



# Diameter standard





## Overview

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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

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### [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 ...

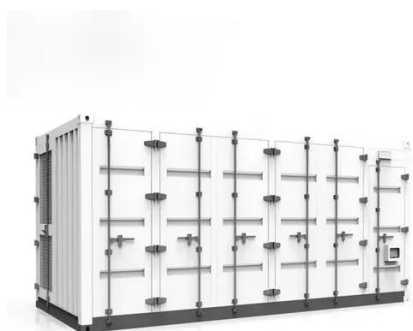


**Nominal Pipe Size**



OverviewApplicationBlockage or ball testSee alsoBibliographyExternal links

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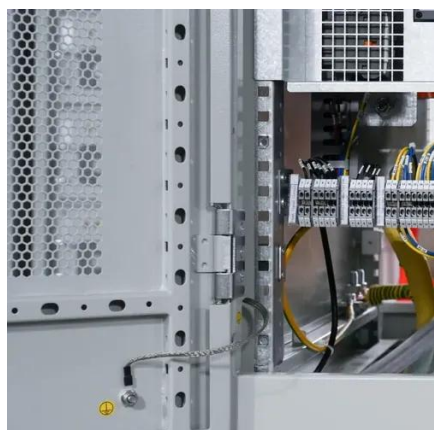


### [NPS \(Nominal Pipe Size\) Guide: Dimensions, Charts](#)

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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For catalog requests, pricing, or partnerships, please visit:

<https://www.iwap.com.pl>

Phone: +34 919 456 782

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