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NINGBO ZHEDONG PRECISION
CASTING CO., LTD

宁波浙东精密铸造有限公司

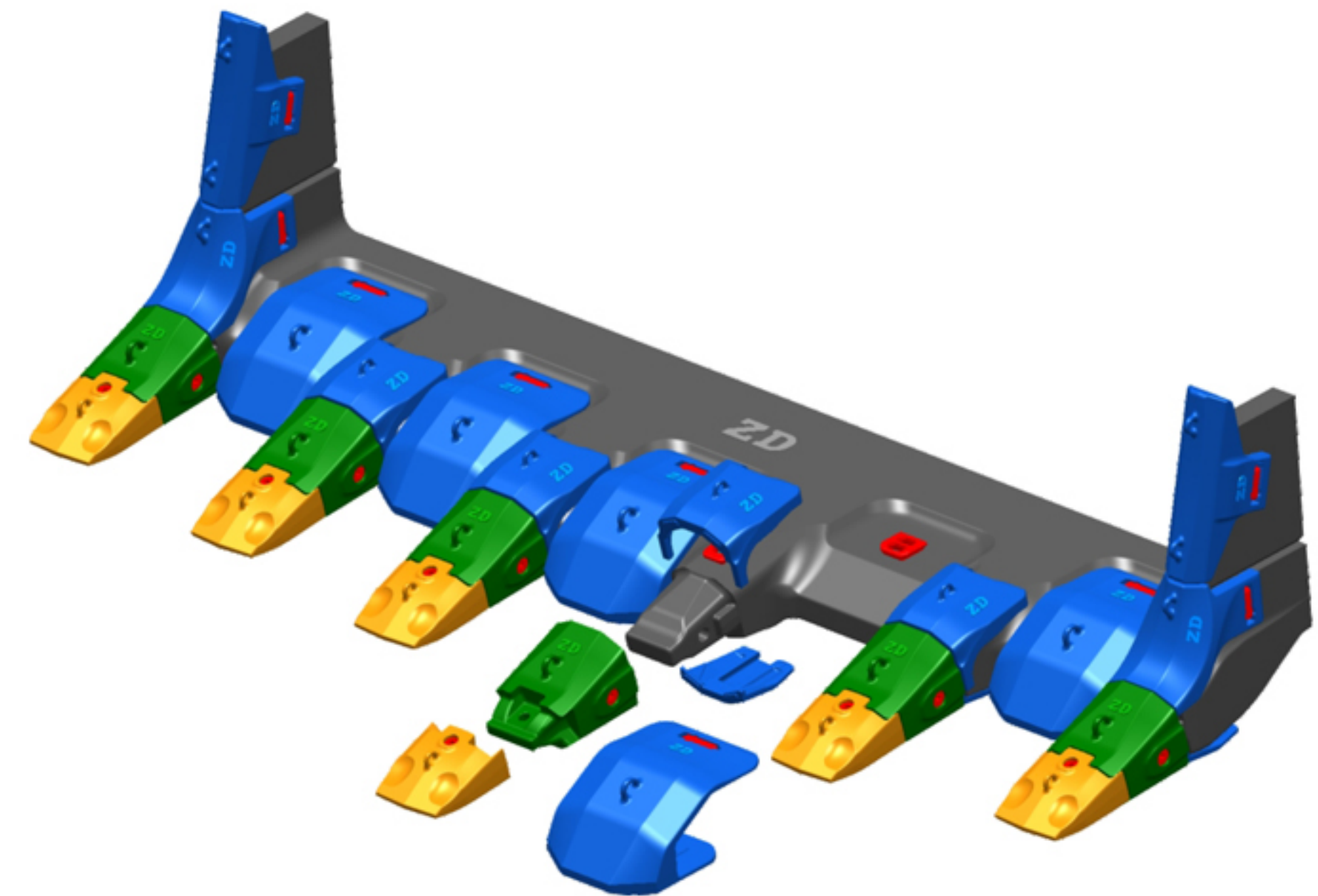


NINGBO HOPESUN NEW
MATERIAL CO., LTD

宁波禾顺新材料有限公司

CASTING

Construction And Mining Machinery Accessories



ZD

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宁波浙东精密铸造有限公司



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宁波禾顺新材料有限公司

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ZHEDONG CASTING

New Foundry 新工厂



简介

宁波禾顺新材料有限公司前身为宁波浙东精密铸造有限公司，成立于1995年8月，是一家具备研发、生产各种工程，矿用机械设备配套耐磨件能力的国家创新型试点企业，是斗齿国家标准制定者。公司主要产品为挖掘机、推土机、装载机，电铲，拉铲等重型机械配套的斗齿和底盘件两大类，产品包括斗齿、齿座、销子卡簧、铲齿、护齿、耐磨板、链条、履带板、驱动齿、支重轮、引导轮等，可满足市场不同机型的配套需求。2013年在距离原工厂5公里处投资建设新铸造工厂，总面积65000平方米，于2015年8月全面投产，设备与工艺均达到国际先进水平。目前，公司年产斗齿等耐磨件50000吨，四轮一带20000台套。

