1. Basic dimensions of the American National Standard Taper Pipe Thread are given in inches to 4 or 5 decimal places. While this implies a greater degree of precision than is ordinarily attained, these dimensions are the basis of the gauge dimensions and are so expressed for the purpose of eliminating errors in computations.

2. Also length of thin ring gauge and length from gauging notch to small end of plug gauge.

3. Also pitch diameter at gauging notch (handtight plane).

4. Also length of plug gauge.

5. The length L5 from the end of the pipe determines the plane beyond which the thread form is incomplete at the crest. The next 2 threads are complete at the root. At this plane, the cone formed by the crests of the thread intersects the cylinder forming the external surface of the pipe. L5=L2-2p

6. Given as information for use in selecting tap drills.

7. Military Specification MIL-P-7105 gives the wrench makeup as three threads for sizes 3 & smaller.

8. Reference dimension.

<table>
<thead>
<tr>
<th>Thread</th>
<th>Dry Torque (ft-lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; NPT</td>
<td>100 [136Nm]</td>
</tr>
<tr>
<td>2&quot; NPT</td>
<td>138 [186 Nm]</td>
</tr>
<tr>
<td>2 1/2&quot; NPT</td>
<td>146 [198 Nm]</td>
</tr>
</tbody>
</table>

Please see note 7 above.

NOTE: MOUNT STANDARD, STRADDLE MOUNT REQUIRES SPECIAL GAUGE CONSTRUCTION.

"A" = 2.320" for standard
"A" = 1.93" for "Y" Magnetel® if mounted, it will fit through a 2" pipe coupling but will NOT fit through 2" pipe nipple.
(All "Y" Magnetel® gauges are furnished with a 2" NPT adapter.)

* Robogauge & Eliminator

Note: Materials and specifications are subject to change without notice. Pressure ratings subject to change due to temperature and other environmental considerations.

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See reverse side for dimensional data, materials of construction, performance, and advice on how to order.

The Measure of Excellence