

IS 704:1984 SPECIFICATION FOR CROW-BARS AND CLAW-BARS

Claw bars or Crow bar are designed primarily to force apart two objects, for removing embedded or headless nails from wood or other materials and for generally breaking things. These can typically damage the material surrounding so it is important they are only used on surfaces where damage is expected. These are generally used by building industry, construction and demolition workers and Fire men.

The Indian Standard specifies **Types, Shapes and Dimensions and Material** of the bar. Key specification includes one piece manufacture through forging with a **minimum hardness** of 320 HV. Drop test ensure that the ends shall not show any sign of fracture or deformation after the test while Static load test ensures that bar shows no distortion, damage or permanent set over 8 mm. Additional requirement of Falling Weight Test is specified to prevent any crack in the claws or any permanent set at the claws or in the bar. Preservative treatment has been specified to prevent the corrosion of the bar.

Supply of Crow-bars and Claw-bars need to conform to IS 1387: 1967 while packing requirements specify that the bars shall be securely packed in suitable packing boxes of size convenient handling for in transit or bundled and secured suitably with the wire with each type and size of the bar to be kept and packed separately.