



Recess Dimensions for Flat Countersunk Trim Head Screws

ASME B 18.6.3-2013

| Nominal Size or Basic Screw Diameter | | Type I | | | | |
|---|--------|-----------|-----------------|-------------|---------------------------------|-------|
| | | Head Size | M | Driver Size | P | |
| | | | Recess Diameter | | Recess Penetration Gaging Depth | |
| | | | | | Max. | Min. |
| 4 | 0.1120 | 3 | 0.100 | 1 | 0.061 | 0.045 |
| 5 | 0.1250 | 4 | 0.122 | 1 | 0.082 | 0.066 |
| 6 | 0.1380 | 4 | 0.122 | 1 | 0.082 | 0.066 |
| 6 | 0.1380 | 5 | 0.148 | 2 | 0.075 | 0.052 |
| 8 | 0.1640 | 5 | 0.158 | 2 | 0.085 | 0.062 |
| 8 | 0.1640 | 6 | 0.176 | 2 | 0.103 | 0.080 |
| 10 | 0.1900 | 8 | 0.182 | 2 | 0.110 | 0.087 |
| 12 | 0.2160 | 8 | 0.192 | 2 | 0.120 | 0.097 |
| 12 | 0.2160 | 10 | 0.198 | 2 | 0.125 | 0.102 |
| 14 | 0.2420 | 10 | 0.198 | 2 | 0.125 | 0.102 |
| 14 | 0.2420 | 12 | 0.262 | 3 | 0.139 | 0.116 |
| 1/4 | 0.2500 | 10 | 0.198 | 2 | 0.125 | 0.102 |
| 1/4 | 0.2500 | 12 | 0.262 | 3 | 0.139 | 0.116 |
| 5/16 | 0.3125 | 12 | 0.262 | 3 | 0.139 | 0.116 |
| 5/16 | 0.3125 | 1/4 | 0.276 | 3 | 0.154 | 0.131 |
| 3/8 | 0.3750 | 5/16 | 0.358 | 4 | 0.196 | 0.174 |

NOTE: ALL DIMENSIONS ARE IN INCHES