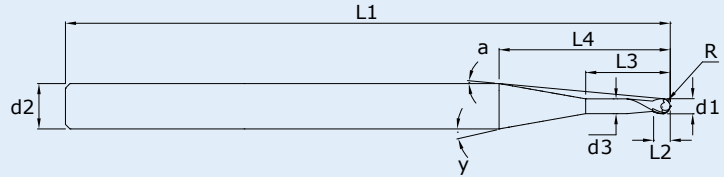


Solid carbide ball nose end mills - Midi Long
VHM - Radiusfräser - Midi Lang
Fraises arayon carbure - Midi Longue
Karbür Küre Freze - Midi Uzun



F	E	0100	R	2	D	80	A	50	N	020
END MILL	MG-10 MG-08		DIN 6928							
TYPE	QUALITY	DIAMETER	NORM	FLUTES	SHAFT TYPE	FULL LENGTH	HELICAL	RADIUS	COATED	FLUTE LENGTH

d1 (±0.003/0.006)	L2	L3	L4	d3	L1	d2(h6)	Z	y°	a°	R	<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°	0.10	FE0020R2D80A10N004		FH0020R2D80A10N004	
0.2	0.3	0.8	24.60	0.19	80	6	2	7.00°	6.72°	0.10	FE0020R2D80A10N008		FH0020R2D80A10N008	
0.2	0.3	1.2	17.75	0.19	80	6	2	10.00°	9.27°	0.10	FE0020R2D80A10N012		FH0020R2D80A10N012	
0.3	0.5	0.6	23.97	0.29	80	6	2	7.00°	6.78°	0.15	FE0030R2D80A15N006		FH0030R2D80A15N006	
0.3	0.5	1.2	17.52	0.29	80	6	2	10.00°	9.24°	0.15	FE0030R2D80A15N012		FH0030R2D80A15N012	
0.3	0.5	2.4	18.72	0.29	80	6	2	10.00°	8.65°	0.15	FE0030R2D80A15N024		FH0030R2D80A15N024	
0.4	0.6	0.8	23.80	0.38	80	6	2	7.00°	6.70°	0.20	FE0040R2D80A20N008		FH0040R2D80A20N008	
0.4	0.6	1.6	17.68	0.38	80	6	2	10.00°	8.99°	0.20	FE0040R2D80A20N016		FH0040R2D80A20N016	
0.4	0.6	3.2	19.28	0.38	80	6	2	10.00°	8.26°	0.20	FE0040R2D80A20N032		FH0040R2D80A20N032	
0.5	0.8	1.0	23.65	0.48	80	6	2	7.00°	6.63°	0.25	FE0050R2D80A25N010		FH0050R2D80A25N010	
0.5	0.8	2.0	17.85	0.48	80	6	2	10.00°	8.75°	0.25	FE0050R2D80A25N020		FH0050R2D80A25N020	
0.5	0.8	4.0	19.85	0.48	80	6	2	10.00°	7.88°	0.25	FE0050R2D80A25N040		FH0050R2D80A25N040	
0.6	0.9	1.2	23.49	0.57	80	6	2	7.00°	6.55°	0.30	FE0060R2D80A30N012		FH0060R2D80A30N012	
0.6	0.9	2.0	17.62	0.57	80	6	2	10.00°	8.71°	0.30	FE0060R2D80A30N020		FH0060R2D80A30N020	
0.6	0.9	4.0	19.62	0.57	80	6	2	10.00°	7.83°	0.30	FE0060R2D80A30N040		FH0060R2D80A30N040	
0.7	1.1	1.4	23.34	0.67	80	6	2	7.00°	6.47°	0.35	FE0070R2D80A35N014		FH0070R2D80A35N014	
0.7	1.1	2.5	17.95	0.67	80	6	2	10.00°	8.39°	0.35	FE0070R2D80A35N025		FH0070R2D80A35N025	
0.8	1.2	1.6	16.75	0.76	80	6	2	10.00°	8.82°	0.40	FE0080R2D80A40N016		FH0080R2D80A40N016	
0.8	1.2	3.0	18.15	0.76	80	6	2	10.00°	8.15°	0.40	FE0080R2D80A40N030		FH0080R2D80A40N030	
0.8	1.2	6.0	21.15	0.76	80	6	2	10.00°	7.00°	0.40	FE0080R2D80A40N060		FH0080R2D80A40N060	
1.0	1.5	2.0	16.70	0.95	80	6	2	10.00°	8.51°	0.50	FE0100R2D80A50N020		FH0100R2D80A50N020	
1.0	1.5	4.0	18.70	0.95	80	6	2	10.00°	7.61°	0.50	FE0100R2D80A50N040		FH0100R2D80A50N040	
1.0	1.5	8.0	22.70	0.95	80	6	2	10.00°	6.28°	0.50	FE0100R2D80A50N080		FH0100R2D80A50N080	
1.0	1.5	12.0	26.70	0.95	80	6	2	10.00°	5.34°	0.50	FE0100R2D80A50N120		FH0100R2D80A50N120	
1.0	1.5	16.0	30.70	0.95	80	6	2	10.00°	4.65°	0.50	FE0100R2D80A50N160		FH0100R2D80A50N160	
1.0	1.5	20.0	34.70	0.95	80	6	2	10.00°	4.12°	0.50	FE0100R2D80A50N200		FH0100R2D80A50N200	
