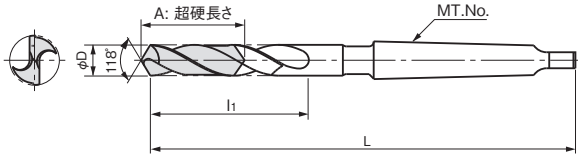


先むくテーパシャンクツイストドリル

DTD形

- 豊富な再研磨回数で高い経済性を有する
- 鋳鉄・非鉄金属用



材種：K種超硬合金

■外径寸法許容差 (mm)

| 工具径φD | Tool dia.φD | 許容差 Tolerance |
|---------------|----------------------|------------------|
| 5.0以上6.0以下 | 5.0 Over 6.0 Up to | 0 -0.018 |
| 6.0をこえ10.0以下 | 6.0 Over 10.0 Up to | 0 -0.022 |
| 10.0をこえ18.0以下 | 10.0 Over 18.0 Up to | 0 -0.027 |
| 18.0をこえ30.0以下 | 18.0 Over 30.0 Up to | 0 -0.033 |
| 30.0をこえ40.0以下 | 30.0 Over 40.0 Up to | 0 -0.039 |

| 形番 Cat. No. | 在庫 Stock | 寸法 (mm) Dimensions (mm) | | | | シャンク MT.No. |
|----------------|-------------|----------------------------|----|-----|----|----------------|
| | | φD | li | L | A | |
| DTD-050 | □ | 5.0 | 65 | 145 | 32 | MT1 |
| DTD-051 | □ | 5.1 | 65 | 145 | 32 | MT1 |
| DTD-052 | □ | 5.2 | 65 | 145 | 32 | MT1 |
| DTD-053 | □ | 5.3 | 65 | 145 | 32 | MT1 |
| DTD-054 | □ | 5.4 | 65 | 145 | 32 | MT1 |
| DTD-055 | □ | 5.5 | 65 | 145 | 32 | MT1 |
| DTD-056 | □ | 5.6 | 68 | 148 | 32 | MT1 |
| DTD-057 | □ | 5.7 | 68 | 148 | 32 | MT1 |
| DTD-058 | □ | 5.8 | 68 | 148 | 32 | MT1 |
| DTD-059 | □ | 5.9 | 68 | 148 | 32 | MT1 |
| DTD-060×MT1 | ● | 6.0 | 68 | 148 | 32 | MT1 |
| DTD-061 | □ | 6.1 | 72 | 152 | 32 | MT1 |
| DTD-062 | □ | 6.2 | 72 | 152 | 32 | MT1 |
| DTD-063 | □ | 6.3 | 72 | 152 | 32 | MT1 |