Company Profile

Ningbo Hopesun New Material Co., Ltd, of which the predecessor is Ningbo Zhedong Precision Casting Co., Ltd, is found in August, 1995. Our company is specialized in manufacturing wearing parts for construction and mining machines and we are the Tooth National Standard Maker. Our products are GET and Undercarriage Parts for excavators, bulldozers, loaders, shovels and draglines etc. including tooth, adaptor, pin&lock, folk tooth, shroud, end bit, half arrow, side cutter, track link, track shoe, sprocket, roller and idler etc. suitable for different machines in the domestic and abroad market. We invest a new foundry in 2013, which is 5 km far from the main one and has total 65000 sqm area. The new foundry started to produce in Aug. 2015 with advanced facilities. The annual capacity is 50000 tons GET parts and 20000 sets of undercarriage parts.

1 Production equipment 生产设备



2 Testing equipment 检测设备



Optical microscope
大型金相显微镜



Hydraulic universal tensile
strength machine
液压万能试验机



Micro hardness tester
显微硬度计



Low-temperature impact
testing instrument
低温冲击试验机



Flexible 3D measuring and laser
scanning system
三坐标柔性激光扫描测量系统



Spectrometer
直读光谱分析仪

Bucket Tooth Series 斗齿系列

RC-N 系列



1U3352RC-N EC360RC-N PC300RC-N 1U3452SK 1455-3244SK E161-3027SK

RP&PT 系列



4T2253PT 4T4703RP3 X450RP2

SK 系列



1U3452SK 1455-3244SK E161-3027SK

K 系列



1U3252K 1U3352K 1U3452K

R 系列



1U3352R 9W8452R S35R

SYL 系列



7T3402SYL 37SYL V51SYL

F 系列



6I6602F V51S10F X500F

VX 系列



1U3452VX 135-9800VX V69VX

TL 系列



4T4702TL-C 6I8802TL-B V51TLA

TT 系列



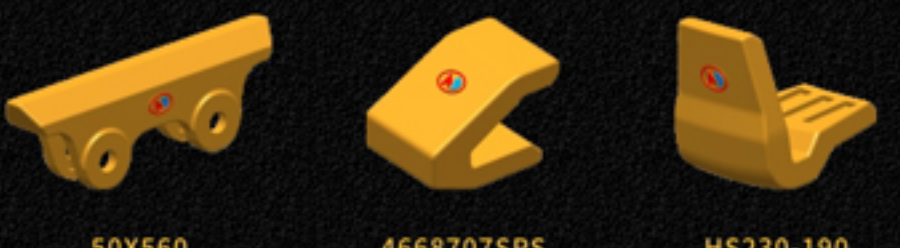
1U3352TT V43TVY X310TT

松土齿系列



4T5502NX 6Y3552-Z 9W4552

其他系列



50X560 4668707SPS HS230-190

Forging Tooth 锻造斗齿

RC-N 系列



V950RC-N EC480RC-N PC200RC-N PC300RC-N PC360RC-N PC400RC-N

TLZ 系列



1U3352RC-N 1U3452RC-N 2713Y1230RC-N 2713Y1217RC-N 4T5502TLZ-A 6Y3552TLZ-A

TLZ-A 系列

TLZ 系列



1U3452TLZ 4T4702TLZ 6I6602TLZ 6I8802TLZ 9W8552TLZ DH360TLZ

TLZ 系列



DH700TLZ EC360TLZ EC480TLZ PC400TLZ V950TLZ 71300032RCHB

RCHB 系列

RIPPER TOOTH 系列



4T5502Z 6Y3552D D12-D 198-78-21370 1U3352 19570

STANDARD 系列

TV 系列



6I8802TV 4T4702TV 6I6602TV V950TD DH700TD 6I8802TD

TD 系列

公司投资引进电弧炉，精炼炉，LF炉，VD真空脱气炉，树脂砂流水线等先进设备用于矿用产品，电铲、拉铲、大型挖掘机、推土机等配套的斗齿、齿座、护围、斗唇等，单件产品最大重量达15吨。

Zhedong invested to introduce the advanced equipment for mining parts, like ARC furnace, Refining furnace, LF furnace and VD vacuum degasser furnace etc. The parts include teeth, adapters, shroud, lips etc. for shovel, dragline excavator, other big excavators and bulldozers.

