

High Carbon, High Chromium Cold Work Tool Steel (D2)

- **Similar Steels**

AISI	B.S.	DIN	JIS
D2	BD2	1.2379	SKD11

- **Chemical Composition**

(wt%)

C	Si	Mn	P	S	Cr	Mo	V
1.40 1.60	MAX 0.40	MAX 0.40	MAX 0.030	MAX 0.030	11.00 13.00	0.80 1.20	0.20 0.50

Remark : Cu : max. 0.25% Ni : max. 0.50%

- **Characteristics**

1. High-carbon high-chromium cold work tool steel.
2. Deep hardening, with low distortion and high safety in hardening.
3. Good wear resistance and good softening resistance at elevated temperature.
4. Fine carbide size and grain size with high toughness.
5. Low sulfur content with high cleanliness.

- **Application**

For high-efficiency cutting tool :

1. Tooling industry : Punch, Immediate Roller for Cold Rolling.
2. Wire Cutting Industry : Mould
3. Steel Tube Industry : Rolling Cutter, Shaping Wheel.
4. Screw Industry : Screw Wheel, Screw Mould, Drawing Die.

