

TECHNICAL DATASHEET

Update : 26/02/2019

CYLINDRICAL HSS DRILL BITS - HSS - LONG



Characteristics

| Ref. | EAN | Drilling diameter mm | Total length mm | Length of cut mm | Body material | Sharpening | Tip angle | Tail diameter mm | Internal cooling | Din standard | Angle of helix ° |
|--------|---------------|----------------------|-----------------|------------------|---------------|------------|-----------|------------------|------------------|--------------|------------------|
| 861298 | 3660338161056 | 1,0 | 56 | 33 | HSS | Standard | 118 | 1,0 | No | 340 N | 30 |
| 861299 | 3660338161063 | 1,1 | 60 | 37 | HSS | Standard | 118 | 1,1 | No | 340 N | 30 |
| 861300 | 3660338161070 | 1,2 | 65 | 41 | HSS | Standard | 118 | 1,2 | No | 340 N | 30 |
| 861301 | 3660338161087 | 1,3 | 65 | 41 | HSS | Standard | 118 | 1,3 | No | 340 N | 30 |
| 861302 | 3660338161094 | 1,4 | 70 | 45 | HSS | Standard | 118 | 1,4 | No | 340 N | 30 |
| 861303 | 3660338161100 | 1,5 | 70 | 45 | HSS | Standard | 118 | 1,5 | No | 340 N | 30 |
| 861304 | 3660338161117 | 1,6 | 76 | 50 | HSS | Standard | 118 | 1,6 | No | 340 N | 30 |
| 861305 | 3660338161124 | 1,7 | 76 | 50 | HSS | Standard | 118 | 1,7 | No | 340 N | 30 |
| 861306 | 3660338161131 | 1,8 | 80 | 53 | HSS | Standard | 118 | 1,8 | No | 340 N | 30 |
| 861307 | 3660338161148 | 1,9 | 80 | 53 | HSS | Standard | 118 | 1,9 | No | 340 N | 30 |
| 861308 | 3660338161155 | 2,0 | 85 | 56 | HSS | Standard | 118 | 2,0 | No | 340 N | 30 |
| 861309 | 3660338161162 | 2,1 | 85 | 56 | HSS | Standard | 118 | 2,1 | No | 340 N | 30 |
| 861310 | 3660338161179 | 2,2 | 90 | 59 | HSS | Standard | 118 | 2,2 | No | 340 N | 30 |
| 861311 | 3660338161186 | 2,3 | 90 | 59 | HSS | Standard | 118 | 2,3 | No | 340 N | 30 |
| 861312 | 3660338161193 | 2,4 | 95 | 62 | HSS | Standard | 118 | 2,4 | No | 340 N | 30 |
| 861313 | 3660338161209 | 2,5 | 95 | 62 | HSS | Standard | 118 | 2,5 | No | 340 N | 30 |
| 861314 | 3660338161216 | 2,6 | 95 | 62 | HSS | Standard | 118 | 2,6 | No | 340 N | 30 |
| 861315 | 3660338161223 | 2,7 | 100 | 66 | HSS | Standard | 118 | 2,7 | No | 340 N | 30 |
| 861316 | 3660338161230 | 2,8 | 100 | 66 | HSS | Standard | 118 | 2,8 | No | 340 N | 30 |
| 861317 | 3660338161247 | 2,9 | 100 | 66 | HSS | Standard | 118 | 2,9 | No | 340 N | 30 |
| 861318 | 3660338161254 | 3,0 | 100 | 66 | HSS | Standard | 118 | 3,0 | No | 340 N | 30 |
| 861319 | 3660338161261 | 3,1 | 106 | 69 | HSS | Standard | 118 | 3,1 | No | 340 N | 30 |
| 861320 | 3660338161278 | 3,2 | 106 | 69 | HSS | Standard | 118 | 3,2 | No | 340 N | 30 |
