



AISI304 Stainless Steel Ball

Description: AISI type 304 and 304L stainless steel balls meet requirements for an unhardened ball with excellent toughness and resistance to corrosion. Corrosion resistance may be increased through annealing. Both non-annealed and annealed balls are widely used in valves and related equipment.

Stainless type 304 and 304L balls are capable of resisting corrosion by such agents as oxidizing solutions, most organic chemicals, food stuffs and sterilizing solutions. They are moderately resistant to sulfuric acids. Non-magnetic properties available upon request. Applications include aerosol, sprayers, finger pump mechanisms, milk machine blenders, food processing equipment and medical applications.

Specification:

Specification	AISI 304 /304L Stainless Steel Balls W 1.4301/W 1.4306, X5CrNi18-10/X2CrNi19-11
Material Composition	304: C= max 0.15%, Cr=17 - 19%, Mn=max 2.0%, Si=max 1.00%, S= max0.03% P=max 0.045%, Ni=8-10% 304L: C=max 0.03%, Cr=18 - 20%, Mn=max 2.0%, Si=max 1.00%, S=max 0.03% P=max 0.045%, Ni=8-12%
Hardness	HRC26
Corrosion Resistance	Very high corrosion resistance, although not quite as good as 316. Chemical resistance is also reduced.
Availability	Good, Available in a fair range of sizes from 0.8-60mm. As with 316, can be produced in almost any required size.
Applications	B all Bearings, Valves, Ball Screws where the low hardness is acceptable.
General Information	An Austenitic stainless steel, 304 provides a high degree of corrosion resistance. However, its low hardness can provide problems if loadings are high, and balls are easily damaged.



Kaifeng Bell Stainless Steel Ball Manufacture Co.,Ltd.

About Us

Kaifeng Bell Stainless Steel Ball Manufacture Co., Ltd is a leading professional precision ball manufacturer in China, Established in 2003 and extensive worldwide marketing web. We are the major manufacturer in China offer you complete products line all proof to ISO-9001 certification.

Main products: Stainless steel balls(440C, 420,304,316L,201), precision plastic balls Acetal (POM) ,Polypropylene (pp) ,Nylon (PA66) ,PTFE ,Acrylic ,Peek ,Torlon) ,glass ball ,chrome steel ball(GCr15),aluminium ball ,brass ball and ceramic balls

Applicable for industrial usage such as hardware, toys wheels skates, bicycles, bearing, chemistry, etc

We introduced Germany-made grinding machinery and precision inspection equipment to ensure inspection equipment to ensure excellent and stable quality. Wide range of specification and material are available for customers' individual and special demands. Our goal is to offer global customers the best products and services. We welcome you to provide information and suggestion to us.

By the way, free sample is available. If you have any questions, don't hesitate to contact us, let's talk about details. Looking forward to your reply.