| DTD-064 | □ | 6.4 | 72 | 152 | 32 | MT1 |
| DTD-065×MT1 | ● | 6.5 | 72 | 152 | 32 | MT1 |
| DTD-066 | □ | 6.6 | 75 | 155 | 37 | MT1 |
| DTD-067 | □ | 6.7 | 75 | 155 | 37 | MT1 |
| DTD-068 | □ | 6.8 | 75 | 155 | 37 | MT1 |
| DTD-069 | □ | 6.9 | 75 | 155 | 37 | MT1 |
| DTD-070×MT1 | ● | 7.0 | 75 | 155 | 37 | MT1 |
| DTD-071 | □ | 7.1 | 78 | 158 | 37 | MT1 |
| DTD-072 | □ | 7.2 | 78 | 158 | 37 | MT1 |
| DTD-073 | □ | 7.3 | 78 | 158 | 37 | MT1 |
| DTD-074 | □ | 7.4 | 78 | 158 | 37 | MT1 |
| DTD-075×MT1 | ● | 7.5 | 78 | 158 | 37 | MT1 |
| DTD-076 | □ | 7.6 | 82 | 162 | 37 | MT1 |
| DTD-077 | □ | 7.7 | 82 | 162 | 37 | MT1 |
| DTD-078 | □ | 7.8 | 82 | 162 | 37 | MT1 |
| DTD-079 | □ | 7.9 | 82 | 162 | 37 | MT1 |
| DTD-080×MT1 | ● | 8.0 | 82 | 162 | 37 | MT1 |
| DTD-081 | □ | 8.1 | 85 | 168 | 37 | MT1 |
| DTD-082 | □ | 8.2 | 85 | 168 | 37 | MT1 |
| DTD-083 | □ | 8.3 | 85 | 168 | 37 | MT1 |
| DTD-084 | □ | 8.4 | 85 | 168 | 37 | MT1 |
| DTD-085×MT1 | ● | 8.5 | 85 | 168 | 37 | MT1 |
| DTD-086 | □ | 8.6 | 88 | 172 | 37 | MT1 |
| DTD-087 | □ | 8.7 | 88 | 172 | 37 | MT1 |
| DTD-088 | □ | 8.8 | 88 | 172 | 37 | MT1 |
| DTD-089 | □ | 8.9 | 88 | 172 | 37 | MT1 |
| DTD-090×MT1 | ● | 9.0 | 88 | 172 | 37 | MT1 |
| DTD-091 | □ | 9.1 | 92 | 175 | 37 | MT1 |
| DTD-092 | □ | 9.2 | 92 | 175 | 37 | MT1 |