| 861321 | 3660338161285 | 3,3 | 106 | 69 | HSS | Standard | 118 | 3,3 | No | 340 N | 30 |
| 861322 | 3660338161292 | 3,4 | 112 | 73 | HSS | Standard | 118 | 3,4 | No | 340 N | 30 |
| 861323 | 3660338161308 | 3,5 | 112 | 73 | HSS | Standard | 118 | 3,5 | No | 340 N | 30 |
| 861324 | 3660338161315 | 3,6 | 112 | 73 | HSS | Standard | 118 | 3,6 | No | 340 N | 30 |
| 861325 | 3660338161322 | 3,7 | 112 | 73 | HSS | Standard | 118 | 3,7 | No | 340 N | 30 |
| 861326 | 3660338161339 | 3,8 | 119 | 78 | HSS | Standard | 118 | 3,8 | No | 340 N | 30 |
| 861327 | 3660338161346 | 3,9 | 119 | 78 | HSS | Standard | 118 | 3,9 | No | 340 N | 30 |
| 861328 | 3660338161353 | 4,0 | 119 | 78 | HSS | Standard | 118 | 4,0 | No | 340 N | 30 |
| 861329 | 3660338161360 | 4,1 | 119 | 78 | HSS | Standard | 118 | 4,1 | No | 340 N | 30 |
| 861330 | 3660338161377 | 4,2 | 119 | 78 | HSS | Standard | 118 | 4,2 | No | 340 N | 30 |
| 861331 | 3660338161384 | 4,3 | 126 | 82 | HSS | Standard | 118 | 4,3 | No | 340 N | 30 |
| 861332 | 3660338161391 | 4,4 | 126 | 82 | HSS | Standard | 118 | 4,4 | No | 340 N | 30 |
| 861333 | 3660338161407 | 4,5 | 126 | 82 | HSS | Standard | 118 | 4,5 | No | 340 N | 30 |
| 861334 | 3660338161414 | 4,6 | 126 | 82 | HSS | Standard | 118 | 4,6 | No | 340 N | 30 |

| | | | | | | | | | | | |
|--------|---------------|-------|-----|-----|-----|----------|-----|-------|----|-------|----|
| 861335 | 3660338161421 | 4,7 | 126 | 82 | HSS | Standard | 118 | 4,7 | No | 340 N | 30 |
| 861336 | 3660338161438 | 4,8 | 132 | 87 | HSS | Standard | 118 | 4,8 | No | 340 N | 30 |
| 861337 | 3660338161445 | 4,9 | 132 | 87 | HSS | Standard | 118 | 4,9 | No | 340 N | 30 |
| 861338 | 3660338161452 | 5,0 | 132 | 87 | HSS | Standard | 118 | 5,0 | No | 340 N | 30 |
| 861339 | 3660338161469 | 5,1 | 132 | 87 | HSS | Standard | 118 | 5,1 | No | 340 N | 30 |
| 861340 | 3660338161476 | 5,2 | 132 | 87 | HSS | Standard | 118 | 5,2 | No | 340 N | 30 |
| 861341 | 3660338161483 | 5,3 | 132 | 87 | HSS | Standard | 118 | 5,3 | No | 340 N | 30 |
| 861342 | 3660338161490 | 5,4 | 139 | 91 | HSS | Standard | 118 | 5,4 | No | 340 N | 30 |
| 861343 | 3660338161506 | 5,5 | 139 | 91 | HSS | Standard | 118 | 5,5 | No | 340 N | 30 |
| 861344 | 3660338161513 | 5,6 | 139 | 91 | HSS | Standard | 118 | 5,6 | No | 340 N | 30 |
| 861345 | 3660338161520 | 5,7 | 139 | 91 | HSS | Standard | 118 | 5,7 | No | 340 N | 30 |
| 861346 | 3660338161537 | 5,8 | 139 | 91 | HSS | Standard | 118 | 5,8 | No | 340 N | 30 |
