



株洲东亚工具有限公司

**ZHUZHOU
DONGYA
TOOL CO., LTD**



中国·湖南·株洲
Zhuzhou, Hunan, China

质量第一 用户至上

QUALITY FIRST CUSTOMER HIGHEST



我们的实力 OUR STRENGTH

快速把握世界先进的业内资讯，以市场需求为导向

引进国内一流的名牌产品，具备强大的经营实力和严格的售后体系。

RAPIDLY HANDLE THE ADVANCED INFORMATION OF TUNGSTEN CARBIDE IN THE WORLD

我们的服务 OUR SERVICE

关注客户，关注消费者，创建绿色家园

我们以人为本，持续改进完善

追求卓越品质，满足竞争要求。

FOCUS THE CUSTOMER, FOCUS THE CONSUMER, ESTABLISH ENVIRONMENTAL HOME

BASE ON THE PEOPLE OF ABILITY, WE KEEP IMPROVING

PURSUIT OF SUPERIOR QUALITY, TO MEET THE REQUIREMENTS OF COMPETITION

我们的信念 OUR BELIEF

做强势品牌，办一流企业，创一流产品

力量来自信念，信心源自实力。

ESTABLISH A STRONG BRAND, A FIRST CLASS FIRM, A EXCELLENT PRODUCT WITH SUPERIOR QUALITY,

OUR STRENGTH COME FROM THE BELIEF, OUR CONFIDENCE COME FROM THE STRENGTH.

我们的精神 OUR SPIRIT

生命不息，奋斗不止

竞争洪潮，百舸争流，唯自强不息勇于进取者方能致胜

让我们携手共创新的辉煌。

NON-STOP LIFE WITH NON-STOP IMPROVEMENT

AS THE COMPETITION GOES FIERCELY, THE ONLY WAY TO SUCCESS IS KEEP IMPROVING

LET US CREATE A NEW GLORY

目录

CONTENTS

公司简介 COMPANY PROFILE	01
公司荣誉 COMPANY HONOR	02
技术交流与联盟 TECHNICAL COMMUNICATION AND ALLIANCE	03
品质基础 QUALITY BASEMENT	04
质量保证 QUALITY INSURANCE	05/06
先进装备 ADVANCED EQUIPMENT	07/08
主导产品 MAJOR PRODUCTS	09
营销网络 MARKETING NETWORK	20



公司简介

COMPANY PROFILE

株洲东亚工具有限公司是由株洲湘发工具有限公司与巴西 BIG AMERICAN 公司合资成立，一家集硬质合金及硬质合金工具的研发、生产、销售为一体的高科技股份制外商投资企业。公司座落于中国硬质合金生产基地——株洲渌口经济开发区，引进了当今世界先进的压力烧结炉、冷等静压、自动压力机、后续内应力消除处理系统等生产装备及齐备的质量控制、检测装备，采用科学先进的生产制作工艺，保证产品质量及其稳定性，其中 BIG AMERICAN 系列产品由 BIG AMERICAN 公司全程进行监制。

公司拥有自主研发、生产基地——东亚工业园，占地15000平方米，厂房面积10000平方米，主要生产各种硬质合金制品及工具，其中硬质合金模具材料、硬质合金木工刀具、硬质合金圆棒及建筑、地矿用合金钻头、眼镜板、切割环等重型机械配件在全国已处于领先地位，产品已远销欧、美及其它海外地区，并建立了良好的合作关系。

公司一贯坚持“科技为本、精益求精、顾客至上、竭诚服务”的质量方针，加强内部管理，严格控制产品质量。

公司十分注意环境保护，坚持“防治污染、预防为先、综合利用、节约资源、7S管理、和谐发展”的环境方针，以实现人与自然的和谐发展。

公司已顺利通过ISO9001质量体系 and ISO14001环境体系的国际认证。

我们真诚感谢新老客户多年来对东亚的信赖和支持。

与东亚的合作，是您无悔的选择！

ZHUZHOU DONGYA TOOL CO.,LTD is a joint-stock company found by ZHUZHOU XIANGFA TOOL CO.,LTD and BRAZIL BIG AMERICAN, which is a high-tech foreign-invested enterprise combines the R&D, manufacture with sale of cemented carbide and cemented carbide tools. ZHUZHOU DONGYA TOOL CO.,LTD is located in china cemented carbide base--Zhuzhou lukou Economic Development Zone, introduced in the world advanced production equipment such as pressure sintering furnace, isostatic cool pressing ,automatic pressing machines ,subsequent inner stress relieving processing system and so on. We owns complete quality control and check-out equipment. ZHUZHOU DONGYA TOOL CO.,LTD adopt scientific and advanced manufacture technique to ensure its quality and stability. The BIG AMERICAN company supervises the manufacture of the series of BIG AMERICAN products.

We have our own research and development and production base DONGYA industrial park. The park occupies an area of 15000 square meters with a factory building area of 10000 square meters. The company mainly manufactures cemented carbide products and tools, among which, woodworking tools ,rods and drill bit for mineral usage ,heavy duty mechanic accessories such as wear plate,cutting ring.takes the lead in carbide industry, the products won high satisfaction from the customers in United States, Europe and all over the world.

The company persistently adheres to its specialization quality principle of "SCIENCE AND TECHNOLOGY AS ROOT, KEEP IMPROVING ,CUSTOMERS SUPREME, SINCERELY AND FIRST-RATE SERVICES", strengthening its internal management and strictly controlling the quality of its products.

