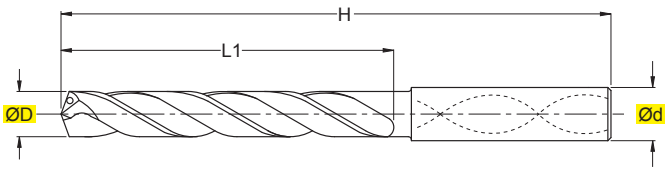
# SDF0551

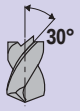
*ØD = 3 - 16*




| TOLLERANZE<br>TOLLERANCE RANGE | D<br>h7 | d<br>h5 |
|---|---|---|

RIVESTIM. COATED
TIALN

5xD


DIN 6535

MG

(mm)

| ART. | ØD | Ød | H | L1 |
|---|---|---|---|---|
| SDF0551030 | 3,00 | 6 | 66 | 28 |
| SDF0551031 | 3,10 | 6 | 66 | 28 |
| SDF0551032 | 3,20 | 6 | 66 | 28 |
| SDF0551033 | 3,30 | 6 | 66 | 28 |
| SDF0551034 | 3,40 | 6 | 66 | 28 |
| SDF0551035 | 3,50 | 6 | 66 | 28 |
| SDF0551036 | 3,60 | 6 | 66 | 28 |
| SDF0551037 | 3,70 | 6 | 66 | 28 |
| SDF0551038 | 3,80 | 6 | 74 | 36 |
| SDF0551039 | 3,90 | 6 | 74 | 36 |
| SDF0551040 | 4,00 | 6 | 74 | 36 |
| SDF0551041 | 4,10 | 6 | 74 | 36 |
| SDF0551042 | 4,20 | 6 | 74 | 36 |
| SDF0551043 | 4,30 | 6 | 74 | 36 |
| SDF0551044 | 4,40 | 6 | 74 | 36 |
| SDF0551045 | 4,50 | 6 | 74 | 36 |
| SDF0551046 | 4,60 | 6 | 74 | 36 |
| SDF0551047 | 4,70 | 6 | 74 | 36 |
| SDF0551048 | 4,80 | 6 | 82 | 44 |
| SDF0551049 | 4,90 | 6 | 82 | 44 |
| SDF0551050 | 5,00 | 6 | 82 | 44 |
| SDF0551051 | 5,10 | 6 | 82 | 44 |
| SDF0551052 | 5,20 | 6 | 82 | 44 |
| SDF0551053 | 5,30 | 6 | 82 | 44 |
| SDF0551054 | 5,40 | 6 | 82 | 44 |
| SDF0551055 | 5,50 | 6 | 82 | 44 |
| SDF0551056 | 5,60 | 6 | 82 | 44 |
| SDF0551057 | 5,70 | 6 | 82 | 44 |
| SDF0551058 | 5,80 | 6 | 82 | 44 |
| SDF0551059 | 5,90 | 6 | 82 | 44 |
| SDF0551060 | 6,00 | 6 | 82 | 44 |
| SDF0551061 | 6,10 | 8 | 91 | 53 |
| SDF0551062 | 6,20 | 8 | 91 | 53 |
| SDF0551063 | 6,30 | 8 | 91 | 53 |
| SDF0551064 | 6,40 | 8 | 91 | 53 |
| SDF0551065 | 6,50 | 8 | 91 | 53 |
| SDF0551066 | 6,60 | 8 | 91 | 53 |
| SDF0551067 | 6,70 | 8 | 91 | 53 |
| SDF0551068 | 6,80 | 8 | 91 | 53 |
| SDF0551069 | 6,90 | 8 | 91 | 53 |
| SDF0551070 | 7,00 | 8 | 91 | 53 |
| SDF0551071 | 7,10 | 8 | 91 | 53 |
| SDF0551072 | 7,20 | 8 | 91 | 53 |
| SDF0551073 | 7,30 | 8 | 91 | 53 |
| SDF0551074 | 7,40 | 8 | 91 | 53 |

(mm)

