

IS 2681: 1993 - Non-Ferrous Metal Sliding Door Bolts - Specification

The Indian Standard IS 2681: 1993 specifies the standards for non-ferrous metal sliding door bolts, commonly utilized in general construction to secure doors and gates with padlocks. These bolts are typically manufactured from materials such as brass and aluminum alloys, with dimensions ranging from 150 mm to 450 mm. The standard categorizes these bolts into three types based on material composition and manufacturing process, each tailored for different uses and environments.

Key requirements outlined in IS 2681: 1993 cover material quality, dimensional tolerances, operational smoothness, and finishing. Brass bolts are available in satin or polished finishes for aesthetic and durability purposes, while aluminum bolts require an anodized finish to enhance longevity. These standards ensure that each bolt meets operational and durability expectations, aligning with quality norms in construction applications.

The standard further mandates marking requirements for manufacturer identification and specifies packaging standards to facilitate handling and storage. A defined sampling method and conformity criteria ensure consistent product quality. This third revision includes updates reflecting both performance and manufacturing improvements since previous amendments, ensuring the bolts remain reliable and durable in construction use.