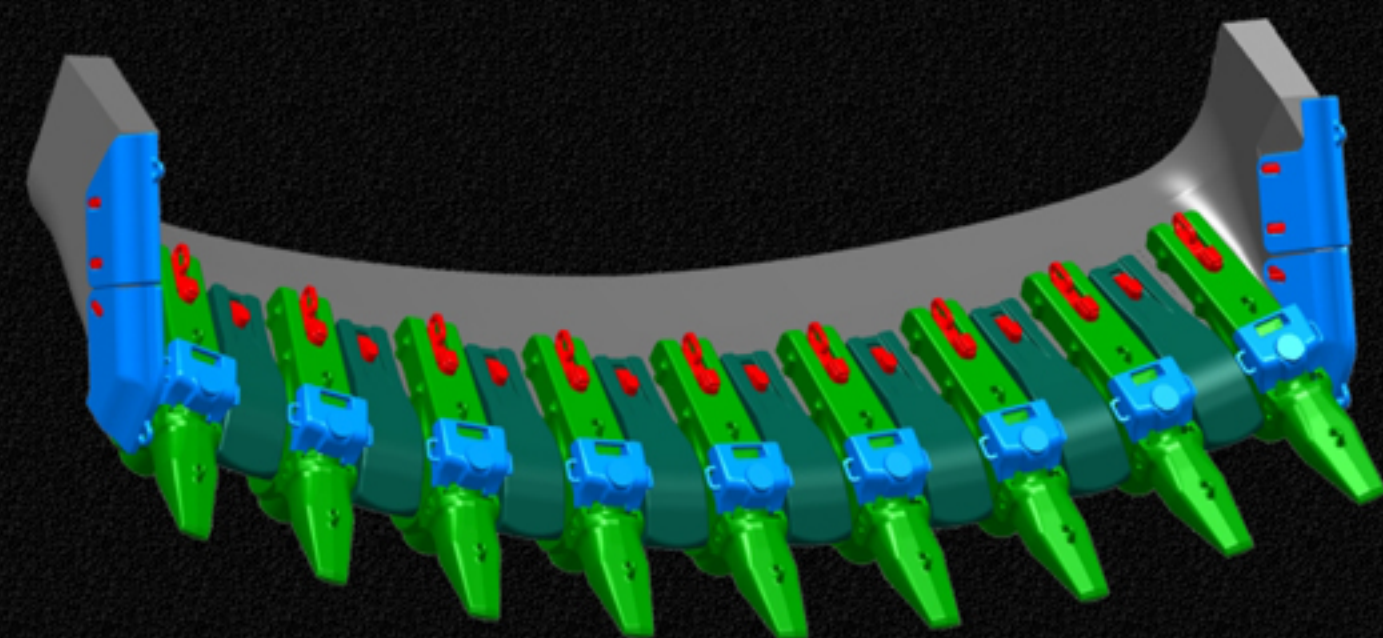
The biggest part has reached 15 tons.

Process 生产工艺

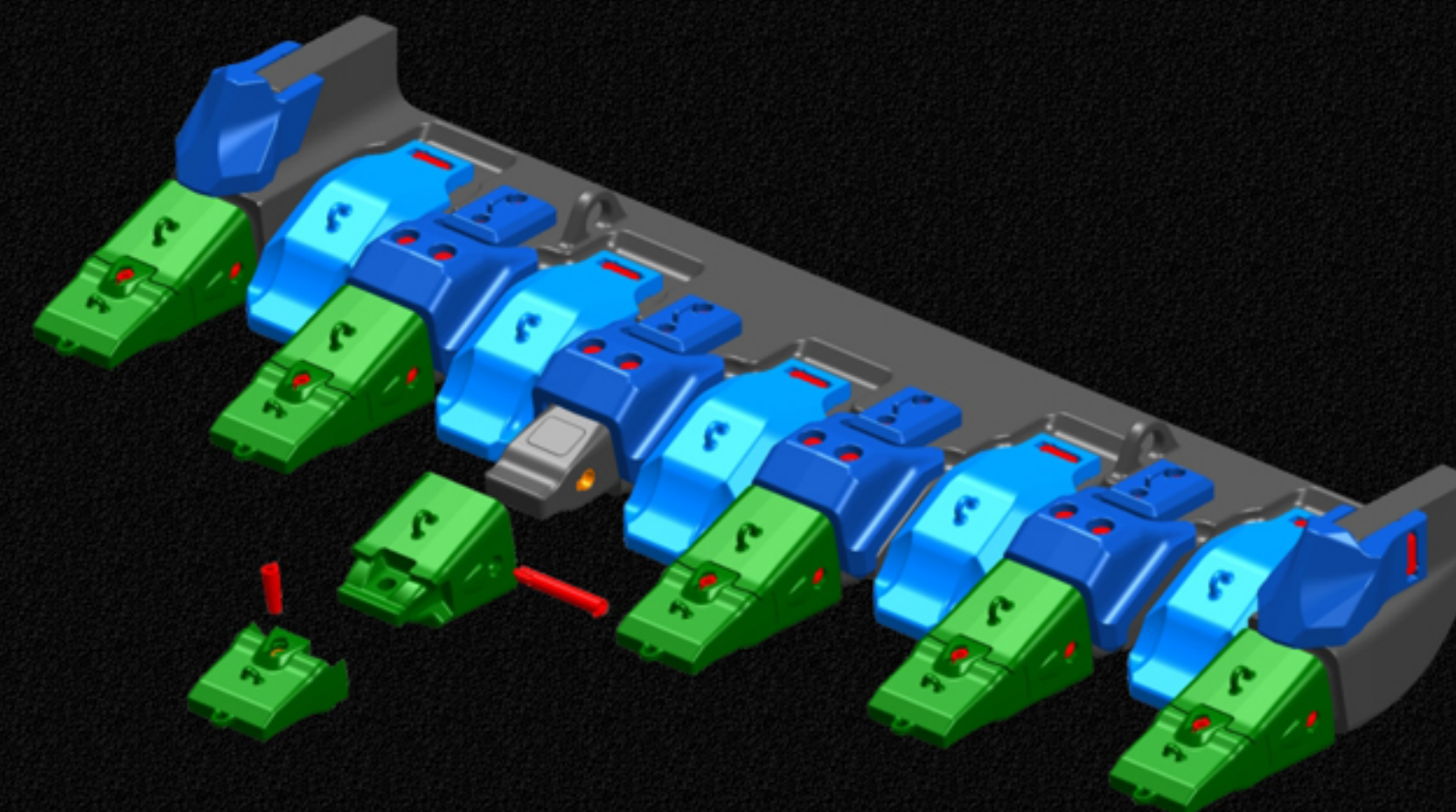
- 造型：采用树脂砂造型，可促使钢水迅速凝固细化晶粒；
Molding: using resin sand to make molds, which can make liquid steel cooling rapidly to refine grain.
- 冶炼：采用国际最先进的电弧炉冶炼+精炼炉精炼工艺，区别其他工厂使用中频炉熔化工序，去磷脱硫，脱氢、氧、氮和夹杂物，净化钢水，成分均匀，有效提升钢水质量，提高产品性能。
- Smelting: using advanced ARC furnace to smelt and Refining furnace to refine the liquid steel, comparing to heating steel in Induction furnace in other foundries, which can purify the liquid steel and has the function of dephosphorization, desulfuration, dehydrogenation, deoxygenation, denitrification and composition uniform. The high quality liquid steel improve the mechanical properties of parts.



