



互利共赢 协同发展

MUTUAL BENEFIT, WIN-WIN AND COORDINATED DEVELOPMENT

唐山德仟金属制造有限公司

Tangshan Deqian Metal Manufacturing Co., Ltd

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微信二维码



质量为本 | 客户为先 | 精工服务 | 诚信履约
Quality oriented | Customer first | Precision service | Integrity in performance

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公司简介 Company Profile

唐山德仟金属制造有限公司始创于 2021 年，坐落于河北省唐山市宋道口镇工业园区，区位优势优越，产业配套完善。公司深耕耐磨制品与钢轨改制领域，主营破碎机耐磨锤头、球磨机钢球、钢段、钢棒、装载机耐磨铲刃及其相关配件、再用钢轨等产品，集生产、销售、定制配套于一体，具备规模化生产与定制化供货实力。

企业现有在岗职工六十余人，自创立以来始终恪守“质量为本、客户为先、精工服务、诚信履约”的经营核心理念，严控全流程生产品质，深耕耐磨材料应用工艺，以过硬产品品质、稳定供货能力与良好市场口碑立足行业。产品覆盖国内二十余省、自治区各大矿山、建材、冶金、基建等工矿企业，同时远销欧洲、东南亚、中亚、非洲、蒙古国等海外市场，深受海内外客户信赖与认可。

公司秉持互利共赢、协同发展的合作理念，诚挚面向海内外工矿企业敞开合作之门，聚力深耕耐磨材料产业，携手合作伙伴共谋长远发展，聚力共创行业崭新格局。

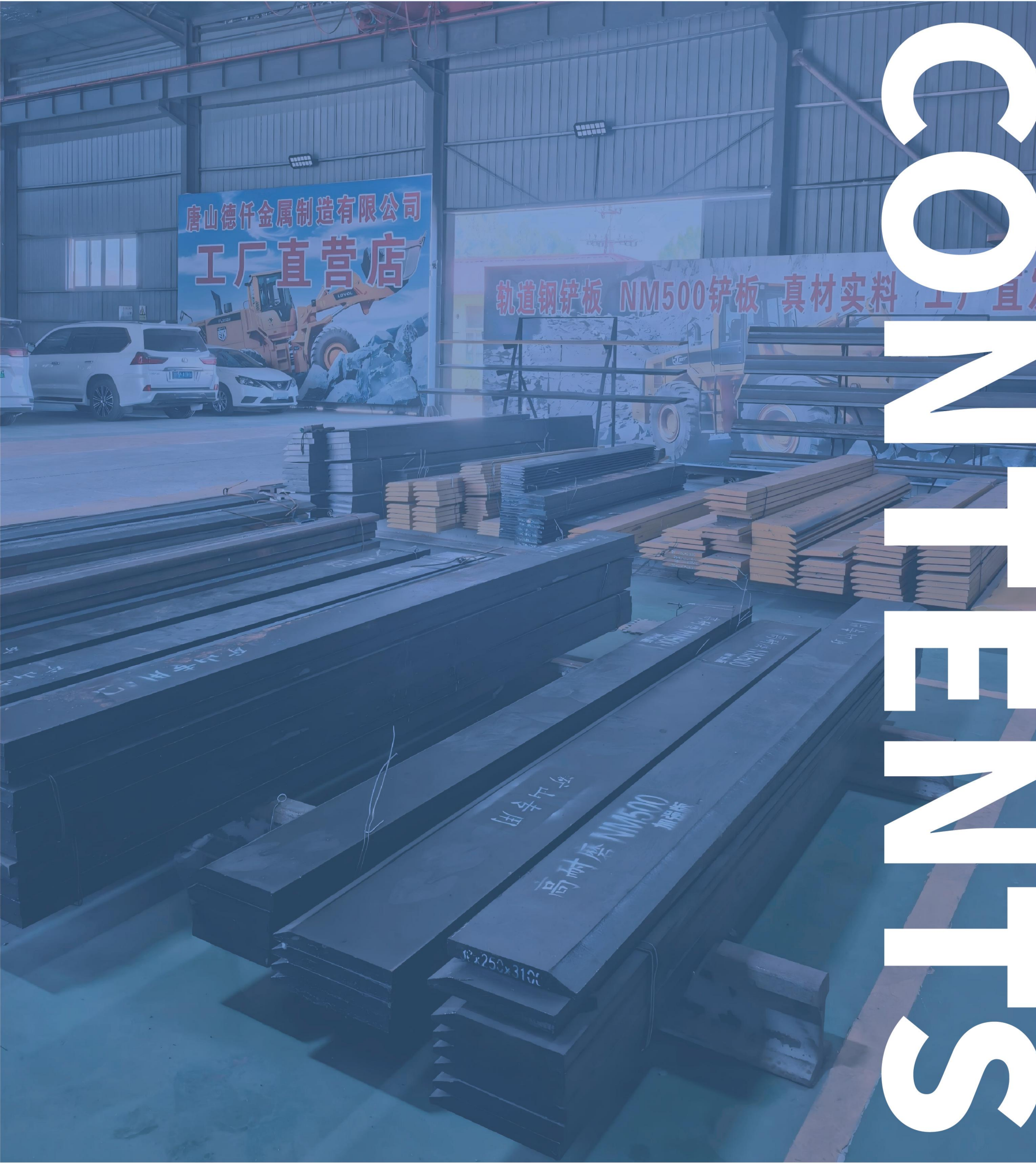
Tangshan Deqian Metal Manufacturing Co., Ltd. was founded in 2021 and is located in Songdaokou Industrial Park, Tangshan City, Hebei Province. The location has excellent transportation and complete industrial supporting facilities. The company is deeply engaged in the field of wear-resistant products and steel rail restructuring. Its main products include crusher wear-resistant hammers, ball mill steel balls, steel sections, steel bars, loader wear-resistant shovel blades and related accessories, and reusable steel rails. It integrates production, sales, and customized matching, and has the strength of large-scale production and customized supply.