The company attaches much importance to environmental protection, it sticks to an environmental policy of "PREVENTING AND CONTROL POLLUTION, PUTTING PREVENTION FIRST, COMPREHENSIVE UTILIZATION, ECONIMIZING RESOURCES, 7S MANAGEMENT, HARMONIOUS DEVELOPMENT", achieving a harmonious development between mankind and nature.

The company was awarded certificaes of ISO9001 and ISO14001.

The company highly appreciates the trust and support of its old and new customers for a long time.

It will be your most optimal choice to cooperate with ZHUZHOU DONGYA TOOL CO.,LTD.





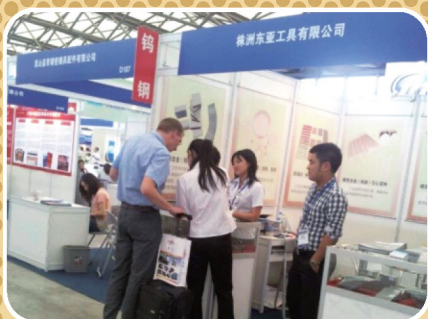
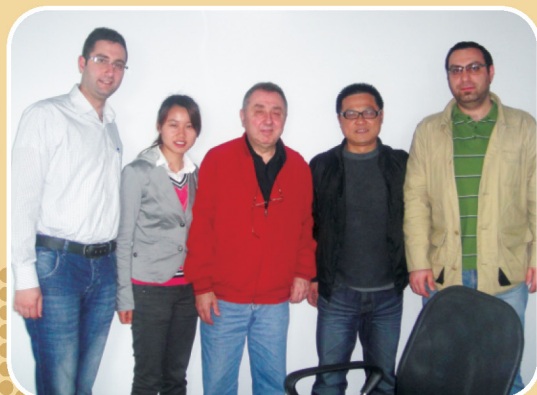
株洲东亚工具有限公司
ZHUSHOU DONGYA TOOL CO., LTD

公司荣誉 COMPANY HONOR



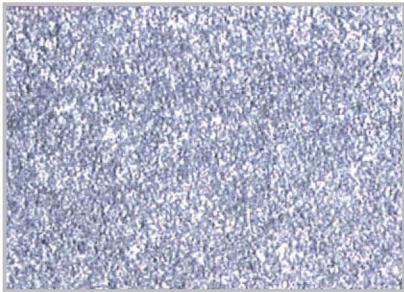
技术交流与联盟

TECHNICAL COMMUNICATION AND ALLIANCE

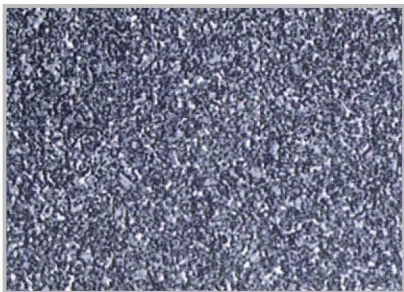




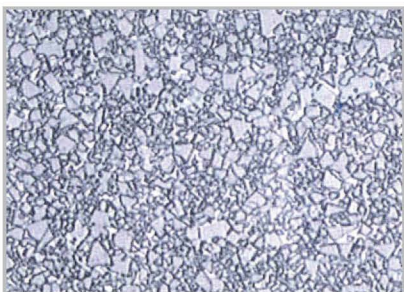
品质基础 QUALITY BASEMENT



亚微粒材质



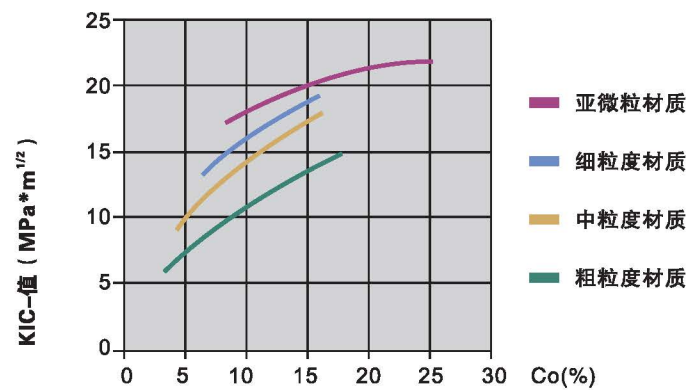
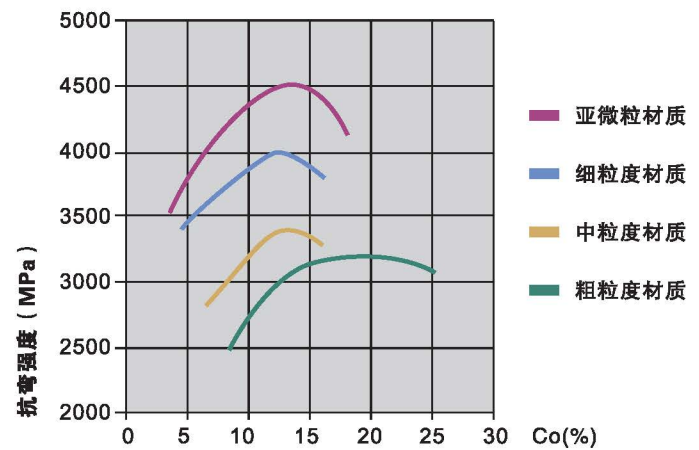
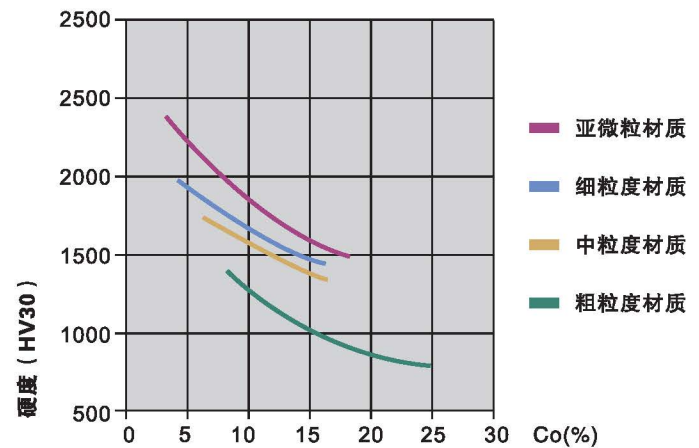
细粒度材质



