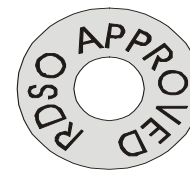


LAKSHMI BRAND CHAMFERING KIT
Specification no: TM-53 Rev.01 of 2004



INTRODUCTION: - A study by RDSO had revealed that most of the rails fail along the axis of rails starting at the hole provided for joining the rails by means of fish plates and bolts. These rails fail due to fatigue at reversal of stress) the sharp corners of holes. To avoid this, a process of chamfering of holes on the existing rails by using high tensile bolt and nut, and a torque wrench with built-in ratchet has been evolved. The torque wrench exerts compressive load of 12.5 tons on the rail holes and the area around the holes will be work hardened and will be capable of withstanding a greater fatigue than the ordinary rails.

CONSTRUCTION:

It consists the followings:

- | | |
|---|--------|
| ➤ High tensile hexagon head fish bolt size 130x20 mm. With nut | 1 Set. |
| ➤ High speed steel chamfering bits (for 32mm dia holes) | 1 Set |
| ➤ High speed steel chamfering bits (for 28mm dia holes) | 1 Set |
| ➤ 19 mm square drive socket size 32 mm. | 1 Nos. |
| ➤ Mild steel packing pieces. | 2 Nos. |
| ➤ Torque wrench (56 Kg/m with ratchet mechanism 1.25 meter length). | 1Nos. |
| ➤ Box Spanner | 1 Nos. |