The company currently has more than 60 employees on duty. Since its establishment, it has always adhered to the core business philosophy of "quality first, customer first, precision service,

and honest performance", strictly controlled the quality of the entire production process, deeply cultivated the application technology of wear-resistant materials, and established itself in the industry with excellent product quality, stable supply capacity, and good market reputation. Our products cover major mining, building materials, metallurgy, infrastructure and other industrial and mining enterprises in more than 20 provinces and autonomous regions in China, and are also exported to overseas markets such as Europe, Southeast Asia, Central Asia, Africa, Mongolia, etc., deeply trusted and recognized by customers at home and abroad.

The company adheres to the cooperation concept of mutual benefit and coordinated development, sincerely opens the door to cooperation with domestic and foreign industrial and mining enterprises, and strives to deeply cultivate the wear-resistant material industry, work together with partners to seek long-term development, and create a new pattern of the industry.



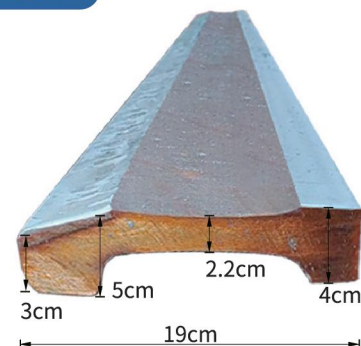


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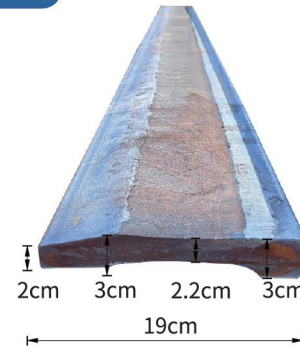
一号加强铲



- 铲板宽度:19cm
- Blade width: 19cm
- 中间厚度:2.2cm
- Middle thickness: 2.2cm
- 铲板厚度:3-5cm
- Blade thickness: 3-5cm
- 焊接部分:4cm
- Welding section: 4cm

适用:砂石料厂、搅拌站、碎石厂等水泥地面高强度作业
重量:3米长的重约135公斤,长度可以定制
Applicable to high-intensity operations on cement floors such as sand and gravel plants, mixing plants, and gravel plants
Weight: The 3-meter-long item weighs approximately 135 kilograms, and the length can be customized.

二号平地铲



- 铲板宽度:19cm
- Blade width: 19cm
- 中间厚度:2.2cm
- Middle thickness: 2.2cm
- 铲板厚度:2-3cm
- Blade thickness: 2-3cm
- 焊接部分:3cm
- Welding section: 3cm

适用:铲土方、沙子、煤场等平整土地作业
重量:3米长的重约110公斤,长度可以定制
Applicable to leveling operations such as earthmoving, sand, coal yards, etc
Weight: The 3-meter-long item weighs approximately 110 kilograms, and the length can be customized.

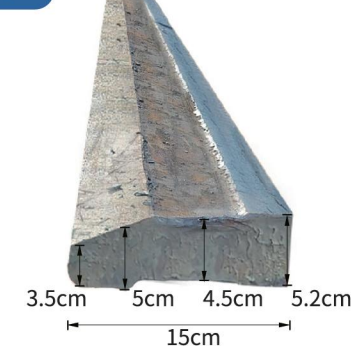
五号耐用铲



- 铲板宽度:15cm
- Blade width: 15cm
- 中间厚度:4cm
- Middle thickness: 4cm
- 铲板厚度:最薄的地方2cm,越往中间越厚
- Blade thickness: The thinnest part is 2cm, and it becomes thicker towards the middle

适用:砂石料厂、搅拌站、碎石厂等水泥地面高强度作业
重量:3米长的重约108公斤,长度可以定制
Applicable to high-intensity operations on cement floors such as sand and gravel plants, mixing plants, and gravel plants
Weight: The 3-meter-long one weighs approximately 108 kilograms, and the length can be customized

六号加厚铲



- 铲板宽度:15cm
- Blade width: 15cm
- 中间厚度:4.5cm
- Middle thickness: 4.5cm
- 铲板厚度:3.5-5cm
- Blade thickness: 3.5-5cm
- 焊接部分:5.2cm
- Welding section: 5.2cm

适用:砂石料厂、搅拌站、碎石厂等水泥地面高强度作业
重量:3米长的重约165公斤,长度可以定制
Applicable to high-intensity operations on cement floors such as sand and gravel plants, mixing plants, and gravel plants
Weight: The 3-meter-long item weighs approximately 165 kilograms, and the length can be customized.

