# Hulkstar (≤60 HRC)

## Roughing Endmills For Steel - Regular Series

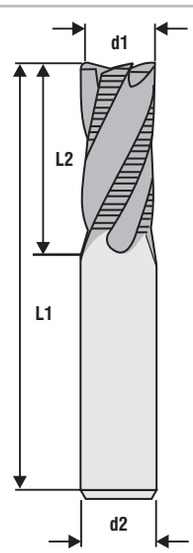
| Article No. | | Dimension (mm) | | | | |
|---|---|---|---|---|---|---|
| 4 Flutes *Coarse Pitch* | 3 Flutes *Coarse Pitch* | Ø d1 h10 | Ø d2 h6 | L2 | L1 | AT-coated |
| RC-SEM 4060 | RC-SEM 3060 | 6 | 6 | 16 | 50 | ■ |
| RC-SEM 4080 | RC-SEM 3080 | 8 | 8 | 20 | 60 | ■ |
| RC-SEM 4100 | RC-SEM 3100 | 10 | 10 | 25 | 75 | ■ |
| RC-SEM 4120 | RC-SEM 3120 | 12 | 12 | 30 | 75 | ■ |
| RC-SEM 4160 | RC-SEM 3160 | 16 | 16 | 40 | 100 | ■ |
| RC-SEM 4200 | RC-SEM 3200 | 20 | 20 | 45 | 100 | ■ |

| Article No. | | Dimension (mm) | | | | |
|---|---|---|---|---|---|---|
| 4 Flutes *Fine Pitch* | 3 Flutes *Fine Pitch* | Ø d1 h10 | Ø d2 h6 | L2 | L1 | AT-coated |
| RF-SEM 4060 | RF-SEM 3060 | 6 | 6 | 16 | 50 | ■ |
| RF-SEM 4080 | RF-SEM 3080 | 8 | 8 | 20 | 60 | ■ |
| RF-SEM 4100 | RF-SEM 3100 | 10 | 10 | 25 | 75 | ■ |
| RF-SEM 4120 | RF-SEM 3120 | 12 | 12 | 30 | 75 | ■ |
| RF-SEM 4160 | RF-SEM 3160 | 16 | 16 | 40 | 100 | ■ |
| RF-SEM 4200 | RF-SEM 3200 | 20 | 20 | 45 | 100 | ■ |

| | | |
|---|---|---|
| Steel | $R_m$<850 | ■ |
| | $R_m$850-1300 | ■ |
| | $R_m$1300-1500 | ■ |
| M | Stainless Steel | □ |
| K | Cast Iron | ■ |
| N | Copper | □ |
| S | Titanium | ■ |
| Hardened Steel | HRC 48-55 | ■ |
| | HRC 56-60 | ■ |
| | HRC>65 | |

COARSE PITCH | FINE PITCH | AT COATING

λ 45° | SMG 0.4µm




**Tolerance**

| Diameter | Range |
|---|---|
| 6≤d<18 | 0 / -0.03 |
| 20≤d | 0 / -0.04 |

■ Available ex stock / subject to prior sale
**SMG** - Super-Fine Micron Grade