Material: DIN 1.2344, X40CrMoV5-1, ASTM/SAE/ AISI H13, JIS SKD61

Delivery Condition: Soft Annealed to approx. 195 HB.

Brand: P.B

Sizes:
- Sheets: 1 MM TO 13 MM THICKNESS
- Plates: 16 MM TO 300 MM THICKNESS
- Rounds: 5 MM TO 600 MM DIAMETER

MOQ: 2 METRIC TONS

Chemical Composition %:

<table>
<thead>
<tr>
<th>C</th>
<th>Si</th>
<th>Mn</th>
<th>P</th>
<th>S</th>
<th>Cr</th>
<th>Mo</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.32-0.45</td>
<td>0.80-1.20</td>
<td>0.20-0.50</td>
<td>≤0.030</td>
<td>≤0.030</td>
<td>4.75-5.50</td>
<td>1.10-1.75</td>
<td>0.80-1.20</td>
</tr>
</tbody>
</table>

Physical Properties:

- Density: 0.280 LB/IN³ (7750 KG/M³)
- Specific Gravity: 7.75

Mechanical Properties:

- Hardness: 52 HRC

Applications:

- Extrusion Dies, Hot Forging Dies, Plastic Mould Cavities, Components that require High Toughness & Excellent Polish ability, Inserts, Cores & Die Casting Dies, Die Casting Shot Sleeves, Pressure Die Casting Tools, Aluminium Die Casting Tools, Hot Shear Blades, Pipe manufacturing.