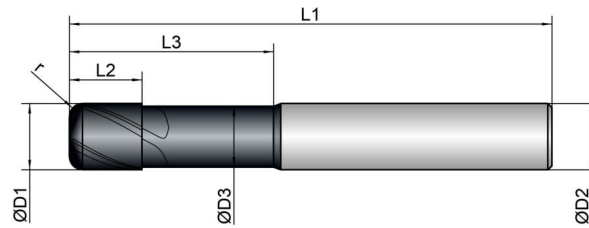


| | |
|--------------|-----------------|
| Kühlung | |
| Toleranz | e8 |
| Beschichtung | TiAlN- α |

HA HSC HPC


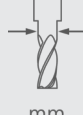









HA K202143



| Stahl | | | Gehärteter Stahl | | | | INOX (VA) | Guss | NE-Werkstoffe | | | | Inconel | Abrasive material | | Titan |
|------------|-------------|-------------|------------------|----------|----------|----------|-----------|------|---------------|--------|----|-------------|---------|-------------------|--------|-------|
| < 850 N/mm | < 1100 N/mm | < 1400 N/mm | < 55 HRC | < 60 HRC | < 67 HRC | < 70 HRC | | | Alu | Kupfer | Mg | Kunststoffe | | CFK / GFK | Grafit | |
| 110 | 80 | | | | | | 90 | 100 | | | | | | | | |

| K202143 | D1 mm ø | D3 mm ø | L2 mm | L3 mm | L1 mm | D2 mm ø | z # | r mm | ° |
|---------|-------------------|-------------------|--------------|--------------|--------------|-------------------|------------|-------------|-------|
| 1/0,1 | 1,0 | 0,85 | 1,5 | 10,0 | 50,0 | 3,0 | 4 | 0,10 | 30 |
| 1/0,2 | 1,0 | 0,85 | 1,5 | 10,0 | 50,0 | 3,0 | 4 | 0,20 | 30 |
| 2/0,2 | 2,0 | 1,8 | 2,5 | 12,0 | 50,0 | 3,0 | 4 | 0,20 | 30 |
| 2/0,3 | 2,0 | 1,8 | 2,5 | 12,0 | 50,0 | 3,0 | 4 | 0,30 | 30 |
| 2/0,5 | 2,0 | 1,8 | 2,5 | 12,0 | 50,0 | 3,0 | 4 | 0,50 | 30 |
| 3/0,3 | 3,0 | 2,7 | 4,0 | 14,0 | 50,0 | 3,0 | 4 | 0,30 | 30 |
| 3/0,5 | 3,0 | 2,7 | 4,0 | 14,0 | 50,0 | 3,0 | 4 | 0,50 | 30 |
| 3/1 | 3,0 | 2,7 | 4,0 | 14,0 | 50,0 | 3,0 | 4 | 1,00 | 30 |
| 4/0,4 | 4,0 | 3,7 | 5,0 | 16,0 | 50,0 | 4,0 | 4 | 0,40 | 30 |
| 4/0,5 | 4,0 | 3,7 | 5,0 | 16,0 | 50,0 | 4,0 | 4 | 0,50 | 30 |
| 4/1 | 4,0 | 3,7 | 5,0 | 16,0 | 50,0 | 4,0 | 4 | 1,00 | 30 |
| 5/0,5 | 5,0 | 4,6 | 6,0 | 18,0 | 54,0 | 5,0 | 4 | 0,50 | 30 |
| 5/1 | 5,0 | 4,6 | 6,0 | 18,0 | 54,0 | 5,0 | 4 | 1,00 | 30 |

| K202143 |  D1 mm ∅ |  D3 mm ∅ |  L2 mm |  L3 mm |  L1 mm |  D2 mm ∅ |  z # |  r mm |  ° |
|---------|--|--|---|---|---|---|---|--|--|
| 6/0,5 | 6,0 | 5,5 | 7,0 | 21,0 | 58,0 | 6,0 | 4 | 0,50 | 30 |
| 6/1 | 6,0 | 5,5 | 7,0 | 21,0 | 58,0 | 6,0 | 4 | 1,00 | 30 |
| 6/1,5 | 6,0 | 5,5 | 7,0 | 21,0 | 58,0 | 6,0 | 4 | 1,50 | 30 |
| 8/0,5 | 8,0 | 7,4 | 9,0 | 27,0 | 64,0 | 8,0 | 4 | 0,50 | 30 |
| 8/1 | 8,0 | 7,4 | 9,0 | 27,0 | 64,0 | 8,0 | 4 | 1,00 | 30 |
| 8/1,5 | 8,0 | 7,4 | 9,0 | 27,0 | 64,0 | 8,0 | 4 | 1,50 | 30 |
| 8/2 | 8,0 | 7,4 | 9,0 | 27,0 | 64,0 | 8,0 | 4 | 2,00 | 30 |
| 10/0,5 | 10,0 | 9,2 | 11,0 | 32,0 | 73,0 | 10,0 | 4 | 0,50 | 30 |
| 10/1 | 10,0 | 9,2 | 11,0 | 32,0 | 73,0 | 10,0 | 4 | 1,00 | 30 |
| 10/1,5 | 10,0 | 9,2 | 11,0 | 32,0 | 73,0 | 10,0 | 4 | 1,50 | 30 |
| 10/2 | 10,0 | 9,2 | 11,0 | 32,0 | 73,0 | 10,0 | 4 | 2,00 | 30 |
| 12/0,5 | 12,0 | 11,0 | 12,0 | 38,0 | 84,0 | 12,0 | 4 | 0,50 | 30 |
| 12/1 | 12,0 | 11,0 | 12,0 | 38,0 | 84,0 | 12,0 | 4 | 1,00 | 30 |
| 12/1,5 | 12,0 | 11,0 | 12,0 | 38,0 | 84,0 | 12,0 | 4 | 1,50 | 30 |
| 12/2 | 12,0 | 11,0 | 12,0 | 38,0 | 84,0 | 12,0 | 4 | 2,00 | 30 |
| 12/5 | 12,0 | 11,0 | 12,0 | 38,0 | 84,0 | 12,0 | 4 | 5,00 | 30 |
| 16/1 | 16,0 | 15,0 | 16,0 | 44,0 | 93,0 | 16,0 | 4 | 1,00 | 30 |
| 16/2 | 16,0 | 15,0 | 16,0 | 44,0 | 93,0 | 16,0 | 4 | 2,00 | 30 |
| 16/6 | 16,0 | 15,0 | 16,0 | 44,0 | 93,0 | 16,0 | 4 | 6,00 | 30 |
| 20/1 | 20,0 | 18,5 | 20,0 | 55,0 | 104,0 | 20,0 | 4 | 1,00 | 30 |
| 20/2,5 | 20,0 | 18,5 | 20,0 | 55,0 | 104,0 | 20,0 | 4 | 2,50 | 30 |