Lip for bucket of excavator, shovel, dragline etc. 适用于大型挖机，电铲，拉铲等的斗唇。



Patented Hammerless Parts 专利免锤产品



Mining Parts 矿用产品



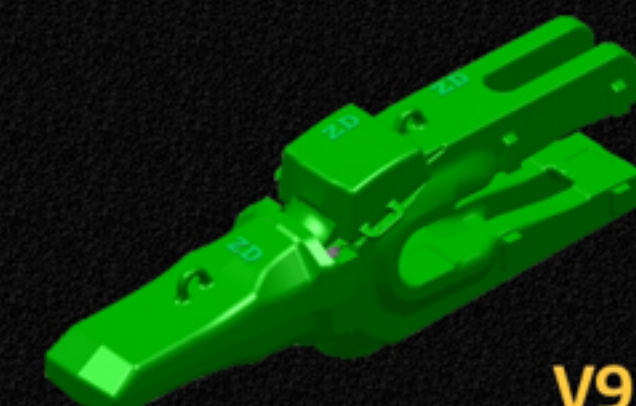
S95



V85SD



V81VX



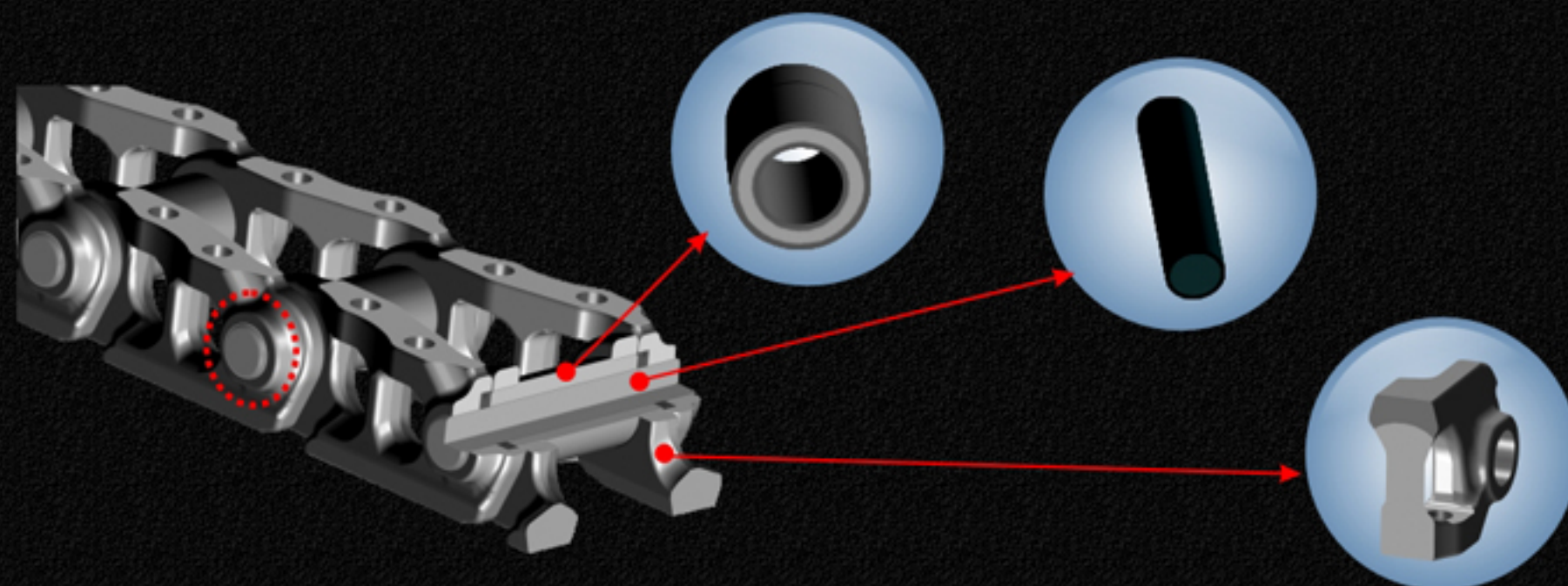
V91

Undercarriage Parts/Track Links 四轮一带 / 链轨 (履带)

节距为101.6-260mm的各种油脂式链条，适配于各类挖掘机、推土机和摊铺机等履带式机械设备。

使用优质钢材锻造的链轨节及销子、轴套经特殊热处理后，获得高表面硬度与深硬化层，耐磨性能卓越，使用寿命延长。