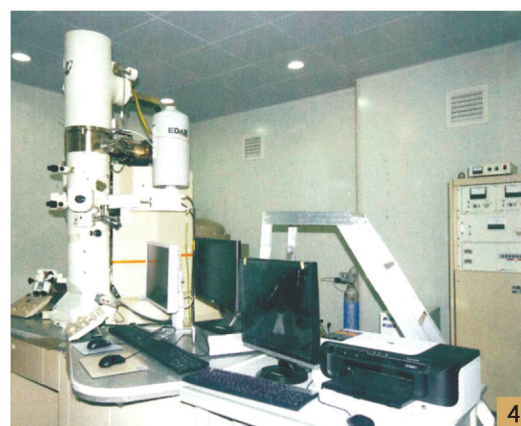
中粒度材质



粗粒度材质



质量保证 QUALITY INSURANCE



1. 钴磁分析仪 COLBALT MAGNETIC ANALYSIS
2. 金相分析仪 METALLOGRAPHIC ANALYSIS
3. 化学分析仪 CHEMICAL ANALYSIS
4. 透射电镜 TRANSMISSION ELECTRON MICROSCOPY
5. 等离子光谱仪 PLASMA SPECTRUM



- 6. 超声波探伤仪 ULTRASONIC SCANNING EQUIPMENT
- 7. 扫描电镜 SCANNING ELECTRON MICROSCOPE
- 8. X射线衍射仪 X-RAY DIFFRACTOMETER
- 9. 硬度分析仪 HARDNESS TESTER
- 10. 粒度分析仪 GRAIN SIZE ANALYSIS
- 11. 万能试验机 UNIVERSAL TESTING MACHINE

先进装备

ADVANCED EQUIPMENT



1. 压力烧结炉
VACUUM PRESSURIZATION SINTERING FURNACE

2. 超深冷处理机
CRYOGENIC TREATMENT MACHINE

3. TPA压力机
TPA PRESSING MACHINE



4. 喷雾干燥塔
SPRAY DRYING TOWER

5. 冷热双室真空炉
HOT AND COLD DOUBLE
VACUUM FURNACE

6. 冷等静压机
ISOSTATIC COOL
PRESSING MACHINE

7. 大吨位压力机
HYDROLIC PRESSING
MACHINE

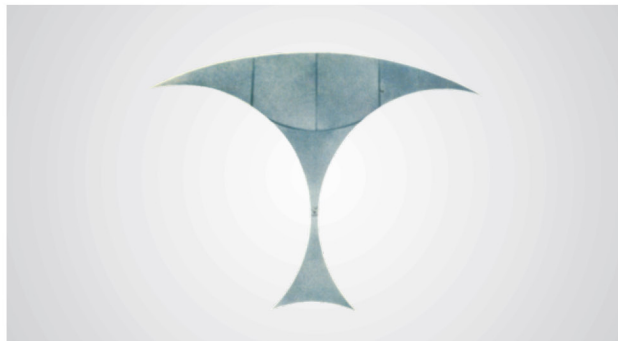


大美洲 高性能硬质合金系列

BIG AMERICAN HIGH PERFORMANCE TUNGSTEN CARBIDE SERIES

眼镜板硬质合金

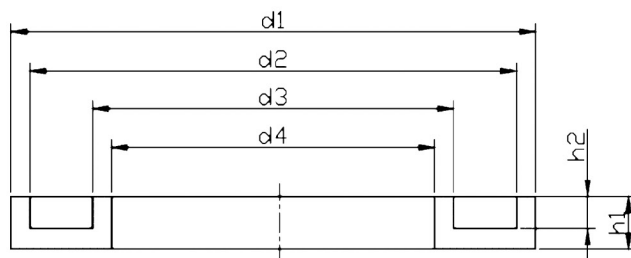
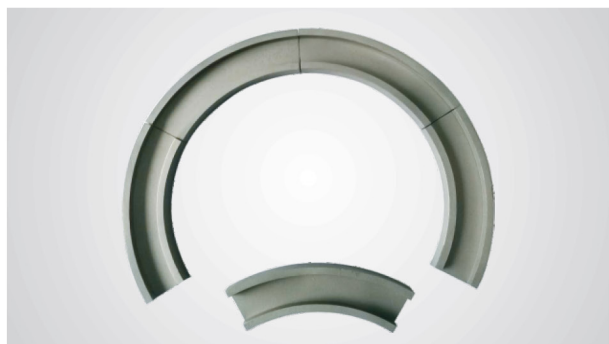
Wear plates carbide