| 861347 | 3660338161544 | 5,9 | 139 | 91 | HSS | Standard | 118 | 5,9 | No | 340 N | 30 |
| 861348 | 3660338161551 | 6,0 | 139 | 91 | HSS | Standard | 118 | 6,0 | No | 340 N | 30 |
| 861349 | 3660338161568 | 6,1 | 148 | 97 | HSS | Standard | 118 | 6,1 | No | 340 N | 30 |
| 861350 | 3660338161575 | 6,2 | 148 | 97 | HSS | Standard | 118 | 6,2 | No | 340 N | 30 |
| 861351 | 3660338161582 | 6,3 | 148 | 97 | HSS | Standard | 118 | 6,3 | No | 340 N | 30 |
| 861352 | 3660338161599 | 6,4 | 148 | 97 | HSS | Standard | 118 | 6,4 | No | 340 N | 30 |
| 861353 | 3660338161605 | 6,5 | 148 | 97 | HSS | Standard | 118 | 6,5 | No | 340 N | 30 |
| 861354 | 3660338161612 | 6,6 | 148 | 97 | HSS | Standard | 118 | 6,6 | No | 340 N | 30 |
| 861355 | 3660338161629 | 6,7 | 148 | 97 | HSS | Standard | 118 | 6,7 | No | 340 N | 30 |
| 861356 | 3660338161636 | 6,8 | 156 | 102 | HSS | Standard | 118 | 6,8 | No | 340 N | 30 |
| 861357 | 3660338161643 | 6,9 | 156 | 102 | HSS | Standard | 118 | 6,9 | No | 340 N | 30 |
| 861358 | 3660338161650 | 7,0 | 156 | 102 | HSS | Standard | 118 | 7,0 | No | 340 N | 30 |
| 861359 | 3660338161667 | 7,1 | 156 | 102 | HSS | Standard | 118 | 7,1 | No | 340 N | 30 |
| 861360 | 3660338161674 | 7,2 | 156 | 102 | HSS | Standard | 118 | 7,2 | No | 340 N | 30 |
| 861361 | 3660338161681 | 7,3 | 156 | 102 | HSS | Standard | 118 | 7,3 | No | 340 N | 30 |
| 861362 | 3660338161698 | 7,4 | 156 | 102 | HSS | Standard | 118 | 7,4 | No | 340 N | 30 |
| 861363 | 3660338161704 | 7,5 | 156 | 102 | HSS | Standard | 118 | 7,5 | No | 340 N | 30 |
| 861364 | 3660338161711 | 7,6 | 165 | 109 | HSS | Standard | 118 | 7,6 | No | 340 N | 30 |
| 861365 | 3660338161728 | 7,7 | 165 | 109 | HSS | Standard | 118 | 7,7 | No | 340 N | 30 |
| 861366 | 3660338161735 | 7,8 | 165 | 109 | HSS | Standard | 118 | 7,8 | No | 340 N | 30 |
| 861367 | 3660338161742 | 7,9 | 165 | 109 | HSS | Standard | 118 | 7,9 | No | 340 N | 30 |
| 861368 | 3660338161759 | 8,0 | 165 | 109 | HSS | Standard | 118 | 8,0 | No | 340 N | 30 |
| 861369 | 3660338161766 | 8,1 | 165 | 109 | HSS | Standard | 118 | 8,1 | No | 340 N | 30 |
| 861370 | 3660338161773 | 8,2 | 165 | 109 | HSS | Standard | 118 | 8,2 | No | 340 N | 30 |
| 861371 | 3660338161780 | 8,3 | 165 | 109 | HSS | Standard | 118 | 8,3 | No | 340 N | 30 |
| 861372 | 3660338161797 | 8,4 | 165 | 109 | HSS | Standard | 118 | 8,4 | No | 340 N | 30 |
| 861373 | 3660338161803 | 8,5 | 165 | 109 | HSS | Standard | 118 | 8,5 | No | 340 N | 30 |
| 861374 | 3660338161810 | 8,6 | 175 | 115 | HSS | Standard | 118 | 8,6 | No | 340 N | 30 |