Track chains ranging link pitch from 101.6mm to 260mm, suitable for excavators, bulldozers and pavers and other track type machines. Forged links made of quality steel and pins&bushings with high surface hardness and deep hardened depth after special heat-treatment result in perfect wear resistance property and longer life.



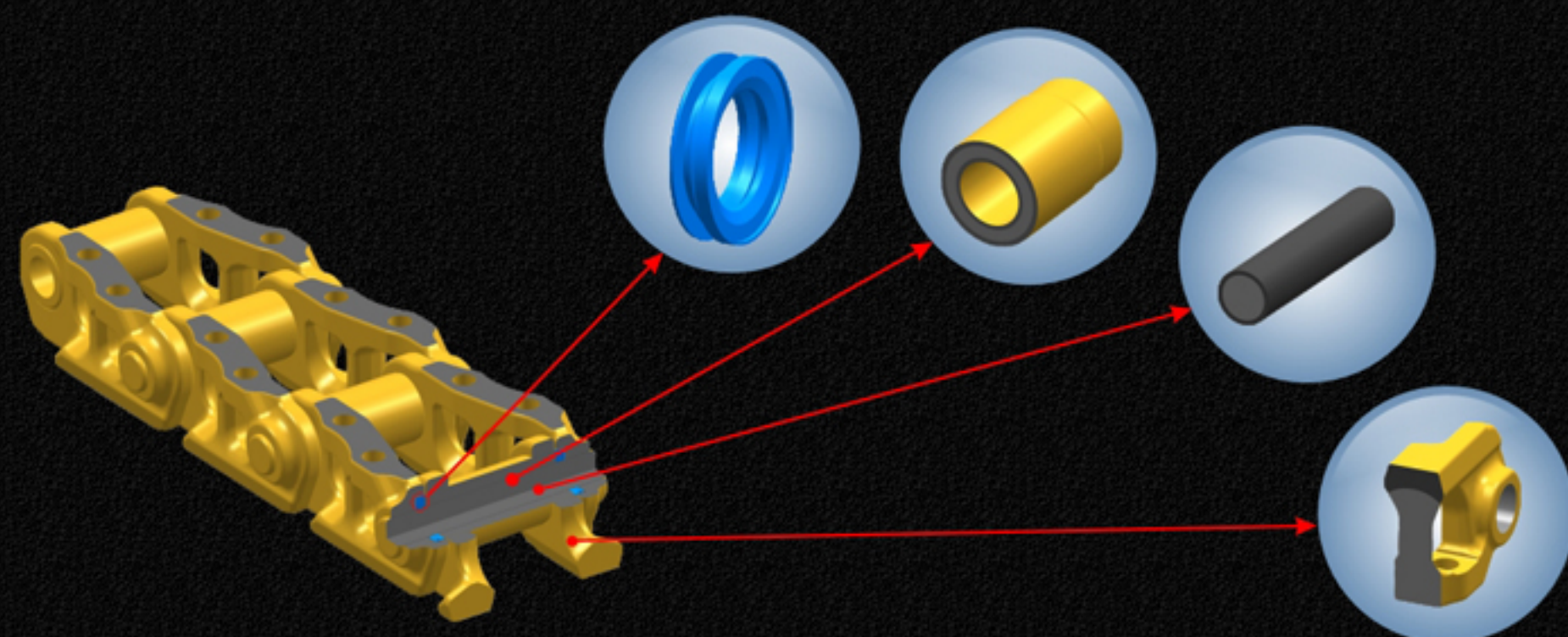
The Sealed track chains for bull-dozer 推土机密封式链条