合金组合 Tungsten carbide group

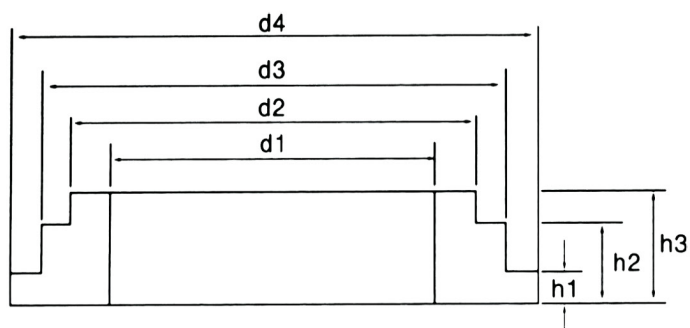
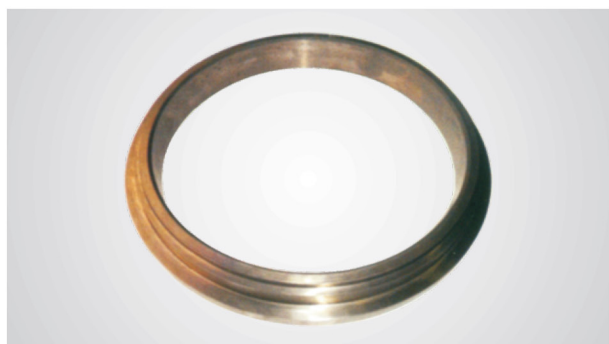
"U"环型硬质合金型号 (切割环专用)

"U" annular cemented carbide type (cutting ring only)



整体"七"字环硬质合金型号

The whole "seven" words ring hard alloy models





硬质合金质量执行标准

Quality Standard Of Cemented Carbide

F25

牌号 (Grade)	F25				
一 (One)	物理性能标准 (Physical Properties)				
科目 (Item)	密度 (Density) (g/cm ³)	硬度 (Hardness) (HRA)	抗弯强度 (Bending Strength) (N/mm ²)	晶粒度 (Grain size) (um)	冲击值 (Kgf-m/cm ²)
标准 (Standard)	12.70~13.0	86.0~87.0	≥2950	1.2~2.0	≥2.50
科目 (Item)	粘结相 (Co) (%)	矫顽磁力HC (Coercive Force) (KA/M)	压缩强度 (Compressive Strength) (kgf/mm2)	热膨胀系数 (Thermal Expansion Coefficient) (cdl/cm csec)	热传导率 (Thermal Conductivity) (cdl/cm csec)
标准 (Standard)	24	11.0~16.0	460	15.7	0.37
二 (Two)	产品金相要求 (Metallurgical Phase)				
A02 B00 C00 E00					

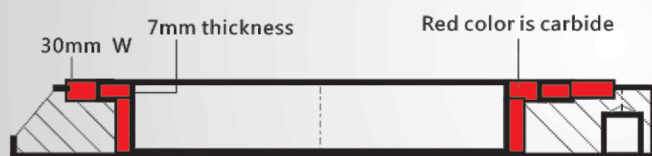
F20

牌号 (Grade)	F20				
一 (One)	物理性能标准 (Physical Properties)				
科目 (Item)	密度 (Density) (g/cm ³)	硬度 (Hardness) (HRA)	抗弯强度 (Bending Strength) (N/mm ²)	晶粒度 (Grain size) (um)	冲击值 (Impact Toughness) (Kgf-m/cm ²)
标准 (Standard)	14.10~14.30	91.0~92.0	≥4150	0.6~1.0	≥0.50
科目 (Item)	粘结相 (Co) (%)	矫顽磁力HC (Coercive Force) (KA/M)	压缩强度 (Compressive Strength) (kgf/mm2)	热膨胀系数 (Thermal Expansion Coefficient) (cdl/cm csec)	热传导率 (Thermal Conductivity) (cdl/cm csec)
标准 (Standard)	12.5	11.0~16.0	460	5.7	0.17
二 (Two)	产品金相要求 (Metallurgical Phase)				
A02 B00 C00 E00					

品质等级分类

Classification of quality level

DYH



材质
(Material)

(板) Wear plate:Q235w/tungsten carbide, (环) Wear ring:forged w/tungsten carbide

寿命
(Life Time)

(板) Wear plate>120K cube, (环) Wear ring>60K cube.(By C30 concrete)

DYL



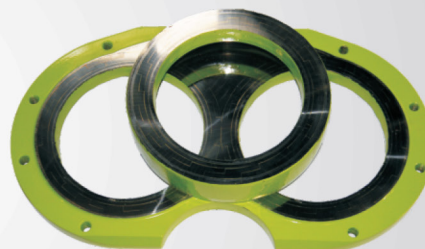
材质
(Material)

(板) Wear plateQ235w/tungsten carbide, (环) Wear ring:forged w/tungsten carbide

寿命
(Life Time)

(板) Wear plate>100K cube, (环) Wear ring>50K cube.(By C30 concrete)

DYG



材质
(Material)

(板) Wear plate:Q235w/tungsten carbide, (环) Wear ring:forged w/tungsten carbide

寿命
(Life Time)

