



# NACHREINER

spanabhebende Werkzeuge



spanabhebende Werkzeuge

## GEWINDESCHNEIDEN

Präzision bedeutet,  
nichts dem Zufall zu überlassen.



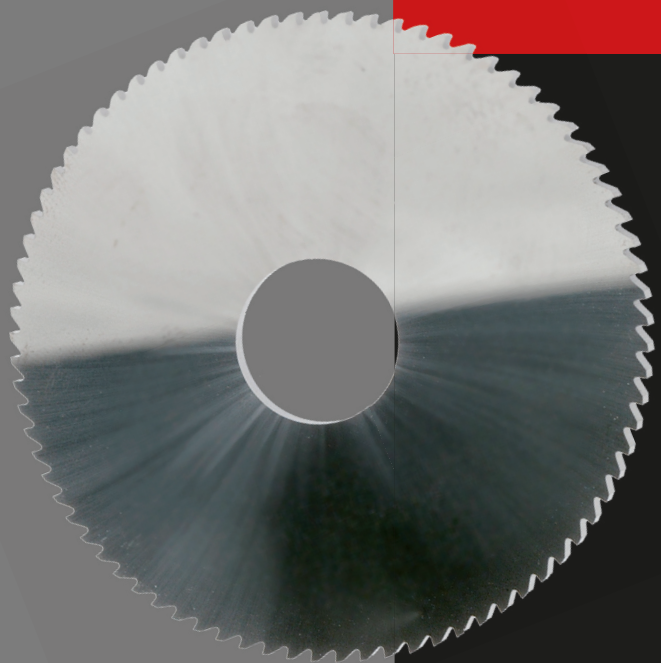
## BOHREN SENKEN

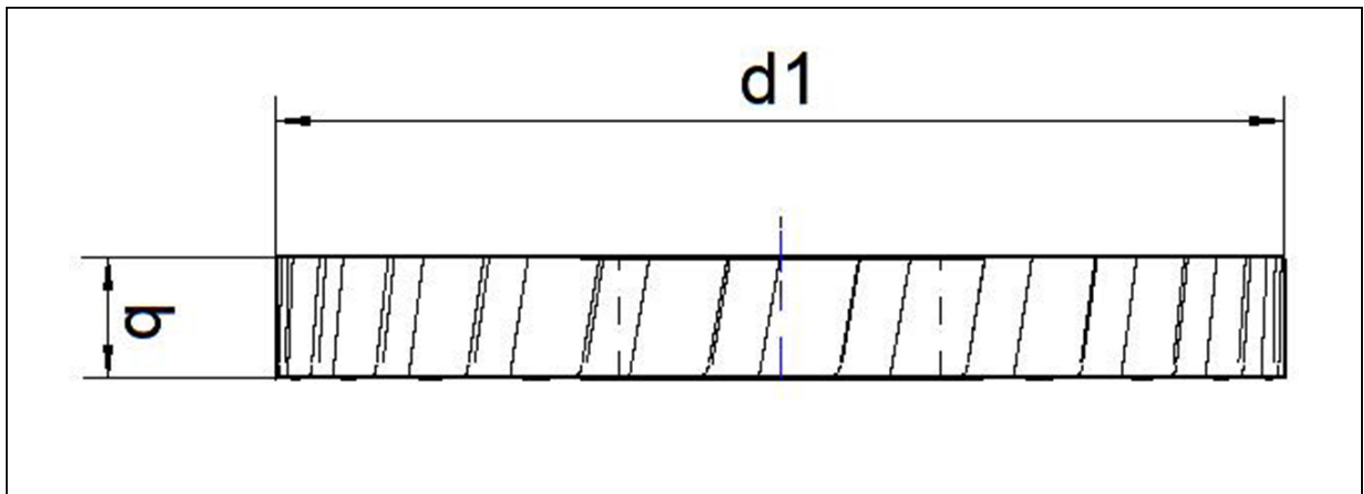
## FRÄSEN

## REIBEN



Sägen VHM / HSS  
Slitting saws





## VHM-Kreissägeblätter, feinverzahnt

E.1061.0



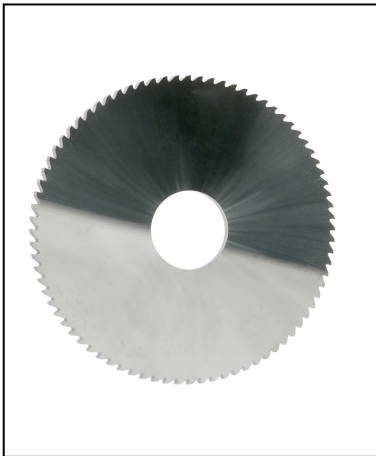
**Schnittdaten** >

### Einsatzrichtwerte

| Material                                                 | Nr. | Vc m/min  |
|----------------------------------------------------------|-----|-----------|
| allg. Stähle -500 N/mm <sup>2</sup>                      | 1.1 | 150 - 250 |
| allg. Stähle -700 N/mm <sup>2</sup>                      | 1.2 | 120 - 180 |
| allg. Stähle - 850N/mm <sup>2</sup>                      | 1.3 | 100 - 180 |
| allg. Stähle -1000 N/mm <sup>2</sup>                     | 1.4 | 60 - 120  |
| allg. Stähle -1400 N/mm <sup>2</sup>                     | 1.5 | 30 - 60   |
| Einsatzstähle < 1000N/mm <sup>2</sup>                    | 1.6 | 70 - 120  |
| Nitrierstähle < 1000N/mm <sup>2</sup>                    | 1.7 | 70 - 120  |
| Vergütungsstähle < 850N/mm <sup>2</sup>                  | 1.8 | 110 - 180 |
| Werkzeugstähle (legiert und unlegiert)                   | 1.9 | 70 - 120  |
| Rost und säurebeständige Stähle bis 700N/mm <sup>2</sup> | 2.1 | 70 - 150  |
| Rost und säurebeständige Stähle ab 700N/mm <sup>2</sup>  | 2.2 | 70 - 150  |
| Gusseisen bis 180 HB                                     | 3.1 | 100 - 150 |
