

HSS

WIERTŁA NWKc • DIN 345 • STANDARD

Standardowe wiertła do stali stopowych i niestopowych, staliwa, żeliwa szarego i sferoidalnego, spiekanych metali proszkowych, alpacki, grafitu.

| | | | |
|-------------------|-----------------------|----------------------|----------------------------|
| Norma | NWKc • DIN 345 | Chwyć | stożkowy Morse'a MK |
| Materiał | HSS | Kierunek skrawania | prawoskrętne |
| Kąt wierzchołkowy | 118° | Metoda produkcji | walcowane |
| Typ | N | Obróbka dodatkowa | pasywowane-czarne |
| Tolerancja otworu | H12 | Zalecana jednorazowa | do 4xd (średnica) |
| Kąt spirali | 25° | głębokość skrawania | |

| d | L | I1 | cena | M | d | L | I1 | cena | M | d | L | I1 | cena | M | d | L | I1 | cena | M |
|------|-----|-----|---------|---|------|-----|-----|---------|---|------|-----|-----|---------|---|------|-----|-----|---------|---|
| mm | mm | mm | zł/szt. | K | mm | mm | mm | zł/szt. | K | mm | mm | mm | zł/szt. | K | mm | mm | mm | zł/szt. | K |
| 5,0 | 133 | 52 | | | 20,5 | 243 | 145 | | | 36,0 | | | | | 53,0 | 374 | 225 | | |
| 5,5 | 138 | 57 | | | 21,0 | | | | | 36,5 | | | | | 54,0 | | | | |
| 6,0 | | | | | 21,5 | | | | 2 | 37,0 | 344 | 195 | | | 55,0 | 417 | 230 | | |
| 6,5 | 144 | 63 | | | 22,0 | 248 | 150 | | | 37,5 | | | | | 56,0 | | | | |
| 7,0 | | | | | 22,5 | | | | | 38,0 | | | | | 57,0 | | | | |
| 7,5 | 150 | 69 | | | 23,0 | 253 | 155 | | | 38,5 | | | | | 58,0 | 442 | 235 | | |
| 8,0 | | | | | 23,5 | | | | | 39,0 | 349 | 200 | | | 59,0 | | | | 5 |
| 8,5 | 156 | 75 | | | 24,0 | | | | | 39,5 | | | | | 60,0 | | | | |
| 9,0 | | | | | 24,5 | 281 | 160 | | | 40,0 | | | | | 61,0 | | | | |
| 9,5 | 162 | 81 | | 1 | 25,0 | | | | | 40,5 | | | | | 62,0 | 427 | 240 | | |
| 10,0 | | | | | 25,5 | | | | | 41,0 | | | | | 63,0 | | | | |
| 10,5 | 168 | 87 | | | 26,0 | 286 | 165 | | | 41,5 | 354 | 205 | | | 64,0 | 432 | 245 | | |
| 11,0 | | | | | 26,5 | | | | | 42,0 | | | | | 65,0 | | | | |
| 11,5 | 175 | 94 | | | 27,0 | | | | | 42,5 | | | | | | | | | |
| 12,0 | | | | | 27,5 | 291 | 170 | | | 43,0 | | | | 4 | | | | | |
| 12,5 | 182 | 101 | | | 28,0 | | | | 3 | 43,5 | | | | | | | | | |
| 13,0 | | | | | 28,5 | | | | | 44,0 | 359 | 210 | | | | | | | |
| 13,5 | 189 | 108 | | | 29,0 | | | | | 44,5 | | | | | | | | | |
| 14,0 | | | | | 29,5 | 296 | 175 | | | 45,0 | | | | | | | | | |
| 14,5 | 212 | 114 | | | 30,0 | | | | | 45,5 | | | | | | | | | |
| 15,0 | | | | | 30,5 | | | | | 46,0 | | | | | | | | | |
| 15,5 | 218 | 120 | | | 31,0 | 301 | 180 | | | 46,5 | 364 | 215 | | | | | | | |
| 16,0 | | | | | 31,5 | | | | | 47,0 | | | | | | | | | |
| 16,5 | 223 | 125 | | | 32,0 | | | | | 47,5 | | | | | | | | | |
| 17,0 | | | | | 32,5 | 334 | 185 | | | 48,0 | | | | | | | | | |
| 17,5 | 228 | 130 | | 2 | 33,0 | | | | | 48,5 | | | | | | | | | |
| 18,0 | | | | | 33,5 | | | | | 49,0 | 369 | 220 | | | | | | | |
| 18,5 | 233 | 135 | | | 34,0 | | | | | 49,5 | | | | | | | | | |
| 19,0 | | | | | 34,5 | 339 | 190 | | 4 | 50,0 | | | | | | | | | |
| 19,5 | 238 | 140 | | | 35,0 | | | | | 51,0 | | | | | 5 | | | | |
| 20,0 | | | | | 35,5 | | | | | 52,0 | 374 | 225 | | | | | | | |