

High Speed Steel Tapered End Mills

- Made from Premium-Grade High Speed Steel
- End cutting
- Weldon flat



| Angle Per Side | Tool No. | Tip Dia. (in.) | Length Of Cut (in.) | Shank Dia. (in.) | Overall Length (in.) | Code No. | Price \$ |
|----------------|----------|----------------|---------------------|------------------|----------------------|----------|----------|
| Inch | | | | | | | |
| 1/2° | | | | | | | |
| | AX103 | 3/32 | 3/4 | 3/8 | 2-7/8 | 154200 | 36.11 |
| | AX105 | 3/32 | 1-1/4 | 3/8 | 3-1/4 | 154201 | 41.17 |
| | AX203 | 1/8 | 3/4 | 3/8 | 2-7/8 | 154202 | 36.11 |
| | AX305 | 3/16 | 1-1/4 | 3/8 | 3-1/4 | 154203 | 44.12 |
| | AX405 | 1/4 | 1-1/4 | 3/8 | 3-1/4 | 154204 | 46.45 |
| | AX409 | 1/4 | 2-1/4 | 1/2 | 4-1/4 | 154205 | 66.56 |
| | AX609 | 3/8 | 2-1/4 | 1/2 | 4-1/4 | 154206 | 73.40 |
| 1° | | | | | | | |
| | A102 | 3/32 | 1/2 | 3/8 | 2-5/8 | 154207 | 34.20 |
| | A103 | 3/32 | 3/4 | 3/8 | 2-7/8 | 154208 | 36.63 |
| | A201 | 1/8 | 1/4 | 3/8 | 2-5/8 | 154209 | 32.76 |
| | A203 | 1/8 | 3/4 | 3/8 | 2-7/8 | 154210 | 36.63 |
| | A204 | 1/8 | 1 | 3/8 | 2-7/8 | 154211 | 40.75 |
| | A303 | 3/16 | 3/4 | 3/8 | 2-7/8 | 154212 | 37.14 |
| | A305 | 3/16 | 1-1/4 | 3/8 | 3-1/4 | 154213 | 44.52 |
| | A403 | 1/4 | 3/4 | 3/8 | 2-7/8 | 154214 | 37.43 |
| | A405 | 1/4 | 1-1/4 | 3/8 | 3-1/4 | 154215 | 46.70 |
| | A409 | 1/4 | 2-1/4 | 1/2 | 4-1/8 | 154216 | 70.82 |
| | A605 | 3/8 | 1-1/4 | 1/2 | 3-1/4 | 154217 | 56.76 |
| | A609 | 3/8 | 2-1/4 | 1/2 | 4-1/4 | 154218 | 78.94 |
| | A805 | 1/2 | 1-1/4 | 1/2 | 3-1/4 | 154219 | 72.74 |
| | A809 | 1/2 | 2-1/4 | 1/2 | 4-1/4 | 154220 | 89.40 |
| | A813 | 1/2 | 3-1/4 | 1/2 | 5-1/2 | 154221 | 110.83 |
| 1-1/2° | | | | | | | |
| | AAX203 | 1/8 | 3/4 | 3/8 | 2-7/8 | 154222 | 37.14 |
| | AAX405 | 1/4 | 1-1/4 | 3/8 | 3-1/4 | 154223 | 46.93 |
| 2° | | | | | | | |
| | B103 | 3/32 | 3/4 | 3/8 | 2-7/8 | 154225 | 37.29 |
| | B105 | 3/32 | 1-1/4 | 3/8 | 3-1/4 | 154226 | 42.30 |
| | B204 | 1/8 | 1 | 3/8 | 2-7/8 | 154227 | 42.20 |
| | B303 | 3/16 | 3/4 | 3/8 | 2-7/8 | 154228 | 37.80 |