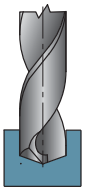
| ART. | ØD | Ød | H | L1 |
|---|---|---|---|---|
| SDF0551075 | 7,50 | 8 | 91 | 53 |
| SDF0551076 | 7,60 | 8 | 91 | 53 |
| SDF0551077 | 7,70 | 8 | 91 | 53 |
| SDF0551078 | 7,80 | 8 | 91 | 53 |
| SDF0551079 | 7,90 | 8 | 91 | 53 |
| SDF0551080 | 8,00 | 8 | 91 | 53 |
| SDF0551081 | 8,10 | 10 | 103 | 61 |
| SDF0551082 | 8,20 | 10 | 103 | 61 |
| SDF0551083 | 8,30 | 10 | 103 | 61 |
| SDF0551084 | 8,40 | 10 | 103 | 61 |
| SDF0551085 | 8,50 | 10 | 103 | 61 |
| SDF0551086 | 8,60 | 10 | 103 | 61 |
| SDF0551087 | 8,70 | 10 | 103 | 61 |
| SDF0551088 | 8,80 | 10 | 103 | 61 |
| SDF0551089 | 8,90 | 10 | 103 | 61 |
| SDF0551090 | 9,00 | 10 | 103 | 61 |
| SDF0551091 | 9,10 | 10 | 103 | 61 |
| SDF0551092 | 9,20 | 10 | 103 | 61 |
| SDF0551093 | 9,30 | 10 | 103 | 61 |
| SDF0551094 | 9,40 | 10 | 103 | 61 |
| SDF0551095 | 9,50 | 10 | 103 | 61 |
| SDF0551096 | 9,60 | 10 | 103 | 61 |
| SDF0551097 | 9,70 | 10 | 103 | 61 |
| SDF0551098 | 9,80 | 10 | 103 | 61 |
| SDF0551099 | 9,90 | 10 | 103 | 61 |
| SDF0551100 | 10,00 | 10 | 103 | 61 |
| SDF0551102 | 10,20 | 12 | 118 | 71 |
| SDF0551103 | 10,30 | 12 | 118 | 71 |
| SDF0551105 | 10,50 | 12 | 118 | 71 |
| SDF0551108 | 10,80 | 12 | 118 | 71 |
| SDF0551110 | 11,00 | 12 | 118 | 71 |
| SDF0551112 | 11,20 | 12 | 118 | 71 |
| SDF0551115 | 11,50 | 12 | 118 | 71 |
| SDF0551118 | 11,80 | 12 | 118 | 71 |
| SDF0551120 | 12,00 | 12 | 118 | 71 |
| SDF0551122 | 12,20 | 14 | 124 | 77 |
| SDF0551125 | 12,50 | 14 | 124 | 77 |
| SDF0551128 | 12,80 | 14 | 124 | 77 |
| SDF0551130 | 13,00 | 14 | 124 | 77 |
| SDF0551135 | 13,50 | 14 | 124 | 77 |
| SDF0551138 | 13,80 | 14 | 124 | 77 |
| SDF0551140 | 14,00 | 14 | 124 | 77 |
| SDF0551142 | 14,20 | 16 | 133 | 83 |
| SDF0551145 | 14,50 | 16 | 133 | 83 |
| SDF0551148 | 14,80 | 16 | 133 | 83 |

(mm)

| ART. | ØD | Ød | H | L1 |
|---|---|---|---|---|
| SDF0551150 | 15,00 | 16 | 133 | 83 |
| SDF0551152 | 15,20 | 16 | 133 | 83 |
| SDF0551155 | 15,50 | 16 | 133 | 83 |
| SDF0551158 | 15,80 | 16 | 133 | 83 |
| SDF0551160 | 16,00 | 16 | 133 | 83 |