| 861375 | 3660338161827 | 8,7 | 175 | 115 | HSS | Standard | 118 | 8,7 | No | 340 N | 30 |
| 861376 | 3660338161834 | 8,8 | 175 | 115 | HSS | Standard | 118 | 8,8 | No | 340 N | 30 |
| 861377 | 3660338161841 | 8,9 | 175 | 115 | HSS | Standard | 118 | 8,9 | No | 340 N | 30 |
| 861378 | 3660338161858 | 9,0 | 175 | 115 | HSS | Standard | 118 | 9,0 | No | 340 N | 30 |
| 861379 | 3660338161865 | 9,1 | 175 | 115 | HSS | Standard | 118 | 9,1 | No | 340 N | 30 |
| 861380 | 3660338161872 | 9,2 | 175 | 115 | HSS | Standard | 118 | 9,2 | No | 340 N | 30 |
| 861381 | 3660338161889 | 9,3 | 175 | 115 | HSS | Standard | 118 | 9,3 | No | 340 N | 30 |
| 861382 | 3660338161896 | 9,4 | 175 | 115 | HSS | Standard | 118 | 9,4 | No | 340 N | 30 |
| 861383 | 3660338161902 | 9,5 | 175 | 115 | HSS | Standard | 118 | 9,5 | No | 340 N | 30 |
| 861384 | 3660338161919 | 9,6 | 184 | 121 | HSS | Standard | 118 | 9,6 | No | 340 N | 30 |
| 861385 | 3660338161926 | 9,7 | 184 | 121 | HSS | Standard | 118 | 9,7 | No | 340 N | 30 |
| 861386 | 3660338161933 | 9,8 | 184 | 121 | HSS | Standard | 118 | 9,8 | No | 340 N | 30 |
| 861387 | 3660338161940 | 9,9 | 184 | 121 | HSS | Standard | 118 | 9,9 | No | 340 N | 30 |
| 861388 | 3660338161957 | 10,0 | 184 | 121 | HSS | Standard | 118 | 10,0 | No | 340 N | 30 |
| 861389 | 3660338161964 | 10,2 | 184 | 121 | HSS | Standard | 118 | 10,2 | No | 340 N | 30 |
| 861390 | 3660338161971 | 10,25 | 184 | 121 | HSS | Standard | 118 | 10,25 | No | 340 N | 30 |
| 861391 | 3660338161988 | 10,5 | 184 | 121 | HSS | Standard | 118 | 10,5 | No | 340 N | 30 |
| 861392 | 3660338161995 | 10,75 | 195 | 128 | HSS | Standard | 118 | 10,75 | No | 340 N | 30 |
| 861393 | 3660338162008 | 10,8 | 195 | 128 | HSS | Standard | 118 | 10,8 | No | 340 N | 30 |
| 861394 | 3660338162015 | 11,0 | 195 | 128 | HSS | Standard | 118 | 11,0 | No | 340 N | 30 |
| 861395 | 3660338162022 | 11,25 | 195 | 128 | HSS | Standard | 118 | 11,25 | No | 340 N | 30 |
| 861396 | 3660338162039 | 11,5 | 195 | 128 | HSS | Standard | 118 | 11,5 | No | 340 N | 30 |
| 861397 | 3660338162046 | 11,75 | 195 | 128 | HSS | Standard | 118 | 11,75 | No | 340 N | 30 |
| 861398 | 3660338162053 | 12,0 | 205 | 134 | HSS | Standard | 118 | 12,0 | No | 340 N | 30 |
| 861399 | 3660338162060 | 12,25 | 205 | 134 | HSS | Standard | 118 | 12,25 | No | 340 N | 30 |
| 861400 | 3660338162077 | 12,5 | 205 | 134 | HSS | Standard | 118 | 12,5 | No | 340 N | 30 |
| 861401 | 3660338162084 | 12,75 | 205 | 134 | HSS | Standard | 118 | 12,75 | No | 340 N | 30 |

| | | | | | | | | | | | |
