

山东开泰公司主要生产产品
Main Products of Kaitai Alloys

种类及规格 Specifications & Size
不锈钢板 (0.2~2.5mm) / 不锈钢切丸 (0.3~2.5mm) Stainless Steel Sheet (0.2~2.5mm) / Stainless Steel Shot (0.3~2.5mm)
铝锭切丸 (0.6~2.5mm) / 铸铝切丸 (0.6~2.5mm) / 铸铝切丸 (0.3~2.5mm) Aluminum Cut Wire Shot (0.6~2.5mm) / Zinc Cut Wire Shot (0.6~2.5mm) / Copper Cut Wire Shot (0.3~2.5mm)
特制丸 (0.2~3.4mm) / 铸铜切丸 (0.2~1.7mm) Cast Steel Shot (0.2~3.4mm) / Cast Steel Shot (0.2~1.7mm)
碳钢制切丸 (0.2~2.5mm) / 铸钢制制切丸 (0.3~2.5mm) Carbon Cut Wire Shot (0.2~2.5mm) / Cast Steel Shot (0.3~2.5mm)

产品主要特性
Main Features of Products

开泰产品 Kaitai products	不锈钢板 Stainless Steel Sheet	不锈钢切丸 Stainless Steel Cut Wire Shot
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形状 Shape		柱状 Cylindrical	
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外型规格 Size & Specifications	符合SAE J411, AMS 2414标准 In accordance with SAE J411, AMS 2411 standards
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化学成分 Chemical composition	304奥氏体形: 碳(C) < 0.25%, 铬(Cr) = 18~18%, 镍(Ni) = 8~10%, 锰(Mn) < 1%, 铝(Al) < 1%, 硅(Si) < 1%, 铜(Cu) < 1%, 磷(P) < 1%, 硫(S) < 1%, 氮(N) < 1% 430铁素体形: 碳(C) < 0.25%, 铬(Cr) = 16~18%, 锰(Mn) < 1%, 硅(Si) < 1%, 磷(P) < 1%, 硫(S) < 1%, 氮(N) < 1% 注: 可根据用户要求, 提供其他元素成分。 Note: required products with other element components by clients are also provided.
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显微硬度 Microhardness	100~500 HV 维氏 / 20~50 HR C 洛氏 (Rockwell)
抗拉强度 Tensile strength	490~1520 Mpa
耐久寿命 Durability	6500次 / 1.0mm, VDF10001 / 7000次 / 1.0mm, VDF10001
金相组织 Microstructure	304奥氏体 Deformed Austenite 430型: 形变铁素体 Deformed Ferrite 410型: 形变马氏体 Deformed Martensite

密度 Density	7.8 g/cm ³
堆积密度 Bulk density	4.7 g/cm ³

注: 304奥氏体-珠光体混合组织, 经球化、渗碳和稳定化处理。经球化处理后为珠光体, 金相组织为: Fe₃C, Fe, 304。Test of the 304 austenite matrix steel and steel covered with martensite by getting austenite through a process of drawing, cooling and stabilizing.

不锈钢丸的用途
Applications of Stainless Steel Shot

2.5 mm	大型不锈钢板及合金制精密铸件, 不锈钢锻件, 冲压件, 不锈钢制板及不锈钢钢管, 石材表面等清理。球铁, 去氧化皮, 去毛刺及氧化皮。
2.0 mm	Useful for surface cleaning, sand-removing, deccaling, deburring and shot peening of large stainless steel and high-alloy steel precision castings, stainless steel forgings and stampings, stainless steel plates, stainless steel pipes and steels etc.

1.0 mm	中小型不锈钢精密铸件, 铝合金及钛合金压铸件, 铜合金精密铸件, 不锈钢锻件, 冲压件, 不锈钢制板及不锈钢钢管, 铸具, 玻璃珠粒, 石材表面等清理, 球铁, 去氧化皮, 去毛刺及氧化皮。
0.8 mm	Useful for surface cleaning, sand-removing, deccaling, deburring and shot peening of small and medium-sized pieces of stainless steel precision castings, copper and steel alloys, aluminum and magnesium alloy die castings, steel forgings and stampings, stainless steel plates, stainless steel pipes, tools, glassware and steels etc.

