



IS 17954 : 2023 Telescopic Ball Bearing Drawer Slide

A **Telescopic ball bearing drawer slide** is a type of mechanical hardware used to facilitate smooth, durable movement of drawers or slides. It's commonly used in furniture, cabinets, and industrial applications where drawers need to open and close easily. Common Applications are **Furniture**: In kitchen cabinets, office desks, file cabinets, or kitchen drawers, and **Industrial Use**: In racks, shelves, or any system where smooth sliding motion is required, like toolboxes or server racks.

When selecting **telescopic ball bearing drawer slides**, there are several important parameters to consider to ensure the product meets the customer's needs. These parameters are Load Capacity, Extension Type, Material and Finish, Ball Bearing Quality, Slide Length, Drawer Thickness, Mounting Style, Durability and Cycle Life, Ease of Installation, Corrosion Resistance (for Specific Environments), Noise level etc.

IS 17954: 2023 comprehensively covers all the major quality parameters for telescopic ball bearing drawer slides, including **load capacity, extension types, materials, ball bearing quality, durability**, and more. The standard ensures that the products meet stringent performance and durability tests, ensuring that they fulfill customer requirements for smooth, reliable, and long-lasting drawer operation. By adhering to this standard, manufacturers can produce high-quality drawer slides that align with both functional needs and industry expectations.