





mm 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 mm

Please note all dimensions specified are actual working depths.

**COMPOSED HOLLOW TINES**

- #317.330.300: 30 x 300mm, 1.3/16 x 12"
- #311.240.862: 24mm shank
- #317.330.220: 30 x 225mm, 1.3/16 x 9"
- #311.240.860: 18mm shank
- #317.330.150: 30 x 150mm, 1.3/16 x 6"
- #311.180.782: 18mm shank
- #317.322.250: 22 x 250mm, 7/8 x 10"
- #311.180.780: 12mm shank
- #317.322.150: 22 x 150mm, 7/8 x 6"
- #311.120.690: 12mm shank
- #317.316.200: 16 x 200mm, 5/8 x 8"
- #317.316.150: 16 x 150mm, 5/8 x 6"

**VERTI-CORE TINES**

- #4002315 M16
- #4001675 M10
- #314.208.043 8mm→12mm
- #812.100.401 XL M10
- #314.205.043 5mm→12mm
- #2451800 18mm→24mm
- #9990075: 21 x 12 x 125mm, 3/16 x 1/2 x 5", 19mm mounting
- #311.219.158: 19 x 10 x 110mm, 3/4 x 3/8 x 4.3/8", 19mm mounting
- #311.210.080: 10 x 6 x 80mm, 3/8 x 1/4 x 3", 8mm shank
- #311.619.127: 5 x 30 x 90mm, 3/16 x 13/16 x 3/12", 19mm mounting
- #311.219.159: 19 x 10 x 125mm, 3/4 x 3/8 x 5", 19mm mounting
- #311.219.138: 16 x 7 x 110mm, 5/8 x 1/4 x 4.3/8", 19mm mounting
- #311.108.095: 8 x 95mm, 5/16 x 3/13/16", 8mm shank

**EASY-CORE TINES**

- #9990034: 32 x 21 x 300mm, 1 1/4 x 13/16 x 12", 24mm shank, #9990039
- #9990041: 32 x 21 x 300mm, 1 1/4 x 13/16 x 12", 18mm shank, #9990039
- #9990066: 29 x 19 x 250mm, 1 1/8 x 3/4 x 10", 18mm shank, #97990067
- #9990024: 25 x 16 x 250mm, 1 x 5/8 x 10", 18mm shank, #9990038
- #9990023: 19 x 12 x 250mm, 3/4 x 1/2 x 10", 18mm shank, #9990037
- #311.225.225: 25 x 16 x 225mm, 1 x 5/8 x 9", 18mm shank, #311.725.225
- #311.219.226: 19 x 12 x 225mm, 3/4 x 1/2 x 9", 12mm shank, #311.719.225
- #311.225.200: 25 x 16 x 200mm, 1 x 5/8 x 8", 18mm shank, #311.725.200
- #311.219.201: 19 x 12 x 200mm, 3/4 x 1/2 x 8", 12mm shank, #311.719.200
- #311.219.150: 19 x 12 x 150mm, 3/4 x 1/2 x 6", 12mm shank, #311.719.150
- #311.210.127: 10 x 6 x 125mm, 3/8 x 1/4 x 5", 8mm shank
- #311.619.175: 4.8 x 19 x 175mm, 3/16 x 3/4 x 7", 12mm shank
- #311.210.080: 10 x 6 x 80mm, 3/8 x 1/4 x 3", 8mm shank
- #311.216.150: 16 x 10 x 150mm, 5/8 x 3/8 x 6", 12mm shank, #311.716.150
- #9990022: 16 x 10 x 175mm, 5/8 x 3/8 x 7", 12mm shank, #9990036
- #311.210.080: 10 x 6 x 80mm, 3/8 x 1/4 x 3", 8mm shank
- #311.619.120: 4.8 x 19 x 120mm, 3/16 x 3/4 x 4.3/4", 12mm shank
- #E91919.592: 45 x 38 x 70mm, 1.3/4 x 11/2 x 2.3/4"
- #E91909.597: 22 x 16 x 70mm, 7/8 x 5/8 x 2.3/4"
- #E91919.590: 16 x 9.5 x 70mm, 5/8 x 3/8 x 2.3/4"
- #E91919.499: 22 x 70mm, 7/8 x 2.3/4"
- #E91919.591: 9.5 x 70mm, 3/8 x 2.3/4"

Also available as tube only\*