| Temperguss                                               | 3.2 | 100 - 150 |

| Material                             | Nr. | Vc m/min    |
|--------------------------------------|-----|-------------|
| Gusseisen mit Kugelgraphit           | 3.3 |             |
| AL-und AL-Legierungen bis 6% Si      | 4.1 | 450 - 1800  |
| AL-und AL-Legierungen (unter 12% Si) | 4.2 | 450 - 1800  |
| AL-Legierung (über 12% Si)           | 4.3 | 450 - 1100  |
| Messing, Kupfer, Bronze, Rotguss     | 4.4 | 250 - 600   |
| Duroplaste und Thermoplast           | 4.5 | 1500 - 3500 |
| Grafit, GFK, Kupfer                  | 4.6 |             |
| Titan und Titanlegierung             | 5.1 |             |
| Nickel                               | 5.2 |             |
| gehärtete Stähle 45-55 HRC           | 6.1 |             |
| gehärtete Stähle 55-60 HRC           | 6.2 |             |
| gehärtete Stähle 60-65 HRC           | 6.3 |             |

## Weitere Ansichten



## Verfügbare Varianten

| Artikel-Nr.        | d1 js15 | b ± 0,01 | Bohrung H6 | Zähne |
|--------------------|---------|----------|------------|-------|
| E.1061.0.01500.015 | 15      | 0.15     | 5          | 64    |
| E.1061.0.01500.020 | 15      | 0.2      | 5          | 64    |
| E.1061.0.01500.025 | 15      | 0.25     | 5          | 64    |
| E.1061.0.01500.030 | 15      | 0.3      | 5          | 64    |
| E.1061.0.01500.035 | 15      | 0.35     | 5          | 64    |
| E.1061.0.01500.040 | 15      | 0.4      | 5          | 64    |

