



黄石市天地模具材料有限公司

Huangshi Tiandi Mould Material Co., Ltd.



Tiandi Mould material
合作共赢，品质取胜



<http://www.hstdsteel.com>



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公司简介

黄石市天地模具材料有限公司，成立于2007年，是一家专业从事模具材料生产开发的企业，公司的管理人员和主要技术骨干都已从事模具钢生产和研发多年，公司具备科学的管理体系、成熟的生产工艺和创新的经营理念。公司座落在长江之滨秀美的山水城市湖北省黄石市，交通十分便利。公司占地面积1万多平方米，现有员工100多人，其中具有中级以上技术职称的科研人员占10%以上，公司建有多台中频炉和先进的化验设备、锻造设备、轧制设备、热处理设备，年生产特殊钢在1万吨以上。公司

主要生产模具钢、高合金结构钢、轴承用钢、不锈钢等四大类产品。品种有锻圆（ $\Phi 50\text{ mm}$ — $\Phi 400\text{ mm}$ ）、方钢、扁钢（最大宽度800mm）和锻坯、锻件；小型、中型轧制圆（ $\Phi 10\text{mm}$ — $\Phi 200\text{mm}$ ）等，以上产品可加工成银亮材或铣光板。产品均可以热制、退火及其他热处理状态交货。

公司是湖北省黄石地区唯一一家生产模具钢轧圆的企业，公司产品远销东南亚及欧美等国际市场，热忱欢迎新老客户及海内外各界朋友前来洽谈业务，开展合作，共创辉煌！



About us

Huangshi Tiandi Mould Material Co., Ltd. was established in 2007, is a professional mould material production 、 research and development enterprises, Management and technical staffs of our company have been engaged in die steel production and development for many years, the company has scientific management system, mature production technology and innovative management conception. The company is located in Huangshi City, Hubei Province, a Changjiang River and beautiful landscape city, transportation is very convenient.

The company covers an area of over 10,000square meters, more than 100 employees, which is above medium-grade professional titles researchers more than 10%, our company have several medium frequency furnace and advanced laboratory equipment, forging equipment, rolling equipment , heat treatment equipment, the production capacity of special steel in more than 10,000 tons every year.

The company mainly produces four categories of products such as die steel, alloy structural steel, bearing steel, stainless steel. Varieties concerned forging round bar ($\Phi 50$ mm- $\Phi 400$ mm), square steel, flat (maximum width 800mm) and forging billet, forging; small and medium-sized round bar ($\Phi 10$ mm- $\Phi 200$ mm), the above products can be polished into silver bright material or milling light flat. All of products can be heat system, annealing and other heat treatment based on customer needs.

Our factory is the only one producing die steel round bar enterprises in Huangshi city of Hubei province, our products are exported to Southeast Asia、 Europe、 the United States and other international markets, sincerely welcome new or old customers and friends from various circles at home and abroad to negotiate business and cooperation, create brilliant future!