节距为171-260的各式密封式链条，适配于各类推土机和其他履带式机械设备如卡特D4、D5、D6、D7、D8、D9、D10和小松D32、D65、D85、D155等。

使用优质钢材锻打的链轨节及销子、轴套经特殊热处理后，获得高表面硬度与深硬化层，耐磨性能卓越，使用寿命延长。

Track chains ranging link pitch from 171mm to 260mm, suitable for bull-dozer and other track type machines including CAT D4,D5,D6,D7,D8,D9,D10 and Komatsu D32,D65,D85,D155 etc.

Forged links made of quality steel and pin&bushings with high surface hardness and deep hardened depth after special heat-treatment result in perfect wear resistance property and longer life.

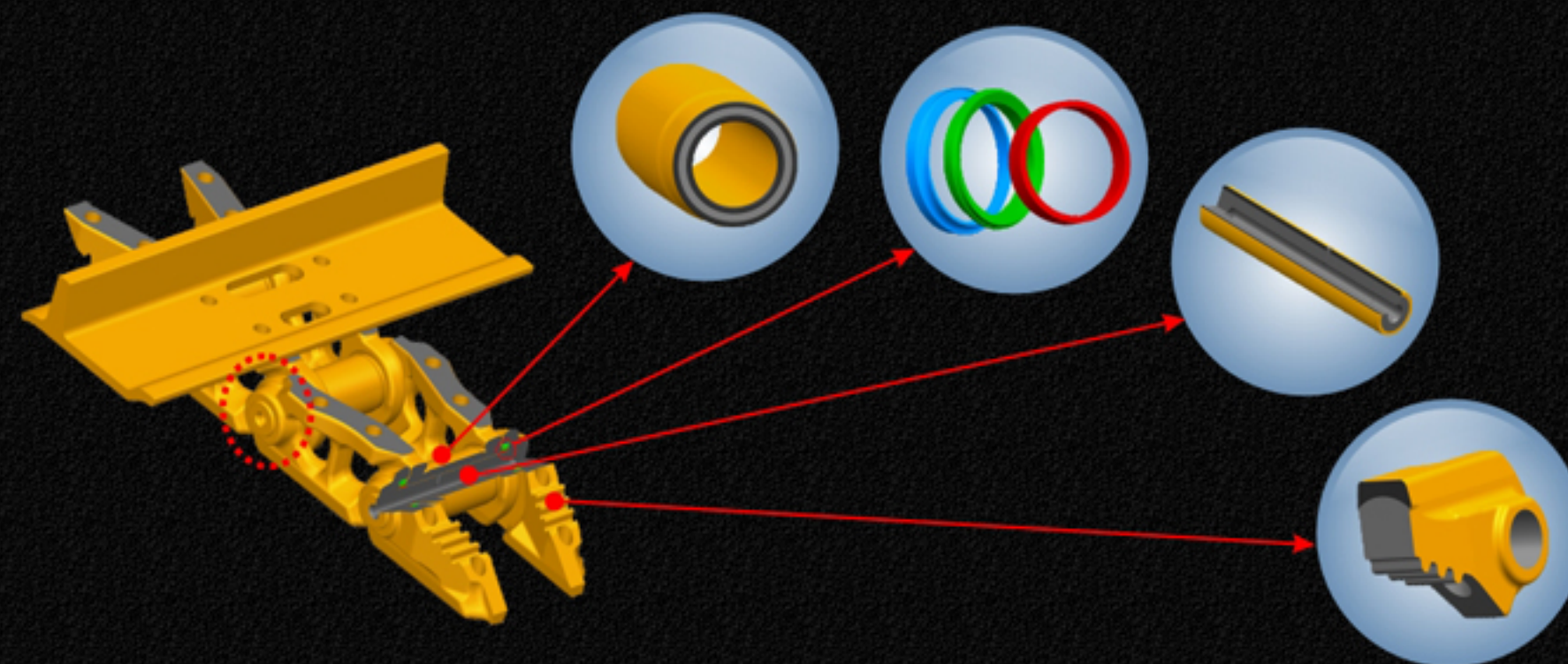


The lubricated chains 润滑式履带

节距为154-317的各种推土机润滑式履带，适配于卡特D4、D5、D6、D7、D8、D9、D10、D11和小松D32、D65、D85、D155、D275、D375、D475等推土机。