| | B305 | 3/16 | 1-1/4 | 3/8 | 3-1/4 | 154229 | 45.66 |
| | B403 | 1/4 | 3/4 | 3/8 | 2-7/8 | 154230 | 38.07 |
| | B405 | 1/4 | 1-1/4 | 3/8 | 3-1/4 | 154231 | 47.20 |
| | B409 | 1/4 | 2-1/4 | 1/2 | 4-1/4 | 154232 | 74.04 |
| | B413 | 1/4 | 3-1/4 | 1/2 | 5-1/2 | 154233 | 109.92 |
| | B605 | 3/8 | 1-1/4 | 1/2 | 3-1/4 | 154234 | 68.49 |
| | B609 | 3/8 | 2-1/4 | 1/2 | 4-1/4 | 154235 | 85.91 |
| | B805 | 1/2 | 1-1/4 | 1/2 | 3-1/4 | 154236 | 73.77 |
| | B809 | 1/2 | 2-1/4 | 1/2 | 4-1/4 | 154237 | 93.12 |
| 3° | | | | | | | |
| | C104 | 3/32 | 1 | 3/8 | 2-7/8 | 154238 | 41.41 |
| | C106 | 3/32 | 1-1/4 | 3/8 | 3-1/4 | 154239 | 44.89 |
| | C203 | 1/8 | 3/4 | 3/8 | 2-7/8 | 154240 | 37.92 |
| | C204 | 1/8 | 1 | 3/8 | 2-7/8 | 154241 | 42.44 |
| | C303 | 3/16 | 3/4 | 3/8 | 2-7/8 | 154242 | 38.71 |
| | C305 | 3/16 | 1-1/4 | 3/8 | 3-1/4 | 154243 | 46.93 |
| | C403 | 1/4 | 3/4 | 3/8 | 2-7/8 | 154244 | 40.50 |
| | C405 | 1/4 | 1-1/4 | 3/8 | 3-1/4 | 154245 | 47.87 |
| | C409 | 1/4 | 2-1/4 | 1/2 | 4-1/4 | 154246 | 83.09 |
| | C605 | 3/8 | 1-1/4 | 1/2 | 3-1/4 | 154247 | 71.21 |
| | C805 | 1/2 | 1-1/4 | 1/2 | 3-1/4 | 154248 | 76.51 |
| | C809 | 1/2 | 2-1/4 | 5/8 | 4-3/8 | 154249 | 110.91 |
| 5° | | | | | | | |
| | E004 | 1/16 | 1 | 3/8 | 2-7/8 | 154250 | 44.89 |
| | E103 | 3/32 | 3/4 | 3/8 | 2-7/8 | 154251 | 39.62 |
| | E104 | 3/32 | 1 | 3/8 | 2-7/8 | 154252 | 42.03 |
| | E106 | 3/32 | 1-1/2 | 3/8 | 3-1/4 | 154253 | 45.91 |
| | E203 | 1/8 | 3/4 | 3/8 | 2-7/8 | 154254 | 38.43 |
| | E204 | 1/8 | 1 | 3/8 | 2-7/8 | 154255 | 42.59 |
| | E205 | 1/8 | 1-1/4 | 3/8 | 3-1/4 | 154256 | 45.66 |
| | E206 | 1/8 | 1-1/2 | 3/8 | 3-1/4 | 154257 | 52.77 |
| | E208 | 1/8 | 2 | 1/2 | 3-7/8 | 154258 | 69.14 |
| | E210B | 1/8 | 2-1/2 | 1/2 | 4-1/2 | 154259 | 90.54 |
| | E303 | 3/16 | 3/4 | 3/8 | 2-7/8 | 154260 | 39.37 |
| | E305 | 3/16 | 1-1/4 | 1/2 | 3-1/4 | 154261 | 49.17 |

| Angle Per Side | Tool No. | Tip Dia. | Length Of Cut | Shank Dia. | Overall Length | Code No. | Price \$ |
|----------------|--------------|----------|---------------|------------|----------------|----------|----------|