|--------|---------------|-------|-----|-----|-----|----------|-----|-------|----|-------|----|
| 861402 | 3660338162091 | 13,0 | 205 | 134 | HSS | Standard | 118 | 13,0 | No | 340 N | 30 |
| 861403 | 3660338162107 | 13,25 | 214 | 140 | HSS | Standard | 118 | 13,25 | No | 340 N | 30 |
| 861404 | 3660338162114 | 13,5 | 214 | 140 | HSS | Standard | 118 | 13,5 | No | 340 N | 30 |
| 861405 | 3660338162121 | 13,75 | 214 | 140 | HSS | Standard | 118 | 13,75 | No | 340 N | 30 |
| 861406 | 3660338162138 | 14,0 | 214 | 140 | HSS | Standard | 118 | 14,0 | No | 340 N | 30 |
| 861407 | 3660338162145 | 14,25 | 220 | 144 | HSS | Standard | 118 | 14,25 | No | 340 N | 30 |
| 861408 | 3660338162152 | 14,5 | 220 | 144 | HSS | Standard | 118 | 14,5 | No | 340 N | 30 |
| 861409 | 3660338162169 | 14,75 | 220 | 144 | HSS | Standard | 118 | 14,75 | No | 340 N | 30 |
| 861410 | 3660338162176 | 15,0 | 220 | 144 | HSS | Standard | 118 | 15,0 | No | 340 N | 30 |
| 861411 | 3660338162183 | 15,25 | 227 | 149 | HSS | Standard | 118 | 15,25 | No | 340 N | 30 |
| 861412 | 3660338162190 | 15,5 | 227 | 149 | HSS | Standard | 118 | 15,5 | No | 340 N | 30 |
| 861413 | 3660338162206 | 15,75 | 227 | 149 | HSS | Standard | 118 | 15,75 | No | 340 N | 30 |
| 861414 | 3660338162213 | 16,0 | 227 | 149 | HSS | Standard | 118 | 16,0 | No | 340 N | 30 |
| 861415 | 3660338162220 | 16,25 | 235 | 154 | HSS | Standard | 118 | 16,25 | No | 340 N | 30 |
| 861416 | 3660338162237 | 16,5 | 235 | 154 | HSS | Standard | 118 | 16,5 | No | 340 N | 30 |
| 861417 | 3660338162244 | 16,75 | 235 | 154 | HSS | Standard | 118 | 16,75 | No | 340 N | 30 |
| 861418 | 3660338162251 | 17,0 | 235 | 154 | HSS | Standard | 118 | 17,0 | No | 340 N | 30 |
| 861419 | 3660338162268 | 17,25 | 241 | 158 | HSS | Standard | 118 | 17,25 | No | 340 N | 30 |
| 861420 | 3660338162275 | 17,5 | 241 | 158 | HSS | Standard | 118 | 17,5 | No | 340 N | 30 |
| 861421 | 3660338162282 | 17,75 | 241 | 158 | HSS | Standard | 118 | 17,75 | No | 340 N | 30 |
| 861422 | 3660338162299 | 18,0 | 241 | 158 | HSS | Standard | 118 | 18,0 | No | 340 N | 30 |
| 861423 | 3660338162305 | 18,25 | 241 | 158 | HSS | Standard | 118 | 18,25 | No | 340 N | 30 |
| 861424 | 3660338162312 | 18,5 | 247 | 162 | HSS | Standard | 118 | 18,5 | No | 340 N | 30 |
| 861425 | 3660338162329 | 19,0 | 247 | 162 | HSS | Standard | 118 | 19,0 | No | 340 N | 30 |
| 861426 | 3660338162336 | 19,5 | 254 | 166 | HSS | Standard | 118 | 19,5 | No | 340 N | 30 |
| 861427 | 3660338162343 | 20,0 | 254 | 166 | HSS | Standard | 118 | 20,0 | No | 340 N | 30 |