| 形番 Cat. No. | 在庫 Stock | 寸法 (mm) Dimensions (mm) | | | | シャンク MT.No. |
|----------------|-------------|----------------------------|-----|-----|----|----------------|
| | | φD | li | L | A | |
| DTD-093 | □ | 9.3 | 92 | 175 | 37 | MT1 |
| DTD-094 | □ | 9.4 | 92 | 175 | 37 | MT1 |
| DTD-095×MT1 | ● | 9.5 | 92 | 175 | 37 | MT1 |
| DTD-096 | □ | 9.6 | 95 | 178 | 37 | MT1 |
| DTD-097 | □ | 9.7 | 95 | 178 | 37 | MT1 |
| DTD-098 | □ | 9.8 | 95 | 178 | 37 | MT1 |
| DTD-099 | □ | 9.9 | 95 | 178 | 37 | MT1 |
| DTD-100×MT1 | ● | 10.0 | 95 | 178 | 37 | MT1 |
| DTD-101 | □ | 10.1 | 98 | 182 | 43 | MT1 |
| DTD-102 | □ | 10.2 | 98 | 182 | 43 | MT1 |
| DTD-103 | □ | 10.3 | 98 | 182 | 43 | MT1 |
| DTD-104 | □ | 10.4 | 98 | 182 | 43 | MT1 |
| DTD-105×MT1 | ● | 10.5 | 98 | 182 | 43 | MT1 |
| DTD-106 | □ | 10.6 | 102 | 185 | 43 | MT1 |
| DTD-107 | □ | 10.7 | 102 | 185 | 43 | MT1 |
| DTD-108 | □ | 10.8 | 102 | 185 | 43 | MT1 |
| DTD-109 | □ | 10.9 | 102 | 185 | 43 | MT1 |
| DTD-110×MT1 | ● | 11.0 | 102 | 185 | 43 | MT1 |
| DTD-111 | □ | 11.1 | 105 | 188 | 43 | MT1 |
| DTD-112 | □ | 11.2 | 105 | 188 | 43 | MT1 |
| DTD-113 | □ | 11.3 | 105 | 188 | 43 | MT1 |
| DTD-114 | □ | 11.4 | 105 | 188 | 43 | MT1 |
| DTD-115×MT1 | ● | 11.5 | 105 | 188 | 43 | MT1 |
| DTD-116 | □ | 11.6 | 108 | 192 | 43 | MT1 |
| DTD-117 | □ | 11.7 | 108 | 192 | 43 | MT1 |
| DTD-118 | □ | 11.8 | 108 | 192 | 43 | MT1 |
| DTD-119 | □ | 11.9 | 108 | 192 | 43 | MT1 |
| DTD-120×MT1 | ● | 12.0 | 108 | 192 | 43 | MT1 |
| DTD-121 | □ | 12.1 | 112 | 195 | 43 | MT1 |
| DTD-122 | □ | 12.2 | 112 | 195 | 43 | MT1 |
| DTD-123 | □ | 12.3 | 112 | 195 | 43 | MT1 |
| DTD-124 | □ | 12.4 | 112 | 195 | 43 | MT1 |
| DTD-125×MT1 | ● | 12.5 | 112 | 195 | 43 | MT1 |
| DTD-126 | □ | 12.6 | 115 | 198 | 43 | MT1 |
| DTD-127 | □ | 12.7 | 115 | 198 | 43 | MT1 |
| DTD-128 | □ | 12.8 | 115 | 198 | 43 | MT1 |
| DTD-129 | □ | 12.9 | 115 | 198 | 43 | MT1 |
| DTD-130×MT1 | ● | 13.0 | 115 | 198 | 43 | MT1 |
| DTD-131 | □ | 13.1 | 118 | 202 | 49 | MT1 |
| DTD-132 | □ | 13.2 | 118 | 202 | 49 | MT1 |
| DTD-133 | □ | 13.3 | 118 | 202 | 49 | MT1 |
| DTD-134 | □ | 13.4 | 118 | 202 | 49 | MT1 |
| DTD-135×MT1 | ● | 13.5 | 118 | 202 | 49 | MT1 |