|                    |    |      |   |    |
|--------------------|----|------|---|----|
| E.1061.0.01500.050 | 15 | 0.5  | 5 | 48 |
| E.1061.0.01500.060 | 15 | 0.6  | 5 | 48 |
| E.1061.0.01500.070 | 15 | 0.7  | 5 | 48 |
| E.1061.0.01500.080 | 15 | 0.8  | 5 | 40 |
| E.1061.0.01500.100 | 15 | 1    | 5 | 40 |
| E.1061.0.01500.110 | 15 | 1.1  | 5 | 40 |
| E.1061.0.01500.120 | 15 | 1.2  | 5 | 40 |
| E.1061.0.01500.140 | 15 | 1.4  | 5 | 40 |
| E.1061.0.01500.150 | 15 | 1.5  | 5 | 40 |
| E.1061.0.01500.200 | 15 | 2    | 5 | 40 |
| E.1061.0.01500.250 | 15 | 2.5  | 5 | 40 |
| E.1061.0.01500.300 | 15 | 3    | 5 | 40 |
| E.1061.0.01500.350 | 15 | 3.5  | 5 | 40 |
| E.1061.0.02000.010 | 20 | 0.1  | 5 | 80 |
| E.1061.0.02000.015 | 20 | 0.15 | 5 | 80 |
| E.1061.0.02000.020 | 20 | 0.2  | 5 | 80 |
| E.1061.0.02000.025 | 20 | 0.25 | 5 | 64 |
| E.1061.0.02000.030 | 20 | 0.3  | 5 | 64 |
| E.1061.0.02000.035 | 20 | 0.35 | 5 | 64 |
| E.1061.0.02000.040 | 20 | 0.4  | 5 | 64 |
| E.1061.0.02000.050 | 20 | 0.5  | 5 | 48 |
| E.1061.0.02000.060 | 20 | 0.6  | 5 | 48 |
| E.1061.0.02000.070 | 20 | 0.7  | 5 | 48 |
| E.1061.0.02000.080 | 20 | 0.8  | 5 | 48 |
| E.1061.0.02000.090 | 20 | 0.9  | 5 | 40 |
| E.1061.0.02000.100 | 20 | 1    | 5 | 40 |
| E.1061.0.02000.110 | 20 | 1.1  | 5 | 40 |
| E.1061.0.02000.120 | 20 | 1.2  | 5 | 40 |

|                    |    |     |   |     |
|--------------------|----|-----|---|-----|
| E.1061.0.02000.140 | 20 | 1.4 | 5 | 40  |
| E.1061.0.02000.150 | 20 | 1.5 | 5 | 40  |
| E.1061.0.02000.160 | 20 | 1.6 | 5 | 40  |
| E.1061.0.02000.200 | 20 | 2   | 5 | 32  |
| E.1061.0.02000.250 | 20 | 2.5 | 5 | 32  |
| E.1061.0.02000.300 | 20 | 3   | 5 | 32  |
| E.1061.0.02000.400 | 20 | 4   | 5 | 24  |
| E.1061.0.02000.600 | 20 | 6   | 5 | 24  |
| E.1061.0.02500.040 | 25 | 0.4 | 8 | 64  |
| E.1061.0.02500.050 | 25 | 0.5 | 8 | 64  |
| E.1061.0.02500.060 | 25 | 0.6 | 8 | 64  |
| E.1061.0.02500.070 | 25 | 0.7 | 8 | 48  |
| E.1061.0.02500.080 | 25 | 0.8 | 8 | 48  |
| E.1061.0.02500.100 | 25 | 1   | 8 | 48  |
| E.1061.0.02500.110 | 25 | 1.1 | 8 | 48  |
| E.1061.0.02500.120 | 25 | 1.2 | 8 | 48  |
| E.1061.0.02500.130 | 25 | 1.3 | 8 | 40  |
| E.1061.0.02500.150 | 25 | 1.5 | 8 | 40  |
| E.1061.0.02500.160 | 25 | 1.6 | 8 | 40  |
| E.1061.0.02500.170 | 25 | 1.7 | 8 | 40  |
| E.1061.0.02500.180 | 25 | 1.8 | 8 | 40  |
| E.1061.0.02500.200 | 25 | 2   | 8 | 40  |
| E.1061.0.02500.250 | 25 | 2.5 | 8 | 40  |
| E.1061.0.02500.300 | 25 | 3   | 8 | 32  |
| E.1061.0.03000.020 | 30 | 0.2 | 8 | 100 |
| E.1061.0.03000.030 | 30 | 0.3 | 8 | 80  |
| E.1061.0.03000.040 | 30 | 0.4 | 8 | 80  |
| E.1061.0.03000.050 | 30 | 0.5 | 8 | 80  |
|                    |    |     |   |     |