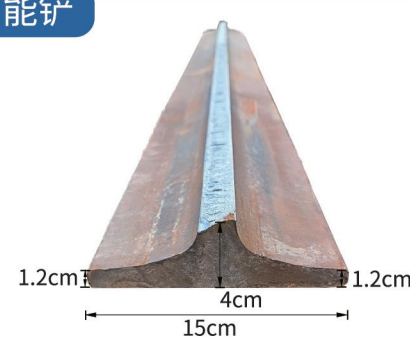
三号耐磨板



- 耐磨板宽度:8.5cm
- Wear resistant plate width: 8.5cm
- 中间厚度:1.8cm
- Middle thickness: 1.8cm
- 铲板厚度:2.1cm
- Blade thickness: 2.1cm

适用:用于挖斗加固,适合矿山采石等高磨损工作环境
重量:3米长的重约36公斤,长度可以定制
Applicable: Used for bucket reinforcement, suitable for high wear and tear working environments such as mining and quarrying
Weight: The 3-meter-long one weighs approximately 36 kilograms, and the length can be customized

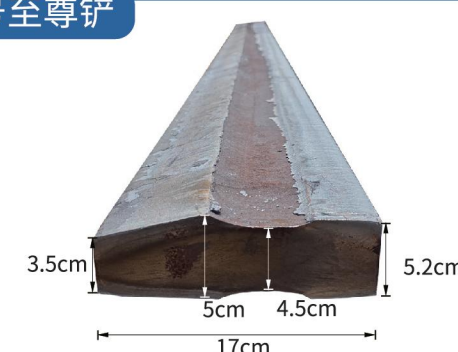
四号万能铲



- 铲板宽度:15cm
- Blade width: 15cm
- 中间厚度:4cm
- Middle thickness: 4cm
- 铲板厚度:最薄的地方1.2cm,越往中间越厚
- Blade thickness: The thinnest part is 1.2cm, and it becomes thicker towards the middle

适用:适合铲粮食、建筑垃圾、清雪等平整土地作业
重量:3米长的重约75公斤,长度可以定制
Applicable: Suitable for leveling land operations such as shoveling grain, construction waste, snow removal, etc
Weight: The 3-meter-long one weighs approximately 75 kilograms, and the length can be customized

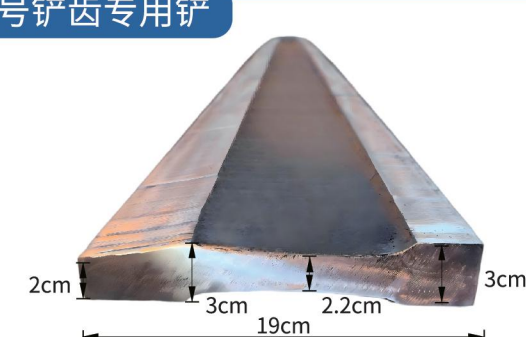
七号至尊铲



- 铲板宽度:17cm
- Blade width: 17cm
- 中间厚度:4.5cm
- Middle thickness: 4.5cm
- 铲板厚度:3.5-5cm
- Blade thickness: 3.5-5cm
- 焊接部分:5.2cm
- Welding section: 5.2cm

适用:砂石料厂、搅拌站、碎石厂等水泥地面高强度作业
重量:3米长的重约190公斤,长度可以定制
Applicable to high-intensity operations on cement floors such as sand and gravel plants, mixing plants, and gravel plants
Weight: The 3-meter-long item weighs approximately 190 kilograms, and the length can be customized.

八号铲齿专用铲



材质:采用包钢KB1250贝氏体合金钢轨改制
特性:韧性强、抗冲击,加工成铲板、铲齿,铲矿石、冻土等不会崩裂
重量:3米长的重约110公斤,长度可以定制

Material: Modified from Baosteel KB1250 bainitic alloy steel rail
Characteristics: Strong toughness, impact resistance, processed into shovel plates, shovel teeth, and will not crack when shoveling ore, frozen soil, etc
Weight: The 3-meter-long item weighs approximately 110 kilograms, and the length can be customized.