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先むくテーパシャンクツイストドリル

DTD形

(前ページの続き)

| 形番 Cat. No. | 在庫 Stock | 寸法 (mm) Dimensions (mm) | | | | シャンク MT.No |
|----------------|-------------|----------------------------|----------------|-----|----|---------------|
| | | φD | l ₁ | L | A | |
| DTD-135×MT2 | ● | 13.5 | 118 | 218 | 49 | MT2 |
| DTD-136 | □ | 13.6 | 122 | 205 | 49 | MT1 |
| DTD-137 | □ | 13.7 | 122 | 205 | 49 | MT1 |
| DTD-138 | □ | 13.8 | 122 | 205 | 49 | MT1 |
| DTD-139 | □ | 13.9 | 122 | 205 | 49 | MT1 |
| DTD-140×MT1 | ● | 14.0 | 122 | 205 | 49 | MT1 |
| DTD-140×MT2 | ● | 14.0 | 122 | 222 | 49 | MT2 |
| DTD-141 | □ | 14.1 | 122 | 222 | 49 | MT2 |
| DTD-142 | □ | 14.2 | 122 | 222 | 49 | MT2 |
| DTD-143 | □ | 14.3 | 122 | 222 | 49 | MT2 |
| DTD-144 | □ | 14.4 | 122 | 222 | 49 | MT2 |
| DTD-145×MT2 | ● | 14.5 | 122 | 222 | 49 | MT2 |
| DTD-146 | □ | 14.6 | 125 | 225 | 49 | MT2 |
| DTD-147 | □ | 14.7 | 125 | 225 | 49 | MT2 |
| DTD-148 | □ | 14.8 | 125 | 225 | 49 | MT2 |
| DTD-149 | □ | 14.9 | 125 | 225 | 49 | MT2 |
| DTD-150×MT2 | ● | 15.0 | 125 | 225 | 49 | MT2 |
| DTD-151 | □ | 15.1 | 128 | 228 | 49 | MT2 |
| DTD-152 | □ | 15.2 | 128 | 228 | 49 | MT2 |
| DTD-153 | □ | 15.3 | 128 | 228 | 49 | MT2 |
| DTD-154 | □ | 15.4 | 128 | 228 | 49 | MT2 |
| DTD-155×MT2 | ● | 15.5 | 128 | 228 | 49 | MT2 |
| DTD-156 | □ | 15.6 | 130 | 230 | 49 | MT2 |
| DTD-157 | □ | 15.7 | 130 | 230 | 49 | MT2 |
| DTD-158 | □ | 15.8 | 130 | 230 | 49 | MT2 |
| DTD-159 | □ | 15.9 | 130 | 230 | 49 | MT2 |
| DTD-160×MT2 | ● | 16.0 | 130 | 230 | 49 | MT2 |
| DTD-161 | □ | 16.1 | 132 | 232 | 49 | MT2 |
| DTD-162 | □ | 16.2 | 132 | 232 | 49 | MT2 |
| DTD-163 | □ | 16.3 | 132 | 232 | 49 | MT2 |
| DTD-164 | □ | 16.4 | 132 | 232 | 49 | MT2 |
| DTD-165×MT2 | ● | 16.5 | 132 | 232 | 49 | MT2 |
| DTD-166 | □ | 16.6 | 135 | 235 | 49 | MT2 |
| DTD-167 | □ | 16.7 | 135 | 235 | 49 | MT2 |
| DTD-168 | □ | 16.8 | 135 | 235 | 49 | MT2 |
| DTD-169 | □ | 16.9 | 135 | 235 | 49 | MT2 |
| DTD-170×MT2 | ● | 17.0 | 135 | 235 | 49 | MT2 |
| DTD-171 | □ | 17.1 | 140 | 240 | 49 | MT2 |
| DTD-172 | □ | 17.2 | 140 | 240 | 49 | MT2 |
| DTD-173 | □ | 17.3 | 140 | 240 | 49 | MT2 |
| DTD-174 | □ | 17.4 | 140 | 240 | 49 | MT2 |
| DTD-175×MT2 | ● | 17.5 | 140 | 240 | 49 | MT2 |
| DTD-176 | □ | 17.6 | 140 | 240 | 49 | MT2 |
| DTD-177 | □ | 17.7 | 140 | 240 | 49 | MT2 |
| DTD-178 | □ | 17.8 | 140 | 240 | 49 | MT2 |
| DTD-179 | □ | 17.9 | 140 | 240 | 49 | MT2 |
| DTD-180×MT2 | ● | 18.0 | 140 | 240 | 49 | MT2 |
| DTD-181 | □ | 18.1 | 145 | 245 | 54 | MT2 |
| DTD-182 | □ | 18.2 | 145 | 245 | 54 | MT2 |
| DTD-183 | □ | 18.3 | 145 | 245 | 54 | MT2 |
| DTD-184 | □ | 18.4 | 145 | 245 | 54 | MT2 |
| DTD-185×MT2 | ● | 18.5 | 145 | 245 | 54 | MT2 |
| DTD-186 | □ | 18.6 | 145 | 245 | 54 | MT2 |