|                    |    |     |    |     |
|--------------------|----|-----|----|-----|
| E.1061.0.03000.060 | 30 | 0.6 | 8  | 64  |
| E.1061.0.03000.070 | 30 | 0.7 | 8  | 64  |
| E.1061.0.03000.080 | 30 | 0.8 | 8  | 64  |
| E.1061.0.03000.090 | 30 | 0.9 | 8  | 64  |
| E.1061.0.03000.100 | 30 | 1   | 8  | 64  |
| E.1061.0.03000.110 | 30 | 1.1 | 8  | 64  |
| E.1061.0.03000.120 | 30 | 1.2 | 8  | 48  |
| E.1061.0.03000.130 | 30 | 1.3 | 8  | 48  |
| E.1061.0.03000.140 | 30 | 1.4 | 8  | 48  |
| E.1061.0.03000.150 | 30 | 1.5 | 8  | 48  |
| E.1061.0.03000.160 | 30 | 1.6 | 8  | 48  |
| E.1061.0.03000.180 | 30 | 1.8 | 8  | 48  |
| E.1061.0.03000.190 | 30 | 1.9 | 8  | 48  |
| E.1061.0.03000.200 | 30 | 2   | 8  | 48  |
| E.1061.0.03000.220 | 30 | 2.2 | 8  | 48  |
| E.1061.0.03000.250 | 30 | 2.5 | 8  | 40  |
| E.1061.0.03000.300 | 30 | 3   | 8  | 40  |
| E.1061.0.03000.400 | 30 | 4   | 8  | 40  |
| E.1061.0.03000.500 | 30 | 5   | 8  | 32  |
| E.1061.0.04000.020 | 40 | 0.2 | 10 | 128 |
| E.1061.0.04000.040 | 40 | 0.4 | 10 | 100 |
| E.1061.0.04000.050 | 40 | 0.5 | 10 | 80  |
| E.1061.0.04000.060 | 40 | 0.6 | 10 | 80  |
| E.1061.0.04000.070 | 40 | 0.7 | 10 | 80  |
| E.1061.0.04000.080 | 40 | 0.8 | 10 | 80  |
| E.1061.0.04000.100 | 40 | 1   | 10 | 64  |
| E.1061.0.04000.120 | 40 | 1.2 | 10 | 64  |
| E.1061.0.04000.130 | 40 | 1.3 | 10 | 64  |
|                    |    |     |    |     |

