

# How To Measure A Pipe Thread

| Thread Size | Fittings                  | Pipe                    |
|-------------|---------------------------|-------------------------|
|             | female (internal) threads | Male (external) threads |
| 1/8"-27     | .350"                     | .390"                   |
| 1/4"-18     | .444"                     | 0.508"                  |
| 3/8"-18     | 0.593"                    | 0.642"                  |
| 1/2"-14     | 0.715"                    | 0.800"                  |
| 3/4"-14     | 0.936"                    | 1.005"                  |
| 1"-11.5     | 1.172"                    | 1.268"                  |
| 1-1/4"-11.5 | 1.522"                    | 1.607"                  |
| 1-1/2"-11.5 | 1.765"                    | 1.847"                  |
| 2"-11.5     | 2.242"                    | 2.327"                  |

As you can see from the chart above, the size of the pipe or fitting does not correspond to the size of the actual threaded hole.



This is a photo of a 3/4"-14 Stainless Steel Welding Flange  
The actual hole size is 0.936" and not 3/4".