Main Production

Product name : 4Cr5MoSiV1/H13/1.2344/SKD61

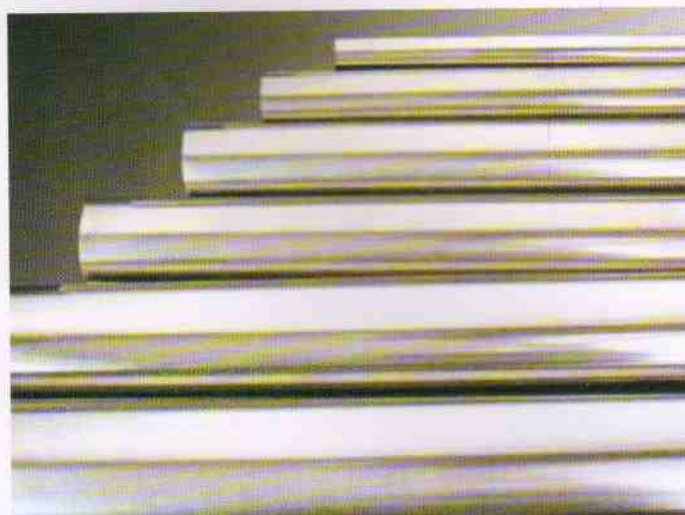
Product category : Hot work die steel

Specification

1.Dia: 100~600mm

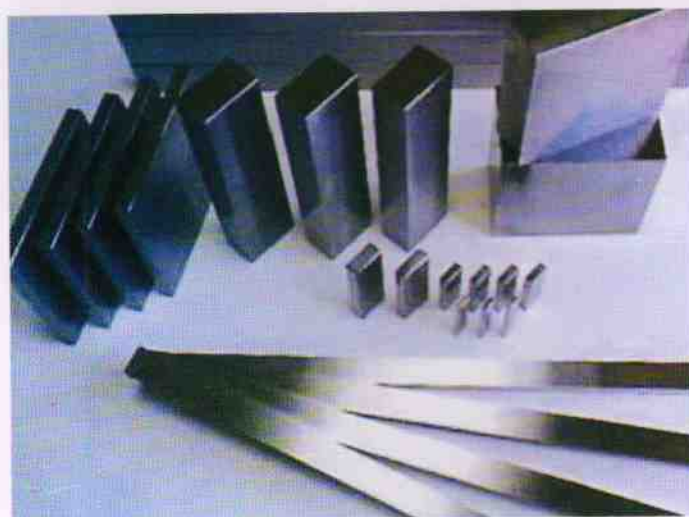
Length:2000-13000mm

2.High hot strength and hardness, good resistance to heat, good hot toughness, high resistance to temperature fatigue and wear in medium heat, small heat deformation, the tendency of the appearing of iron oxide skin are small in air-quenching,excellent corrosion resistance.



Chemical composition:

C	Si	Mn	P	S	Cr	Mo	V
0.39	0.9	0.4	0.015	0.002	5.3	1.2	0.8



Product name : 3Cr2W8V/H21/1.2581/SKD5

Product category : Hot work die steel

Specification:

good bearing capacity, heat intensity and tempering resistance. preferable hardness, intensity and harden ability in high temperature, excellent heat resistance.

Chemical composition:

C	Si	Mn	Cr	W	V	S	P
0.30-0.40	0.15-0.40	0.20-0.40	3.00-3.75	8.75-10.00	0.30-0.50	≤0.025	≤0.025

Product name : 5CrMnMo/1.2311/SKT5

Product category : Hot work die steel

Specifications

1.Tech: EAF+LF+VD+ESR

2.Delivery Status:

Black Surface/grinded/machined

3.Payment Term: L/C,T/T



Chemical composition:

C	Mn	Si	Cr	Mo	P	S
0.50-0.60	1.20-1.60	0.25-0.60	0.60-0.90	0.15-0.30	≤0.03	≤0.02



Product name : 5CrNiMo/L6/1.2713/SKT4

Product category : Hot work die steel

Specifications :

1. SKT4/5CrNiMo/L6/1.2713 Die Steel.
2. Professional Technical and High Quality.
3. Competitive Price.

Chemical composition:

C	Si	Mn	Cr	Ni	Mo	P	S
0.50-0.60	≤0.40	0.50-0.80	0.50-0.80	1.40-1.80	0.15-0.30	≤0.03	≤0.03

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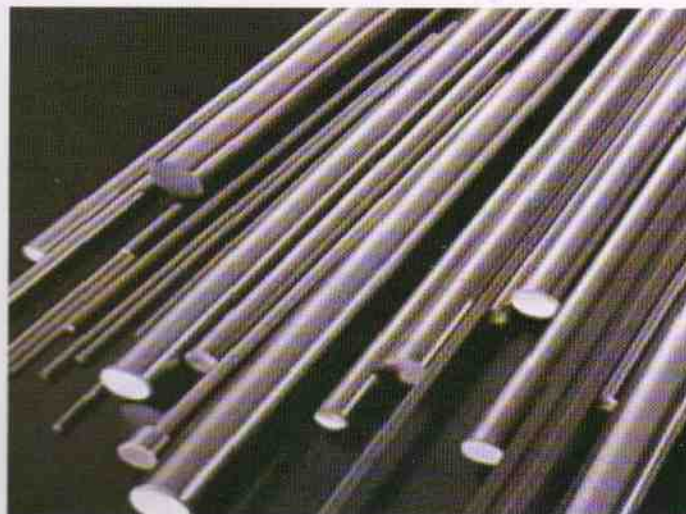
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Product name : 9Mn2V/O2/1.2842

Product category : Cold work die steel

Specifications

1. Dimensions: 50-200mm
2. Technique: Forged
3. Application: Structural Steel Bar
4. Cold-working die steel with good hardness



Chemical composition:

