



Diameter standard





Overview

Nominal Pipe Size (NPS) is a North American set of standard sizes for pipes used for high or low pressures and temperatures. "Nominal" refers to pipe in non-specific terms and identifies the diameter of the hole with a non-dimensional number (for example - 2-inch nominal steel pipe" consists of many varieties of steel pipe with the only criterion being a 2.375-inch (60.3 mm) outside diameter). Specific pipe is identified by pipe diameter and another non-dimensional number for wall thickness referred to.



Diameter standard



[Standard Pipe Schedules and Sizes Chart Table Data](#)

Pipe size is specified by two designations: a nominal pipe size (NPS) for diameter based on inches, and a schedule (Sched. or Sch.) for wall thickness. NPS is often incorrectly called National Pipe Size, due ...



Pipe Size Chart: A Complete Guide 2025

Instead, pipe sizes follow standardized systems like Nominal Pipe Size (NPS), Nominal Bore (NB), or DN (Diameter Nominal). That's where a pipe size chart comes in handy -- it helps you ...

Steel Pipe Diameters Chart

Steel pipe diameters generally follow the following standards. Nominal pipe diameters are labeled with the "inch" approximation, which is a common standard in North America. For ...



Standard Pipe Dimensions

Pipe dimensions for schedule 40 and 80, including inside diameter, outside diameter, wall thickness, and weight.



[Pipe Dimensions Chart , Standard Pipe Sizes, Wall thickness](#)

Explore comprehensive pipe dimensions including standard pipe sizes, outer diameter, wall thickness, and schedule numbers. Get detailed charts and information for piping and plumbing projects.

Standard Pipe Sizes

The pipe size is specified with two numbers: the nominal pipe diameter (or bore) and the pipe schedule. This then sets the outside pipe diameter, the wall thickness (and hence the internal diameter). A list ...



Dimensions.PDF

0.312 0.375 0.500 0.625 0.688 0.312 0.375 0.500
 0.375 0.500 0.625 0.750 0.375 0.500 Inside
 Diameter (Inches) 23.500 23.250 23.000 22.876
 22.626 22.064 21.564 20.938 20.376 19.876
 19.314 25.376 ...



Nominal Pipe Size



OverviewApplicationBlockage or ball testSee alsoBibliographyExternal links

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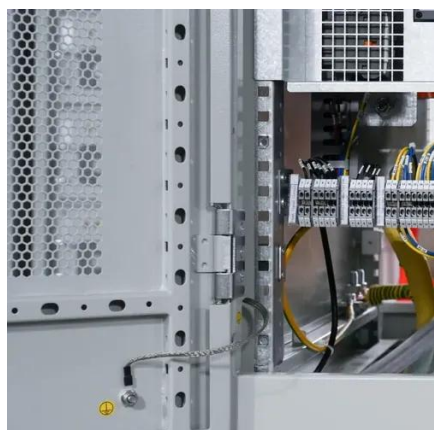


[NPS \(Nominal Pipe Size\) Guide: Dimensions, Charts](#)

The size of pipes, fittings, flanges and valves are often given in inches as NPS - Nominal Pipe Size, or in metric units as DN - 'Diametre Nominal'.

Nominal Pipe Size

Specific pipe is identified by pipe diameter and another non-dimensional number for wall thickness referred to as the Schedule (Sched. or Sch., for example - "2-inch diameter pipe, Schedule 40").



[Copper Pipe Size Chart , OD, ID, Wall Thickness & Tube Sizes](#)

This guide is to help users compare copper pipe sizes across different tubing types with actual measured diameters, including nominal pipe size, outside diameter (OD), inside diameter (ID), and ...



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