(板) Wear plate>70K cube, (环) Wear ring>35K cube.(By C30 concrete)



DYC



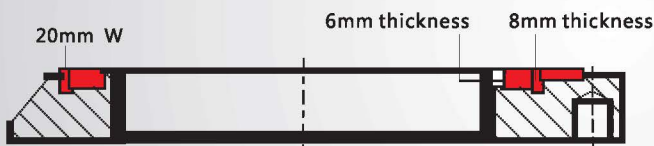
材质
(Material)

(板) Wear plate:Q235w/tungsten carbide, (环) Wear ring:forged w/tungsten carbide

寿命
(Life Time)

(板) Wear plate>50K cube, (环) Wear ring>25K cube.(By C30 concrete)

DYD



材质
(Material)

(板) Wear plateQ235w/tungsten carbide, (环) Wear ring:forged w/tungsten carbide

寿命
(Life Time)

(板) Wear plate>40K cube, (环) Wear ring>20K cube.(By C30 concrete)

DYE



材质
(Material)

(板) Wear plate:Q235w/tungsten carbide, (环) Wear ring:forged w/tungsten carbide

寿命
(Life Time)

(板) Wear plate>32K cube, (环) Wear ring>16K cube.(By C30 concrete)



大美洲 品牌板环

BIG AMERICAN BRAND PLATE RING

三一眼镜板切割环

Sany Concrete Pump Spectacle Wear Plate & Cutting Ring



型号 (Type)	DN180,DN200,DN230,DN260, 堆焊, 全合金, “L”型合金, 双层合金环, 双层合金, 普通合金。 DN180,DN200,DN230,DN260, Wear-resistant castings; Whole tungsten carbide; “L” Shape tungsten carbide; Double tungsten carbide ring; Double tungsten carbide; Tungsten carbide.		
材质 (Material)	碳钨钢材质, Q235B母板, 使用德国进口V-150焊条。 Tungsten carbide, Q235B steel; VAUTID-150 electrode imported from Germany.		
使用寿命 (Lifetime)	3万方-6万方, 根据眼镜板环使用类型不同, 使用寿命有所不同。 30000~60000cbm based on different type.		
耐磨焊硬度 (HRC)	≥ 63°	抗弯强度 (Tensile strength)	>2500N/mm ²

中联眼镜板切割环

Zoomlion Concrete Pump Spectacle Wear Plate & Cutting Ring

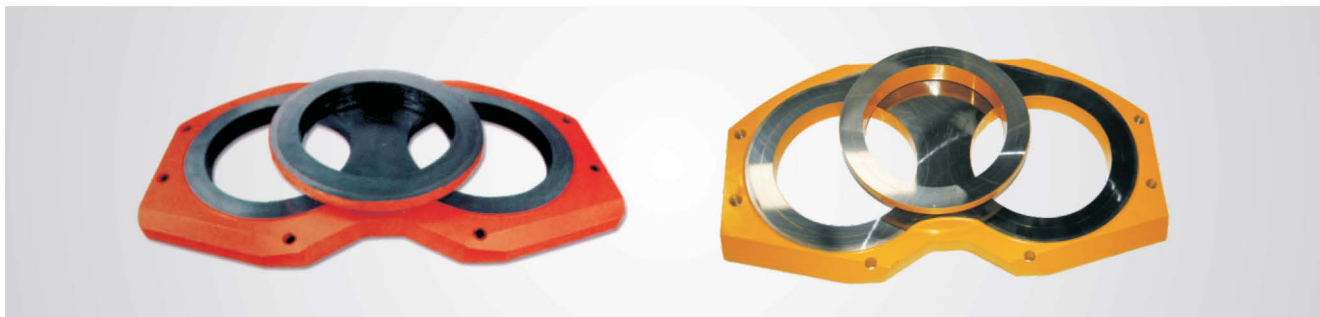


型号 (Type)	DN180,DN200,DN220,DN230,DN235,DN260, 堆焊, 全合金, “L”型合金, 双层合金环, 双层合金, 普通合金。 DN180,DN200,DN220,DN230,DN235,DN260, Wear-resistant castings; Whole tungsten carbide; “L” Shape tungsten carbide; Double tungsten carbide ring; Double tungsten carbide; Tungsten carbide.		
材质 (Material)	碳钨钢材质, Q235B母板, 使用德国进口V-150焊条。 Tungsten carbide, Q235B steel; VAUTID-150 electrode imported from Germany.		
使用寿命 (Lifetime)	3万方-6万方, 根据眼镜板环使用类型不同, 使用寿命有所不同。 30000~60000cbm based on different type.		
耐磨焊硬度 (HRC)	≥ 63°	抗弯强度 (Tensile strength)	>2500N/mm ²



大象眼镜板切割环

Putzmeister Concrete Pump Spectacle Wear Plate & Cutting Ring



型号 (Type)	DN200,DN230,DN250, 堆焊, 全合金, “L” 型合金, 双层合金环, 双层合金, 普通合金。 DN200,DN230,DN250, Wear-resistant castings; Whole tungsten carbide; “L” Shape tungsten carbide; Double tungsten carbide ring; Double tungsten carbide; Tungsten carbide.		
材质 (Material)	碳钨钢材质, Q235B母板, 使用德国进口V-150焊条。 Tungsten carbide, Q235B steel; VAUTID-150 electrode imported from Germany.		
使用寿命 (Lifetime)	3万方-6万方, 根据眼镜板环使用类型不同, 使用寿命有所不同。 30000~60000cbm based on different type.		
耐磨焊硬度 (HRC)	≥ 63°	抗弯强度 (Tensile strength)	>2500N/mm ²

