Indian standard IS 204 (Part 2): 1992- Non-ferrous metal tower bolts– Ensuring safety and reliability

Non-ferrous metal tower bolts are **locking mechanisms** made from metals that do not contain iron, such as **brass, aluminum, or zinc alloys**. These bolts are used to secure doors, windows, or furniture panels by sliding a rod (the bolt) into a matching socket or frame. Their resistance to rust and smooth operation make them ideal for long-term use in various environments. Non-ferrous metal tower bolts offer consumers a blend of **functionality, durability, and aesthetic appeal**, making them a reliable choice for securing various fixtures in homes and work spaces.

The quality of non-ferrous metal tower bolts is crucial for consumers as it directly impacts their safety, durability, and satisfaction. Strength, Durability, Smooth operation, Corrosion resistance together with visual appeal are key quality parameters any consumer would expect from these Bolts.

Considering this, Indian Standard IS 204 (Part 2): 1992 has been developed by Bureau of Indian Standards. The standard covers specifications for tower bolts made of non-ferrous metals such as brass, aluminum, and zinc alloys. It includes **barrel and skeleton types of tower bolts**. The Standard specifies **material, dimension and finish requirements** of these Bolts which are critical in determining Durability, Smooth operation, Corrosion resistance and ensuring that the product conforming to the Standard meets the expectation of the consumers.

The **Quality Control Order** notified by DPIIT, Government of India mandates that all these Tower Bolts manufactured, sold, or imported in India comply with IS 204 (Part 2) and display the BIS Standard Mark (ISI), ensuring high-quality Tower Bolts.

In summary, Indian Standard IS 204 (Part 2): 1992 offers a comprehensive specification for Non-ferrous Tower Bolts used in various residential and commercial furniture applications. Products conforming to standards IS 204 (Part 2) ensure that they meet strict manufacturing and material requirements. This guarantees reliability and consumer confidence.