PAG. H 28

MATERIALI - MATERIALS Pag. H 73

| Applicazione - Application | P | | | | M | K | | | N | | | S | | H | G | (mm) | (m/min) | (mm) | (mm) | (mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ACCIAIO NON LEGATO NOT ALLOY STEEL | ACCIAIO POCO LEGATO LOW ALLOY STEEL | ACCIAIO ALTO LEGATO ALLOY STEEL | INOX MARTENSITICO STAINLESS STEEL MART. | INOX AUST. DUPLEX STAINLESS STEEL AUST. | GHISA GRIGIA GREY CAST IRON | GHISA SFEROIDALE SPHEROIDAL GRAPHITE | GHISA MALLEABILE MALLEABLE CAST IRON | ALLUMINIO E SUE LEGHE ALUMINIUM | RAME E SUE LEGHE COPPER | NON METALLICI PLASTICS | LEGHE RESIST. CALORE HIGH TEMP. ALLOY | TITANIO E SUE LEGHE TITANIUM | ACCIAIO TEMPRATO HARDENED STEEL | GRAFITE GRAPHITE | ØD | Vc | fn | n | Vf |
|  | ○ | | | | | | | | | | | | | | | 3÷4 | 100 | 0,065 | 9099 | 591 |
| | ○ | | | | | | | | | | | | | | | 4÷5 | 100 | 0,085 | 7077 | 602 |
| | ○ | | | | | | | | | | | | | | | 5÷6 | 100 | 0,110 | 5790 | 637 |
| | ○ | | | | | | | | | | | | | | | 6÷7 | 100 | 0,135 | 4900 | 661 |
| | ○ | | | | | | | | | | | | | | | 7÷8 | 100 | 0,160 | 4246 | 679 |
| | ○ | | | | | | | | | | | | | | | 8÷9 | 100 | 0,180 | 3747 | 674 |
| | ○ | | | | | | | | | | | | | | | 9÷10 | 100 | 0,195 | 3352 | 654 |
| | ○ | | | | | | | | | | | | | | | 10÷12 | 100 | 0,215 | 2895 | 622 |
| | ○ | | | | | | | | | | | | | | | 12÷14 | 100 | 0,245 | 2450 | 600 |
| | ○ | | | | | | | | | | | | | | | 14÷16 | 100 | 0,285 | 2123 | 605 |
| | | ○ | | | | | | | | | | | | | | 3÷4 | 75 | 0,035 | 6824 | 239 |
| | | ○ | | | | | | | | | | | | | | 4÷5 | 75 | 0,045 | 5308 | 239 |
| | | ○ | | | | | | | | | | | | | | 5÷6 | 75 | 0,060 | 4343 | 261 |
| | | ○ | | | | | | | | | | | | | | 6÷7 | 75 | 0,070 | 3675 | 257 |
| | | ○ | | | | | | | | | | | | | | 7÷8 | 75 | 0,080 | 3185 | 255 |
| | | ○ | | | | | | | | | | | | | | 8÷9 | 75 | 0,090 | 2810 | 253 |
| | | ○ | | | | | | | | | | | | | | 9÷10 | 75 | 0,100 | 2514 | 251 |
| | | ○ | | | | | | | | | | | | | | 10÷12 | 75 | 0,115 | 2171 | 250 |
| | | ○ | | | | | | | | | | | | | | 12÷14 | 75 | 0,130 | 1837 | 239 |
| | | ○ | | | | | | | | | | | | | | 14÷16 | 75 | 0,150 | 1592 | 239 |
| | | | | | ● | | | | | | | | | | | 3÷4 | 80 | 0,035 | 7279 | 255 |
| | | | | | ● | | | | | | | | | | | 4÷5 | 80 | 0,045 | 5662 | 255 |
| | | | | | ● | | | | | | | | | | | 5÷6 | 80 | 0,060 | 4632 | 278 |
| | | | | | ● | | | | | | | | | | | 6÷7 | 80 | 0,070 | 3920 | 274 |
| | | | | | ● | | | | | | | | | | | 7÷8 | 80 | 0,080 | 3397 | 272 |
| | | | | | ● | | | | | | | | | | | 8÷9 | 80 | 0,090 | 2997 | 270 |
| | | | | | ● | | | | | | | | | | | 9÷10 | 80 | 0,100 | 2682 | 268 |
| | | | | | ● | | | | | | | | | | | 10÷12 | 80 | 0,115 | 2316 | 266 |
