

Brazed Carbide MULTI-DRILLS

KDS ... LAK Type

TiAlN Coated Brazed Carbide Multi-Drills for General Steels, Cast Iron & Ductile Cast Iron



Specification:

- Brazed carbide drill TiAlN coated (Grade: ACW30) with coolant holes
- Shank with whistle notch

● Diameter $\varnothing 20,1 \sim 24,5 \text{ mm}$

| Dimensions (mm) | | | | Cat. No. | Long Series (5D) | | | |
|-----------------|-------|----------------|---------------------------------|-------------|------------------|-----------------|----------------|----------------|
| øD (mm) | Shank | | Drill Head ℓ ₁ | | Stock | Dimensions (mm) | | |
| | ød | ℓ ₄ | | | LAK | L | ℓ ₂ | ℓ ₃ |
| 20,1 | 25 | 56 | 3,6 | KDS 201 LAK | | 198,6 | 103 | 113 |
| 20,2 | | | | KDS 202 LAK | | | | |
| 20,3 | | | | KDS 203 LAK | | | | |
| 20,4 | | | | KDS 204 LAK | | | | |
| 20,5 | | | | KDS 205 LAK | ● | | | |
| 20,6 | 25 | 56 | 3,8 | KDS 206 LAK | | 198,8 | 107 | 118 |
| 20,7 | | | | KDS 207 LAK | | | | |
| 20,8 | | | | KDS 208 LAK | | | | |
| 20,9 | | | | KDS 209 LAK | | | | |
| 21,0 | | | | KDS 210 LAK | ● | | | |
| 21,1 | | | | KDS 211 LAK | | | | |
| 21,2 | | | | KDS 212 LAK | | | | |
| 21,3 | | | | KDS 213 LAK | | | | |
| 21,4 | | | | KDS 214 LAK | | | | |
| 21,5 | | | | KDS 215 LAK | ● | | | |
| 21,6 | 25 | 56 | 4,0 | KDS 216 LAK | | 204,0 | 113 | 124 |
| 21,7 | | | | KDS 217 LAK | | | | |
| 21,8 | | | | KDS 218 LAK | | | | |
| 21,9 | | | | KDS 219 LAK | | | | |
| 22,0 | | | | KDS 220 LAK | ● | | | |
| 22,1 | | | | KDS 221 LAK | | | | |
| 22,2 | | | | KDS 222 LAK | | | | |
| 22,3 | | | | KDS 223 LAK | | | | |
| 22,4 | | | | KDS 224 LAK | | | | |
| 22,5 | | | | KDS 225 LAK | | | | |
| 22,6 | 25 | 56 | 4,2 | KDS 226 LAK | | 214,2 | 117 | 129 |
| 22,7 | | | | KDS 227 LAK | | | | |
| 22,8 | | | | KDS 228 LAK | | | | |
| 22,9 | | | | KDS 229 LAK | | | | |
| 23,0 | | | | KDS 230 LAK | ● | | | |
| 23,1 | | | | KDS 231 LAK | | | | |
| 23,2 | | | | KDS 232 LAK | | | | |
| 23,3 | | | | KDS 233 LAK | | | | |
| 23,4 | | | | KDS 234 LAK | | | | |
| 23,5 | | | | KDS 235 LAK | | | | |
| 23,6 | 32 | 60 | 4,4 | KDS 236 LAK | | 224,4 | 123 | 135 |
| 23,7 | | | | KDS 237 LAK | | | | |
| 23,8 | | | | KDS 238 LAK | | | | |
| 23,9 | | | | KDS 239 LAK | | | | |
| 24,0 | | | | KDS 240 LAK | ● | | | |
| 24,1 | | | | KDS 241 LAK | | | | |
| 24,2 | | | | KDS 242 LAK | | | | |
| 24,3 | | | | KDS 243 LAK | | | | |
| 24,4 | | | | KDS 244 LAK | | | | |
| 24,5 | | | | KDS 245 LAK | | | | |