铲板实拍/Shovel board actual shooting



铲板原料/Shovel board raw materials



焊接教程/Welding Tutorial

一、割掉旧铲板/ Cut off the old shovel board

使用二氧化碳保护焊, 根据新铲板的宽度切割掉相对应的旧铲板

Use carbon dioxide shielded welding to cut off the corresponding old shovel plate according to the width of the new shovel plate



二、多点定位/ Multi point positioning

焊接定位: 将新铲板与旧铲板标齐, 标齐时新、旧铲板中间留有3mm缝隙, 先中间后两端间隔60公分左右, 定位点焊接8-10公分, 将铲板固定牢固

Welding positioning: Align the new shovel plate with the old shovel plate, leaving a 3mm gap in the middle of the new and old shovel plates when they are aligned. There should be a gap of about 60cm between the middle and the two ends. Weld the positioning points 8-10 cm and fix the shovel plate firmly



三、铲斗内、外焊接/Internal and external welding of bucket

焊接时使用二保焊或者506焊条, 先焊接反面再焊接正面, 边预热边焊接, 防止铲板因冷却过快而出现裂缝, 焊缝一定要全部填满, 不要虚焊断焊, 铲斗两端的铲角需拉到铲刃最前端。

When welding, use double protection welding or 506 welding rod, weld the reverse side first and then the front side, preheat and weld at the same time to prevent cracks in the shovel plate due to rapid cooling. The weld seam must be completely filled, and there should be no virtual welding or breakage. The shovel corners at both ends of the bucket should be pulled to the forefront of the shovel blade.



焊接效果/ welding effect





产品介绍/ Product Introduction

NM500刀板的核心优点是高耐磨性与强韧性的平衡,能在剧烈磨损工况下长期使用,同时其运用场景高度集中于需要抵抗磨损的重型机械和工业设备领域。

The core advantage of NM500 wear-resistant plate is the balance between high wear resistance and strong toughness, which can be used for a long time under severe wear conditions. At the same time, its application scenarios are highly concentrated in the field of heavy machinery and industrial equipment that need to resist wear.

核心优点/ Core advantages

- 超强耐磨性:布氏硬度 $\geq 480\text{HBW}$,通过铬、钼等合金元素形成耐磨碳化物,耐磨性是普通钢板的5-10倍,大幅减少设备因磨损导致的更换频率。
- 兼顾强韧性:在高硬度基础上,通过“淬火+回火”工艺保证 -40°C 低温冲击功 $\geq 24\text{J}$,避免在冲击载荷下(如矿石撞击)脆裂,适配复杂受力场景。
- 高强度支撑:抗拉强度 $\geq 1600\text{MPa}$ 、屈服强度 $\geq 1400\text{MPa}$,能承受重载而不易变形,可替代部分厚重铸件,实现设备轻量化。
- 易加工性:可进行切割、焊接、折弯等常规加工(需匹配专用焊材和工艺),方便根据设备需求定制形状,降低制造难度。
- Super wear resistance: Brinell hardness $\geq 480\text{HBW}$, wear-resistant carbides are formed through alloy elements such as chromium and molybdenum, and the wear resistance is 5-10 times that of ordinary steel plates, greatly reducing the frequency of equipment replacement due to wear.
- Balancing strength and toughness: On the basis of high hardness, the "quenching+tempering" process is used to ensure that the low-temperature impact energy at -40°C is $\geq 24\text{J}$, avoiding brittle fracture under impact loads (such as ore impact) and adapting to complex stress scenarios.
- High strength support: tensile strength $\geq 1600\text{MPa}$, yield strength $\geq 1400\text{MPa}$, able to withstand heavy loads without deformation, can replace some heavy castings, and achieve equipment lightweighting.
- Easy to process: It can be used for conventional processing such as cutting, welding, bending, etc. (matching with specialized welding materials and processes), making it convenient to customize shapes according to equipment requirements and reducing manufacturing difficulty.

主要用途/ Main purpose

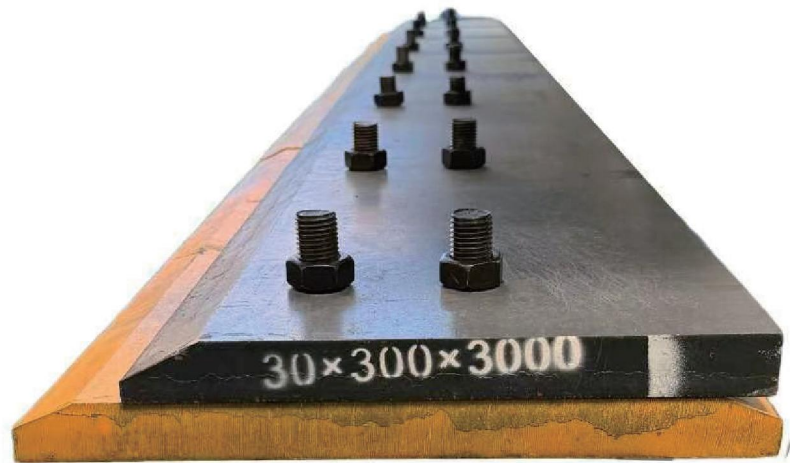
- 安装于铲车铲斗内壁、刃口、侧挡板,作为耐磨防护衬板,保护铲斗母材
- 适用于矿山开采、砂石料场、煤场、土方工程等高强度工况。
- 用于矿石、煤炭、渣土、建筑垃圾等硬质物料的铲挖
- 大型砂石料厂、工厂程基建等重载装卸专用耐磨配件
- Installed on the inner wall, blade edge, and side baffle of the shovel bucket as a wear-resistant protective liner to protect the bucket base material
- Suitable for high-intensity working conditions such as mining, sand and gravel yards, coal yards, and earthworks.
- Used for digging hard materials such as ore, coal, slag, construction waste, etc
- Large sand and gravel factories, factory construction and other heavy-duty loading and unloading specialized wear-resistant accessories

