40CrMnNiMo8-6-4 | 1.2738 Cold Work Alloy Tool Steel China suppliers, wholesale, distributors and stockholder. Otai Special Steel is manufacturers and Have large quantity Stock in warehouse. We supply in Round bar, gauge plate steel, pipe / Tube,rod, square, hexagonal, blanks, plate, sheet, precision ground flat bar, precision ground bar stock and hollow bar. provide black surface and black surface alloy steel material.

40CrMnNiMo8-6-4 | 1.2738 is a German Cold work tool alloy steel material grade.it is shock resisting steel. it belong to DIN 17350 standard. Digital Grade material number 1.2738. Metal Steel Grade W-Nr 40CrMnNiMo8-6-4. It is a die steel, use in extrusion moulds, Hot Cast moulds. like aluminium production, Aluminium cutting mold. Our Tool Steel material 100 % ultrasonic tested with good price. Small size steel products make by hot rolled, large size steel products make by forging. 1.2738 with 40CrMnNiMo8-6-4 is equivalent Belong to W-Nr and DIN.

40CrMnNiMo8-6-4 | 1.2738 Steel material properties datenblatt as below:

Chemical composition data of Metal 40CrMnNiMo8-6-4 | 1.2738 Cold work tool steel-DIN 17350-1980 (EN4957-2001)

C	Si	Mn	P	S	W	Cr	V
0.35～0.45	0.20～0.40	1.30～1.60	0.035 max	0.035 max	1.80～2.10	1.80～2.10	~

Material equivalent of DIN 40CrMnNiMo8-6-4 | 1.2738 steel

USA	Germany	China	Japan	France	England	Italy	Poland	Czechia	Austria
-	DIN,WNr	GB	JIS	AFNOR	BS	UNI	PN	CSN	ONORM
	40CrMnNiMo8-6-4 | 1.2738								

Physical properties of 40CrMnNiMo8-6-4 | 1.2738 Tool Steel

- Density: 7.85kg/m3
- Thermal conductivity:
- Forging ratio: 5:1 Minimum
- Microstructure:
- Magnetic:

Mechanical properties of Alloy Steel 40CrMnNiMo8-6-4 | 1.2738

Hardness： Annealing 235 HB max, Q+T: 51~46 HRc, different hardness according different Tempering temperature.

- Yield strength:

Heat treatment of 40CrMnNiMo8-6-4 | 1.2738 Cold work tool steel

- Annealing: Annealing temperature/℃: 710~740; After the annealing, degree of hardness ≤HBS: 235
- Quenching: Hardening temperature/℃: 840~870, Quenching in oil
- Tempering: Commonly used drawing temperature/℃: 180~220; After tempering hardness HRC | 100 ℃ : 51; After tempering hardness HRC | 200 ℃ : 50; After tempering hardness HRC | 300 ℃ : 48 ; After tempering hardness HRC | 400 ℃ : 46
- Normalizing：at Normalizing temperature, then cool in furnace

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Forged steel properties of Cold work tool 40CrMnNiMo8-6-4 | 1.2738 tool steel

For forging 40CrMnNiMo8-6-4 | 1.2738 steel, Slowly Pre-heat, at temperature/℃: 1050~850 Forged

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Processing of Steel Material 40CrMnNiMo8-6-4 | 1.2738

Otai Special provide the Grinding, milling , polishing, turning, drilling and

others machining service as your required tolerances and size.

Packing of 40CrMnNiMo8-6-4 | 1.2738 steel

By steel Wire Bundling then put in container, or as customer require packing.

Contact us now! Free sample waiting for you.

Tel: 0086-769-33232622

Fax: 0086-769-88705839

Email (English): jack@otaisteel.com

Email (Español): johnlong@otaisteel.com