

REAMER

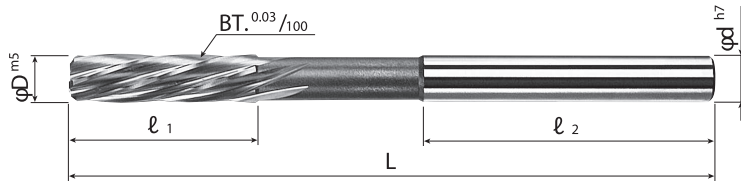
รีมเมอร์



Straight Shank
ก้านตรง

ซี่กั้งรีมเมอร์เกลียวเลื่อยก้านกลม

SPIRAL CHUCKING REAMERS WITH STRAIGHT SHANK



※ Left helix 20° 45° Chamfer
※ Figure is shape of $\varnothing 3.0$ or more



- Short flute length type
- Straight shank
- Uses MCO material (Cobalt high-speed steel)

| Order No. | Size | | | | | |
|-----------|----------|------------|----------------|----------------|----------------|-----------------|
| | Diameter | Shank Dia. | Flute Length | Shank Length | Overall Length | Number of teeth |
| | D | d | ℓ ₁ | ℓ ₂ | L | NT |
| SPCR020 | 2.0 | 2.0 | 11 | 20 | 49 | 4 |
| SPCR021 | 2.1 | 2.0 | 11 | 20 | 49 | 4 |
| SPCR022 | 2.2 | 2.0 | 11 | 20 | 49 | 4 |
| SPCR023 | 2.3 | 2.0 | 12 | 25 | 53 | 4 |
| SPCR024 | 2.4 | 2.0 | 12 | 25 | 53 | 4 |
| SPCR025 | 2.5 | 2.5 | 14 | 27 | 57 | 4 |
| SPCR026 | 2.6 | 2.5 | 14 | 27 | 57 | 4 |
| SPCR027 | 2.7 | 2.5 | 14 | 27 | 57 | 4 |
| SPCR028 | 2.8 | 2.5 | 14 | 27 | 57 | 4 |
| SPCR029 | 2.9 | 2.5 | 14 | 27 | 57 | 4 |
| SPCR030 | 3.0 | 3.0 | 15 | 30 | 61 | 4 |
| SPCR031 | 3.1 | 3.0 | 15 | 30 | 61 | 4 |
| SPCR032 | 3.2 | 3.0 | 15 | 30 | 61 | 4 |
| SPCR033 | 3.3 | 3.0 | 15 | 30 | 61 | 4 |
| SPCR034 | 3.4 | 3.0 | 15 | 30 | 61 | 4 |
| SPCR035 | 3.5 | 3.5 | 15 | 30 | 61 | 4 |
| SPCR036 | 3.6 | 3.5 | 15 | 30 | 61 | 4 |
| SPCR037 | 3.7 | 3.5 | 15 | 30 | 61 | 4 |
| SPCR038 | 3.8 | 3.5 | 15 | 30 | 61 | 4 |
| SPCR039 | 3.9 | 3.5 | 15 | 30 | 61 | 4 |
| SPCR040 | 4.0 | 4.0 | 19 | 32 | 75 | 6 |
| SPCR041 | 4.1 | 4.0 | 19 | 32 | 75 | 6 |
| SPCR042 | 4.2 | 4.0 | 19 | 32 | 75 | 6 |
| SPCR043 | 4.3 | 4.0 | 19 | 32 | 75 | 6 |
| SPCR044 | 4.4 | 4.0 | 19 | 32 | 75 | 6 |
| SPCR045 | 4.5 | 4.0 | 21 | 35 | 80 | 6 |
| SPCR046 | 4.6 | 4.0 | 21 | 35 | 80 | 6 |
| SPCR047 | 4.7 | 4.0 | 21 | 35 | 80 | 6 |
| SPCR048 | 4.8 | 4.0 | 21 | 35 | 80 | 6 |
| SPCR049 | 4.9 | 4.0 | 21 | 35 | 80 | 6 |
| SPCR050 | 5.0 | 5.0 | 23 | 35 | 86 | 6 |
| SPCR051 | 5.1 | 5.0 | 23 | 35 | 86 | 6 |
| SPCR052 | 5.2 | 5.0 | 23 | 35 | 86 | 6 |
| SPCR053 | 5.3 | 5.0 | 23 | 35 | 86 | 6 |
| SPCR054 | 5.4 | 5.0 | 23 | 35 | 86 | 6 |
| SPCR055 | 5.5 | 5.0 | 26 | 40 | 93 | 6 |