施维英眼镜板切割环

Schwing Concrete Pump Spectacle Wear Plate & Cutting Ring



型号 (Type)	DN200,DN230,DN250, 堆焊, 全合金, “L” 型合金, 双层合金环, 双层合金, 普通合金。 DN200,DN230,DN250, Wear-resistant castings; Whole tungsten carbide; “L” Shape tungsten carbide; Double tungsten carbide ring; Double tungsten carbide; Tungsten carbide.		
材质 (Material)	碳钨钢材质, Q235B母板, 使用德国进口V-150焊条。 Tungsten carbide, Q235B steel; VAUTID-150 electrode imported from Germany.		
使用寿命 (Lifetime)	3万方-6万方, 根据眼镜板环使用类型不同, 使用寿命有所不同。 30000~60000cbm based on different type.		
耐磨焊硬度 (HRC)	≥ 63°	抗弯强度 (Tensile strength)	>2500N/mm ²

极东眼镜板切割环

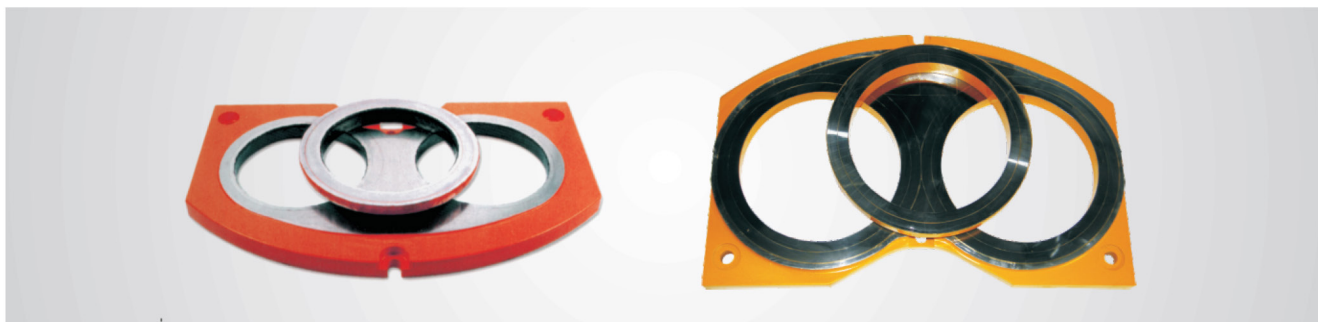
Kyokuto Concrete Pump Spectacle Wear Plate & Cutting Ring



型号 (Type)	DN205,DN225, 堆焊, 全合金, “L” 型合金, 双层合金环, 双层合金, 普通合金。 DN205,DN225, Wear-resistant castings; Whole tungsten carbide; “L” Shape tungsten carbide; Double tungsten carbide ring; Double tungsten carbide; Tungsten carbide.		
材质 (Material)	碳钨钢材质, Q235B母板, 使用德国进口V-150焊条。 Tungsten carbide, Q235B steel; VAUTID-150 electrode imported from Germany.		
使用寿命 (Lifetime)	3万方-6万方, 根据眼镜板环使用类型不同, 使用寿命有所不同。 30000~60000cbm based on different type.		
耐磨焊硬度 (HRC)	≥ 63°	抗弯强度 (Tensile strength)	>2500N/mm ²

CIFA 眼镜切割环

Cifa Concrete Pump Spectacle Wear Plate & Cutting Ring



型号 (Type)	DN180,DN200,DN230, 堆焊, 全合金, “L” 型合金, 双层合金环, 双层合金, 普通合金。 DN180,DN200,DN230, Wear-resistant castings; Whole tungsten carbide; “L” Shape tungsten carbide; Double tungsten carbide ring; Double tungsten carbide; Tungsten carbide.		
材质 (Material)	碳钨钢材质, Q235B母板, 使用德国进口V-150焊条。 Tungsten carbide, Q235B steel; VAUTID-150 electrode imported from Germany.		
使用寿命 (Lifetime)	3万方-6万方, 根据眼镜板环使用类型不同, 使用寿命有所不同。 30000~60000cbm based on different type.		
耐磨焊硬度 (HRC)	≥ 63°	抗弯强度 (Tensile strength)	>2500N/mm ²



新泻眼镜板切割环

Niigata Concrete Pump Spectacle Wear Plate & Cutting Ring



型号 (Type)	DN190,DN210, 堆焊, 全合金, “L” 型合金, 双层合金环, 双层合金, 普通合金。 DN190,DN210, Wear-resistant castings; Whole tungsten carbide; “L” Shape tungsten carbide; Double tungsten carbide ring; Double tungsten carbide; Tungsten carbide.		
材质 (Material)	碳钨钢材质, Q235B母板, 使用德国进口V-150焊条。 Tungsten carbide, Q235B steel; VAUTID-150 electrode imported from Germany.		
使用寿命 (Lifetime)	3万方-6万方, 根据眼镜板环使用类型不同, 使用寿命有所不同。 30000~60000cbm based on different type.		
耐磨焊硬度 (HRC)	≥ 63°	抗弯强度 (Tensile strength)	>2500N/mm ²

