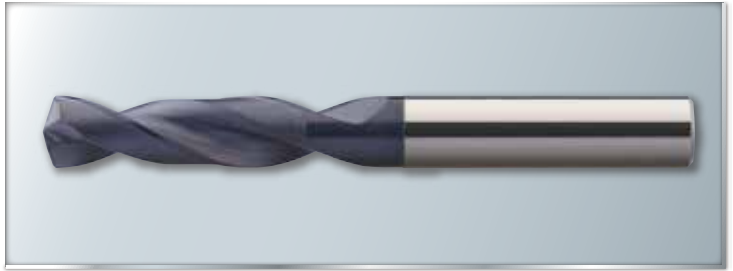


[3D/5D/8D]



適用被削材

HRC45以下



- ストレート刃と大きなK-Valueなど高送り可能な形状となっており、高能率加工を実現
- 大きなチップポケットにより、優れた切り屑排出性
- コーナー部の面取りにより、貫通穴の抜けバリ低減
- 再研磨しやすい刃形状
- 被削材を問わない多目的なドリル
- 抜群のコストパフォーマンス

大きなチップポケット

切り屑排出性に優れています。

ストレートな刃形状

刃先強度が向上するとともに、切り屑を小さくします。

大きなK-Value

ドリルの耐久性を向上させます。

ユニークなオイルホール噴出口

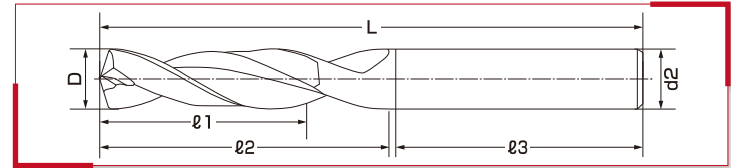
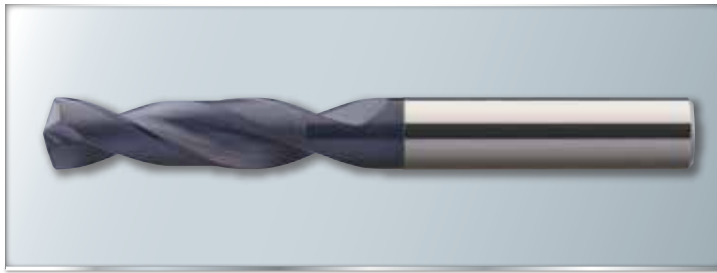
クーラントを効果的に溝側に誘導します。 ※DRSOHタイプのみ

コーナー部の面取り

高送り加工に資するとともに、貫通穴時の抜けバリ低減を実現します。



動画はこちら



| 型番        | 刃径 D (m7) | シャンク径 d2 | 有効溝長 l1 | 溝長 l2 | シャンク長 l3 | 全長 L | 希望小売価格 (円・税別) |
|-----------|-----------|----------|---------|-------|----------|------|---------------|
| DRS3D-020 | 2         | 3        | 9       | 12    | 28       | 50   | 各¥4,840       |
| DRS3D-021 | 2.1       | 3        | 9.45    | 12.6  | 28       | 50   |               |
| DRS3D-022 | 2.2       | 3        | 9.9     | 13.2  | 28       | 50   |               |
| DRS3D-023 | 2.3       | 3        | 10.35   | 13.8  | 28       | 50   |               |
| DRS3D-024 | 2.4       | 3        | 10.8    | 14.4  | 28       | 50   |               |
| DRS3D-025 | 2.5       | 3        | 11.25   | 15    | 28       | 50   |               |
| DRS3D-026 | 2.6       | 3        | 11.7    | 15.6  | 28       | 50   |               |
| DRS3D-027 | 2.7       | 3        | 12.15   | 16.2  | 28       | 50   |               |
| DRS3D-028 | 2.8       | 3        | 12.6    | 16.8  | 28       | 50   |               |
| DRS3D-029 | 2.9       | 3        | 13.05   | 17.4  | 28       | 50   |               |
| DRS3D-030 | 3         | 3        | 14      | 20    | 36       | 62   | 各¥5,060       |
| DRS3D-031 | 3.1       | 4        | 14      | 20    | 36       | 62   |               |
| DRS3D-032 | 3.2       | 4        | 14      | 20    | 36       | 62   |               |
| DRS3D-033 | 3.3       | 4        | 14      | 20    | 36       | 62   |               |
| DRS3D-034 | 3.4       | 4        | 14      | 20    | 36       | 62   |               |
| DRS3D-035 | 3.5       | 4        | 14      | 20    | 36       | 62   |               |
| DRS3D-036 | 3.6       | 4        | 14      | 20    | 36       | 62   |               |
| DRS3D-037 | 3.7       | 4        | 14      | 20    | 36       | 62   |               |
| DRS3D-038 | 3.8       | 4        | 17      | 24    | 36       | 66   |               |
| DRS3D-039 | 3.9       | 4        | 17      | 24    | 36       | 66   |               |
| DRS3D-040 | 4         | 4        | 17      | 24    | 36       | 66   | 各¥5,610       |
| DRS3D-041 | 4.1       | 6        | 17      | 24    | 36       | 66   |               |
| DRS3D-042 | 4.2       | 6        | 17      | 24    | 36       | 66   |               |
| DRS3D-043 | 4.3       | 6        | 17      | 24    | 36       | 66   |               |
| DRS3D-044 | 4.4       | 6        | 17      | 24    | 36       | 66   |               |
| DRS3D-045 | 4.5       | 6        | 17      | 24    | 36       | 66   |               |
| DRS3D-046 | 4.6       | 6        | 17      | 24    | 36       | 66   |               |
| DRS3D-047 | 4.7       | 6        | 17      | 24    | 36       | 66   |               |
| DRS3D-048 | 4.8       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-049 | 4.9       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-050 | 5         | 6        | 20      | 28    | 36       | 66   | 各¥7,370       |
| DRS3D-051 | 5.1       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-052 | 5.2       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-053 | 5.3       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-054 | 5.4       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-055 | 5.5       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-056 | 5.6       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-057 | 5.7       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-058 | 5.8       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-059 | 5.9       | 6        | 20      | 28    | 36       | 66   |               |
| DRS3D-060 | 6         | 6        | 20      | 28    | 36       | 66   | 各¥7,370       |
| DRS3D-061 | 6.1       | 8        | 24      | 34    | 36       | 79   |               |
| DRS3D-062 | 6.2       | 8        | 24      | 34    | 36       | 79   |               |
| DRS3D-063 | 6.3       | 8        | 24      | 34    | 36       | 79   |               |
| DRS3D-064 | 6.4       | 8        | 24      | 34    | 36       | 79   |               |
| DRS3D-065 | 6.5       | 8        | 24      | 34    | 36       | 79   |               |
| DRS3D-066 | 6.6       | 8        | 24      | 34    | 36       | 79   |               |
| DRS3D-067 | 6.7       | 8        | 24      | 34    | 36       | 79   |               |
| DRS3D-068 | 6.8       | 8        | 24      | 34    | 36       | 79   |               |
| DRS3D-069 | 6.9       | 8        | 24      | 34    | 36       | 79   |               |
| DRS3D-070 | 7         | 8        | 24      | 34    | 36       | 79   | 各¥16,500      |
| DRS3D-071 | 7.1       | 8        | 29      | 41    | 36       | 79   |               |

