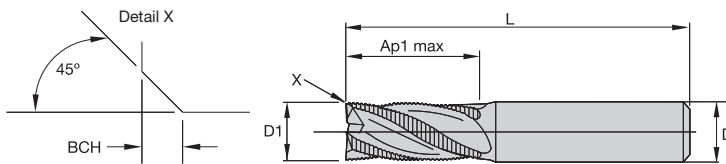


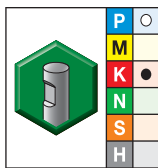
- Centre cutting.
- Flat shallow pitch.
- Standard items listed. Additional styles and coatings made-to-order.



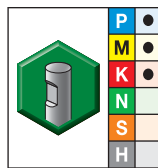
End Mill Tolerances

| D1 | tolerance h10 + / - | D | tolerance h6 + / - |
|---------|------------------------|---------|-----------------------|
| ≤ 3 | 0/-0,04 | ≤ 3 | 0/-0,006 |
| > 3-6 | 0/-0,048 | > 3-6 | 0/-0,008 |
| > 6-10 | 0/-0,058 | > 6-10 | 0/-0,009 |
| > 10-18 | 0/-0,070 | > 10-18 | 0/-0,011 |
| > 18-30 | 0/-0,084 | > 18-30 | 0/-0,013 |

■ Series 022813 422813



grade K30F
uncoated



grade K30F-DCF
TiAlN

- first choice
- alternate choice

| order # | catalogue # | order # | catalogue # | D1 | D | length of cut Ap1 max | length L | BCH |
|---------|---------------|---------|---------------|------|----|--------------------------|-------------|------|
| 2332360 | 022813-000060 | 2342043 | 422813-000060 | 6,0 | 6 | 10,00 | 57 | 0,10 |
| 2332361 | 022813-000080 | 2342045 | 422813-000080 | 8,0 | 8 | 16,00 | 63 | 0,20 |
| 2332362 | 022813-000100 | 2342047 | 422813-000100 | 10,0 | 10 | 19,00 | 72 | 0,30 |
| 2332363 | 022813-000120 | 2342049 | 422813-000120 | 12,0 | 12 | 22,00 | 83 | 0,30 |
| 2332364 | 022813-000160 | 2342051 | 422813-000160 | 16,0 | 16 | 26,00 | 92 | 0,40 |
| 2332365 | 022813-000200 | 2342053 | 422813-000200 | 20,0 | 20 | 32,00 | 104 | 0,40 |
| 2332366 | 022813-000250 | 2342055 | 422813-000250 | 25,0 | 25 | 45,00 | 121 | 0,40 |