

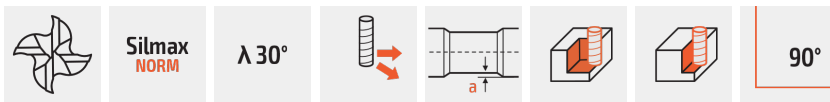
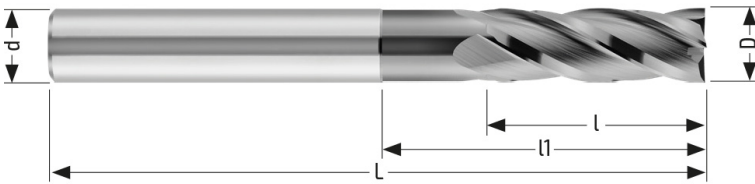
HM UNV 123 Frese universali



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# UNV | 123

4 flute end mill medium version



Materials	Coatings	Series medium
Steel < 800 n/mm <sup>2</sup>	Uncoated (HM0)	
Steel < 1000 n/mm <sup>2</sup>	Balinit® Futura (HMF)	
Grey cast iron	Balinit® Alcrona (HMG)	
		Alternative Series
		109 (short)

27 Articoli | 2 Pages | This tool is available in 9 diameters and 3 coatings.

Please consider the environment, before printing this document.

D h10	d h6	L	l	l1	a	Z	Shank ref.	Coatings (Balinit®)	Code
3,00	3,00	62	14,00	—	—	4	HA	Uncoated (HM0)	HM0123030
4,00	4,00	62	16,00	—	—	4	HA	Uncoated (HM0)	HM0123040
5,00	5,00	62	20,00	—	—	4	HA	Uncoated (HM0)	HM0123050
6,00	6,00	78	20,00	30,0	0,15	4	HA	Uncoated (HM0)	HM0123060
8,00	8,00	78	25,00	35,0	0,15	4	HA	Uncoated (HM0)	HM0123080
10,00	10,00	105	28,00	48,0	0,15	4	HA	Uncoated (HM0)	HM0123100
12,00	12,00	105	32,00	52,0	0,20	4	HA	Uncoated (HM0)	HM0123120
14,00	14,00	105	32,00	52,0	0,20	4	HA	Uncoated (HM0)	HM0123140
16,00	16,00	130	40,00	60,0	0,20	4	HA	Uncoated (HM0)	HM0123160
3,00	3,00	62	14,00	—	—	4	HA	Futura (HMF)	HMF123030
4,00	4,00	62	16,00	—	—	4	HA	Futura (HMF)	HMF123040
5,00	5,00	62	20,00	—	—	4	HA	Futura (HMF)	HMF123050
6,00	6,00	78	20,00	30,0	0,15	4	HA	Futura (HMF)	HMF123060
8,00	8,00	78	25,00	35,0	0,15	4	HA	Futura (HMF)	HMF123080
10,00	10,00	105	28,00	48,0	0,15	4	HA	Futura (HMF)	HMF123100
12,00	12,00	105	32,00	52,0	0,20	4	HA	Futura (HMF)	HMF123120
14,00	14,00	105	32,00	52,0	0,20	4	HA	Futura (HMF)	HMF123140
16,00	16,00	130	40,00	60,0	0,20	4	HA	Futura (HMF)	HMF123160
3,00	3,00	62	14,00	—	—	4	HA	Alcrona (HMG)	HMG123030
4,00	4,00	62	16,00	—	—	4	HA	Alcrona (HMG)	HMG123040
5,00	5,00	62	20,00	—	—	4	HA	Alcrona (HMG)	HMG123050
6,00	6,00	78	20,00	30,0	0,15	4	HA	Alcrona (HMG)	HMG123060
8,00	8,00	78	25,00	35,0	0,15	4	HA	Alcrona (HMG)	HMG123080
10,00	10,00	105	28,00	48,0	0,15	4	HA	Alcrona (HMG)	HMG123100
12,00	12,00	105	32,00	52,0	0,20	4	HA	Alcrona (HMG)	HMG123120
14,00	14,00	105	32,00	52,0	0,20	4	HA	Alcrona (HMG)	HMG123140
16,00	16,00	130	40,00	60,0	0,20	4	HA	Alcrona (HMG)	HMG123160