

LEWIS

TWIST DRILL BITS FOR DEEP DRILLING IN SOFT AND EUROPEAN HARDWOODS

CUTTING EDGES

With round-section twist flute, threaded tip, very high quality main cutting edge and roughing tooth.

SHANK CONNECTION

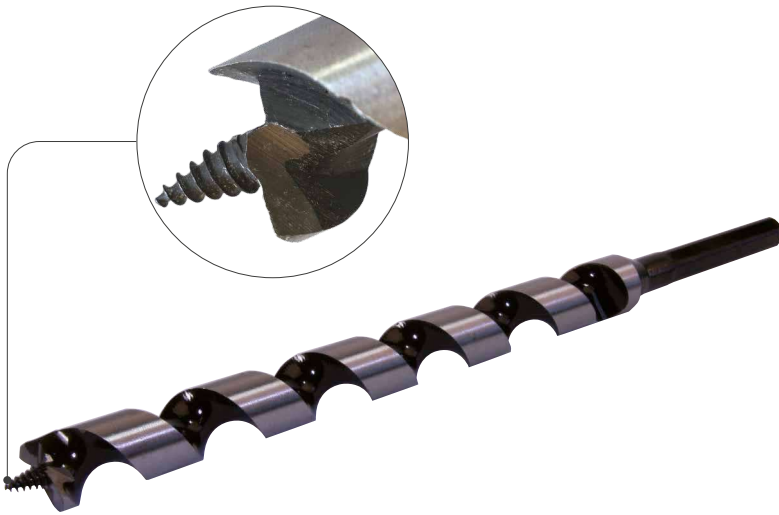
Version with independent head and hex shank (starting from Ø8 mm).

QUALITY MATERIAL

Made of specific alloy steel for tools (WS).

LONG HOLES

Drilling over 2 metres is possible with the two long versions (Ø13 mm and Ø16 mm), ideal for installing RTR threaded rods.



TL total length
SL spiral length



CODES AND DIMENSIONS

| CODE | Ø tip | | Ø shank | | TL | | SL | | pcs |
|----------|-------|-------|---------|------|------|-------|------|-------|-----|
| | [mm] | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] | |
| F1410205 | 5 | 0.197 | 4,5 | 3/16 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410206 | 6 | 0.236 | 5,5 | 7/32 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410207 | 7 | 0.276 | 6,5 | 1/4 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410208 | 8 | 0.315 | 7,8 | 5/16 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410210 | 10 | 0.394 | 9,8 | 3/8 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410212 | 12 | 0.472 | 11,8 | 7/16 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410214 | 14 | 0.551 | 13 | 1/2 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410216 | 16 | 0.630 | 13 | 1/2 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410218 | 18 | 0.709 | 13 | 1/2 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410220 | 20 | 0.787 | 13 | 1/2 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410222 | 22 | 0.866 | 13 | 1/2 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410224 | 24 | 0.945 | 13 | 1/2 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410228 | 28 | 1.102 | 13 | 1/2 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410230 | 30 | 1.181 | 13 | 1/2 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410232 | 32 | 1.260 | 13 | 1/2 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410242 | 42 | 1.654 | 13 | 1/2 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |

| CODE | Ø tip | | Ø shank | | TL | | SL | | pcs |
|----------|-------|-------|---------|------|------|--------|------|---------|-----|
| | [mm] | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] | |
| F1410305 | 5 | 0.197 | 4,5 | 3/16 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410306 | 6 | 0.236 | 5,5 | 7/32 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410307 | 7 | 0.276 | 6,5 | 1/4 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410308 | 8 | 0.315 | 7,8 | 5/16 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410309 | 9 | 0.354 | 8 | 5/16 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410310 | 10 | 0.394 | 9,8 | 3/8 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410312 | 12 | 0.472 | 11,8 | 7/16 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410314 | 14 | 0.551 | 13 | 1/2 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410316 | 16 | 0.630 | 13 | 1/2 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410318 | 18 | 0.709 | 13 | 1/2 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410320 | 20 | 0.787 | 13 | 1/2 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410322 | 22 | 0.866 | 13 | 1/2 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410324 | 24 | 0.945 | 13 | 1/2 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410326 | 26 | 1.024 | 13 | 1/2 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410328 | 28 | 1.102 | 13 | 1/2 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410330 | 30 | 1.181 | 13 | 1/2 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410332 | 32 | 1.260 | 13 | 1/2 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |

| CODE | Ø tip | | Ø shank | | TL | | SL | | pcs |
|----------|-------|-------|---------|------|------|---------|------|---------|-----|
| | [mm] | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] | |
| F1410405 | 5 | 0.197 | 4,5 | 3/16 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410406 | 6 | 0.236 | 5,5 | 7/32 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410407 | 7 | 0.276 | 6,5 | 1/4 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410408 | 8 | 0.315 | 7,8 | 5/16 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410409 | 9 | 0.354 | 8,0 | 5/16 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410410 | 10 | 0.394 | 9,8 | 3/8 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410412 | 12 | 0.472 | 11,8 | 7/16 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410414 | 14 | 0.551 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410416 | 16 | 0.630 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410418 | 18 | 0.709 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410420 | 20 | 0.787 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410422 | 22 | 0.866 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410424 | 24 | 0.945 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410426 | 26 | 1.024 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410428 | 28 | 1.102 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410430 | 30 | 1.181 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410432 | 32 | 1.260 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410440 | 40 | 1.575 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410450 | 50 | 1.969 | 13 | 1/2 | 460 | 18 1/8 | 380 | 15 | 1 |
| F1410612 | 12 | 0.472 | 11,8 | 7/16 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |
| F1410614 | 14 | 0.551 | 13 | 1/2 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |
| F1410616 | 16 | 0.630 | 13 | 1/2 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |
| F1410618 | 18 | 0.709 | 13 | 1/2 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |

