



Ultra Chrome Volute Sludge Pump Wear Parts Changeable Anti Corrosive

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: horizontal-slurrypump.com
- Certification: ISO9001 / CE
- Model Number: OEM
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Plywood Crate
- Delivery Time: 7 Working Days
- Payment Terms: T/T, Western Union
- Supply Ability: 100 Pcs per Month



Product Specification

- Material: A05 Ultra Chrome
- Use: For Slurry Pump
- Description: Volute Liner
- Color: White
- Other Parts: Impeller
- MOQ: 1 Set
- Highlight: centrifugal pump spare parts

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Product Description

Changeable Anti Corrosive A05 Ultra Chrome Volute 100ZGB Sludge Pump Wear Parts

When it comes to pumping abrasive slurries it's not a question of if you will need spare and wear parts – it's a question of when. This parts is Volute Liner E4110A05, completely replace with spare parts. With fully integrated systems and single source supply solutions we simplify the inventory, distribution and installation of spares and wears to keep our customers' processes running longer, safer and more efficiently. The above shown spare parts are High chrome pump parts. The parts are made of 26-28% high chrome metallurgy has a guaranteed HRC58+ hardness. Variety of metallurgies are available for more corrosive applications.

Pump parts

pump Casing

Split outer casing design with cast or ductile iron with the wearing liners , which can provide high operating pressure capabilities.

2. Impeller

The impeller may be either molded elastomer or hard metal. Cast-iron impeller threads are better suited for slurries.

3. Interchangeable Hard Metal and Moulded Elastomer Liners

4. Mating faces in hard metal liners are tapered to allow positive alignment during assembly and allow components to be easily removed or replacement.

5. Impeller The impeller may be either molded elastomer or hard metal. Cast-iron impeller threads are better suited for slurries


Type	Code	Mark	Mechanism Performance			Special Performance	Application
			$\delta w/\delta b$	αk	HRC		
			MPa	J/cm ²			
Anti-wear white iron	A05	KmTBCr27	≥ 700	6--10	≥ 56	Erode resistance is a little bit lower than A07 with certain corrosive resistance	Used for higher wear condition with PH between 5 and 12
	A07	KmTBCr15Mo	≥ 550	4--8	≥ 59	Best erode resistance but lower wear resistance than A05	Used for higher wear condition
	A01	KmTBCr8	≥ 550	6--8	≥ 55	The erode resistance is about 0.9 times of A05.	Used for mud pump
	A11	KmTBMnMo	≥ 400	3--6	38-42	Lighter erode resistance and lower hardness. It can be perforated and tapped.	Used for light wear condition with fine grain.
Anti-wear & anti-corrosive iron	A49	--	≥ 600	--	43	It has certain erode and corrosive resistance in low PH condition. Its wear resistance is nearly equal to A03	For lower PH condition, especially for flue gas. For low sour condition desulphuration installation (PH ≥ 4)


	A33	--	--	--	35	It has certain erode and corrosive resistance that is similar to A03 and certain corrosive resistance.	It can transport oxygenated slurry with PH not be less than 1.
Anti-wear cast steel	A22	--	1200	--	45	Fine anti-erode & anti-corrosive, high hardness.	Used for dredge pump casing.
	A23	--	700	--	HB500-600	Higher hardness and anti-erode.	Used for anti-wear & corrosive and high erode condition.
	A25	--	--	--	HB300-350	Lower hardness, better anti-wear & anti-corrosive and weldable.	Used for light erode and wear condition.

es.6. Hydraulic seal rings give positive sealing between mating faces.

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