



**IS 15834: 2020 Stainless Steel Sliding Door Bolts (Aldrops) for Use with  
Padlocks — Specification**  
**(First Revision)**

**Sliding door bolts**, generally known as **aldrops**, are made from various materials like **mild steel, brass and aluminium**. However, in locations where atmospheric humidity levels are high, ordinary mild steel begins to rust unless properly protected. With the availability of stainless steel of suitable grade, sliding door bolts which are **rust proof, durable and aesthetically good** looking had been also available in stainless steel.

Stainless steel sliding door bolts shall be well made, **free from surface defects, and finished to the correct shape with a smooth sliding action**, typically polished bright unless otherwise specified.

The standard, initially released in 2008, was revised in 2020 to update stainless steel grades, sizes, finishes, and cross-references to other standards. Key changes include:

- Permitting various grades of stainless steel as per updated standards.
- Adding new sizes for flexibility.
- Allowing customizable finishes agreed upon by manufacturers and buyers.
- Updating sampling, marking, and certification procedures.

The stainless steel used for the manufacture of sliding door bolts includes **two key components sheet and bolt**. The stainless steel for sheet shall conform to IS 6911, while the stainless steel for bolts shall conform to IS 6527.

Each stainless steel sliding door bolt shall be clearly marked with the indication of the source of manufacture or trade-mark, and the word 'Stainless Steel' shall be legibly imprinted. Products conforming to the requirements of this standard may be certified under the **Bureau of Indian Standards Act, 2016**, and marked with the Standard Mark.

This standard ensures the durability, corrosion resistance, and functionality of stainless steel sliding door bolts suitable for humid environments, enhancing their longevity and aesthetic appeal in construction applications.