C	Si	Mn	V	P	S
0.85/0.95	≤0.40	1.70/2.00	0.10/0.25	≤0.030	≤0.030



Product name : Cr8Mo2SiV/DC53/A8

Product category : Cold work die steel

Specifications

1. Quenching temperature: 1000-1040 degree Celsius
2. Cooling Medium: oil-cooling or air-cooling
3. Tempering temperature: 180-200 degree Celsius, by two times
4. Tempering Hardness: 63.HRC
1060-1080 degree Celsius

Chemical composition:

C	Si	Mn	Cr	W	Mo	V	P	S
0.90-1.10	0.80-1.20	≤0.40	7.50-8.50	0.60-0.80	1.80-2.00	0.20-0.50	≤0.030	≤0.03

Product name : Cr12Mo1V1/D2/1.2379/SKD1

Product category : Cold work die steel

Specifications

- 1.Size: Dia 10-450mm, forged
- 2.Application: Used for making high wearing resistance and less shock load, former blocks, cold cutting scissors, drill bushes, coining dies, draw benches
- 3.Annealed hardness: HBS=207-255



Chemical composition:

C	Si	Mn	Cr	S	P	Mo	V	Co
1.50	≤0.60	≤0.60	12.00	≤0.030	≤0.030	0.85	≤1.10	≤1.00



Product name : 9CrWMn/O1/1.2510/SKS31

Product category : Cold work die steel

Specifications

1. Hardness: HB 230
2. Characteristic: Non-deforming oil steel
3. AISI01/DIN1.2510/9CrWMn cold work die steel
4. Delivery condition: Forged condition, VOD material, Black surface or milled surface, Annealed hb=225

Chemical composition:

C	Si	Mn	Cr	V	W
0.9	0.3	1.2	0.5	0.5	0.1

Product name : Cr12/D3/1.2080/SKD1

Product category : Cold work die steel

Specifications

1.Quench: 950-980°C oil cooling HRC \geq 60

2.Backfire:

relieving stress, stable structure 180-200°C
two hours HRC60-62;relieving stress,
lower hardenss 320-350°C two hours
HRC57-58

3.Anneal: 830-850°C slow cooling



Chemical composition:

C	Mn	Si	Cr	P	S
2.00/2.30	≤ 0.40	≤ 0.40	11.50/13.00	≤ 0.030	≤ 0.030



Product name : Cr12MoV/1.2601/SKD11

Product category : Cold work die steel

Specifications

Cold work tool steel D5/1.2601/Cr12MoV

1.Size:Diameter:50-450mm;length:2-6M;

2.Annealed hardness to 255;

3.Black surface

Chemical composition:

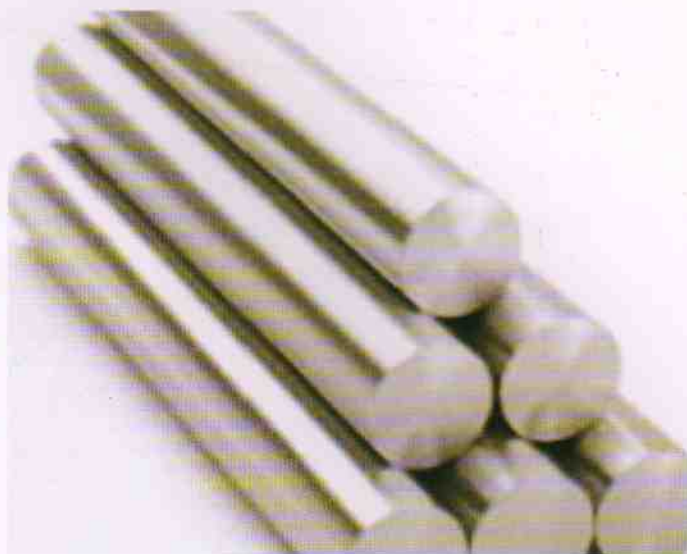
C	Si	Cr	Mn	P	S	Mo	V
1.45	0.3	11.5	0.35	≤ 0.03	≤ 0.03	0.4-0.6	0.1-0.3

Product name : 3Cr17NiMo/1.2316

Product category : plastic mould steel

Specification

1. pure and precision mirror polishing
2. strong corrosion resistance and its pitting corrosion goes beyond S-136 and 1.2316
3. convenient heat treatment, quenched and tempered steel after pre-hardened, its dimension become more stable.
4. its resistance is as good as S-136 and 1.2316, and easy to repair welding.
5. Dimensions(mm)forging element $\phi 50$ - $\phi 320$ forging plate 20-80 \times 40-410 80-300 \times 410-660
6. Factory state:hardnessHB \leq 230