| Order No. | Size | | | | | |
|-----------|----------|------------|----------------|----------------|----------------|-----------------|
| | Diameter | Shank Dia. | Flute Length | Shank Length | Overall Length | Number of teeth |
| | D | d | ℓ ₁ | ℓ ₂ | L | NT |
| SPCR056 | 5.6 | 5.0 | 26 | 40 | 93 | 6 |
| SPCR057 | 5.7 | 5.0 | 26 | 40 | 93 | 6 |
| SPCR058 | 5.8 | 5.0 | 26 | 40 | 93 | 6 |
| SPCR059 | 5.9 | 5.0 | 26 | 40 | 93 | 6 |
| SPCR060 | 6.0 | 6.0 | 26 | 40 | 93 | 6 |
| SPCR061 | 6.1 | 6.0 | 26 | 40 | 93 | 6 |
| SPCR062 | 6.2 | 6.0 | 26 | 40 | 93 | 6 |
| SPCR063 | 6.3 | 6.0 | 26 | 40 | 93 | 6 |
| SPCR064 | 6.4 | 6.0 | 26 | 40 | 93 | 6 |
| SPCR065 | 6.5 | 6.0 | 26 | 40 | 93 | 6 |
| SPCR066 | 6.6 | 6.0 | 26 | 40 | 93 | 6 |
| SPCR067 | 6.7 | 6.0 | 26 | 40 | 93 | 6 |
| SPCR068 | 6.8 | 6.0 | 26 | 40 | 93 | 6 |
| SPCR069 | 6.9 | 6.0 | 26 | 40 | 93 | 6 |
| SPCR070 | 7.0 | 6.0 | 31 | 45 | 109 | 6 |
| SPCR071 | 7.1 | 6.0 | 31 | 45 | 109 | 6 |
| SPCR072 | 7.2 | 6.0 | 31 | 45 | 109 | 6 |
| SPCR073 | 7.3 | 6.0 | 31 | 45 | 109 | 6 |
| SPCR074 | 7.4 | 6.0 | 31 | 45 | 109 | 6 |
| SPCR075 | 7.5 | 6.0 | 31 | 45 | 109 | 6 |
| SPCR076 | 7.6 | 6.0 | 31 | 45 | 109 | 6 |
| SPCR077 | 7.7 | 6.0 | 31 | 45 | 109 | 6 |
| SPCR078 | 7.8 | 6.0 | 31 | 45 | 109 | 6 |
| SPCR079 | 7.9 | 6.0 | 31 | 45 | 109 | 6 |
| SPCR080 | 8.0 | 8.0 | 33 | 50 | 117 | 6 |
| SPCR081 | 8.1 | 8.0 | 33 | 50 | 117 | 6 |
| SPCR082 | 8.2 | 8.0 | 33 | 50 | 117 | 6 |
| SPCR083 | 8.3 | 8.0 | 33 | 50 | 117 | 6 |
| SPCR084 | 8.4 | 8.0 | 33 | 50 | 117 | 6 |
| SPCR085 | 8.5 | 8.0 | 33 | 50 | 117 | 6 |
| SPCR086 | 8.6 | 8.0 | 33 | 50 | 117 | 6 |
| SPCR087 | 8.7 | 8.0 | 33 | 50 | 117 | 6 |
| SPCR088 | 8.8 | 8.0 | 33 | 50 | 117 | 6 |
| SPCR089 | 8.9 | 8.0 | 33 | 50 | 117 | 6 |
| SPCR090 | 9.0 | 8.0 | 36 | 55 | 125 | 6 |
| SPCR091 | 9.1 | 8.0 | 36 | 55 | 125 | 6 |