产品介绍/ Product Introduction

加厚高强度钢板一体焊接,弧形斗腔卸料顺畅;前端可加装NM500耐磨铲板,加宽鱼鳞满焊,耐磨抗冲击。支持全规格定制,适配龙工、柳工、鲁工、临工等全品牌装载机,土方、砂石、矿山多场景通用。

Integrated thick high-strength steel welding, curved cavity for smooth unloading. Optional NM500 wear plate fixed by wide fish-scale welding, excellent wear & impact resistance. Fully customizable sizes, compatible with Lonking, Liugong, Lugong, Lingong and all loader brands, suitable for earth, sand, mine work.

NM500主副刀板实拍/ NM500 main and auxiliary blade board real shot



装载机标准土方铲斗/ Loader standard earthwork bucket



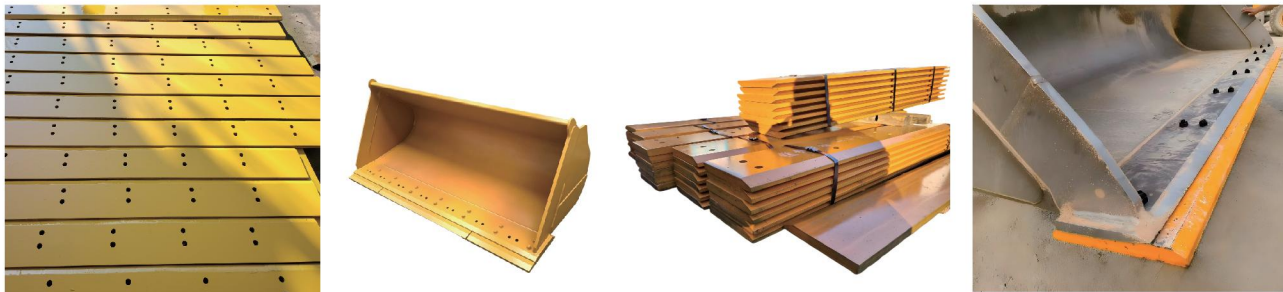
产品介绍/ Product Introduction

本品采用国标Q355低合金锰硅合金钢板加工成型，基材内含锰、硅合金元素，整体强度高、抗冲击不易开裂；相比普通普板韧性大幅提升，焊接性能优良。适配装载机铲斗、挖斗加固、推土铲等设备，土方、砂石轻中度磨损工况长期使用不易变形，成本适中，通用性强，长度尺寸均可按需定制。

This product is processed and formed using the national standard Q355 low-alloy manganese silicon alloy steel plate. The substrate contains manganese and silicon alloy elements, and the overall strength is high, impact resistance is not easy to crack; Compared to ordinary ordinary plates, it has significantly improved toughness and excellent welding performance. Suitable for equipment such as loader buckets, excavator bucket reinforcement, bulldozer shovels, etc., it is not easy to deform after long-term use in light to moderate wear conditions of earthworks and sand and gravel. The cost is moderate, the universality is strong, and the length and size can be customized according to needs.



序号 Number	产品名称 Product Name	长度(mm) Length (mm)	宽度(mm) Width (mm)	厚度(mm) Thickness (mm)	未打坡口重量 (kg) Weight (kg)
1	合金钢刀板	2000	180	18	50
2	合金钢刀板	2200	180	18	55
3	合金钢刀板	2500	200	25	98
4		2500	250	25	122
5		2500	200	30	117
6		2500	250	30	147
7	合金钢刀板	3000	250	30	176
8		3000	300	30	211
9	合金钢刀板	3100	250	30	182
10		3100	300	30	219
11	合金钢刀板	3200	250	30	188
12		3200	300	30	226
13	合金钢刀板	3000	250	40	235
14	合金钢刀板	3100	250	40	243
15	合金钢刀板	3200	250	40	251
16	合金钢刀板	3300	250	40	259



产品介绍/ Product Introduction

本款铲齿采用螺栓紧固式结构，装配简便高效；产品韧性优异、抗弯折抗断裂能力突出，耐磨抗损耗综合性能优异，可配套各类挖掘机、装载机铲斗使用，适配矿山、渣土、砂石开采等高强度作业环境。

This shovel tooth adopts a bolt fastening structure, which is easy and efficient to assemble; The product has excellent toughness, outstanding bending and fracture resistance, and excellent comprehensive wear and tear resistance. It can be used with various excavators and loader buckets, and is suitable for high-intensity working environments such as mining, slag and sand mining.