| 形番 Cat. No. | 在庫 Stock | 寸法 (mm) Dimensions (mm) | | | | シャンク MT.No |
|----------------|-------------|----------------------------|----------------|-----|------|---------------|
| | | φD | l ₁ | L | A | |
| DTD-187 | □ | 18.7 | 145 | 245 | 54 | MT2 |
| DTD-188 | □ | 18.8 | 145 | 245 | 54 | MT2 |
| DTD-189 | □ | 18.9 | 145 | 245 | 54 | MT2 |
| DTD-190×MT2 | ● | 19.0 | 145 | 245 | 54 | MT2 |
| DTD-191 | □ | 19.1 | 150 | 250 | 54 | MT2 |
| DTD-192 | □ | 19.2 | 150 | 250 | 54 | MT2 |
| DTD-193 | □ | 19.3 | 150 | 250 | 54 | MT2 |
| DTD-194 | □ | 19.4 | 150 | 250 | 54 | MT2 |
| DTD-195×MT2 | ● | 19.5 | 150 | 250 | 54 | MT2 |
| DTD-196 | □ | 19.6 | 150 | 250 | 54 | MT2 |
| DTD-197 | □ | 19.7 | 150 | 250 | 54 | MT2 |
| DTD-198 | □ | 19.8 | 150 | 250 | 54 | MT2 |
| DTD-199 | □ | 19.9 | 150 | 250 | 54 | MT2 |
| DTD-200×MT2 | ● | 20.0 | 150 | 250 | 54 | MT2 |
| DTD-201 | □ | 20.1 | 155 | 255 | 54 | MT2 |
| DTD-202 | □ | 20.2 | 155 | 255 | 54 | MT2 |
| DTD-203 | □ | 20.3 | 155 | 255 | 54 | MT2 |
| DTD-204 | □ | 20.4 | 155 | 255 | 54 | MT2 |
| DTD-205 | □ | 20.5 | 155 | 255 | 54 | MT2 |
| DTD-206 | □ | 20.6 | 155 | 255 | 54 | MT2 |
| DTD-207 | □ | 20.7 | 155 | 255 | 54 | MT2 |
| DTD-208 | □ | 20.8 | 155 | 255 | 54 | MT2 |
| DTD-209 | □ | 20.9 | 155 | 255 | 54 | MT2 |
| DTD-210 | □ | 21.0 | 155 | 255 | 54 | MT2 |
| DTD-215 | □ | 21.5 | 160 | 260 | 59 | MT2 |
| DTD-220 | □ | 22.0 | 160 | 260 | 59 | MT2 |
| DTD-225 | □ | 22.5 | 165 | 265 | 59 | MT2 |
| DTD-230 | □ | 23.0 | 165 | 265 | 59 | MT2 |
| DTD-235 | □ | 23.5 | 165 | 285 | 59 | MT3 |
| DTD-240 | □ | 24.0 | 165 | 285 | 64 | MT3 |
| DTD-245 | □ | 24.5 | 165 | 285 | 64 | MT3 |
| DTD-250×MT3 | ● | 25.0 | 165 | 285 | 64 | MT3 |
| DTD-255 | □ | 25.5 | 165 | 285 | 59 | MT3 |
| DTD-260 | □ | 26.0 | 165 | 285 | 59 | MT3 |
| DTD-265 | □ | 26.5 | 170 | 290 | 59 | MT3 |
| DTD-270 | □ | 27.0 | 170 | 290 | 59 | MT3 |
| DTD-275 | □ | 27.5 | 175 | 295 | 59 | MT3 |
| DTD-280 | □ | 28.0 | 175 | 295 | 59 | MT3 |
| DTD-285 | □ | 28.5 | 180 | 300 | 59 | MT3 |
| DTD-290 | □ | 29.0 | 180 | 300 | 59 | MT3 |
| DTD-295 | □ | 29.5 | 185 | 305 | 59 | MT3 |
| DTD-300 | □ | 30.0 | 185 | 305 | 59 | MT3 |
| DTD-310×MT3 | □ | 31.0 | 190 | 310 | 48 | MT3 |
| DTD-320×MT3 | □ | 32.0 | 195 | 315 | 48 | MT3 |
| DTD-330×MT4 | □ | 33.0 | 200 | 345 | 48 | MT4 |
| DTD-340×MT4 | □ | 34.0 | 205 | 350 | 48 | MT4 |
| DTD-350×MT4 | □ | 35.0 | 205 | 350 | 48.5 | MT4 |
| DTD-360×MT4 | □ | 36.0 | 210 | 355 | 49 | MT4 |
| DTD-370×MT4 | □ | 37.0 | 210 | 355 | 49 | MT4 |
| DTD-380×MT4 | □ | 38.0 | 215 | 360 | 53 | MT4 |
| DTD-390×MT4 | □ | 39.0 | 215 | 360 | 54 | MT4 |
| DTD-400×MT4 | □ | 40.0 | 220 | 365 | 54 | MT4 |

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