

Ball and Seat Valve Solutions for Artificial Lift Systems

Designed to Outperform Oil & Gas Industry Requirements



an SKF Group company

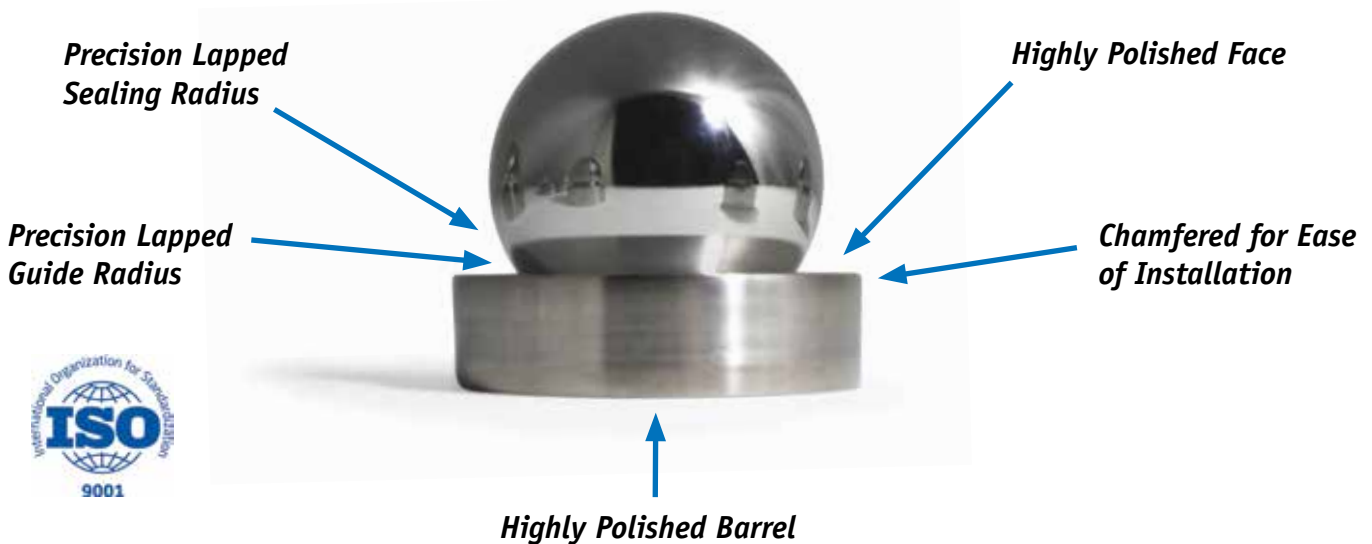
SKF



Solutions for Every Environment • Local Service • Global Scope

100% American Made Ball and Seat Valves Using the Highest Quality Materials

*High Quality Balls Manufactured
by Industrial Tectonics*



ITI Ball and Seat Sets are Produced to the Highest Quality Standards:

- Cobalt parts made with pure virgin Cobalt Chrome with less than 0.1% Iron
- Highest quality materials used for any environment
- All ball/seat sets are precision lapped and polished to increase valve life
- Seats are “double” machine lapped with both a guide radius and large sealing radius
- Lapped within 0.0005” of the actual ball used to complete the set
- Individually vacuum tested prior to packaging to assure the highest quality



All products are made at ITI's manufacturing facility in Dexter, Michigan, USA.



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SKF



The Reliable Source for Ball and Seat Valves for Artificial Lift Systems

Backed by an Established and Trusted Global Leader in the Oil & Gas Industry

SKF Corporation is a leading global technology and solutions provider to a multitude of industries and has a long standing history serving the Oil & Gas industry. Providing a broad range of products and services for on-shore and off-shore drilling, exploration and production, transportation and storage, processing and refining operations, SKF leverages its experience across their key technology platforms: bearings and units, seals, mechatronics, services and lubrication systems.

With SKF's global resources and ITI's expertise in spherical ball manufacturing, oil and gas suppliers and operators will benefit from the scope of product, high reliability and fast turnaround time they need for their artificial lift applications.



SKF is a global technology and manufacturing leader serving a multitude of industries & markets.

ITI Has Been the Leading Manufacture of Spherical Balls for Over 50 Years

As a world leader in spherical and specialty ball manufacturing, Industrial Tectonics, Inc. (ITI) has developed a product offering available in a wide assortment of materials, sizes and types for many demanding industries and applications.

Their spherical balls meet the most stringent standards and specifications of the energy, aerospace, defense/military, automotive industry and more. ISO 9001 approved, ITI offers a complete family of ball and seat valve solutions made of the highest quality materials to meet the most challenging requirements of artificial lift systems applications.



ITI spherical ball solutions are used in a wide range of industries, from military and automotive applications to ball point pens.

Available in a Wide Selection of Sizes and Materials

Materials & Alloy Options

Seats:

Tungsten Carbide
Titanium Carbide
Cobalt Alloy
440C Stainless Steel
316 Non-Magnetic Stainless Steel

Balls:

Tungsten Carbide
Titanium Carbide
Cobalt Alloy
440C Stainless Steel
300 Series Non-Magnetic
Silicon Nitride



Ball and Seat Sizes (Flat Type)

Seat Size	API Ball Size	Alternate Ball Size
1-1/16"	-	5/8"
1-1/4"	3/4"	11/16"
1-1/2"	15/16"	7/8"
1-3/4"	1-1/8"	1"
2"	1-1/4"	1-1/8"
2-1/4"	1-3/8"	1-1/4"
2-1/2"	1-11/16"	1-1/2"
2-3/4"	1-11/16"	1-1/2"
3-1/4"	-	2"
3-3/4"	2-1/4"	2"
4-3/4"		3-1/4"
5-1/2"		3-3/4"
7-3/4"		5-1/4"

Ball and Seat Sizes (Rib Type)

Seat Size	API Ball Size	Alternate Ball Size
1-1/2"	-	7/8"
1-3/4"	-	1"
2-1/4"		1-1/4"



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