



## Summary of IS 4296 (Part 1): 2016/ ISO 6752: 2008

### Tools for Pressing (Part 1): Round Punches with 60 Degrees Conical Head and Straight Shank

**Round punches** with a **60° conical head** and **straight shank** are tools commonly used in pressing operations, primarily for **punching** holes in steel sheets, though they can also be used on other materials.

This Indian Standard specifies the basic **dimensions**, **surface roughness** and **tolerances** for round punches with 60° conical head and straight shank in the diameter range of **0.5 mm to 20 mm**.

The choice of material is left to the manufacturer's discretion. The Standard gives example material and hardness values, and specifies the designation of the punches.

A round punch with 60° conical head and straight shank in accordance with this Standard shall be designated by the term "**Punch**" followed by a reference to this Standard, its **Point diameter** and **Length in mm**.