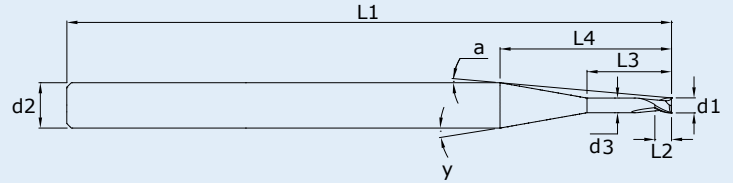


Solid carbide end mills - Midi Long
VHM - Schaftfräser - Midi Lang
Fraises en bout carbure - Midi Longue
Karbür Freze - Midi Uzun



F	E	0100	G	2	D	80	A	00	N	020
END MILL	MG-10 MG-08		DIN 6528							
TYPE	QUALITY	DIAMETER	NORM	FLUTES	SHAFT TYPE	FULL LENGTH	HELICAL	CHAMFER	COATED	FLUTE LENGTH

d1(±0.003/0.005)	L2	L3	L4	d3	L1	d2(h6)	Z	y°	a°	<52 HRC	Price (Euro)	52 - 68 HRC	Price (Euro)
0.2	0.3	0.4	24.20	0.19	80	6	2	7.00°	6.83°	FE0020G2D80A00N004		FH0020G2D80A00N004	
0.2	0.3	0.8	24.60	0.19	80	6	2	7.00°	6.72°	FE0020G2D80A00N008		FH0020G2D80A00N008	
0.2	0.3	1.2	17.75	0.19	80	6	2	10.00°	9.27°	FE0020G2D80A00N012		FH0020G2D80A00N012	
0.3	0.5	0.6	23.97	0.29	80	6	2	7.00°	6.78°	FE0030G2D80A00N006		FH0030G2D80A00N006	
0.3	0.5	1.2	17.52	0.29	80	6	2	10.00°	9.24°	FE0030G2D80A00N012		FH0030G2D80A00N012	
0.3	0.5	2.4	18.72	0.29	80	6	2	10.00°	8.65°	FE0030G2D80A00N024		FH0030G2D80A00N024	
0.4	0.6	0.8	23.80	0.38	80	6	2	7.00°	6.70°	FE0040G2D80A00N008		FH0040G2D80A00N008	
0.4	0.6	1.6	17.68	0.38	80	6	2	10.00°	8.99°	FE0040G2D80A00N016		FH0040G2D80A00N016	
0.4	0.6	3.2	19.28	0.38	80	6	2	10.00°	8.26°	FE0040G2D80A00N032		FH0040G2D80A00N032	
0.5	0.8	1.0	23.65	0.48	80	6	2	7.00°	6.63°	FE0050G2D80A00N010		FH0050G2D80A00N010	
0.5	0.8	2.0	17.85	0.48	80	6	2	10.00°	8.75°	FE0050G2D80A00N020		FH0050G2D80A00N020	
0.5	0.8	4.0	19.85	0.48	80	6	2	10.00°	7.88°	FE0050G2D80A00N040		FH0050G2D80A00N040	
0.6	0.9	1.2	23.49	0.57	80	6	2	7.00°	6.55°	FE0060G2D80A00N012		FH0060G2D80A00N012	
0.6	0.9	2.0	17.62	0.57	80	6	2	10.00°	8.71°	FE0060G2D80A00N020		FH0060G2D80A00N020	
0.6	0.9	4.0	19.62	0.57	80	6	2	10.00°	7.83°	FE0060G2D80A00N040		FH0060G2D80A00N040	
0.7	1.1	1.4	23.34	0.67	80	6	2	7.00°	6.47°	FE0070G2D80A00N014		FH0070G2D80A00N014	
0.7	1.1	2.5	17.95	0.67	80	6	2	10.00°	8.39°	FE0070G2D80A00N025		FH0070G2D80A00N025	
0.8	1.2	1.6	16.75	0.76	80	6	2	10.00°	8.82°	FE0080G2D80A00N016		FH0080G2D80A00N016	
0.8	1.2	3.0	18.15	0.76	80	6	2	10.00°	8.15°	FE0080G2D80A00N030		FH0080G2D80A00N030	
0.8	1.2	6.0	21.15	0.76	80	6	2	10.00°	7.00°	FE0080G2D80A00N060		FH0080G2D80A00N060	
1.0	1.5	2.0	16.70	0.95	80	6	2	10.00°	8.51°	FE0100G2D80A00N020		FH0100G2D80A00N020	
1.0	1.5	4.0	18.70	0.95	80	6	2	10.00°	7.61°	FE0100G2D80A00N040		FH0100G2D80A00N040	
1.0	1.5	8.0	22.70	0.95	80	6	2	10.00°	6.28°	FE0100G2D80A00N080		FH0100G2D80A00N080	
1.0	1.5	12.0	26.70	0.95	80	6	2	10.00°	5.34°	FE0100G2D80A00N120		FH0100G2D80A00N120	
1.0	1.5	16.0	30.70	0.95	80	6	2	10.00°	4.65°	FE0100G2D80A00N160		FH0100G2D80A00N160	
1.0	1.5	20.0	34.70	0.95	80	6	2	10.00°	4.12°	FE0100G2D80A00N200		FH0100G2D80A00N200	
1.2	1.8	2.0	16.22	1.14	80	6	2	10.00°	8.41°	FE0120G2D80A00N020		FH0120G2D80A00N020	
1.2	1.8	4.0	18.22	1.14	80	6	2	10.00°	7.81°	FE0120G2D80A00N040		FH0120G2D80A00N040	
1.5	2.3	4.0	17.52	1.43	80	6	2	10.00°	5.96°	FE0150G2D80A00N040		FH0150G2D80A00N040	
