

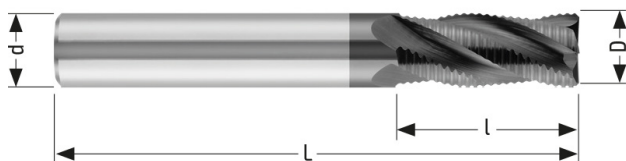
HM UNV 013F Frese universali



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Product Sheet

HM0013F12

4 flute roughing end mill with chip breaker, regular version



Details

Diameter of cutting edge	
D h11	12,00
Shank Diameter	
d h6	12,00
Overall Length	
L	83
Cutting length	
l	26,00
Chamfering	
45° ±0,3	0,60
Number of Flutes	
Z	4
Shank references standard	
Shank ref.	HA

Materials

Steel < 800 n/mm ²	
Steel < 1000 n/mm ²	
Grey cast iron	

Coatings

Uncoated (HM0)

Alternative Coatings

Balinit® Futura (HMF)

Balinit® Alcrona (HMG)

Series normal



This tool is available in 17 diameters and 3 coatings.

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