|                    |    |      |    |     |
|--------------------|----|------|----|-----|
| E.1061.0.04000.150 | 40 | 1.5  | 10 | 64  |
| E.1061.0.04000.200 | 40 | 2    | 10 | 48  |
| E.1061.0.04000.250 | 40 | 2.5  | 10 | 48  |
| E.1061.0.04000.300 | 40 | 3    | 10 | 48  |
| E.1061.0.04000.400 | 40 | 4    | 10 | 40  |
| E.1061.0.04000.500 | 40 | 5    | 10 | 40  |
| E.1061.0.04000.600 | 40 | 6    | 10 | 40  |
| E.1061.0.05000.045 | 50 | 0.45 | 13 | 80  |
| E.1061.0.05000.050 | 50 | 0.5  | 13 | 100 |
| E.1061.0.05000.100 | 50 | 1    | 13 | 80  |
| E.1061.0.05000.110 | 50 | 1.1  | 13 | 80  |
| E.1061.0.05000.120 | 50 | 1.2  | 13 | 80  |
| E.1061.0.05000.130 | 50 | 1.3  | 13 | 64  |
| E.1061.0.05000.140 | 50 | 1.4  | 13 | 64  |
| E.1061.0.05000.150 | 50 | 1.5  | 13 | 64  |
| E.1061.0.05000.160 | 50 | 1.6  | 13 | 64  |
| E.1061.0.05000.170 | 50 | 1.7  | 13 | 64  |
| E.1061.0.05000.180 | 50 | 1.8  | 13 | 64  |
| E.1061.0.05000.190 | 50 | 1.9  | 13 | 64  |
| E.1061.0.05000.200 | 50 | 2    | 13 | 64  |
| E.1061.0.05000.250 | 50 | 2.5  | 13 | 64  |
| E.1061.0.05000.300 | 50 | 3    | 13 | 48  |
| E.1061.0.05000.350 | 50 | 3.5  | 13 | 48  |
| E.1061.0.05000.400 | 50 | 4    | 13 | 48  |
| E.1061.0.05000.450 | 50 | 4.5  | 13 | 48  |
| E.1061.0.05000.500 | 50 | 5    | 13 | 48  |
| E.1061.0.05000.550 | 50 | 5.5  | 13 | 40  |
| E.1061.0.05000.600 | 50 | 6    | 13 | 40  |
|                    |    |      |    |     |

|                    |    |      |    |     |
|--------------------|----|------|----|-----|
| E.1061.0.06300.020 | 63 | 0.2  | 16 | 160 |
| E.1061.0.06300.025 | 63 | 0.25 | 16 | 160 |
| E.1061.0.06300.030 | 63 | 0.3  | 16 | 128 |
| E.1061.0.06300.050 | 63 | 0.5  | 16 | 128 |
| E.1061.0.06300.060 | 63 | 0.6  | 16 | 100 |
| E.1061.0.06300.080 | 63 | 0.8  | 16 | 100 |
| E.1061.0.06300.100 | 63 | 1    | 16 | 100 |
| E.1061.0.06300.110 | 63 | 1.1  | 16 | 80  |
| E.1061.0.06300.120 | 63 | 1.2  | 16 | 80  |
| E.1061.0.06300.130 | 63 | 1.3  | 16 | 80  |
| E.1061.0.06300.140 | 63 | 1.4  | 16 | 80  |
| E.1061.0.06300.150 | 63 | 1.5  | 16 | 80  |
| E.1061.0.06300.160 | 63 | 1.6  | 16 | 80  |
| E.1061.0.06300.170 | 63 | 1.7  | 16 | 80  |
| E.1061.0.06300.180 | 63 | 1.8  | 16 | 80  |
| E.1061.0.06300.190 | 63 | 1.9  | 16 | 80  |
| E.1061.0.06300.200 | 63 | 2    | 16 | 80  |
| E.1061.0.06300.250 | 63 | 2.5  | 16 | 64  |
| E.1061.0.06300.300 | 63 | 3    | 16 | 64  |
| E.1061.0.06300.350 | 63 | 3.5  | 16 | 64  |
| E.1061.0.06300.400 | 63 | 4    | 16 | 64  |
| E.1061.0.06300.450 | 63 | 4.5  | 16 | 64  |
| E.1061.0.06300.500 | 63 | 5    | 16 | 48  |
| E.1061.0.08000.050 | 80 | 0.5  | 22 | 128 |
| E.1061.0.08000.080 | 80 | 0.8  | 22 | 128 |
| E.1061.0.08000.090 | 80 | 0.9  | 22 | 100 |
| E.1061.0.08000.100 | 80 | 1    | 22 | 100 |
| E.1061.0.08000.110 | 80 | 1.1  | 22 | 100 |
|                    |    |      |    |     |

