

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



This is Fixed End Drum Large of 200 Litre capacity made from Mild Steel, known for its good strength. This is being used in Petrochemical and Paint Industries, it is being used to transport the liquid product such as gasoline, thinner, paint varnish etc. The drums strength and design shall be such that it is easy to move without leakage, spillage etc. It also ensures the safety of the user and workers which are handling this products.

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.

**MINISTRY OF COMMERCE AND INDUSTRY (Department for Promotion of Industry and Internal Trade)** had issued **Drums and Tins** Quality Control Order dated 17 Oct 2023 for mandatorily use of BIS Standard Mark for manufacturing, sale, import and storage of the product.

