

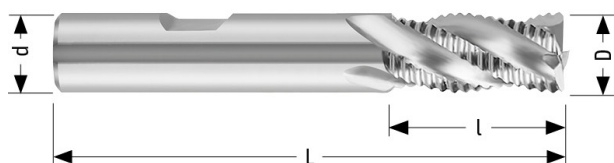
HSS SGR 011F Frese a Sgrossare in HSSCo8



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Product Sheet

# SGR | 011F

Roughing end mill, regular version



## Materials

Steel < 800 n/mm<sup>2</sup>



Steel < 1000 n/mm<sup>2</sup>



Grey cast iron



## Coatings

Balinit® Alcrona (NIG)

Uncoated (SIL)

32 Articoli | 2 Pages | This tool is available in 16 diameters and 2 coatings.

Please consider the environment, before printing this document.

| D<br>k12 | d     | L   | l     | 45°  | Z | Shank ref. | Coatings<br>(Balinit®) | Code      |
|----------|-------|-----|-------|------|---|------------|------------------------|-----------|
| 6,00     | 6,00  | 57  | 13,00 | 0,50 | 3 | FORMB      | Alcrona (NIG)          | NIG011F06 |
| 8,00     | 10,00 | 69  | 19,00 | 0,50 | 3 | FORMB      | Alcrona (NIG)          | NIG011F08 |
| 9,00     | 10,00 | 69  | 19,00 | 0,50 | 3 | FORMB      | Alcrona (NIG)          | NIG011F09 |
| 10,00    | 10,00 | 72  | 22,00 | 0,50 | 3 | FORMB      | Alcrona (NIG)          | NIG011F10 |
| 11,00    | 12,00 | 79  | 22,00 | 0,50 | 3 | FORMB      | Alcrona (NIG)          | NIG011F11 |
| 12,00    | 12,00 | 83  | 26,00 | 0,60 | 3 | FORMB      | Alcrona (NIG)          | NIG011F12 |
| 13,00    | 12,00 | 83  | 26,00 | 0,60 | 3 | FORMB      | Alcrona (NIG)          | NIG011F13 |
| 14,00    | 12,00 | 83  | 26,00 | 0,60 | 3 | FORMB      | Alcrona (NIG)          | NIG011F14 |
| 16,00    | 16,00 | 92  | 32,00 | 0,60 | 3 | FORMB      | Alcrona (NIG)          | NIG011F16 |
| 18,00    | 16,00 | 92  | 32,00 | 0,60 | 3 | FORMB      | Alcrona (NIG)          | NIG011F18 |
| 20,00    | 20,00 | 104 | 38,00 | 0,70 | 3 | FORMB      | Alcrona (NIG)          | NIG011F20 |
| 22,00    | 20,00 | 104 | 38,00 | 0,70 | 3 | FORMB      | Alcrona (NIG)          | NIG011F22 |
| 25,00    | 25,00 | 121 | 45,00 | 0,70 | 3 | FORMB      | Alcrona (NIG)          | NIG011F25 |
| 30,00    | 25,00 | 121 | 45,00 | 0,90 | 3 | FORMB      | Alcrona (NIG)          | NIG011F30 |
| 32,00    | 32,00 | 133 | 53,00 | 0,90 | 3 | FORMB      | Alcrona (NIG)          | NIG011F32 |
| 40,00    | 40,00 | 155 | 63,00 | 0,90 | 3 | FORMB      | Alcrona (NIG)          | NIG011F40 |
| 6,00     | 6,00  | 57  | 13,00 | 0,50 | 3 | FORMB      | Uncoated (SIL)         | SIL011F06 |
| 8,00     | 10,00 | 69  | 19,00 | 0,50 | 3 | FORMB      | Uncoated (SIL)         | SIL011F08 |
| 9,00     | 10,00 | 69  | 19,00 | 0,50 | 3 | FORMB      | Uncoated (SIL)         | SIL011F09 |
| 10,00    | 10,00 | 72  | 22,00 | 0,50 | 3 | FORMB      | Uncoated (SIL)         | SIL011F10 |
| 11,00    | 12,00 | 79  | 22,00 | 0,50 | 3 | FORMB      | Uncoated (SIL)         | SIL011F11 |
| 12,00    | 12,00 | 83  | 26,00 | 0,60 | 3 | FORMB      | Uncoated (SIL)         | SIL011F12 |
| 13,00    | 12,00 | 83  | 26,00 | 0,60 | 3 | FORMB      | Uncoated (SIL)         | SIL011F13 |
| 14,00    | 12,00 | 83  | 26,00 | 0,60 | 3 | FORMB      | Uncoated (SIL)         | SIL011F14 |
| 16,00    | 16,00 | 92  | 32,00 | 0,60 | 3 | FORMB      | Uncoated (SIL)         | SIL011F16 |
| 18,00    | 16,00 | 92  | 32,00 | 0,60 | 3 | FORMB      | Uncoated (SIL)         | SIL011F18 |
| 20,00    | 20,00 | 104 | 38,00 | 0,70 | 3 | FORMB      | Uncoated (SIL)         | SIL011F20 |
| 22,00    | 20,00 | 104 | 38,00 | 0,70 | 3 | FORMB      | Uncoated (SIL)         | SIL011F22 |
| 25,00    | 25,00 | 121 | 45,00 | 0,70 | 3 | FORMB      | Uncoated (SIL)         | SIL011F25 |
| 30,00    | 25,00 | 121 | 45,00 | 0,90 | 3 | FORMB      | Uncoated (SIL)         | SIL011F30 |
| 32,00    | 32,00 | 133 | 53,00 | 0,90 | 3 | FORMB      | Uncoated (SIL)         | SIL011F32 |
| 40,00    | 40,00 | 155 | 63,00 | 0,90 | 3 | FORMB      | Uncoated (SIL)         | SIL011F40 |