| 5° | | | | | | | |
| | E403 | 1/4 | 3/4 | 3/8 | 2-7/8 | 154262 | 41.95 |
| | E405 | 1/4 | 1-1/4 | 1/2 | 3-1/4 | 154264 | 51.35 |
| | E409A | 1/4 | 2-1/4 | 5/8 | 4-1/2 | 154265 | 99.73 |
| | E605 | 3/8 | 1-1/4 | 1/2 | 3-1/4 | 154266 | 75.84 |
| | E609 | 3/8 | 2-1/4 | 3/4 | 4-3/4 | 154267 | 115.84 |
| | E613 | 3/8 | 3-1/4 | 3/4 | 5-1/2 | 154268 | 180.84 |
| | E805 | 1/2 | 1-1/4 | 1/2 | 3-1/4 | 154269 | 91.84 |
| | E809 | 1/2 | 2-1/4 | 3/4 | 4-1/2 | 154270 | 147.96 |
| 7° | | | | | | | |
| | G004 | 1/16 | 1 | 3/8 | 2-7/8 | 154271 | 46.93 |
| | G104 | 3/32 | 1 | 3/8 | 2-7/8 | 154272 | 43.73 |
| | G203 | 1/8 | 3/4 | 3/8 | 2-7/8 | 154273 | 39.87 |
| | G206 | 1/8 | 1-1/2 | 1/2 | 3-1/4 | 154274 | 53.16 |
| | G305 | 3/16 | 1-1/4 | 1/2 | 3-1/8 | 154275 | 59.62 |
| | G403 | 1/4 | 3/4 | 1/2 | 3 | 154276 | 53.16 |
| | G405 | 1/4 | 1-1/4 | 1/2 | 3-1/4 | 154277 | 61.55 |
| | G409 | 1/4 | 2-1/4 | 3/4 | 4-1/2 | 154278 | 130.01 |
| | G609 | 3/8 | 2-1/4 | 3/4 | 4-1/2 | 154279 | 166.66 |
| 10° | | | | | | | |
| | J102 | 3/32 | 1/2 | 3/8 | 2-5/8 | 154280 | 40.75 |
| | J106 | 3/32 | 1-1/2 | 1/2 | 3-1/2 | 154281 | 84.88 |
| | J203 | 1/8 | 3/4 | 3/8 | 2-7/8 | 154282 | 43.99 |
| | J205 | 1/8 | 1-1/4 | 1/2 | 3-1/4 | 154283 | 66.17 |
| | J309 | 3/16 | 2-1/4 | 3/4 | 4-1/2 | 154284 | 178.41 |
| | J403 | 1/4 | 3/4 | 1/2 | 2-7/8 | 154285 | 54.07 |
| | J405 | 1/4 | 1-1/4 | 1/2 | 3-1/4 | 154286 | 85.53 |
| | J409 | 1/4 | 2-1/4 | 3/4 | 4-1/2 | 154287 | 185.49 |
| | J605 | 3/8 | 1-1/4 | 5/8 | 3-1/2 | 154288 | 105.00 |
| | J805 | 1/2 | 1-1/4 | 3/4 | 3-1/2 | 154289 | 125.28 |
| 15° | | | | | | | |
| | P103 | 3/32 | 3/4 | 1/2 | 2-3/4 | 154290 | 54.41 |
| | P106 | 3/32 | 1-1/2 | 3/4 | 3-3/4 | 154291 | 106.18 |
| | P202 | 1/8 | 1/2 | 3/8 | 2-7/8 | 154292 | 47.10 |
| | P204 | 1/8 | 1 | 1/2 | 3 | 154293 | 68.24 |
| | P304 | 3/16 | 1 | 1/2 | 3 | 154294 | 110.28 |
| | P404 | 1/4 | 1 | 1/2 | 3 | 154295 | 103.60 |
| | P406 | 1/4 | 1-1/2 | 3/4 | 3-3/4 | 154296 | 135.82 |