| | | | | | ● | | | | | | | | | | | 12÷14 | 80 | 0,130 | 1960 | 255 |
| | | | | | ● | | | | | | | | | | | 14÷16 | 80 | 0,150 | 1699 | 255 |
| | | | | | | ○ | | | | | | | | | | 3÷4 | 126 | 0,090 | 11465 | 1032 |
| | | | | | | ○ | | | | | | | | | | 4÷5 | 126 | 0,110 | 8917 | 981 |
| | | | | | | ○ | | | | | | | | | | 5÷6 | 126 | 0,140 | 7296 | 1021 |
| | | | | | | ○ | | | | | | | | | | 6÷7 | 126 | 0,160 | 6173 | 988 |
| | | | | | | ○ | | | | | | | | | | 7÷8 | 126 | 0,180 | 5350 | 963 |
| | | | | | | ○ | | | | | | | | | | 8÷9 | 126 | 0,225 | 4721 | 1062 |
| | | | | | | ○ | | | | | | | | | | 9÷10 | 126 | 0,240 | 4224 | 1014 |
| | | | | | | ○ | | | | | | | | | | 10÷12 | 126 | 0,270 | 3648 | 985 |
| | | | | | | ○ | | | | | | | | | | 12÷14 | 126 | 0,320 | 3087 | 988 |
| | | | | | | ○ | | | | | | | | | | 14÷16 | 126 | 0,340 | 2675 | 910 |
| | | | | | | | ○ | | | | | | | | | 3÷4 | 105 | 0,090 | 9554 | 860 |
| | | | | | | | ○ | | | | | | | | | 4÷5 | 105 | 0,110 | 7431 | 817 |
| | | | | | | | ○ | | | | | | | | | 5÷6 | 105 | 0,140 | 6080 | 851 |
| | | | | | | | ○ | | | | | | | | | 6÷7 | 105 | 0,160 | 5145 | 823 |
| | | | | | | | ○ | | | | | | | | | 7÷8 | 105 | 0,180 | 4459 | 803 |
| | | | | | | | ○ | | | | | | | | | 8÷9 | 105 | 0,225 | 3934 | 885 |
| | | | | | | | ○ | | | | | | | | | 9÷10 | 105 | 0,240 | 3520 | 845 |
| | | | | | | | ○ | | | | | | | | | 10÷12 | 105 | 0,270 | 3040 | 821 |
| | | | | | | | ○ | | | | | | | | | 12÷14 | 105 | 0,320 | 2572 | 823 |
| | | | | | | | ○ | | | | | | | | | 14÷16 | 105 | 0,340 | 2229 | 758 |
| | | | | | | | | | | | | | ○ | | | 3÷4 | 25 | 0,014 | 2275 | 32 |
| | | | | | | | | | | | | | ○ | | | 4÷5 | 25 | 0,022 | 1769 | 39 |
| | | | | | | | | | | | | | ○ | | | 5÷6 | 25 | 0,030 | 1448 | 43 |
| | | | | | | | | | | | | | ○ | | | 6÷7 | 25 | 0,040 | 1225 | 49 |
| | | | | | | | | | | | | | ○ | | | 7÷8 | 25 | 0,050 | 1062 | 53 |
| | | | | | | | | | | | | | ○ | | | 8÷9 | 25 | 0,060 | 937 | 56 |
| | | | | | | | | | | | | | ○ | | | 9÷10 | 25 | 0,070 | 838 | 59 |
| | | | | | | | | | | | | | ○ | | | 10÷12 | 25 | 0,090 | 724 | 65 |
| | | | | | | | | | | | | | ○ | | | 12÷14 | 25 | 0,110 | 612 | 67 |
| | | | | | | | | | | | | | ○ | | | 14÷16 | 25 | 0,130 | 531 | 69 |

● APPLICAZIONE CONSIGLIATA-RECOMMENDED APPLICATION
EMPFOHLENER EINSATZ - APPLICATION CONSEILLÉE

○ APPLICAZIONE POSSIBILE - POSSIBLE APPLICATION
MÖGLICHE ANWENDUNG - APPLICATION POSSIBLE

**Vc** = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

**n** = giri/min ($min^{-1}$) NUMERO DI GIRI - NUMBER OF REVOLUTIONS

**fn** = mm AVANZAMENTO AL GIRO - FEED / REVOLUTION

**Vf** = mm/min VELOCITÀ DI AVANZAMENTO - FEED SPEED