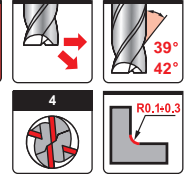


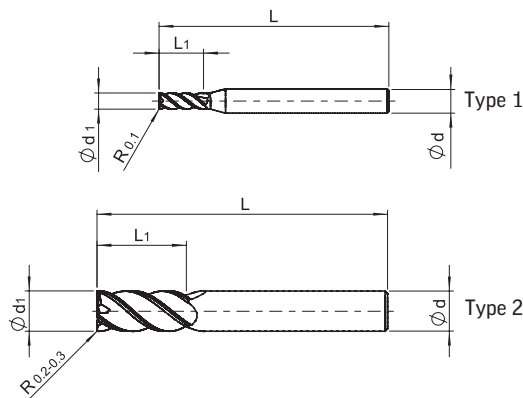
UMT 9244 Z=4

End mills with different helix angles and irregular teeth

DIN 6527L



nano TEC2



d1 (e8)	L1	d (h6)	L	Stock	Type	ART No
3	8	6	57	●	1	9244030005700-2
4	11	6	57	●	1	9244040005700-2
5	13	6	57	●	1	9244050005700-2
6	13	6	57	●	2	9244060005700-2
8	19	8	63	●	2	9244080006300-2
10	22	10	72	●	2	9244100007200-2
12	26	12	83	●	2	9244120008300-2
14	26	14	83	●	2	9244140008300-2
16	32	16	92	●	2	9244160009200-2
18	32	18	92	●	2	9244180009200-2
20	38	20	104	●	2	9244200010400-2

● In stock

Recommended cutting conditions for end mills 9244 - Shoulder milling

Work material	Ap		Cutting speed Vc (m/min)	d1 - diameter in mm					
	Ap	Ae		ø3 - ø6	ø6 - ø8	ø8 - ø10	ø10 - ø14	ø14 - ø16	ø16 - ø20
P Carbon steel and Alloy steel < 25 HRC	<2d1	<0.4d1	120-150	0.015-0.05	0.03-0.07	0.04-0.09	0.045-0.10	0.06-0.12	0.07-0.16
Alloy steel and Tool steel 25-45 HRC	<2d1	<0.3d1	60-80	0.012-0.04	0.025-0.06	0.035-0.075	0.04-0.08	0.045-0.09	0.055-0.11
M Stainless steel	<1.5d1	<0.3d1	70-80	0.012-0.04	0.025-0.06	0.035-0.07	0.04-0.08	0.045-0.09	0.055-0.11
K Cast iron GG	<2d1	<0.4d1	130-160	0.025-0.07	0.045-0.10	0.06-0.13	0.07-0.15	0.08-0.18	0.10-0.20
Nodular cast iron GGG	<2d1	<0.3d1	100-120	0.021-0.06	0.038-0.09	0.05-0.11	0.06-0.13	0.07-0.15	0.08-0.18
S Titanium alloy	<1.5d1	<0.2d1	30-50	0.015-0.04	0.03-0.06	0.04-0.09	0.045-0.10	0.06-0.12	0.07-0.16

Recommended cutting conditions for end mills 9244 - Slotting

Work material	Ap	Cutting speed Vc (m/min)	d1 - diameter in mm					
	Ap		ø3 - ø6	ø6 - ø8	ø8 - ø10	ø10 - ø14	ø14 - ø16	ø16 - ø20
P Carbon steel and Alloy steel < 25 HRC	<1d1	100-130	0.008-0.03	0.017-0.04	0.02-0.05	0.025-0.06	0.03-0.07	0.04-0.08
Alloy steel and Tool steel 25-45 HRC	<0.7d1	50-70	0.006-0.02	0.015-0.03	0.02-0.04	0.02-0.05	0.025-0.06	0.03-0.07
M Stainless steel	<0.7d1	50-70	0.006-0.02	0.015-0.03	0.02-0.04	0.02-0.05	0.025-0.06	0.03-0.07
K Cast iron GG	<1d1	120-140	0.01-0.04	0.02-0.05	0.025-0.07	0.03-0.07	0.035-0.08	0.035-0.11
Nodular cast iron GGG	<1d1	90-110	0.01-0.03	0.02-0.04	0.02-0.06	0.026-0.07	0.027-0.07	0.03-0.10
S Titanium alloy	<0.3d1	20-40	0.003-0.015	0.005-0.04	0.008-0.04	0.01-0.05	0.015-0.06	0.015-0.08