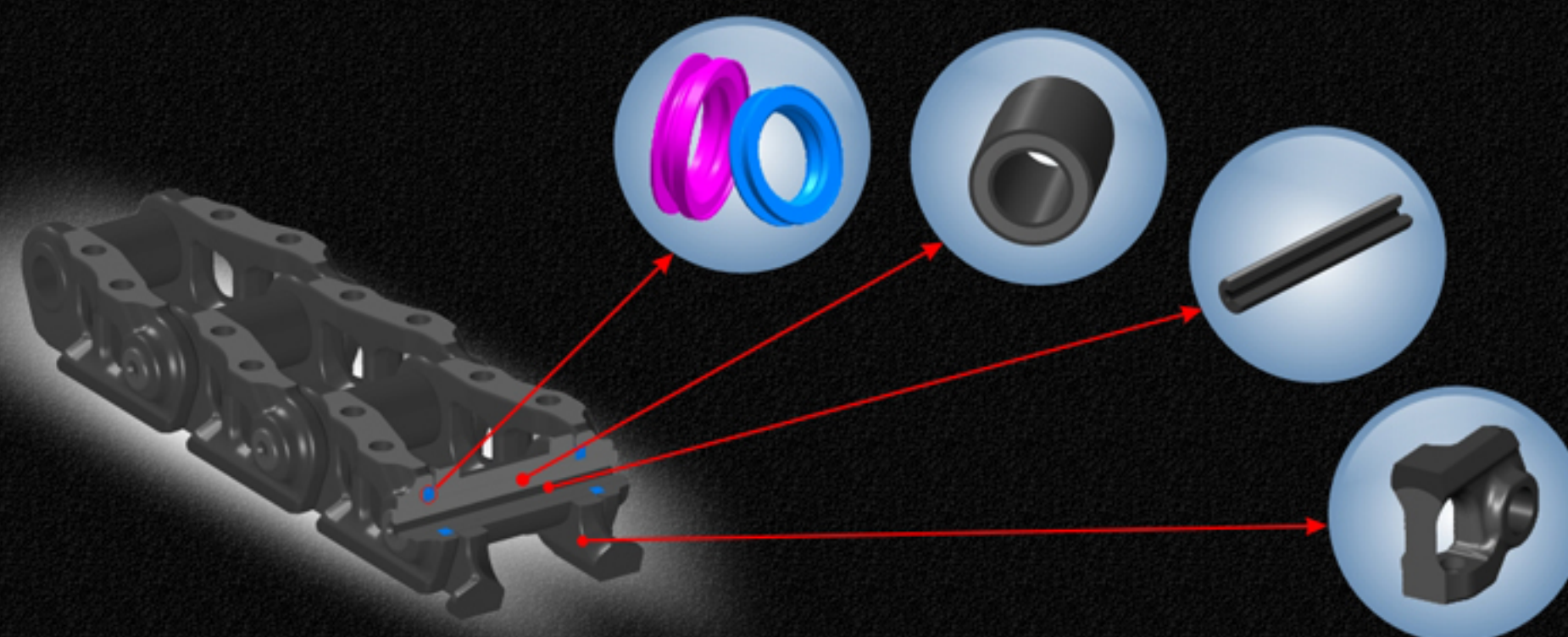
润滑式履带相较于密封式推土机履带具有油耗低，噪音小，无中期拉长问题等优点，使用寿命显著延长。

The lubricated chains ranging link pitch from 154mm to 317mm, suitable for bull dozers, which are CAT D4, D5, D6, D7, D8, D9, D10, D11 and Komatsu D32, D65, D85, D155, D275, D375, D475 etc. Comparing to sealed chains, the lubricated chains have much better performance in fuel consumption and noise reduction and prevent the lengthening of links in use. The use life of lubricated chains can be at least 50% more than the sealed ones.



节距为171-260mm的各种挖掘机润滑式履带，适配于机型为15吨，20吨，30吨，40吨，60吨等各类挖掘机。相较于油脂式履带，挖掘机用的润滑式履带具有更好的抗压、润滑、降温、降噪等作用，使用寿命显著延长。

The excavator lubricated chains ranging link pitch from 171mm to 260mm, suitable for various excavators of 15tons, 20tons, 30tons, 40tons, 60tons, etc. Comparing to the grease-type track chains, the lubricated chains used for excavators have much better performance in compression resistance, lubrication, temperature reduction and noise reduction. The use life of lubricated chains is extended significantly.



Undercarriage Parts/Idlers 四轮一带 / 引导轮



我司生产适配70吨，90吨，120吨，150吨，200吨，300吨，400吨，500吨，600吨，700吨等挖掘机的土方挖斗及岩石挖斗，可满足国内外市场不同品牌的需求。同时，我司生产斗容为10至75立方米的重载矿用挖掘机的电铲，可满足国内外市场不同品牌的需求。

For excavator buckets including standard type and Rock type, with bucket capacities of 70t, 90t, 120t, 150t, 200t, 300t, 400t, 500t, 600t and 700t etc., which can meet the demand of different brands in domestic and foreign markets.