1.5	2.3	8.0	21.52	1.43	80	6	2	10.00°	5.03°	FE0150G2D80A00N080		FH0150G2D80A00N080	
1.5	2.3	12.0	25.52	1.43	80	6	2	10.00°	4.35°	FE0150G2D80A00N120		FH0150G2D80A00N120	
2.0	3.0	4.0	16.35	1.90	80	6	4	10.00°	6.97°	FE0200G4D80A00N040		FH0200G4D80A00N040	
2.0	3.0	8.0	20.35	1.90	80	6	4	10.00°	5.61°	FE0200G4D80A00N080		FH0200G4D80A00N080	
2.0	3.0	12.0	24.35	1.90	80	6	4	10.00°	4.69°	FE0200G4D80A00N120		FH0200G4D80A00N120	
2.0	3.0	16.0	28.35	1.90	80	6	4	10.00°	4.03°	FE0200G4D80A00N160		FH0200G4D80A00N160	
2.0	3.0	20.0	32.35	1.90	80	6	4	10.00°	3.53°	FE0200G4D80A00N200		FH0200G4D80A00N200	
2.5	3.8	5.0	16.18	2.38	80	6	4	10.00°	6.17°	FE0250G4D80A00N050		FH0250G4D80A00N050	
2.5	3.8	8.0	19.18	2.38	80	6	4	10.00°	5.21°	FE0250G4D80A00N080		FH0250G4D80A00N080	
2.5	3.8	12.0	23.18	2.38	80	6	4	10.00°	4.31°	FE0250G4D80A00N120		FH0250G4D80A00N120	
3.0	4.5	6.0	16.01	2.85	80	6	4	10.00°	5.35°	FE0300G4D80A00N060		FH0300G4D80A00N060	
3.0	4.5	8.0	18.01	2.85	80	6	4	10.00°	4.76°	FE0300G4D80A00N080		FH0300G4D80A00N080	
3.0	4.5	12.0	22.01	2.85	80	6	4	10.00°	3.89°	FE0300G4D80A00N120		FH0300G4D80A00N120	
3.0	4.5	16.0	26.01	2.85	80	6	4	10.00°	3.30°	FE0300G4D80A00N160		FH0300G4D80A00N160	
3.0	4.5	20.0	30.01	2.85	80	6	4	10.00°	2.86°	FE0300G4D80A00N200		FH0300G4D80A00N200	
3.5	5.3	6.0	14.83	3.33	80	6	4	10.00°	4.81°	FE0350G4D80A00N060		FH0350G4D80A00N060	
4.0	6.0	6.0	13.68	3.80	80	6	4	10.00°	4.18°	FE0400G4D80A00N060		FH0400G4D80A00N060	
4.0	6.0	8.0	15.68	3.80	80	6	4	10.00°	3.64°	FE0400G4D80A00N080		FH0400G4D80A00N080	
4.0	6.0	12.0	19.68	3.80	80	6	4	10.00°	2.90°	FE0400G4D80A00N120		FH0400G4D80A00N120	
4.0	6.0	16.0	23.68	3.80	80	6	4	10.00°	2.41°	FE0400G4D80A00N160		FH0400G4D80A00N160	
4.5	6.8	7.0	13.51	4.28	80	6	4	10.00°	3.17°	FE0450G4D80A00N070		FH0450G4D80A00N070	
4.5	6.8	12.0	18.51	4.28	80	6	4	10.00°	2.32°	FE0450G4D80A00N120		FH0450G4D80A00N120	
5.0	7.5	8.0	13.34	4.75	80	6	4	10.00°	2.14°	FE0500G4D80A00N080		FH0500G4D80A00N080	
5.0	7.5	12.0	17.34	4.75	80	6	4	10.00°	1.65°	FE0500G4D80A00N120		FH0500G4D80A00N120	
5.0	7.5	16.0	21.34	4.75	80	6	4	10.00°	1.34°	FE0500G4D80A00N160		FH0500G4D80A00N160	
5.0	7.5	20.0	25.34	4.75	80	6	4	10.00°	1.13°	FE0500G4D80A00N200		FH0500G4D80A00N200	

d1	ap	ae	fz	n	Vf	fz	n	Vf	fz	n	Vf	fz	n	Vf	fz	n	Vf	fz	n	Vf
0.5	0.05	0.05	0.009	60000	1080	0.011	51200	1126	0.011	38400	845	0.007	60000	840	0.016	60000	1920	0.010	60000	1200
1.0	0.10	0.10	0.016	38400	1229	0.023	25600	1178	0.021	19200	806	0.013	60000	1560	0.016	60000	1920	0.013	60000	1560
2.0	0.20	0.20	0.031	19200	2381	0.035	12800	2406	0.042	9600	1613	0.025	32000	3200	0.016	60000	3840	0.022	36800	3238
3.0	0.30	0.30	0.047	12800	2406	0.047	8500	2414	0.064	6400	1638	0.037	21300	3152	0.016	60000	3136	0.034	24500	3332
4.0	0.40	0.40	0.065	9600	2496	0.059	6400	2432	0.087	4800	1670	0.049	16000	3136	0.016	58800	2355	0.046	18400	3386
5.0	0.50	0.50	0.085	7600	2584	0.071	5100	2428	0.111	3800	1687	0.061	12800	3123	0.016	49000	1882	0.060	14700	3528