| 型番        | 刃径 D (m7) | シャンク径 d2 | 有効溝長 l1 | 溝長 l2 | シャンク長 l3 | 全長 L | 希望小売価格 (円・税別) |
|-----------|-----------|----------|---------|-------|----------|------|---------------|
| DRS3D-072 | 7.2       | 8        | 29      | 41    | 36       | 79   | 各¥7,370       |
| DRS3D-073 | 7.3       | 8        | 29      | 41    | 36       | 79   |               |
| DRS3D-074 | 7.4       | 8        | 29      | 41    | 36       | 79   |               |
| DRS3D-075 | 7.5       | 8        | 29      | 41    | 36       | 79   |               |
| DRS3D-076 | 7.6       | 8        | 29      | 41    | 36       | 79   |               |
| DRS3D-077 | 7.7       | 8        | 29      | 41    | 36       | 79   |               |
| DRS3D-078 | 7.8       | 8        | 29      | 41    | 36       | 79   |               |
| DRS3D-079 | 7.9       | 8        | 29      | 41    | 36       | 79   |               |
| DRS3D-080 | 8         | 8        | 29      | 41    | 36       | 79   |               |
| DRS3D-081 | 8.1       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-082 | 8.2       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-083 | 8.3       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-084 | 8.4       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-085 | 8.5       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-086 | 8.6       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-087 | 8.7       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-088 | 8.8       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-089 | 8.9       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-090 | 9         | 10       | 35      | 47    | 40       | 89   | 各¥11,990      |
| DRS3D-091 | 9.1       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-092 | 9.2       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-093 | 9.3       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-094 | 9.4       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-095 | 9.5       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-096 | 9.6       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-097 | 9.7       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-098 | 9.8       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-099 | 9.9       | 10       | 35      | 47    | 40       | 89   |               |
| DRS3D-100 | 10        | 10       | 35      | 47    | 40       | 89   | 各¥16,500      |
| DRS3D-101 | 10.1      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-102 | 10.2      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-103 | 10.3      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-104 | 10.4      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-105 | 10.5      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-106 | 10.6      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-107 | 10.7      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-108 | 10.8      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-109 | 10.9      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-110 | 11        | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-111 | 11.1      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-112 | 11.2      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-113 | 11.3      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-114 | 11.4      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-115 | 11.5      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-116 | 11.6      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-117 | 11.7      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-118 | 11.8      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-119 | 11.9      | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-120 | 12        | 12       | 40      | 55    | 45       | 102  |               |
| DRS3D-125 | 12.5      | 14       | 43      | 60    | 45       | 107  |               |
| DRS3D-127 | 12.7      | 14       | 43      | 60    | 45       | 107  |               |
| DRS3D-130 | 13        | 14       | 43      | 60    | 45       | 107  |               |

※切削条件についてはP.31をご参照ください。