

Tiger Shark® Bolt-On Pump Intakes

RELIABLE OPERATION IN DEMANDING WELL APPLICATIONS

STANDARD AND OPTIONAL MATERIALS

Typical construction for 400 series advanced bolt-on pump intakes

Component	Standard Materials	Optional Materials
Body	Carbon Steel AISI 1045/1035	Stainless Steel 410/416
Shaft	MONEL® K500/UNS N05500	Inconel® 718/UNS N07718
Shaft Spacer Sleeve	Ni-Resist Type 4 ASTM A351	Ni-Resist Type 4 ASTM A351
AR Sleeve Top/Base Bearings	Tungsten Carbide K20/ASTM B276	Tungsten Carbide K20/ASTM B276
Keystock	Inconel® 718/UNS N007718	Inconel® 718/UNS N007718
Shaft Retaining Ring	Inconel® 718/UNS N007718	Inconel® 718/UNS N007718
Fasteners	MONEL® K500/UNS N0550	MONEL® K500/UNS N0550
Shipping Caps	Cast Iron F11701	Cast Iron F11701



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Features	Benefits
Patented HTEM ring – high thermal expanding material	Prevents containment loss from corrosion and chemicals
Patented Erosion Buster® technology	Enables operation in highly abrasive environments
Patent-pending snap trap sleeve that interlocks shaft and snap ring	Provides secondary snap ring retention

SYSTEM BENEFITS

- » Improved durability in extreme operating environments and conditions
- » High-efficiency designs for lower operating costs
- » Enhanced run life with selection of optimal materials for challenging well characteristics

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