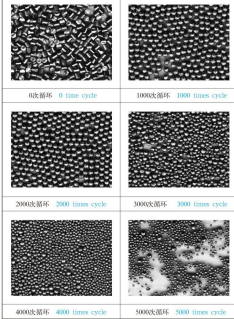
0.5 mm	小型不锈钢精密铸件, 铝合金及钛合金压铸件, 铜合金精密铸件, 不锈钢锻件, 冲压件, 不锈钢制板及不锈钢钢管, 铸具, 玻璃珠粒等表面清理, 球铁, 去氧化皮, 去毛刺及氧化皮。
0.4 mm	Useful for surface cleaning, sand-removing, deccaling, deburring and shot peening of small pieces of stainless precision castings, titanium alloys, aluminum and magnesium alloy die castings, stainless steel forgings, stainless steel plates, stainless steel pipes, tools and glassware etc.

0.2 mm	
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不锈钢丸和度表
Grain Distribution of Stainless Steel Shot

目数 mesh	mm	不锈钢丸规格 mm	Specifications of Stainless Steel Shot mm
12	1.70	φ12x3	St12x3
14	1.40	φ14x3	St14x3
16	1.18	φ16x3	St16x3
18	1.00	φ18x3	St18x3
20	0.85	φ20x3	St20x3
30	0.60	φ30x3	St30x3
35	0.50	φ35x3	St35x3
40	0.425	φ40x3	St40x3
45	0.355	φ45x3	St45x3
50	0.30	φ50x3	St50x3
80	0.18	φ80x3	St80x3
120	0.125	φ120x3	St120x3

1.0mm不锈钢度丸循环摩擦过程照片
Photos of circulating 1.0mm Stainless Steel Shot



铝硅切丸, 铸铝切丸, 铜铝切丸主要特性
Features of Aluminum Shot, Zinc Shot, Copper Shot

开泰产品 Kaitai Products	铝硅切丸 Aluminum Cut Wire Shot	铸铝切丸 Zinc Cut Wire Shot	铜铝切丸 Copper Cut Wire Shot
化学成分 Chemical Composition	Al>99%	Zn>99%	Cu,58~99%; 余Zn
显微硬度 Microhardness	45~50 HV	45~50 HV	110~300 HV
抗拉强度 Tensile strength	80~240 Mpa	90~120 Mpa	200~500 Mpa
耐久寿命 Durability	6500次 / Times	6000次 / Times	5000次 / Times
金相组织 Microstructure	形变+相 Deformed +	形变+相 Deformed +	形变+或α+相 Deformed or α +
密度 Density	2.7 g/cm ³	7.1 g/cm ³	8.9 g/cm ³
堆积密度 Bulk density	1.5 g/cm ³	4.1 g/cm ³	5.1 g/cm ³

铸铝切丸, Zinc Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸, Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸, Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸, Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸, Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸, Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm

铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸, Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸, Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸, Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸, Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸, Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸, Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm

不锈钢丸 Stainless Steel Shot	0.8mm	0.6mm	0.4mm	0.3mm
铝硅切丸 Aluminum Shot	1.0mm	0.8mm	0.5mm	0.4mm
铸铝切丸 Zinc Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm
铜铝切丸 Copper Cut Wire Shot	0.8mm	0.6mm	0.4mm	0.3mm

产品应用案例及包装
Products Applications & Packing

排气管 Exhaust pipe	轮毂 Wheel hub
铝件 Aluminum parts	缸体 Cylinder
壳体 Truck	不锈钢件 Stainless steel parts
抛丸清理 Blast Cleaning	喷砂清理 Blast Cleaning
包装 Packing	成品 Products
仓库 Storage	物流 Logistics