

缸套产品：

本产品结合了锻造抗磨损外套和高铬耐磨抗腐蚀内套的优点制造而成。可提供多种泵型的双金属缸套、单金属缸套及陶瓷缸套。

Liners/Cylinders:

This type of products are forged by wearproof jacket and high Cr hardwearing & anticorrosion inner sleeve ,including bimetal liners,monometal liners and ceramic liners.

陶瓷缸套：

与金属缸套不耐腐蚀，使用寿命短的特性相比，陶瓷缸套耐磨、耐腐蚀使用寿命大大提高，为降低钻井成本创造了条件，改善了现场的劳动强度。因此，陶瓷缸套是高压泥浆泵缸套升级的首选。陶瓷缸套所用的材质是国际上最先进的增韧氧化锆新材料，其断裂韧性值 K10 ~ 15MPa (为传统陶瓷的 10 倍左右)，抗弯强度 σ 600 ~ 800Mpa，韦伯系数 m18，弹性模量 E200Gpa，耐磨、耐腐蚀性极佳。用严格控制的工艺参数和烧成制度，可制成多种规格尺寸 (Φ 150 ~ 180 \times 310 ~ 440mm) 一体陶瓷缸套。

Ceramic liners:

Ceramic Liners have better performance than metal liners in wearproof,corrosion resistant and service life. Ceramic liners have reduced the drilling cost and improved the labour intensity in locale .So ceramic liners are the first choice of upgrade high-voltage mud pump liners.

The material of ceramic liner is the most advanced international increased flexible zirconium.The flexiable technical number is K 10 ~ 15MPa (10 times than traditional ceramic), number of resistbent strength is σ 600 ~ 800Mpa,Weber number is m18. The specification size is (Φ 150 ~ 180 \times 310 ~ 440mm) .

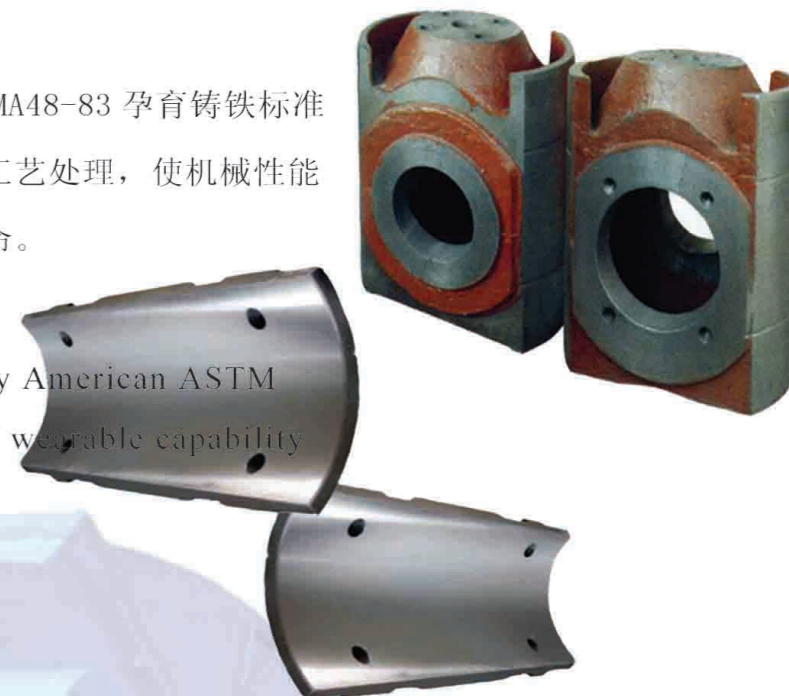


十字头、导板：

十字头与导板的材质采用美国 ASTM48-83 孕育铸铁标准生产，具有良好的耐磨性，经过特定的工艺处理，使机械性能大幅度提高，从而延长了工件的使用寿命。

Crosshead, Guide (board) :

Crosshead and Guide are produced by American ASTM A48-83 modified cast iron, having good wearable capability and long useful time.



介杆、十字头销：

介杆、十字头销材质采用优质合金结构钢整体锻造而成，经热处理后可得到较高的机械性能。

Intermediate Rod ,Crosshead Pin :

The products are forged complete by high quality alloy constructional steel,and holding high machinery performance after heat treatment.