| Order No. | Size | | | | | |
|----------------|----------|------------|--------------|--------------|----------------|-----------------|
| | Diameter | Shank Dia. | Flute Length | Shank Length | Overall Length | Number of teeth |
| | D | d | ℓ1 | ℓ2 | L | NT |
| SPCR092 | 9.2 | 8.0 | 36 | 55 | 125 | 6 |
| SPCR093 | 9.3 | 8.0 | 36 | 55 | 125 | 6 |
| SPCR094 | 9.4 | 8.0 | 36 | 55 | 125 | 6 |
| SPCR095 | 9.5 | 8.0 | 36 | 55 | 125 | 6 |
| SPCR096 | 9.6 | 8.0 | 36 | 55 | 125 | 6 |
| SPCR097 | 9.7 | 8.0 | 36 | 55 | 125 | 6 |
| SPCR098 | 9.8 | 8.0 | 36 | 55 | 125 | 6 |
| SPCR099 | 9.9 | 8.0 | 36 | 55 | 125 | 6 |
| SPCR100 | 10.0 | 10.0 | 38 | 60 | 133 | 6 |
| SPCR101 | 10.1 | 10.0 | 38 | 60 | 133 | 6 |
| SPCR102 | 10.2 | 10.0 | 38 | 60 | 133 | 6 |
| SPCR103 | 10.3 | 10.0 | 38 | 60 | 133 | 6 |
| SPCR104 | 10.4 | 10.0 | 38 | 60 | 133 | 6 |
| SPCR105 | 10.5 | 10.0 | 38 | 60 | 133 | 6 |
| SPCR106 | 10.6 | 10.0 | 38 | 60 | 133 | 6 |
| SPCR107 | 10.7 | 10.0 | 38 | 60 | 133 | 6 |
| SPCR108 | 10.8 | 10.0 | 38 | 60 | 133 | 6 |
| SPCR109 | 10.9 | 10.0 | 38 | 60 | 133 | 6 |
| SPCR110 | 11.0 | 10.0 | 41 | 60 | 142 | 6 |
| SPCR111 | 11.1 | 10.0 | 41 | 60 | 142 | 6 |
| SPCR112 | 11.2 | 10.0 | 41 | 60 | 142 | 6 |
| SPCR113 | 11.3 | 10.0 | 41 | 60 | 142 | 6 |

Inch Size

| Order No. | Size | | | | | |
|-------------------|----------|------------|--------------|--------------|----------------|-----------------|
| | Diameter | Shank Dia. | Flute Length | Shank Length | Overall Length | Number of teeth |
| | D | d | ℓ1 | ℓ2 | L | NT |
| SPCRH3.175 | 3.175 | 3.0 | 15 | 30 | 61 | 4 |
| SPCRH6.35 | 6.35 | 6.0 | 26 | 40 | 93 | 6 |
| SPCRH9.525 | 9.525 | 8.0 | 36 | 55 | 125 | 6 |
| SPCR127 | 12.7 | 10.0 | 44 | 60 | 151 | 6 |

| Order No. | Size | | | | | |
|----------------|----------|------------|--------------|--------------|----------------|-----------------|
| | Diameter | Shank Dia. | Flute Length | Shank Length | Overall Length | Number of teeth |
| | D | d | ℓ1 | ℓ2 | L | NT |
| SPCR114 | 11.4 | 10.0 | 41 | 60 | 142 | 6 |
| SPCR115 | 11.5 | 10.0 | 41 | 60 | 142 | 6 |
| SPCR116 | 11.6 | 10.0 | 41 | 60 | 142 | 6 |
| SPCR117 | 11.7 | 10.0 | 41 | 60 | 142 | 6 |
| SPCR118 | 11.8 | 10.0 | 41 | 60 | 142 | 6 |
| SPCR119 | 11.9 | 10.0 | 41 | 60 | 142 | 6 |
| SPCR120 | 12.0 | 10.0 | 44 | 60 | 151 | 6 |
| SPCR125 | 12.5 | 10.0 | 44 | 60 | 151 | 6 |
| SPCR130 | 13.0 | 10.0 | 44 | 60 | 151 | 6 |
| SPCR135 | 13.5 | 12.0 | 47 | 65 | 160 | 6 |
| SPCR140 | 14.0 | 12.0 | 47 | 65 | 160 | 8 |
| SPCR145 | 14.5 | 12.0 | 50 | 65 | 162 | 8 |
| SPCR150 | 15.0 | 12.0 | 50 | 65 | 162 | 8 |
| SPCR155 | 15.5 | 12.0 | 52 | 65 | 170 | 8 |
| SPCR160 | 16.0 | 12.0 | 52 | 65 | 170 | 8 |
| SPCR165 | 16.5 | 12.0 | 54 | 65 | 175 | 8 |
| SPCR170 | 17.0 | 12.0 | 54 | 65 | 175 | 8 |
| SPCR175 | 17.5 | 12.0 | 56 | 65 | 182 | 8 |
| SPCR180 | 18.0 | 12.0 | 56 | 65 | 182 | 8 |
| SPCR185 | 18.5 | 16.0 | 58 | 65 | 189 | 8 |
| SPCR190 | 19.0 | 16.0 | 58 | 65 | 189 | 8 |
| SPCR195 | 19.5 | 16.0 | 60 | 65 | 195 | 8 |
| SPCR200 | 20.0 | 16.0 | 60 | 65 | 195 | 8 |

Carbide

คาร์ไบด์

HSS

ไฮสปีด

Spiral Flute

ร่องเกลียว

Straight Flute

ร่องตรง

Helical Flute

ร่องเกลียว