



IS 3989: 2024 – Indian Standard on Centrifugally cast Iron pipes, fittings and accessories

Did you ever wonder what kind of manufacturing prudence goes into the **production of pipes/spigots for transporting sewage**? There is an Indian Standard which contains the specifications such as design, sizes and tolerances of these pipes and fittings. It is IS 3989: 2024 *Centrifugally cast (spun) iron spigot and socket pipes, fittings and accessories*. It covers the requirement for centrifugally cast (spun) iron spigot and socket pipes, fittings and accessories for **discharge of soil, waste, rainwater and for ventilation**.

Standard sizes of pipes covered under this IS are **50 mm, 75 mm, 100 mm, 150 mm, 200 mm, 250 mm, 300 mm and 400 mm**.

Different types of castings of pipe covered under this IS are : **Bend pipes, Branches with equal branch pipes, Branches with unequal branch pipes, S shaped castings, taper collars, and others**.

Coating shall be applied on these pipes and min. mean thickness of coating specified is 70 microns and min. local thickness is 50 microns. Each cast of pipe and fitting shall have the mark of the manufacturer, nominal diameter, last two digits of the year of manufacture, and any other mark required by the purchaser.