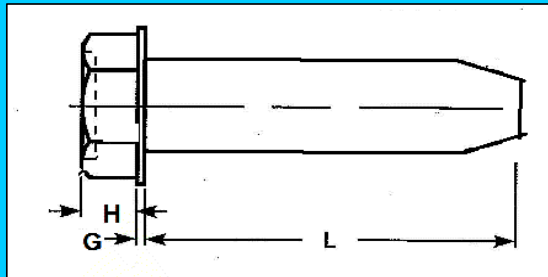
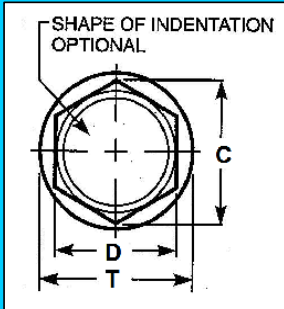




**Perine Danforth
Company, LLC**

**HEX WASHER HEAD TAPPING SCREW DIMENSIONS
UNSLOTTED**



| Nominal Screw Size or Diameter | D | | C | T | | G | | H | | |
|-----------------------------------|--------------------|-------|----------------------------|-----------------|-------|------------------|-------|-------------|-------|-------|
| | Width Across Flats | | Width Across Corners | Washer Diameter | | Washer Thickness | | Head Height | | |
| | Max | Min | Min | Max | Min | Max | Min | Max | Min | |
| 2 | 0.0860 | 0.125 | 0.120 | 0.134 | 0.166 | 0.154 | 0.016 | 0.010 | 0.050 | 0.040 |
| 3 | 0.0990 | 0.125 | 0.120 | 0.134 | 0.177 | 0.163 | 0.016 | 0.010 | 0.055 | 0.044 |
| 4 | 0.1120 | 0.188 | 0.181 | 0.202 | 0.243 | 0.225 | 0.019 | 0.011 | 0.060 | 0.049 |
| 5 | 0.1250 | 0.188 | 0.181 | 0.202 | 0.260 | 0.240 | 0.025 | 0.015 | 0.070 | 0.058 |
| 6 | 0.1380 | 0.250 | 0.244 | 0.272 | 0.328 | 0.302 | 0.025 | 0.015 | 0.093 | 0.080 |
| 7 | 0.1510 | 0.250 | 0.244 | 0.272 | 0.328 | 0.302 | 0.029 | 0.017 | 0.093 | 0.080 |
| 8 | 0.1640 | 0.250 | 0.244 | 0.272 | 0.348 | 0.322 | 0.031 | 0.019 | 0.110 | 0.096 |
| 10 | 0.1900 | 0.312 | 0.305 | 0.340 | 0.414 | 0.384 | 0.031 | 0.019 | 0.120 | 0.105 |
| 12 | 0.2160 | 0.312 | 0.305 | 0.340 | 0.432 | 0.398 | 0.039 | 0.022 | 0.155 | 0.139 |
| 14 | 0.2420 | 0.375 | 0.367 | 0.409 | 0.520 | 0.480 | 0.050 | 0.030 | 0.190 | 0.172 |
| 1/4 | 0.2500 | 0.375 | 0.367 | 0.409 | 0.520 | 0.480 | 0.050 | 0.030 | 0.190 | 0.172 |
| 5/16 | 0.3125 | 0.500 | 0.489 | 0.545 | 0.676 | 0.624 | 0.055 | 0.035 | 0.230 | 0.208 |
| 20 | 0.3200 | 0.500 | 0.489 | 0.545 | 0.676 | 0.624 | 0.055 | 0.035 | 0.230 | 0.208 |
| 24 | 0.3720 | 0.562 | 0.551 | 0.614 | 0.780 | 0.720 | 0.063 | 0.037 | 0.295 | 0.270 |
| 3/8 | 0.3750 | 0.562 | 0.551 | 0.614 | 0.780 | 0.720 | 0.063 | 0.037 | 0.295 | 0.270 |
| 7/16 | 0.4375 | 0.625 | 0.610 | 0.682 | 0.870 | 0.790 | 0.073 | 0.043 | 0.348 | 0.321 |
| 1/2 | 0.5000 | 0.750 | 0.735 | 0.820 | 1.040 | 0.960 | 0.085 | 0.050 | 0.400 | 0.367 |

Specifications per ASME B18.6.4 1998