

**IS 1783 (Part 2) : 2014**  
**Drums large, fixed ends – Specification:**  
**Part 2 Grade B drums (Fourth Revision)**  
**(reviewed in 2022)**

According to the Indian Standard IS 1783 (Part 2), the specification for large fixed-end drums, specifically Grade B drums, establishes essential criteria for their design, construction, and performance of the fixed end drums of Nominal capacity of 200 litre. These drums are vital components in lifting and hauling applications across various industries, including mining, construction, and material handling.

Grade B drums are built to withstand significant operational stresses and are characterized by their robust construction, typically utilizing high-strength materials to ensure durability and longevity. The specification outlines usages of 1 (Type 1) and 1.25 (Type 2) mm thickness drums. The drums made from Mild steel according to IS 513 and grades CR1, CR2 and CR3

The design features fixed ends that enhance stability, preventing lateral movement of the rope or cable during operation. This stability reduces wear and friction, contributing to the safe and efficient functioning of lifting systems. The standard also details requirements for surface finish, inspection, and testing to ensure compliance with safety and quality standards.

Overall, IS 1783 (Part 2) provides a comprehensive framework for Grade B large fixed -end drums, ensuring they meet the rigorous demands of industrial applications while promoting safety and reliability in lifting operations.

FOR BIS INTERNAL USE. TO BE  
USED FOR STANDARDS  
DEVELOPMENT PURPOSE ONLY