产品尺寸/ Product size

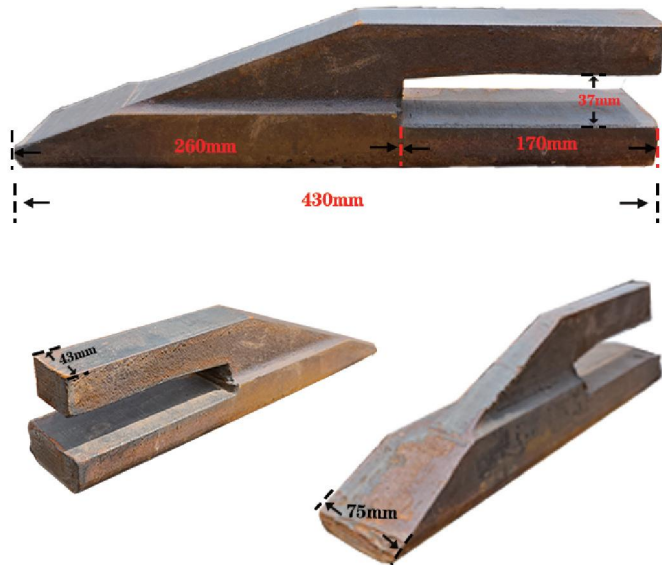
中齿	middle tooth
• 开口:3.2CM • 孔距:8CM • 重约:11公斤 • 长度:约39CM	• Opening: 3.2CM • Hole spacing: 8CM • Weight approximately: 11 kilograms • Length: Approximately 39CM
边齿	edge teeth
• 高度:约16CM • 孔距:8CM • 重约:13公斤 • 长度:约36CM	• Height: Approximately 16CM • Hole spacing: 8CM • Weight approximately: 13 kilograms • Length: Approximately 36CM



产品介绍/ Product Introduction

本款铲齿选用重载道岔专用KB1250低碳贝氏体钢轨切割成型,原生钢轨经千万吨列车长期碾压,表层自带致密耐磨硬化层。耐磨性能是常规锰钢铲齿3-5倍,铲挖矿石、石块、废钢等持续作业不易卷边断齿。

This shovel tooth is made of KB1250 low-carbon bainitic steel rails specially designed for heavy-duty turnouts, which are cut and formed. The original steel rails have been rolled by millions of tons of trains for a long time, and the surface layer comes with a dense wear-resistant hardening layer. The wear resistance is 3-5 times that of conventional manganese steel shovel teeth, and it is not easy to roll or break teeth during continuous operations such as digging ores, stones, and scrap steel.



产品核心工艺:重载轨道级精工改制

Product core process: Heavy duty track level precision modification

材质参数/ Material Parameters

- 抗拉强度1250MPa, 布氏硬度360-400HB, 高硬度搭配优异韧性, 完美解决普通高锰钢铲齿易崩齿横向断裂、快速磨损等问题
- 屈服强度: ≥ 375 MPa, 临界承载负荷更高, 可持续适配土石方、矿山、基建等高强度重载工况
- 冲击韧性: 冲击功 ≥ 31 J, 断面收缩率 $\geq 40\%$, 低温、高冲击工况下无脆裂, 抗冲击断裂性能优异
- 材质特性: 低碳合金配比精准, 晶粒细腻均匀, 兼具超高韧性 with 表层耐磨性
- Tensile strength 1250MPa, Brinell hardness 360-400HB, high hardness combined with excellent toughness, perfectly solves the problems of common high manganese steel shovel teeth prone to breakage, lateral fracture, rapid wear, etc
- Yield strength: ≥ 375 MPa, higher critical load capacity, sustainable adaptation to high-intensity heavy load conditions such as earthwork, mining, and infrastructure
- Impact toughness: Impact energy ≥ 31 J, cross-sectional shrinkage rate $\geq 40\%$, no brittle fracture under low temperature and high impact conditions, excellent impact and fracture resistance
- Material characteristics: Low carbon alloy with precise proportioning, fine and uniform grain size, combining ultra-high toughness and surface wear resistance

