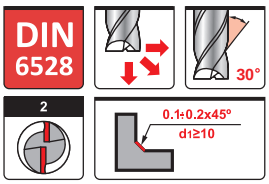
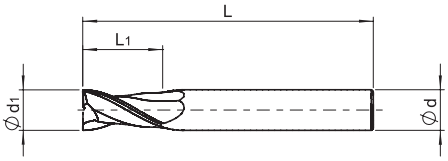
UMT 9202 Z=2
End mills

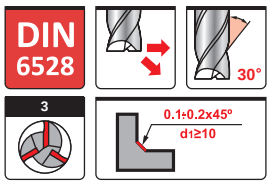


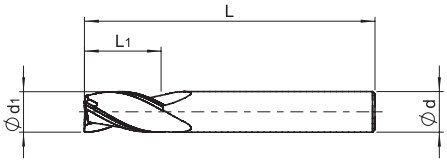


d1 (e8)	L1	d (h6)	L	Stock	ART No
3	7	3	38	●	9202030003800-2
4	8	4	50	●	9202040005000-2
5	10	5	50	●	9202050005000-2
6	10	6	57	●	9202060005700-2
8	16	8	63	●	9202080006300-2
10	19	10	72	●	9202100007200-2
12	22	12	83	●	9202120008300-2
14	22	14	83	●	9202140008300-2
16	26	16	92	●	9202160009200-2
18	26	18	92	●	9202180009200-2
20	32	20	104	●	9202200010400-2

● In stock

UMT 9203 Z=3
End mills

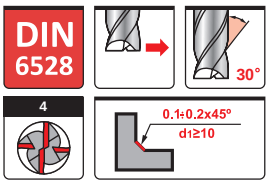


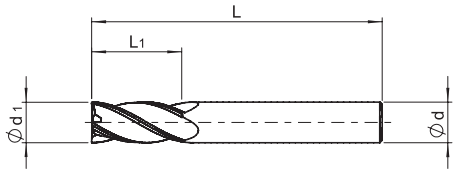


d1 (e8)	L1	d (h6)	L	Stock	ART No
3	7	3	38	●	9203030003800-2
4	8	4	50	●	9203040005000-2
5	10	5	50	●	9203050005000-2
6	10	6	57	●	9203060005700-2
8	16	8	63	●	9203080006300-2
10	19	10	72	●	9203100007200-2
12	22	12	83	●	9203120008300-2
14	22	14	83	●	9203140008300-2
16	26	16	92	●	9203160009200-2
18	26	18	92	●	9203180009200-2
20	32	20	104	●	9203200010400-2

● In stock

UMT 9204 Z=4
End mills

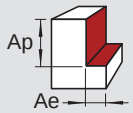




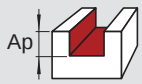
d1 (e8)	L1	d (h6)	L	Stock	ART No
3	10	3	38	●	9204030003800-2
4	11	4	50	●	9204040005000-2
5	13	5	50	●	9204050005000-2
6	13	6	57	●	9204060005700-2
8	19	8	63	●	9204080006300-2
10	22	10	72	●	9204100007200-2
12	26	12	83	●	9204120008300-2
14	26	14	83	●	9204140008300-2
16	32	16	92	●	9204160009200-2
18	32	18	92	●	9204180009200-2
20	38	20	104	●	9204200010400-2

● In stock

Recommended cutting conditions for end mills 9202, 9203, 9204 - Shoulder milling

Work material			Cutting speed V_c (m/min)	d_1 - diameter in mm			f_z - feed per tooth in mm		
	Ap	Ae	nanoTEC2	∅3 - ∅6	∅6 - ∅8	∅8 - ∅10	∅10 - ∅14	∅14 - ∅16	∅16 - ∅20
P Carbon steel and Alloy steel < 25 HRC	<1d_1	<0.2d_1	70-90	0.01-0.025	0.03-0.04	0.035-0.05	0.04-0.06	0.05-0.07	0.06-0.09
Alloy steel and Tool steel 25-45 HRC	<1d_1	<0.1d_1	30-50	0.01-0.02	0.03-0.04	0.035-0.05	0.04-0.06	0.05-0.07	0.06-0.09
M Stainless steel	<1d_1	<0.1d_1	40-60	0.01-0.02	0.025-0.04	0.03-0.04	0.04-0.06	0.05-0.07	0.06-0.08
K Cast iron GG	<1d_1	<0.2d_1	100-120	0.01-0.025	0.03-0.04	0.035-0.05	0.04-0.06	0.05-0.07	0.06-0.09
Nodular cast iron GGG	<1d_1	<0.2d_1	80-100	0.01-0.02	0.03-0.04	0.035-0.05	0.04-0.06	0.05-0.07	0.06-0.09

Recommended cutting conditions for end mills 9202, 9203 - Slotting

Work material		Cutting speed V_c (m/min)	d_1 - diameter in mm			f_z - feed per tooth in mm		
	Ap	nanoTEC2	∅3 - ∅6	∅6 - ∅8	∅8 - ∅10	∅10 - ∅14	∅14 - ∅16	∅16 - ∅20
P Carbon steel and Alloy steel < 25 HRC	<0.5d_1	60-80	0.008-0.02	0.018-0.04	0.02-0.05	0.025-0.06	0.03-0.07	0.04-0.08
Alloy steel and Tool steel 25-45 HRC	<0.2d_1	25-45	0.006-0.018	0.015-0.03	0.02-0.04	0.02-0.05	0.025-0.06	0.03-0.07
M Stainless steel	<0.2d_1	30-50	0.006-0.02	0.015-0.03	0.02-0.04	0.03-0.07	0.025-0.06	0.03-0.07
K Cast iron GG	<0.5d_1	90-110	0.01-0.025	0.02-0.05	0.025-0.07	0.026-0.07	0.035-0.08	0.035-0.11
Nodular cast iron GGG	<0.3d_1	70-90	0.01-0.02	0.02-0.04	0.02-0.06	0.02-0.05	0.027-0.07	0.03-0.10