

1045 Chrome Bar

BLACK

JADE

| CHARACTERISTICS | | EQUIVALENTS | | | | CHEMICAL ANALYSIS (%) | | | | |
|---|------------------------|---|-----|----|-----|-----------------------|-----|-----|------|------|
| Surface Hardness | 800-1000 HV (64-69 RC) | ASTM | DIN | BS | UNS | C | Si | Mn | S | P |
| Surface Smoothness | 0.1-0.3 um Ra | - | - | - | - | 0.45 | 0.3 | 0.7 | 0.03 | 0.03 |
| Surface Deposit | 0.025-.050mm | | | | | | | | | |
| DESCRIPTION | | NOTES | | | | | | | | |
| 1045 is a fully killed medium carbon steel and is the traditional product used in the manufacture of hard chrome bar. | | 4140 Chrome bar is also available in selected sizes. The chrome plated surface can be easily damaged, therefore they are stored and delivered in a protective cardboard or plastic tube. It is important to leave this tube in place while handling, cutting and storing the product. | | | | | | | | |
| | | APPLICATIONS | | | | | | | | |
| | | Chrome bar is used in standard cylinders, dump trucks, fork lifts, presses, gates and automotive doors, steering-gear systems, lifts, hydraulic platforms, cranes, drilling equipment and garbage compactors. | | | | | | | | |

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.

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