**440C Stainless Steel:**
A martensitic type stainless steel used extensively in bearing applications that harden by heating, dimensional stability, corrosion resistance and toughness. Balls are resistant to corrosive fresh water, steam, crude oil, gasoline, perspiration, alcohol, blood and stiffs. 440 is also magnetic. Size Available: 0.5mm - 102mm (4”) Grade Available: G100 - G1000

**316 Stainless Steel:**
316 stainless steel balls provide resistance to sulfurous acid compounds and other highly corrosive environments, and is used in the presence of sulfuric, phosphoric and acetic acids. It is the least magnetic of the 300 series. Size Available: 0.5mm - 102mm (4”) Grade Available: G100 - G1000

**420 Stainless Steel Balls:**
420 Stainless Steel balls offer good hardness and surface finish. It is generally used for all applications requiring resistance to corrosion from water, steam, air and gasoline. 420 is not recommended for applications requiring resistance to most chemical solutions. 420 is also magnetic.

**302 Stainless Steel:**
302 Stainless Steel is extremely tough and corrosion resistant to oxidizing solutions and many organic compounds in an unhardened state. In its annealed condition it withstands attacks by food stuffs, dyes, sterilizing solutions and nitric acid. It is not recommended for sulfuric or halogen applications, and is slightly magnetic. Size Available: 0.5mm - 102mm (4”) Grade Available: G100 - G1000

**304 Stainless Steel:**
304 Stainless Steel is an austenitic, unhardened stainless steel with excellent resistance to corrosion by oxidizing agents, most organic chemicals, food and sterilizing solutions. It has a carbon content less than 302 Stainless Steel and is slightly magnetic. Size Available: 0.5mm - 102mm (4”) Grade Available: G100 - G1000

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**Chrome Steel Balls**

**AISI 2100**

Feature: Universal material for ball and roller bearing industry. Chrome steel balls contain chromium and due to through hardening has an excellent surface quality and high load bearing.

Hardness: Modern heat treating facilities, complete with controlled atmosphere and temperature, to maintain excellent hardness control with a through hardness of HRC 60 to 67.

Size Available: 0.5mm - 102mm (4”)

Grade Available: G5, G10 - G1000

Application: Universal for many application. For example: balls & roller bearings, Linear monition, Balls lead screws, grinding media.

**AISI 1086** Feature: Advantage of being through hardened, cheaper than high carbon chrome alloy steel

Hardness: HRC58-64 Size Available: 2.0mm - 25.4mm (1”)

Grade Available: G48 - G1000

**Carbon Steel Balls**

**AISI 1015**

Feature: High hardness with a soft core giving resistance to shock load & excellent resistance to surface wear.

Hardness: Hardness is HRC 60 min. Reference the accompanying chart for minimum case depth.

Size Available: 2.0mm - 50mm (2”)

Grade Available: G40 -- G1000

Application: Moderate loads and allow rotating parts, for example: castors, conveyors, roller skates, drawer slides, seat slides, bicycles, etc.

**Soft Steel Shot**

A non-toxic - substitute ball of hunting shots

**Manufacturing Process of Steel Balls**

- Material
- Heading
- Flashing
- Heat treatment
- Grinding
- Lapping
- Washing
- Final Inspection

**ISO9001 CERTIFIED**

**Quality Policy**

- Competent / Smile / Smart / Speed / Study ......
- Specialist manufacturer for all kind of precision and grinding steel & ceramic balls ..... Full rang of type and size to fit various industry.....
- Sincerity / Smile / Smart / Speed / Study ..... A excellent Comballs brand with its strict quality, on time delivery, competitive price, best service and high customer satisfaction rate .....