

PRODUCT

产品介绍

强化钢丸 / Peening Shot (Shot Peening Media)

Peening Shot 是一种专门为 **喷丸强化工艺 (Shot Peening)** 开发的高性能金属磨料，旨在提升零部件的：疲劳强度、表面耐久性、使用可靠性。

Through controlled manufacturing processes and strict quality inspection, Peening Shot provides stable peening intensity and repeatable performance, making it suitable for high-performance components requiring enhanced fatigue resistance and extended service life.



产品规格 / Product Specifications

项目 (Item)	参数 (Available Range)
形状 (Shape)	球形 / 近球形 (Spherical/Near spherical)
粒径范围 (Particle size range)	0.15–2.0 mm (可定制) (0.15–2.0 mm Customization)
硬度 (Hardness)	52min (可根据应用需求定制) 52min(customizable according to application requirements)
硬度均匀性 (Uniformity of hardness)	$\leq \pm 3$ HRC
密度 (Density)	钢基产品 ≥ 7.5 g/cm ³ ; 不锈钢产品 ≥ 7.8 g/cm ³ (Steel based products ≥ 7.5 g/cm ³ ; Stainless steel products ≥ 7.8 g/cm ³)
球形率 (Sphericity ratio)	$\geq 90\%$
粒度分布 (particle size distribution)	严格控制，均匀稳定 (Strict control, uniform and stable)
表面状态 (surface state)	表面光滑、洁净，无明显尖锐边缘 (Smooth and clean surface, without obvious sharp edges)
内部质量 (Internal Quality)	低气孔率、低缺陷率 (Low porosity and low defect rate)
使用寿命 (service life)	高耐久性，适用于长周期循环使用 (High durability, suitable for long-term cyclic use)
磁性能 (magnetic properties)	可根据材料需求提供不同磁性能产品 (Different magnetic products can be provided according to material requirements)
定制 (Customization)	尺寸、硬度、材料及包装定制 (Size, hardness, conditioning level and packaging available)