ensures that we can typically process orders faster than our competitors. If we receive an order before 12 noon, we aim to have that order on transport that day.

Delivery



We've positioned ourselves geographically to be in a strategic location with excellent on and off highway access which enables transport to collect products with ease and enables us to distribute products efficiently, on time and safely to every postcode area throughout Australia.

Disclaimer

The data ranges and application examples shown are for general information purposes only and are not to be considered as recommendations. Test certificates for specific products are available on request.

Contact Details

Phone 1300 522 826

Fax + 617 3216 6433

sales@hydraulicsteels.com.au

hydraulicsteels.com.au

**AUSTRALIA'S LARGEST
STOCK RANGE**