Chemical composition:

C	Mn	Si	Cr	P	Mo	S	Ni
0.30/0.40	≤ 1.00	≤ 1.00	16.0/17.5	≤ 0.025	0.80/1.30	≤ 0.020	0.60/1.00



Product name : 3Cr2Mo/P20/1.2311/SKT5

Product category : plastic mould steel

Specification:

1. Plate: Thickness 20 – 300mm, width 1600 - 2300mm
2. Delivery condition: Hot rolled or forged, prehardened, black surface, UT test. Prehardened Hardness 28 – 34HRC
3. Plastic mould steel with good toughness properties, easy to machine, better polishability than 1.2312, dimensional stability, flame hardenable, good

photoengraving properties, requiring no heat treatment, 280 - 325 HB hardened and tempered condition, suitable for nitriding, case hardening treatments, hardchrome plating and pitting.

Chemical composition:

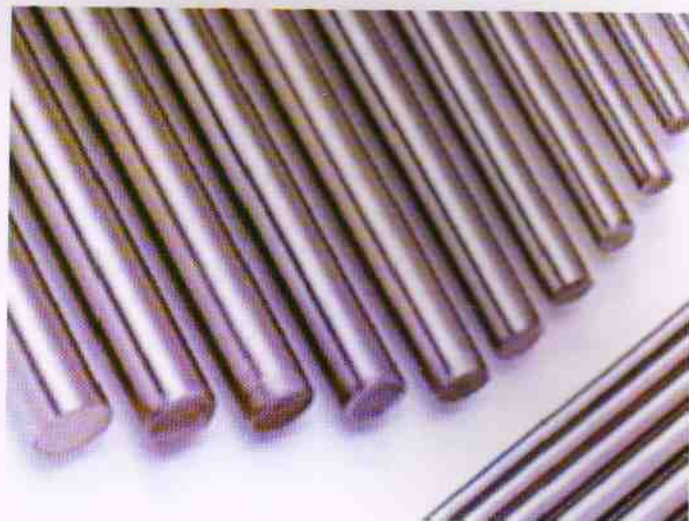
C	Si	Mn	P	S	Cr	Mo
0.28-0.40	0.20-0.80	0.60-1.00	≤ 0.030	≤ 0.030	1.40-2.00	0.30-0.55

Product name : 9Cr18/440B

Product category : plastic mould steel

Specification :

- 1.Min. order:10 metric tons
- 2.Manufacturer. EF/ESR. OEM
- 3.Delivery time:35-40days
- 4.Excellent wear-resist



Chemical composition:

C	Si	Mn	Cr	S	P
0.90-1.00	≤0.80	≤0.80	17.00-19.00	≤0.030	≤0.030



Product name : 4Cr13/420/SUS420J2

Product category : plastic mould steel

Specification:

- 1.Delivery time: 35-40days
- 2.100% UT acco to En1921D/d
- 3.Diameter: 50-500mm
4. Min. order: 10 metric tons

Chemical composition:

C	Si	Mn	Cr	S	P
0.36-0.45	≤0.60	≤0.80	12.00-14.00	≤0.030	≤0.035

<<< 钢材色标 <<<

热作钢



红

4Cr5MoSiV1 [H13 (电渣)]



黑

4Cr5MoSiV1 [H13 (电炉)]



铁红

5CrNiMo



黑+绿

3Cr2W8V



铁红+黑

5CrMnMo



黑+红

4Cr5MoSiV [H11]



绿+红

4Cr3Mo3SiV

冷作钢



绿

Cr12



黄

Cr12MoV



红+白

CrWMn [O1]



白

9Cr18



橙

Cr8Mo2SiV [Dc53]



红+黄

9Mn2V [O2]



蓝+绿

Cr12Mo1V1 [D2]

塑模钢



蓝

3Cr2NiMnMo [718]



蓝+黑

3Cr2Mo [P20]



蓝+黄

3Cr17NiMo



蓝+红

10Ni3MnCuAl [NAK80]



灰

2-4Cr13



蓝+白

S136

其他钢种



绿+黄

42CrMo



绿+灰

40Cr



绿+白

45#



灰+红

GCr15



Cr12Mo1V1模块



GCr15深加工产品



H13银亮材



12吨八角钢锭

产品展示 ^ ^ ^

合 作 共 赢 品 质 取 胜



黄石市天地模具材料有限公司
Huangshi Tiandi Mould Material Co., Ltd.

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