

A **male steel hose barb adapter** is a rugged pipe fitting designed to connect a flexible hose to a threaded female component. It features a sharp, rigid **ridged barb** on one end to grip the inside of a hose and a **threaded male connector** on the other to screw into a pipe or manifold. [

□ □ **Common Material Options**

- **Stainless Steel (Grade 304 or 316):** The most popular choice. Highly resistant to rust, chemicals, and extreme temperatures. Ideal for food grade, marine, and high-pressure chemical transfer. [[1](#), [2](#), [3](#), [4](#), [5](#), [6](#)]
- **Carbon Steel / Mild Steel (MS):** A heavy-duty, highly economical option. Usually zinc-plated to resist rust, it is widely used in industrial hydraulics, oil lines, and machinery. [[1](#), [2](#), [3](#), [4](#), [5](#)]

Sizing Considerations

When buying this adapter, you must match **two distinct measurements**:

1. **Hose Barb Side (ID):** Measured by the **Inner Diameter (ID)** of your flexible tubing (e.g., 1/4", 3/8", 1/2", 1", 2").
2. **Male Threaded Side:** Measured by standard plumbing thread types—most commonly **NPT** (National Pipe Thread) or **BSP** (British Standard Pipe).