1.2	1.8	2.0	16.22	1.14	80	6	2	10.00°	8.41°	0.60	FE0120R2D80A60N020		FH0120R2D80A60N020	
1.2	1.8	4.0	18.22	1.14	80	6	2	10.00°	7.81°	0.60	FE0120R2D80A60N040		FH0120R2D80A60N040	
1.5	2.3	4.0	17.52	1.43	80	6	2	10.00°	5.96°	0.75	FE0150R2D80A75N040		FH0150R2D80A75N040	
1.5	2.3	8.0	21.52	1.43	80	6	2	10.00°	5.03°	0.75	FE0150R2D80A75N080		FH0150R2D80A75N080	
1.5	2.3	12.0	25.52	1.43	80	6	2	10.00°	4.35°	0.75	FE0150R2D80A75N120		FH0150R2D80A75N120	
2.0	3.0	4.0	16.35	1.90	80	6	2	10.00°	6.97°	1.00	FE0200R2D80A10N040		FH0200R2D80A10N040	
2.0	3.0	8.0	20.35	1.90	80	6	2	10.00°	5.61°	1.00	FE0200R2D80A10N080		FH0200R2D80A10N080	
2.0	3.0	12.0	24.35	1.90	80	6	2	10.00°	4.69°	1.00	FE0200R2D80A10N120		FH0200R2D80A10N120	
2.0	3.0	16.0	28.35	1.90	80	6	2	10.00°	4.03°	1.00	FE0200R2D80A10N160		FH0200R2D80A10N160	
2.0	3.0	20.0	32.35	1.90	80	6	2	10.00°	3.53°	1.00	FE0200R2D80A10N200		FH0200R2D80A10N200	
2.5	3.8	5.0	16.18	2.38	80	6	2	10.00°	6.17°	1.25	FE0250R2D80A13N050		FH0250R2D80A13N050	
2.5	3.8	8.0	19.18	2.38	80	6	2	10.00°	5.21°	1.25	FE0250R2D80A13N080		FH0250R2D80A13N080	
2.5	3.8	12.0	23.18	2.38	80	6	2	10.00°	4.31°	1.25	FE0250R2D80A13N120		FH0250R2D80A13N120	
3.0	4.5	6.0	16.01	2.90	80	6	2	10.00°	5.35°	1.50	FE0300R2D80A15N060		FH0300R2D80A15N060	
3.0	4.5	8.0	18.01	2.90	80	6	2	10.00°	4.76°	1.50	FE0300R2D80A15N080		FH0300R2D80A15N080	
3.0	4.5	12.0	22.01	2.90	80	6	2	10.00°	3.89°	1.50	FE0300R2D80A15N120		FH0300R2D80A15N120	
3.0	4.5	16.0	26.01	2.90	80	6	2	10.00°	3.30°	1.50	FE0300R2D80A15N160		FH0300R2D80A15N160	
3.0	4.5	20.0	30.01	2.90	80	6	2	10.00°	2.86°	1.50	FE0300R2D80A15N200		FH0300R2D80A15N200	
3.5	5.3	6.00	14.83	3.33	80	6	2	10.00°	4.81°	1.75	FE0350R2D80A18N060		FH0350R2D80A18N060	
4.0	6.0	6.00	13.68	3.80	80	6	2	10.00°	4.18°	2.00	FE0400R2D80A20N060		FH0400R2D80A20N060	
4.0	6.0	8.00	15.68	3.80	80	6	2	10.00°	3.64°	2.00	FE0400R2D80A20N080		FH0400R2D80A20N080	
4.0	6.0	12.00	19.68	3.80	80	6	2	10.00°	2.90°	2.00	FE0400R2D80A20N120		FH0400R2D80A20N120	
4.0	6.0	16.00	23.68	3.80	80	6	2	10.00°	2.41°	2.00	FE0400R2D80A20N160		FH0400R2D80A20N160	
4.5	6.8	7.00	13.51	4.28	80	6	2	10.00°	3.17°	2.25	FE0450R2D80A23N070		FH0450R2D80A23N070	
4.5	6.8	12.00	18.51	4.28	80	6	2	10.00°	2.32°	2.25	FE0450R2D80A23N120		FH0450R2D80A23N120	
5.0	7.5	8.00	13.34	4.75	80	6	2	10.00°	2.14°	2.50	FE0500R2D80A25N080		FH0500R2D80A25N080	
5.0	7.5	12.00	17.34	4.75	80	6	2	10.00°	1.65°	2.50	FE0500R2D80A25N120		FH0500R2D80A25N120	
5.0	7.5	16.00	21.34	4.75	80	6	2	10.00°	1.34°	2.50	FE0500R2D80A25N160		FH0500R2D80A25N160	
5.0	7.5	20.00	25.34	4.75	80	6	2	10.00°	1.13°	2.50	FE0500R2D80A25N200		FH0500R2D80A25N200	

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