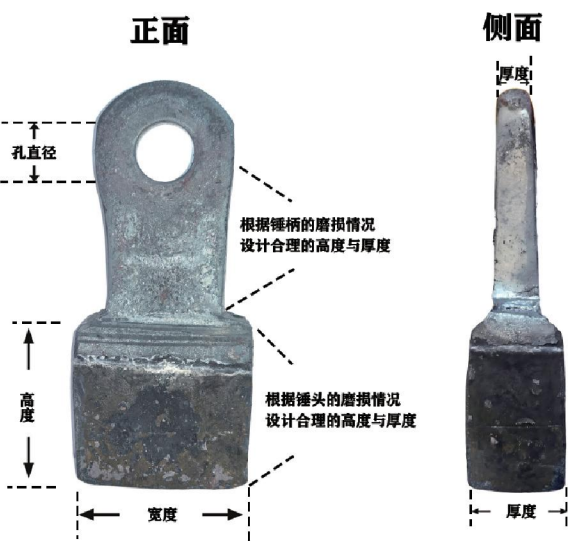


以上理论重量均为新轨重量
The above theoretical weights are all new rail weights

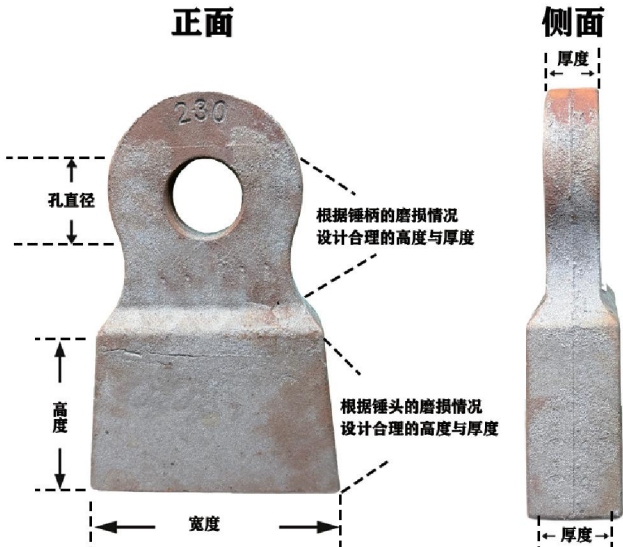


破碎机锤头/ Crusher hammer head

钢轨锻打锤头
Steel rail forging hammer head



合金钢铸造锤头
Alloy steel cast hammer head



产品适配场景/ Product adaptation scenarios

- 中等硬度物料破碎场景：石灰石、煤炭、页岩、炉渣、建筑垃圾、风化砂石、石膏、砖瓦废料等中低硬度物料；
- 含少量细砂石、轻度磨料工况：物料夹杂少量泥土、细砂，轻微摩擦磨损环境；
- 频繁冲击、防断裂优先工况：进料块度偏大、进料不均、偶尔进铁块杂物、冲击载荷波动大的破碎现场；
- 低温、常温露天厂区环境：室外矿山厂区、建材厂、煤场、固废处理厂全天候使用；
- 对配件易崩碎、易掉块问题敏感的生产线。
- Crushing scenarios for medium hardness materials: low to medium hardness materials such as limestone, coal, shale, slag, construction waste, weathered sand and gravel, gypsum, brick and tile waste, etc;
- Working conditions with a small amount of fine sand and gravel and mild abrasives: the material is mixed with a small amount of soil and fine sand, and there is a slight friction and wear environment;
- Frequent impact and fracture prevention priority working conditions: crushing sites with large block size, uneven feeding, occasional entry of iron blocks and debris, and large fluctuations in impact load;
- Low temperature, room temperature outdoor factory environment: outdoor mining factories, building materials factories, coal yards, and solid waste treatment plants are used 24/7;
- A production line that is sensitive to the issues of parts being prone to breakage and falling off.



球磨机钢球/ Ball mill steel ball

产品介绍/ Product Introduction

以优质合金圆钢棒料为原材料，采用高温加热、多次反复锻打成型，再经过调质热处理制成的球磨机研磨钢球。

A ball mill is made from high-quality alloy round steel bars as raw materials, which are heated at high temperatures, repeatedly forged and shaped, and then subjected to quenching and tempering heat treatment to grind steel balls.

尺寸及允许的偏差、外形/ Diameter tolerance and roundness

公称直径Diameter	30 40 50 60	70 80 90	100 110 120 125	150
允许偏差Diameter tolerance(mm)	±2	+3,-2	+4,-3	+5,-4
圆度 Roundness(%)	≤2	≤3	≤4	≤5



技术规范/ Technical specification

牌号 Brand	破碎率 Breakage rate	硬度 Hardness(HRC)	冲击值 Impact value(J/cm²)	落球次数 Drop times (times)	金相组织 Micro structure
45#	<1%	≥45	≥12	≥8000	M+C
40Mn	<1%	≥50	≥12	≥10000	M+C
50Mn	<1%	≥55	≥12	≥10000	M+C
60Mn	<1%	≥55	≥12	≥12000	M+C
65Mn	<1%	≥58	≥12	≥12000	M+C
70Mn	<1%	≥60	≥12	≥12000	M+C
40Cr	<1%	≥55	≥12	≥12000	M+C
42CrMo	<1%	≥55	≥12	≥12000	M+C
70Cr2	<1%	≥58	≥12	≥12000	M+C
40Mn2	<1%	≥55	≥12	≥12000	M+C
70Mn2	<1%	≥58	≥12	≥12000	M+C
B-1	<1%	≥55	≥12	≥12000	M+C
B-2	<1%	≥58	≥12	≥15000	M+C
B-3	<1%	≥60	≥12	≥15000	M+C
B-4	<1%	≥60	≥12	≥15000	M+C
B-6	<1%	≥60	≥12	≥15000	M+C
B-6A	<1%	≥60	≥12	≥15000	M+C
B-7	<1%	≥60	≥12	≥15000	M+C
BU	<1%	≥60	≥12	≥15000	M+C
Gr15	<1%	≥60	≥12	≥15000	M+C

