



Draft Angle Reference Chart

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Draft angles commonly used from 1/32" to 1" are noted in degrees in the table below.
 Each block is the amount of draft with the corresponding angle and depth of the cavity.

| DEPTH | 1/2° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 15° | 20° | 25° | 30° | DEPTH |
|-------|-------|-------|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|------|------|------|-------|
| 1/32 | .0003 | .0005 | .001 | .0016 | .002 | .0027 | .003 | .0038 | .004 | .005 | .0055 | .006 | .0066 | .008 | .011 | .014 | .018 | 1/32 |
| 1/16 | .0005 | .0011 | .002 | .0033 | .004 | .0055 | .007 | .0077 | .009 | .01 | .011 | .012 | .013 | .017 | .023 | .029 | .036 | 1/16 |
| 3/32 | .0008 | .0017 | .003 | .0049 | .006 | .008 | .01 | .0115 | .013 | .015 | .0165 | .018 | .02 | .025 | .034 | .044 | .054 | 3/32 |
| 1/8 | .0011 | .0022 | .004 | .0066 | .009 | .0109 | .013 | .015 | .018 | .02 | .022 | .024 | .027 | .033 | .045 | .058 | .072 | 1/8 |
| 5/32 | .0014 | .0028 | .005 | .008 | .011 | .014 | .016 | .019 | .022 | .025 | .027 | .03 | .033 | .042 | .057 | .073 | .089 | 5/32 |
| 3/16 | .0016 | .0033 | .006 | .0098 | .013 | .016 | .019 | .023 | .027 | .03 | .033 | .036 | .04 | .05 | .068 | .087 | .108 | 3/16 |
| 7/32 | .0019 | .0039 | .008 | .011 | .015 | .019 | .023 | .027 | .031 | .035 | .039 | .042 | .047 | .059 | .08 | .102 | .126 | 7/32 |
| 1/4 | .0022 | .0043 | .009 | .013 | .018 | .022 | .026 | .031 | .035 | .04 | .044 | .049 | .053 | .067 | .091 | .117 | .144 | 1/4 |
| 9/32 | .0025 | .005 | .01 | .014 | .02 | .024 | .03 | .034 | .04 | .045 | .049 | .055 | .06 | .075 | .102 | .131 | .162 | 9/32 |
| 5/16 | .0027 | .0055 | .011 | .016 | .022 | .027 | .033 | .038 | .044 | .05 | .055 | .061 | .066 | .084 | .114 | .146 | .18 | 5/16 |
| 11/32 | .003 | .006 | .012 | .018 | .024 | .03 | .036 | .042 | .049 | .055 | .061 | .067 | .073 | .092 | .125 | .16 | .197 | 11/32 |
| 3/8 | .0032 | .0066 | .013 | .02 | .026 | .033 | .039 | .046 | .053 | .06 | .066 | .073 | .08 | .1 | .136 | .175 | .217 | 3/8 |
| 13/32 | .0035 | .007 | .014 | .021 | .028 | .035 | .043 | .05 | .057 | .064 | .071 | .079 | .086 | .108 | .148 | .189 | .234 | 13/32 |
| 7/16 | .0038 | .0077 | .015 | .023 | .031 | .038 | .046 | .054 | .062 | .069 | .077 | .085 | .093 | .117 | .159 | .204 | .253 | 7/16 |
| 15/32 | .0041 | .008 | .016 | .024 | .033 | .041 | .049 | .058 | .066 | .074 | .083 | .091 | .1 | .126 | .171 | .219 | .27 | 15/32 |
| 1/2 | .0044 | .0088 | .018 | .026 | .035 | .044 | .053 | .061 | .071 | .079 | .088 | .097 | .106 | .134 | .182 | .233 | .289 | 1/2 |
| 17/32 | .0046 | .009 | .019 | .028 | .037 | .046 | .056 | .065 | .075 | .084 | .093 | .103 | .113 | .142 | .193 | .247 | .306 | 17/32 |
| 9/16 | .0049 | .0099 | .02 | .03 | .039 | .049 | .059 | .069 | .079 | .088 | .099 | .109 | .12 | .151 | .205 | .262 | .325 | 9/16 |
| 19/32 | .0052 | .01 | .021 | .031 | .042 | .052 | .062 | .073 | .084 | .094 | .105 | .115 | .127 | .159 | .216 | .277 | .343 | 19/32 |
| 5/8 | .0055 | .011 | .022 | .033 | .044 | .055 | .066 | .077 | .088 | .1 | .11 | .12 | .133 | .167 | .227 | .291 | .361 | 5/8 |
| 21/32 | .0057 | .011 | .023 | .035 | .046 | .057 | .069 | .082 | .092 | .104 | .115 | .127 | .14 | .176 | .239 | .306 | .379 | 21/32 |
| 11/16 | .006 | .012 | .024 | .036 | .048 | .06 | .072 | .085 | .096 | .109 | .121 | .133 | .147 | .183 | .25 | .321 | .397 | 11/16 |
| 23/32 | .0063 | .013 | .025 | .038 | .05 | .063 | .075 | .088 | .101 | .114 | .126 | .139 | .153 | .193 | .261 | .335 | .415 | 23/32 |
| 3/4 | .0065 | .013 | .027 | .039 | .053 | .066 | .079 | .092 | .106 | .119 | .132 | .146 | .159 | .201 | .273 | .35 | .433 | 3/4 |
| 25/32 | .0068 | .014 | .028 | .04 | .055 | .068 | .081 | .096 | .11 | .124 | .137 | .152 | .166 | .209 | .284 | .364 | .451 | 25/32 |
| 13/16 | .0071 | .014 | .029 | .043 | .057 | .071 | .085 | .1 | .115 | .129 | .143 | .158 | .173 | .218 | .296 | .379 | .469 | 13/16 |
| 27/32 | .0074 | .015 | .03 | .045 | .059 | .074 | .089 | .104 | .119 | .134 | .149 | .163 | .18 | .226 | .307 | .393 | .487 | 27/32 |
| 7/8 | .0076 | .015 | .031 | .046 | .061 | .077 | .092 | .107 | .123 | .139 | .154 | .171 | .186 | .234 | .318 | .408 | .505 | 7/8 |
| 29/32 | .0079 | .016 | .032 | .048 | .063 | .079 | .095 | .111 | .128 | .144 | .159 | .176 | .193 | .243 | .329 | .422 | .523 | 29/32 |
| 15/16 | .0082 | .017 | .033 | .05 | .066 | .082 | .098 | .115 | .132 | .149 | .165 | .182 | .2 | .251 | .341 | .437 | .541 | 15/16 |
| 31/32 | .0085 | .017 | .034 | .051 | .068 | .084 | .101 | .119 | .137 | .153 | .17 | .188 | .206 | .26 | .353 | .452 | .559 | 31/32 |
| 1 | .0087 | .0175 | .035 | .052 | .07 | .087 | .105 | .123 | .141 | .158 | .176 | .194 | .213 | .268 | .364 | .466 | .577 | 1 |

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