石川岛眼镜板切割环

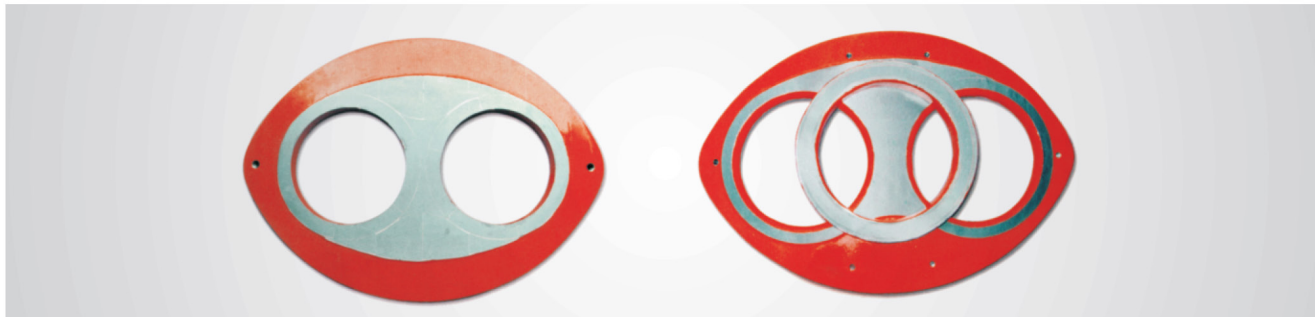
IHI Concrete Pump Spectacle Wear Plate & Cutting Ring



型号 (Type)	DN205,DN220, 堆焊, 全合金, “L” 型合金, 双层合金环, 双层合金, 普通合金。 DN205,DN220, Wear-resistant castings; Whole tungsten carbide; “L” Shape tungsten carbide; Double tungsten carbide ring; Double tungsten carbide; Tungsten carbide.		
材质 (Material)	碳钨钢材质, Q235B母板, 使用德国进口V-150焊条。 Tungsten carbide, Q235B steel; VAUTID-150 electrode imported from Germany.		
使用寿命 (Lifetime)	3万方-6万方, 根据眼镜板环使用类型不同, 使用寿命有所不同。 30000~60000cbm based on different type.		
耐磨焊硬度 (HRC)	≥ 63°	抗弯强度 (Tensile strength)	>2500N/mm ²

三菱眼镜板切割环

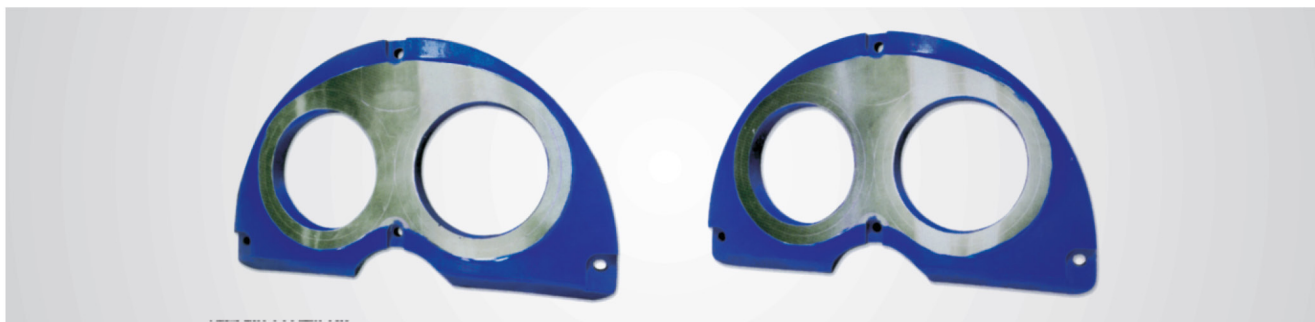
Mitsubishi Concrete Pump Spectacle Wear Plate & Cutting Ring



型号 (Type)	DN205,DN215, 堆焊, 全合金, “L” 型合金, 双层合金环, 双层合金, 普通合金。 DN205,DN215, Wear-resistant castings; Whole tungsten carbide; “L” Shape tungsten carbide; Double tungsten carbide ring; Double tungsten carbide; Tungsten carbide.		
材质 (Material)	碳钨钢材质, Q235B母板, 使用德国进口V-150焊条。 Tungsten carbide, Q235B steel; VAUTID-150 electrode imported from Germany.		
使用寿命 (Lifetime)	3万方-6万方, 根据眼镜板环使用类型不同, 使用寿命有所不同。 30000~60000cbm based on different type.		
耐磨焊硬度 (HRC)	≥ 63°	抗弯强度 (Tensile strength)	>2500N/mm ²