| CODE | Ø tip | | Ø shank | | TL | | SL | | pcs |
|----------|-------|-------|---------|------|------|---------|------|---------|-----|
| | [mm] | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] | |
| F1410620 | 20 | 0.787 | 13 | 1/2 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |
| F1410622 | 22 | 0.866 | 13 | 1/2 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |
| F1410624 | 24 | 0.945 | 13 | 1/2 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |
| F1410626 | 26 | 1.024 | 13 | 1/2 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |
| F1410628 | 28 | 1.102 | 13 | 1/2 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |
| F1410630 | 30 | 1.181 | 13 | 1/2 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |
| F1410632 | 32 | 1.260 | 13 | 1/2 | 650 | 25 9/16 | 535 | 21 1/16 | 1 |
| F1410014 | 14 | 0.551 | 13 | 1/2 | 1080 | 42 1/2 | 1010 | 39 3/4 | 1 |
| F1410016 | 16 | 0.630 | 13 | 1/2 | 1080 | 42 1/2 | 1010 | 39 3/4 | 1 |
| F1410018 | 18 | 0.709 | 13 | 1/2 | 1080 | 42 1/2 | 1010 | 39 3/4 | 1 |
| F1410020 | 20 | 0.787 | 13 | 1/2 | 1080 | 42 1/2 | 1010 | 39 3/4 | 1 |
| F1410022 | 22 | 0.866 | 13 | 1/2 | 1080 | 42 1/2 | 1010 | 39 3/4 | 1 |
| F1410024 | 24 | 0.945 | 13 | 1/2 | 1080 | 42 1/2 | 1010 | 39 3/4 | 1 |
| F1410026 | 26 | 1.024 | 13 | 1/2 | 1080 | 42 1/2 | 1010 | 39 3/4 | 1 |
| F1410028 | 28 | 1.102 | 13 | 1/2 | 1080 | 42 1/2 | 1010 | 39 3/4 | 1 |
| F1410030 | 30 | 1.181 | 13 | 1/2 | 1080 | 42 1/2 | 1010 | 39 3/4 | 1 |
| F1410032 | 32 | 1.260 | 13 | 1/2 | 1080 | 42 1/2 | 1010 | 39 3/4 | 1 |
| F1410134 | 34 | 1.339 | 13 | 1/2 | 1000 | 39 3/8 | 535 | 21 1/16 | 1 |
| F1410136 | 36 | 1.417 | 13 | 1/2 | 1000 | 39 3/8 | 535 | 21 1/16 | 1 |
| F1410138 | 38 | 1.496 | 13 | 1/2 | 1000 | 39 3/8 | 535 | 21 1/16 | 1 |
| F1410140 | 40 | 1.575 | 13 | 1/2 | 1000 | 39 3/8 | 535 | 21 1/16 | 1 |
| F1410145 | 45 | 1.772 | 13 | 1/2 | 1000 | 39 3/8 | 535 | 21 1/16 | 1 |
| F1410150 | 50 | 1.969 | 13 | 1/2 | 1000 | 39 3/8 | 535 | 21 1/16 | 1 |

LEWIS - LONG

| CODE | Ø tip | | Ø shank | | TL | | SL | | pcs |
|----------|-------|-------|---------|------|------|--------|------|--------|-----|
| | [mm] | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] | |
| F1416213 | 13 | 0.512 | 13 | 1/2 | 2280 | 89 3/4 | 2200 | 86 5/8 | 1 |
| F1416216 | 16 | 0.630 | 13 | 1/2 | 2280 | 89 3/4 | 2200 | 86 5/8 | 1 |

LEWIS - INCH

| CODE | Ø tip | | Ø shank | | TL | | SL | | pcs |
|----------|-------|-------|---------|------|--------|------|------|------|-----|
| | [in] | [mm] | [in] | [mm] | [in] | [mm] | [in] | [mm] | |
| F1416510 | 3/8 | 9,53 | 0.354 | 9 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416512 | 7/16 | 11,11 | 0.433 | 11 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416513 | 1/2 | 12,70 | 0.472 | 12 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416515 | 9/16 | 14,29 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416516 | 5/8 | 15,88 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416518 | 11/16 | 17,46 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416520 | 3/4 | 19,05 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416521 | 13/16 | 20,64 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416523 | 7/8 | 22,23 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416524 | 15/16 | 23,81 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416526 | 1 | 25,40 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416529 | 1-1/8 | 28,58 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416532 | 1-1/4 | 31,75 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416535 | 1-3/8 | 34,93 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |
| F1416539 | 1-1/2 | 38,10 | 0.512 | 13 | 18 1/2 | 460 | 15 | 380 | 1 |

LEWIS - SET

CODES AND DIMENSIONS

| CODE | Ø set | TL | | SL | | pcs |
|----------|--------------------------------|------|--------|------|---------|-----|
| | [mm] | [mm] | [in] | [mm] | [in] | |
| F1410200 | 6, 8, 10, 12, 14, 16, 18, 20 | 235 | 9 1/4 | 160 | 6 1/4 | 1 |
| F1410303 | 10, 12, 14, 16, 18, 20, 22, 24 | 320 | 12 5/8 | 255 | 10 1/16 | 1 |
| F1410403 | 10, 12, 14, 16, 18, 20, 22, 24 | 460 | 18 1/8 | 380 | 15 | 1 |

