

Solid Carbide Drills • Recommendation Chart

| | | Versatile | | | | Application-Specific | | | |
|----------|---|--|--|-----------------|---|----------------------|--|--|--|
| | | | | | | | | | |
| | | General Purpose | General Purpose | Multipurpose | Multipurpose | High-Performance | High-Performance | Deep-Hole Drilling | |
| | | VariDrill™ | VariDrill™ | Top Drill S+™ | Top Drill S+ | Top Drill S/G | Top Drill S/G | WIDIA TDS+ WIDIA TDD | |
| P | Steel | 3 x D - VDS201A 3 x D - VDS201F 5 x D - VDS202A 5 x D - VDS202F | 3 x D - VDS401A 3 x D - VDS401F 5 x D - VDS402A 5 x D - VDS402F 8 x D - VDS403A 8 x D - VDS403F | 3 x D - TDS301A | 3 x D - TDS501A 5 x D - TDS502A 8 x D - TDS503A | 5 x D - TDS202A | 3 x D - TDS401A 5 x D - TDS402A 8 x D - TDS403A | 12 x D - TDS504A 15 x D - TDD105Z 20 x D - TDD106Z 25 x D - TDD107Z 30 x D - TDD108Z | |
| M | Stainless Steel | 3 x D - VDS201A 3 x D - VDS201F 5 x D - VDS202A 5 x D - VDS202F | 3 x D - VDS401A 3 x D - VDS401F 5 x D - VDS402A 5 x D - VDS402F 8 x D - VDS403A 8 x D - VDS403F | 3 x D - TDS301A | 3 x D - TDS501A 5 x D - TDS502A 8 x D - TDS503A | - | WIDIA-Rübig™ Series Type WD | 12 x D - TDS504A 15 x D - TDD105Z 20 x D - TDD106Z 25 x D - TDD107Z 30 x D - TDD108Z | |
| K | Cast Iron | 3 x D - VDS201A 3 x D - VDS201F 5 x D - VDS202A 5 x D - VDS202F | 3 x D - VDS401A 3 x D - VDS401F 5 x D - VDS402A 5 x D - VDS402F 8 x D - VDS403A 8 x D - VDS403F | 3 x D - TDS301A | 3 x D - TDS501A 5 x D - TDS502A 8 x D - TDS503A | 5 x D - TDS212A | 3 x D - TDS411A 5 x D - TDS412A 8 x D - TDS413A | 12 x D - TDS504A 15 x D - TDD105Z 20 x D - TDD106Z 25 x D - TDD107Z 30 x D - TDD108Z | |
| N | Non-Ferrous | 3 x D - VDS201A 3 x D - VDS201F 5 x D - VDS202A 5 x D - VDS202F | 3 x D - VDS401A 3 x D - VDS401F 5 x D - VDS402A 5 x D - VDS402F 8 x D - VDS403A 8 x D - VDS403F | 3 x D - TDS301A | 3 x D - TDS501A 5 x D - TDS502A 8 x D - TDS503A | | 5 x D - TDG531A 8 x D - TDG532A 12 x D - TDG533A | TDD* uncoated, sharp | |
| S | Heat-Resistant Alloys, Titanium Alloys | 3 x D - VDS201A 3 x D - VDS201F 5 x D - VDS202A 5 x D - VDS202F | 3 x D - VDS401A 3 x D - VDS401F 5 x D - VDS402A 5 x D - VDS402F 8 x D - VDS403A 8 x D - VDS403F | 3 x D - TDS301A | 3 x D - TDS501A 5 x D - TDS502A 8 x D - TDS503A | - | WIDIA-Rübig Series Type WD | 12 x D - TDS504A 15 x D - TDD105Z 20 x D - TDD106Z 25 x D - TDD107Z 30 x D - TDD108Z | |
| H | Hard Materials | VDS 3 x D - M155 | VDS | | TDS+ | | | | |

standard first choice
alternate choice
simple special