赛马眼镜板切割环

Sermac Concrete Pump Spectacle Wear Plate & Cutting Ring

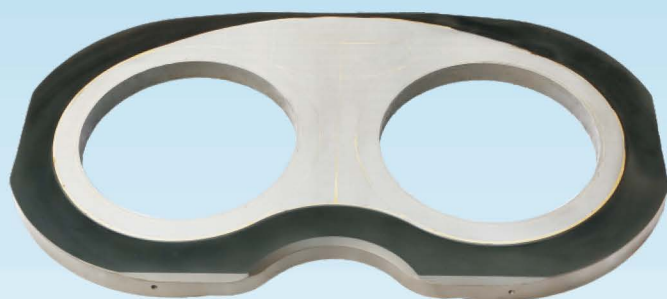


型号 (Type)	DN200,DN230, 堆焊, 全合金, “L” 型合金, 双层合金环, 双层合金, 普通合金。 DN200,DN230, Wear-resistant castings; Whole tungsten carbide; “L” Shape tungsten carbide; Double tungsten carbide ring; Double tungsten carbide; Tungsten carbide.		
材质 (Material)	碳钨钢材质, Q235B母板, 使用德国进口V-150焊条。 Tungsten carbide, Q235B steel; VAUTID-150 electrode imported from Germany.		
使用寿命 (Lifetime)	3万方-6万方, 根据眼镜板环使用类型不同, 使用寿命有所不同。 30000~60000cbm based on different type.		
耐磨焊硬度 (HRC)	≥ 63°	抗弯强度 (Tensile strength)	>2500N/mm ²



充填泵眼镜板、充填泵切割环

Fill Pump Glasses Plate & Filling Pump Cutting Ring



质保 **30 万方**

50 万方 不是梦



注：可定制超大尺寸规格



大美洲
品牌板环

BIG AMERICAN BRAND PLATE RING

专业生产国内外各种型号S阀

We are specilized in various S valve

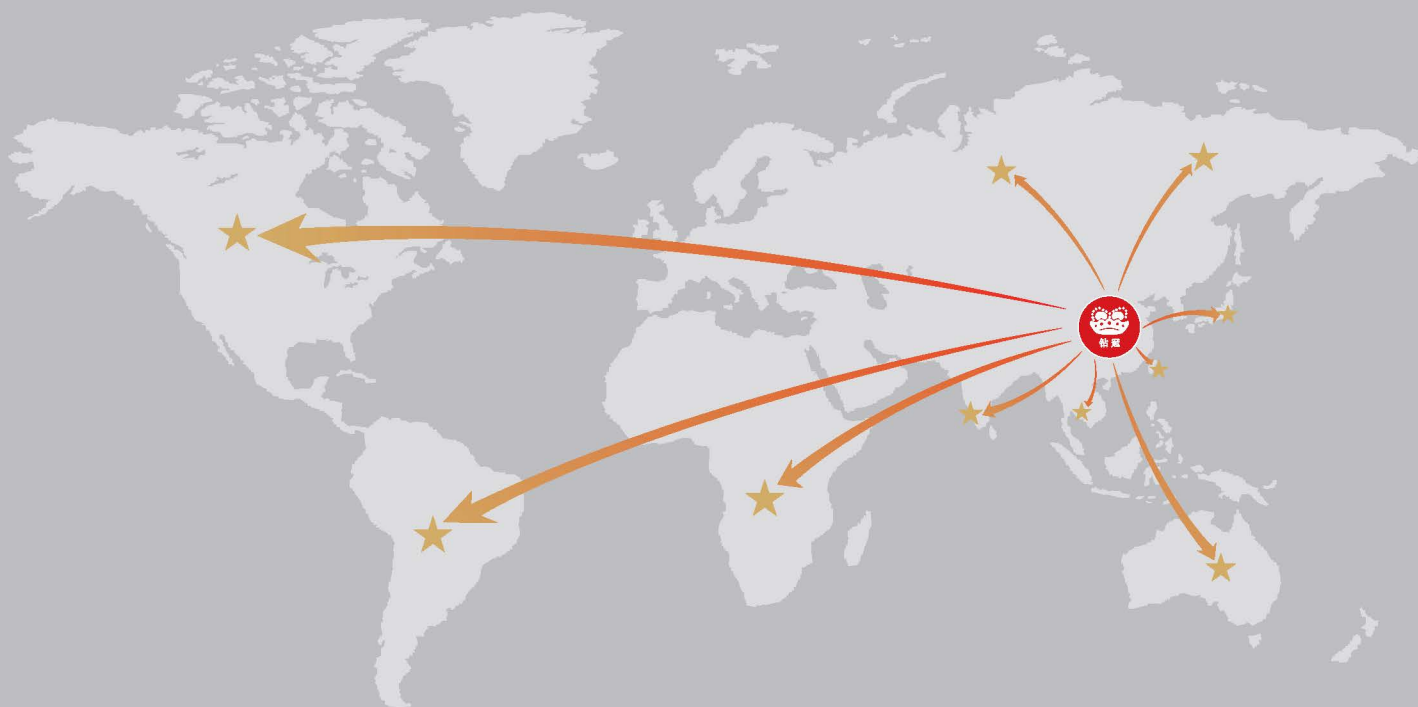


管坯 (Tube blank)	16Mn(T=16mm)
花键轴 (Spline shaft)	38CrMoAl , 调质热处理, 表面渗氮 : T200~350um , 齿面硬度650HV—800HV 38CrMoAl , neutral hardening,surface nitriding : T200~350um , hardness of the teeth 650HV—800HV
镀铬套 (Chromeplate plated sleeve)	表面镀硬铬 (T≥0.1mm) hard chromeplate plated on the surface (T≥0.1mm)
管体耐磨焊 (The abrasive welding of the tube)	(T=5mm 硬度 : HRC62° 强度≥2300/mm ²) (T=5mm hardness : HRC62° intensity≥2300/mm ²)
平均使用方量 (Average life time)	≥6万方 ≥60Km ³



营销网络

MARKETING NETWORK



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