|                    |     |     |    |     |
|--------------------|-----|-----|----|-----|
| E.1061.0.08000.120 | 80  | 1.2 | 22 | 100 |
| E.1061.0.08000.130 | 80  | 1.3 | 22 | 100 |
| E.1061.0.08000.140 | 80  | 1.4 | 22 | 100 |
| E.1061.0.08000.150 | 80  | 1.5 | 22 | 100 |
| E.1061.0.08000.160 | 80  | 1.6 | 22 | 100 |
| E.1061.0.08000.200 | 80  | 2   | 22 | 80  |
| E.1061.0.08000.250 | 80  | 2.5 | 22 | 80  |
| E.1061.0.08000.300 | 80  | 3   | 22 | 80  |
| E.1061.0.08000.400 | 80  | 4   | 22 | 64  |
| E.1061.0.08000.500 | 80  | 5   | 22 | 64  |
| E.1061.0.08000.550 | 80  | 5.5 | 22 | 64  |
| E.1061.0.08000.600 | 80  | 6   | 22 | 64  |
| E.1061.0.10000.050 | 100 | 0.5 | 22 | 160 |
| E.1061.0.10000.060 | 100 | 0.6 | 22 | 160 |
| E.1061.0.10000.070 | 100 | 0.7 | 22 | 128 |
| E.1061.0.10000.080 | 100 | 0.8 | 22 | 128 |
| E.1061.0.10000.090 | 100 | 0.9 | 22 | 128 |
| E.1061.0.10000.100 | 100 | 1   | 22 | 128 |
| E.1061.0.10000.110 | 100 | 1.1 | 22 | 128 |
| E.1061.0.10000.120 | 100 | 1.2 | 22 | 128 |
| E.1061.0.10000.130 | 100 | 1.3 | 22 | 100 |
| E.1061.0.10000.140 | 100 | 1.4 | 22 | 100 |
| E.1061.0.10000.150 | 100 | 1.5 | 22 | 100 |
| E.1061.0.10000.160 | 100 | 1.6 | 22 | 100 |
| E.1061.0.10000.200 | 100 | 2   | 22 | 100 |
| E.1061.0.10000.250 | 100 | 2.5 | 22 | 100 |
| E.1061.0.10000.300 | 100 | 3   | 22 | 80  |
| E.1061.0.10000.350 | 100 | 3.5 | 22 | 80  |
|                    |     |     |    |     |

|                    |     |     |    |     |
|--------------------|-----|-----|----|-----|
| E.1061.0.10000.400 | 100 | 4   | 22 | 80  |
| E.1061.0.10000.500 | 100 | 5   | 22 | 80  |
| E.1061.0.12500.060 | 125 | 0.6 | 22 | 160 |
| E.1061.0.12500.070 | 125 | 0.7 | 22 | 160 |
| E.1061.0.12500.100 | 125 | 1   | 22 | 160 |
| E.1061.0.12500.110 | 125 | 1.1 | 22 | 128 |
| E.1061.0.12500.130 | 125 | 1.3 | 22 | 128 |
| E.1061.0.12500.150 | 125 | 1.5 | 22 | 128 |
| E.1061.0.12500.200 | 125 | 2   | 22 | 128 |
| E.1061.0.12500.400 | 125 | 4   | 22 | 100 |
| E.1061.0.12500.500 | 125 | 5   | 22 | 80  |
| E.1061.0.12500.600 | 125 | 6   | 22 | 80  |
| E.1061.0.15000.100 | 150 | 1   | 32 | 150 |
| E.1061.0.15000.150 | 150 | 1.5 | 32 | 150 |
| E.1061.0.15000.200 | 150 | 2   | 32 | 128 |
| E.1061.0.16000.120 | 160 | 1.2 | 32 | 160 |
| E.1061.0.16000.200 | 160 | 2   | 32 | 128 |
| E.1061.0.20000.150 | 200 | 1.5 | 32 | 160 |
| E.1061.0.20000.250 | 200 | 2.5 | 32 | 160 |

## Verfügbarkeit prüfen unter

<https://www.nachreiner-werkzeuge.de/sortiment/saegen-hss-vhm/vhm/1300/vhm-kreissaegeblaetter-feinverzahnt>.





# NACHREINER

spanabhebende Werkzeuge

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