For heavy equipment such as mining shovels, with bucket capacities ranging from 10 to 75 cubic meters, which can meet the needs of different brands in domestic and foreign markets.

适用场合 Application:

土方斗：一般用于黏土的挖掘和沙、土、砾石的装载等轻作业场合

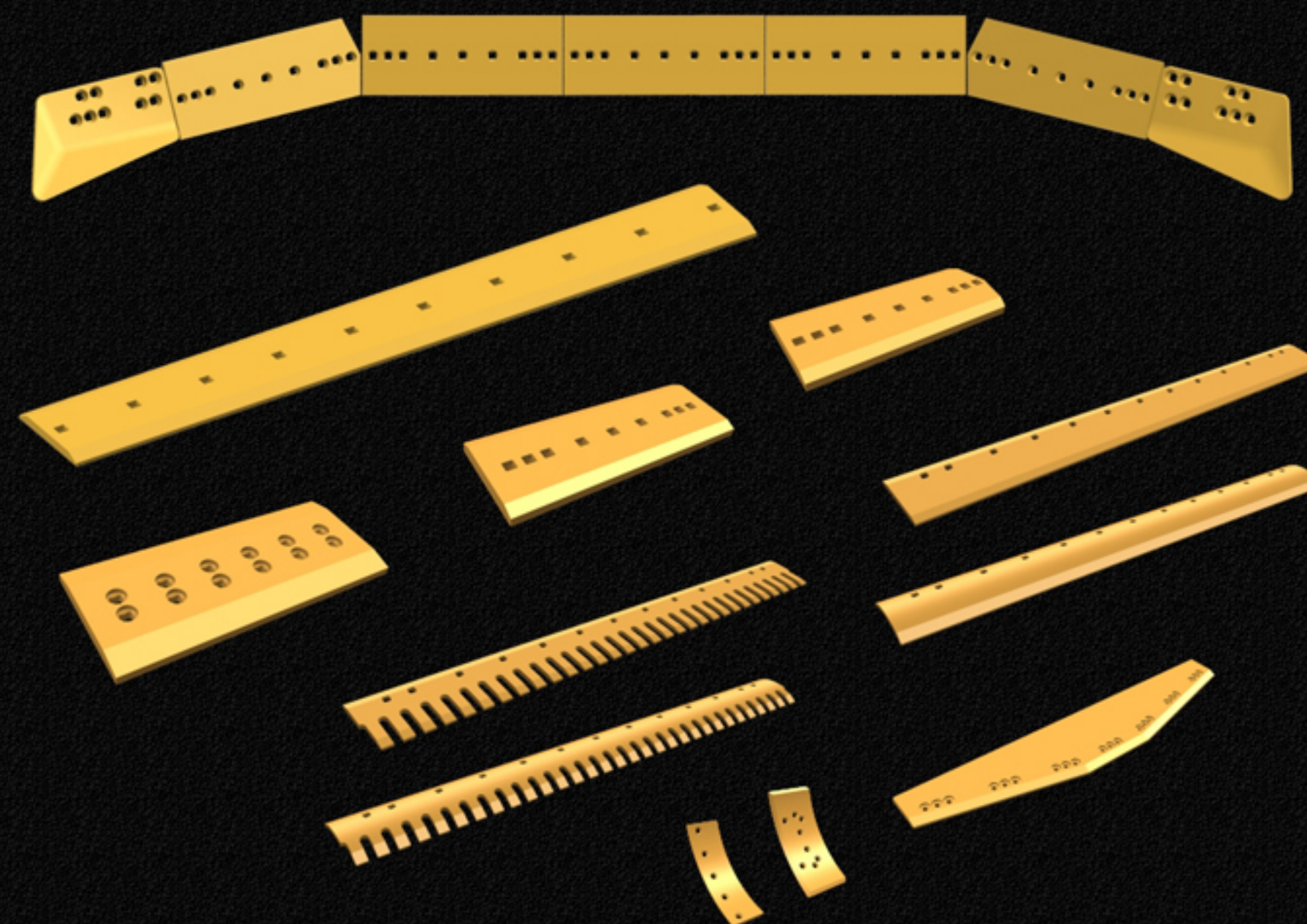
Standard Bucket: generally used for clay excavation and other light work occasions such as sand, soil, gravel loading etc.

岩石斗：一般用于土中混有较硬石块，次坚石，风化石的挖掘；坚石、爆破后的矿石的装载，剥离等作业。

Rock Bucket: generally used for excavation of hard stones, sub-hard stones and wind fossils mixed with soil; or loading and stripping of hard stone and ore after blasting.

Product series 产品系列

Rolled Steel Blades/End Bits/Grader Blades and Cutting Edges 刀片、刀角、刀板



HARDFACING PARTS 堆焊产品

