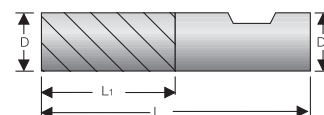


## SARA® Basic Line end milling cutter



- 3 cutting edges, short, 30° right-hand cutting
- Eccentric relief grinding
- Cutting material: superfine rain solid carbide



material	● very well suited	steel			stainless steel			cast iron		titanium alloys	superalloys Fe/NiCo-based		aluminium		copper	graphite	hardened steel			
	○ well suited	< 700 N/mm²	< 1000 N/mm²	< 1400 N/mm²	ferrit./martens.	austenitic	duplex	GG/GTS	GGG		< 30 HRc	≥ 30 HRc	< 8 % Si	≥ 8 % Si	Cu alloy	GRP/CFP/thermo.	< 55 HRc	< 60 HRc	≥ 60 HRc	
		●	●	●	●	●		●	●		○	○	●	●	●					
		110	90	70	80	60		180	100		80	60	270	190	150					

Cutting speed Vc m/min. Please adjust these guidelines according to clamping operation and machine set-up.

D mm	L1 mm	L mm	D1 mm	Z	Feed fz steel < 1000 N/mm² mm/tooth	Feed fz steel < 1000 N/mm² mm/tooth	art.no.	€
3.0	6	50	6.0	3	0.012	0.016	251056 0030	12,25
4.0	8	50	6.0	3	0.019	0.026	251056 0040	12,25
5.0	8	50	6.0	3	0.019	0.026	251056 0050	12,25
6.0	16	50	6.0	3	0.024	0.032	251056 0060	12,25
8.0	20	60	8.0	3	0.033	0.044	251056 0080	15,40
10.0	22	70	10.0	3	0.044	0.060	251056 0100	23,-
12.0	22	70	12.0	3	0.044	0.060	251056 0120	32,60
16.0	25	75	16.0	3	0.059	0.080	251056 0160	54,40
20.0	32	100	20.0	3	0.074	0.100	251056 0200	92,60



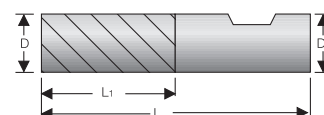
Staggered prices in online shop

2148

## SARA® Basic Line end milling cutter



- 3 cutting edges, long, 45° right-hand cutting
- Eccentric relief grinding
- Cutting material: superfine rain solid carbide



material	● very well suited	steel			stainless steel			cast iron		titanium alloys	superalloys Fe/NiCo-based		aluminium		copper	graphite	hardened steel			
	○ well suited	< 700 N/mm²	< 1000 N/mm²	< 1400 N/mm²	ferrit./martens.	austenitic	duplex	GG/GTS	GGG		< 30 HRc	≥ 30 HRc	< 8 % Si	≥ 8 % Si	Cu alloy	GRP/CFP/thermo.	< 55 HRc	< 60 HRc	≥ 60 HRc	
		●	●	●	●	●		●	●		○	○	●	●	●					
		110	90	70	80	60		180	100		80	60	270	190	150					

Cutting speed Vc m/min. Please adjust these guidelines according to clamping operation and machine set-up.

D mm	L1 mm	L mm	D1 mm	Z	Feed fz steel < 1000 N/mm² mm/tooth	Feed fz steel < 1000 N/mm² mm/tooth	art.no.	€
3.0	7	57	6.0	3	0.012	0.016	251047 0030	13,05
3.5	7	57	6.0	3	0.012	0.016	251047 0035	14,-
4.0	8	57	6.0	3	0.019	0.026	251047 0040	13,05
4.5	8	57	6.0	3	0.019	0.026	251047 0045	14,-
5.0	10	57	6.0	3	0.019	0.026	251047 0050	13,05
6.0	10	57	6.0	3	0.024	0.032	251047 0060	13,05
8.0	16	63	8.0	3	0.033	0.044	251047 0080	18,65
10.0	19	72	10.0	3	0.044	0.060	251047 0100	26,-
12.0	22	83	12.0	3	0.044	0.060	251047 0120	36,80
14.0	22	83	14.0	3	0.052	0.070	251047 0140	54,30
16.0	26	92	16.0	3	0.059	0.080	251047 0160	65,90
20.0	32	104	20.0	3	0.074	0.10	251047 0200	109,-



2148