



## Indian Standard IS 18297:2023 - Cabinet Hinges

Cabinet hinges are essential components in kitchens, offices, wardrobes, and storage cabinets, allowing doors to open and close smoothly. This standard is designed to ensure that cabinet hinges are **durable, safe, and reliable for long-term use**, providing quality guidelines for manufacturers and peace of mind for consumers.

IS 18297:2023 is an Indian standard set by the Bureau of Indian Standards (BIS) for cabinet hinges. This standard specifies the materials, construction, and performance requirements for hinges. It mandates that hinges should be made from **durable, rust-resistant materials**, such as stainless steel or other treated metals, to withstand regular use without warping or corroding. The standard also emphasizes the need for hinges to be sturdy enough to bear the weight of the cabinet doors they support without sagging or loosening over time.

The standard includes tests for durability and quality. For instance, it requires hinges to endure repeated opening and closing cycles without losing functionality, ensuring that doors do not squeak, jam, or become misaligned. This ensures consumers experience **smooth, quiet operation** every time they use their cabinets.

Additionally, this standard includes guidelines for hinge installation and adjustment. Properly installed hinges help avoid issues such as uneven doors, which can affect both appearance and functionality. The standard also covers safety requirements, ensuring that hinges have rounded edges or protective caps to **prevent injuries** during installation or everyday use.

By following IS 18297:2023, consumers can trust that hinges meet high standards of quality and reliability, making cabinets **easier to use and longer-lasting**. This standard helps ensure a **better, safer experience** for both installers and users, providing a dependable solution for various cabinet applications.