

HM

HRC

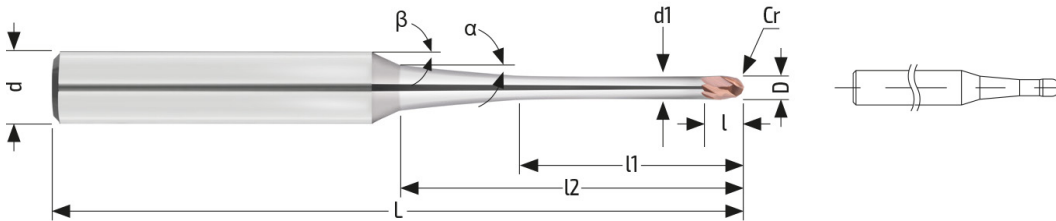
04220

Frese per stampi

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Product Sheet

# F04220H00300084

2 flute ball nose end mill for ribbing with tapered neck and reinforced shank

Silmax  
NORM $\lambda 30^\circ$ 

## Details

Diameter of cutting edge D +0/-0,02	3,00
Corner Radius/Radius Cr/r	1,50
Cutting length l	2,50
Neck Relief Length l1	15,0
Neck diameter d1	2,90
Tapered neck length l2	35,0
Neck Angle $\alpha$	0,4
Engaged Angle $\beta$	12,0
Overall Length L	108
Shank Diameter d h5	6,00
$\varepsilon 0,5^\circ$	
$\varepsilon 0,5^\circ$	35,99
$\varepsilon 1,0^\circ$	
$\varepsilon 1,0^\circ$	37,53
$\varepsilon 2,0^\circ$	
$\varepsilon 2,0^\circ$	41,08
Number of Flutes Z	2

## Materials

Steel < 800 n/mm <sup>2</sup>	
Steel < 1000 n/mm <sup>2</sup>	
Steel < 1300 n/mm <sup>2</sup>	
Hardened steel 42 ÷ 52 HRC	
Hardened steel 52 to 62 HRC	

## Coatings

Balinit® Tisaflex (HMH)


## Alternative Coatings

## Series normal



Shank references standard  
Rif. gambo HA

This tool is available in 6 diameters.

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