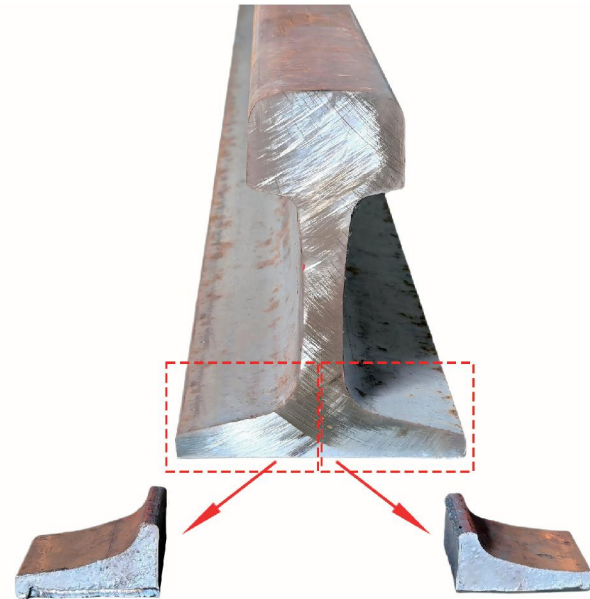


耐磨块/ Wear-resistant block

产品介绍/ Product Introduction

该耐磨块由退役钢轨切割改制而成，俗称耐磨豆腐块，属于经济型高强度耐磨配件，经济实用、性价比突出。选用钢轨实体原料整体切割、无拼接，保留钢轨原生材质，硬度高、耐磨抗冲击；外形规整，既可垫置设备底部，也可直接焊接于机体磨损位置。

This wear-resistant block is cut from retired steel rail, commonly known as wear-resistant tofu block. It is an economical high-strength wear accessory with excellent cost performance. Integrally cut from solid rail material without splicing, it inherits original rail steel features: high hardness, superior wear and impact resistance. Regular shape allows placement under machinery or direct welding on worn areas.



应用场景/ Application scenarios

- 打桩机机体易磨损位置焊接耐磨加固
- 打桩机底部承压、缓冲支撑垫块
- 各类工程机械高磨损部位衬块补强
- 矿山工程设备经济型耐磨改造配件
- Wear-resistant reinforcement by welding on worn parts of piling machines
- Load-bearing and buffer support pads underneath piling machines
- Lining reinforcement for high-wear areas of construction machinery
- Economical wear-resistant modification parts for mining engineering equipment

主要作用/ main function

- 设备耐磨防护：焊接于机体高磨损区域，抵御持续冲击摩擦，减缓机身损耗，防止机体磨损穿孔。
- 承压缓冲支撑：可垫设在设备底部，承担重压，缓冲作业震动与冲击力。
- 改造灵活便捷：方块结构适配性强，局部磨损可单独增补，无需大面积整体更换，有效控制使用成本。
- Equipment wear protection: Weld on high-wear areas to withstand continuous impact and friction, slow down abrasion and prevent perforation.
- Load-bearing buffer support: Can be placed under machinery to bear weight and buffer vibration and impact during operation.
- Flexible modification: Universal block structure. Locally worn sections can be supplemented separately, avoiding large-scale integral replacement and saving costs.

道夹板/ Road clamp

产品介绍/ Product Introduction

道夹板行业俗称鱼尾板，为原装退役轨道夹板，焊接性能优良，施焊便捷。可直接作为耐磨加固件焊接于挖斗易磨损位置，抵御砂石物料冲击研磨，耐磨耐用、不易开裂损坏。货源充足、价格实惠，是挖斗加固经济实用的耐磨配件。

The road clamp industry commonly known as fishtail plate is an original retired track clamp plate with excellent welding performance and convenient welding. It can be directly welded as a wear-resistant reinforcement to the easily worn position of the excavator bucket, resisting the impact and grinding of sand and gravel materials. It is wear-resistant, durable, and not easily cracked or damaged. Abundant supply and affordable price make it an economical and practical wear-resistant accessory for bucket reinforcement.



耐磨棒/ Wear-resistant rod

产品介绍/ Product Introduction

该产品为整体调质热处理耐磨棒，简称（磨棒，研磨棒），是棒磨机专属研磨介质，兼具高硬度、高韧性、低断棒率，专门替代普通圆钢，用于湿法/干式棒磨机物料研磨制砂、磨矿作业，也是目前砂石厂、矿山最主流的经济型耐磨磨棒。

This product is an integral quenched and tempered heat treated wear-resistant rod, abbreviated as (grinding rod, grinding rod). It is an exclusive grinding medium for rod mills, with high hardness, high toughness, and low rod breakage rate. It is specifically designed to replace ordinary round steel and is used for wet/dry rod mill material grinding, sand making, and mining operations. It is also currently the most mainstream economical wear-resistant grinding rod in sand and gravel factories and mines.



产品适配场景/ Product adaptation scenarios