| | P605 | 3/8 | 1-1/4 | 3/4 | 3-5/8 | 154297 | 143.56 |
| | P805 | 1/2 | 1-1/4 | 3/4 | 3-1/2 | 154298 | 170.00 |
| 20° | | | | | | | |
| | T0002 | 1/32 | 1/2 | 3/8 | 2-1/2 | 154319 | 84.00 |
| | T002 | 1/16 | 1/2 | 3/8 | 2-1/2 | 154320 | 67.08 |
| | T103 | 3/32 | 3/4 | 1/2 | 2-3/4 | 154321 | 68.24 |
| | T202 | 1/8 | 1/2 | 3/8 | 2-1/2 | 154299 | 69.03 |
| | T204 | 1/8 | 1 | 1/2 | 3 | 154322 | 118.42 |
| | T304 | 3/16 | 1 | 1/2 | 3 | 154323 | 126.57 |
| | T404 | 1/4 | 1 | 1/2 | 3 | 154324 | 132.48 |
| | T406 | 1/4 | 1-1/2 | 3/4 | 4 | 154325 | 204.72 |
| | T504 | 5/16 | 1 | 3/4 | 3-3/8 | 154326 | 143.06 |
| | T506 | 5/16 | 1-1/2 | 3/4 | 3-1/2 | 154327 | 211.94 |
| | T606 | 3/8 | 1-1/2 | 3/4 | 4 | 154328 | 312.57 |
| | T608 | 3/8 | 2 | 1 | 4-1/2 | 154329 | 418.18 |
| | T809 | 1/2 | 2-1/4 | 1-1/4 | 4-3/4 | 154330 | 477.00 |
| 30° | | | | | | | |
| | U002A | 1/16 | 1/2 | 1/2 | 2-1/2 | 154331 | 93.63 |
| | U103 | 3/32 | 3/4 | 1/2 | 2-3/4 | 154332 | 94.93 |
| | U202 | 1/8 | 1/2 | 1/2 | 2-1/2 | 154333 | 89.13 |
| | U204B | 1/8 | 1 | 1/2 | 3-1/8 | 154334 | 192.08 |
| | U204A | 1/8 | 1 | 5/8 | 3-1/8 | 154335 | 192.08 |
| | U404 | 1/4 | 1 | 3/4 | 3-1/2 | 154336 | 215.69 |
| | U406 | 1/4 | 1-1/2 | 1 | 4-1/8 | 154337 | 374.33 |
| | U605 | 3/8 | 1-1/4 | 1 | 4 | 154338 | 370.83 |
| | U606 | 3/8 | 1-1/2 | 1 | 4-1/4 | 154339 | 412.91 |
| | U805 | 1/2 | 1-1/4 | 1 | 4 | 154340 | 408.52 |
| | U806 | 1/2 | 1-1/2 | 1 | 4-1/4 | 154341 | 440.37 |
| 35° | | | | | | | |
| | V203 (4-fl.) | 1/8 | 3/4 | 1/2 | 3 | 154342 | 250.13 |
| | V404 (4-fl.) | 1/4 | 1 | 1 | 3-1/4 | 154344 | 322.09 |
| 45° | | | | | | | |
| | WA215 | 1/8 | 5/16 | 1/2 | 2-5/8 | 154345 | 106.67 |
| | WA215 (SP) | 1/8 | 5/16 | 1/2 | 2-5/8 | 154346 | 111.57 |
| | WA203 | 1/8 | 3/4 | 5/8 | 3-1/4 | 154347 | 246.10 |
| | WA203 (SP) | 1/8 | 3/4 | 5/8 | 3-1/4 | 154348 | 250.91 |
| | WA204B | 1/8 | 1 | 3/4 | 3-3/4 | 154349 | 342.09 |
| | WA204B (SP) | 1/8 | 1 | 3/4 | 3-3/4 | 154350 | 349.94 |
| | WA204A | 1/8 | 1 | 1 | 3-3/4 | 154351 | 342.09 |
| | WA204A (SP) | 1/8 | 1 | 1 | 3-3/4 | 154352 | 349.94 |