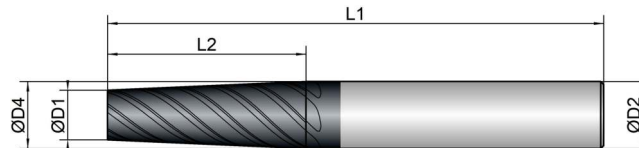


| | |
|-----------|-----------------|
| Cooling | |
| Tolerance | - |
| Coating | TiAlN- α |



HA K204013



| Steel | | | Hardened steel | | | | Stainless steel (VA) | Castings | Non-ferrous materials | | | | Inconel | Abrasive material | | Titanium |
|------------|-------------|-------------|----------------|----------|----------|----------|----------------------|----------|-----------------------|--------|----|----------|---------|-------------------|----------|----------|
| < 850 N/mm | < 1100 N/mm | < 1400 N/mm | < 55 HRC | < 60 HRC | < 67 HRC | < 70 HRC | | | Al | Copper | Mg | Plastics | | CFRP / GFRP | Graphite | |
| ● | ● | ● | | | | | ● | ● | ● | | | | | | | |

| K204013 | D1 mm ∅ | D4 mm ∅ | L2 mm | L1 mm | D2 mm ∅ | z # | ° |
|---------|-------------------|-------------------|--------------|--------------|-------------------|------------|-------|
| 2X10 | 2.0 | 3 | 10.0 | 50.0 | 3.0 | 4 | 30 |
| 2,5X10 | 2.5 | 3 | 10.0 | 50.0 | 3.0 | 4 | 30 |
| 2,5X20 | 2.5 | 4 | 20.0 | 60.0 | 4.0 | 4 | 30 |
| 3X20 | 3.0 | 4 | 20.0 | 60.0 | 4.0 | 4 | 30 |
| 4X20 | 4.0 | 5 | 20.0 | 60.0 | 5.0 | 4 | 30 |
| 5X30 | 5.0 | 6 | 30.0 | 75.0 | 6.0 | 6 | 45 |
| 6X30 | 6.0 | 8 | 30.0 | 75.0 | 8.0 | 6 | 45 |
| 8X30 | 8.0 | 10 | 30.0 | 80.0 | 10.0 | 6 | 45 |
| 10X30 | 10.0 | 12 | 30.0 | 85.0 | 12.0 | 6 | 45 |
| 12X30 | 12.0 | 14 | 30.0 | 85.0 | 14.0 | 6 | 45 |
| 12X50 | 12.0 | 14 | 50.0 | 110.0 | 14.0 | 6 | 45 |
| 16X60 | 16.0 | 18 | 60.0 | 120.0 | 18.0 | 6 | 45 |