● Diameter $\varnothing 24,6 \sim 40,5 \text{ mm}$

| Dimensions (mm) | | | | Cat. No. | Long Series (5D) | | | | | | |
|-----------------|----------|----------------|---------------------------------|-------------|------------------|-----------------|----------------|----------------|-------|-------------|-----|
| øD (mm) | Shank | | Drill Head ℓ ₁ | | Stock | Dimensions (mm) | | | | | |
| | ød | ℓ ₄ | | | LAK | L | ℓ ₂ | ℓ ₃ | | | |
| 24,6 | 32 | 60 | 4,5 | KDS 246 LAK | | 229,5 | 127 | 140 | | | |
| 24,7 | | | | KDS 247 LAK | | | | | | | |
| 24,8 | | | | KDS 248 LAK | | | | | | | |
| 24,9 | | | | KDS 249 LAK | | | | | | | |
| 25,0 | | | | KDS 250 LAK | ● | | | | | | |
| 25,1 | | | | KDS 251 LAK | | | | | | | |
| 25,2 | | | | KDS 252 LAK | | | | | | | |
| 25,3 | | | | KDS 253 LAK | | | | | | | |
| 25,4 | | | | KDS 254 LAK | | | | | | | |
| 25,5 | | | | KDS 255 LAK | | | | | | | |
| 25,6 | 32 | 60 | 4,7 | KDS 256 LAK | | 234,7 | 133 | 146 | | | |
| 25,7 | | | | KDS 257 LAK | | | | | | | |
| 25,8 | | | | KDS 258 LAK | | | | | | | |
| 25,9 | | | | KDS 259 LAK | | | | | | | |
| 26,0 | | | | KDS 260 LAK | ● | | | | | | |
| 26,1 | | | | KDS 261 LAK | | | | | | | |
| ~26,5 | | | | ~265 LAK | | | | | | | |
| 26,6 | | | | KDS 266 LAK | | | | | 239,9 | 137 | 151 |
| ~27,5 | | | | ~275 LAK | | | | | | | |
| 27,6 | | | | 32 | 60 | | | | 5,1 | KDS 276 LAK | |
| ~28,5 | ~285 LAK | | | | | | | | | | |
| 28,6 | 32 | 60 | 5,3 | KDS 286 LAK | | 250,3 | 147 | 162 | | | |
| ~29,5 | | | | ~295 LAK | | | | | | | |
| 29,6 | 32 | 60 | 5,5 | KDS 296 LAK | | 260,5 | 152 | 167 | | | |
| ~30,5 | | | | ~305 LAK | | | | | | | |
| 30,6 | 40 | 70 | 5,6 | KDS 306 LAK | | 280,6 | 166 | 187 | | | |
| ~31,5 | | | | ~315 LAK | | | | | | | |
| 31,6 | 40 | 70 | 5,8 | KDS 316 LAK | | 285,8 | 172 | 190 | | | |
| ~32,5 | | | | ~325 LAK | | | | | | | |
| 32,6 | 40 | 70 | 6,0 | KDS 326 LAK | | 291,0 | 175 | 194 | | | |
| ~33,5 | | | | ~335 LAK | | | | | | | |
| 33,6 | 40 | 70 | 6,2 | KDS 336 LAK | | 296,2 | 177 | 197 | | | |
| ~34,5 | | | | ~345 LAK | | | | | | | |
| 34,6 | 40 | 70 | 6,4 | KDS 346 LAK | | 301,4 | 180 | 200 | | | |
| ~35,5 | | | | ~355 LAK | | | | | | | |
| 35,6 | 40 | 70 | 6,6 | KDS 356 LAK | | 306,6 | 183 | 203 | | | |
| ~36,5 | | | | ~365 LAK | | | | | | | |
| 36,6 | 40 | 70 | 6,7 | KDS 366 LAK | | 311,7 | 188 | 207 | | | |
| ~37,5 | | | | ~375 LAK | | | | | | | |
| 37,6 | 40 | 70 | 6,9 | KDS 376 LAK | | 321,9 | 193 | 243 | | | |
| ~38,5 | | | | ~385 LAK | | | | | | | |
| 38,6 | 40 | 70 | 7,1 | KDS 386 LAK | | 327,1 | 198 | 248 | | | |
| ~39,5 | | | | ~395 LAK | | | | | | | |
| 39,6 | 40 | 70 | 7,3 | KDS 396 LAK | | 332,3 | 203 | 253 | | | |
| ~40,5 | | | | ~405 LAK | | | | | | | |

■ How to Order

Non-Stock Items will be required minimum order quantity for 6 pcs. Please specify the Cat. No.
For example, if the diameter of the drill is 10,2 mm, please indicate as follow.

E.g., **KDS 102 LAK, ACW30** (Grade)

KDS series: Brazed carbide drill with coolant holes

Drill diameter
10,2 mm

AK: Brazed carbide and TiAlN coated drill

L : 5 x D

