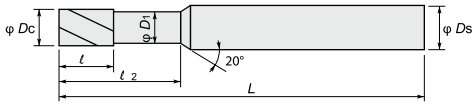
MOLDINO
The Edge To Innovation

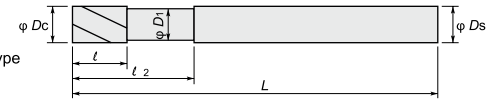
ดอกเอ็นมิลล์
EPOCH SUS MULTI
EPSM4 ○○○-○R○.○-PN

4Flutes

A type



B type



Under neck 5 Dc, Radius type

Planing | Side Cutting | Slotting | Die-sinking | Profiling | Radius | Helical | Roughing | Semi Finishing | Finishing | P (Steel) | M (Stainless) | S (Titanium alloy) | N (Non ferrous) | CARBIDE | PN COATED | Helix angle 40° | Unequal pitch

Dia. tolerance: $\phi 1 \sim \phi 6$: 0~ -0.015; $\phi 7 \sim \phi 20$: 0~ -0.02

h5 (Ø6~12) / h6 (Ø16~20):
Ds ≦ 6 : 0~ -0.005
6 < Ds ≦ 10 : 0~ -0.006
10 < Ds ≦ 12 : 0~ -0.008
Ds = 16 : 0~ -0.011
Ds = 20 : 0~ -0.013

(mm)

Multi-purpose for roughing to finishing of stainless steel

Item Code	Stock	Size (mm)							No. of flutes	Type
		Dc Tool Dia.	r Corner radius	ℓ Flute Lenghth	ℓ2 Under neck length	D1 Neck Dia.	L Overall length	Ds Shank Dia.		
EPSM4010-5-R0.1-PN	●	1	0.1	1.5	5	0.96	68	6	4	A
EPSM4020-10-R0.1-PN	●	2	0.1	3	10	1.92	68	6	4	A
EPSM4020-10-R0.2-PN	●		0.2	3	10	1.92	68	6	4	A
EPSM4030-15-R0.2-PN	●	3	0.2	4.5	15	2.88	68	6	4	A
EPSM4030-15-R0.5-PN	●		0.5	4.5	15	2.88	68	6	4	A
EPSM4040-20-R0.2-PN	●	4	0.2	6	20	3.7	68	6	4	A
EPSM4040-20-R0.5-PN	●		0.5	6	20	3.7	68	6	4	A
EPSM4040-20-R1.0-PN	●		1	6	20	3.7	68	6	4	A
EPSM4050-25-R0.2-PN	●	5	0.2	7.5	25	4.6	68	6	4	A
EPSM4050-25-R0.5-PN	●		0.5	7.5	25	4.6	68	6	4	A
EPSM4050-25-R1.0-PN	●		1	7.5	25	4.6	68	6	4	A
EPSM4060-30-R0.3-PN	●	6	0.3	9	30	5.5	68	6	4	B
EPSM4060-30-R0.5-PN	●		0.5	9	30	5.5	68	6	4	B
EPSM4060-30-R1.0-PN	●		1	9	30	5.5	68	6	4	B
EPSM4060-30-R1.5-PN	●		1.5	9	30	5.5	68	6	4	B
EPSM4070-35-R0.3-PN	●	7	0.3	10.5	35	6.4	80	8	4	A
EPSM4070-35-R0.5-PN	●		0.5	10.5	35	6.4	80	8	4	A
EPSM4070-35-R1.0-PN	●		1	10.5	35	6.4	80	8	4	A
EPSM4080-40-R0.3-PN	●	8	0.3	12	40	7.3	80	8	4	B
EPSM4080-40-R0.5-PN	●		0.5	12	40	7.3	80	8	4	B
EPSM4080-40-R1.0-PN	●		1	12	40	7.3	80	8	4	B
EPSM4080-40-R1.5-PN	●		1.5	12	40	7.3	80	8	4	B
EPSM4080-40-R2.0-PN	●		2	12	40	7.3	80	8	4	B
EPSM4090-45-R0.3-PN	●	9	0.3	13.5	45	8.3	94	10	4	A
EPSM4090-45-R0.5-PN	●		0.5	13.5	45	8.3	94	10	4	A
EPSM4090-45-R1.0-PN	●		1	13.5	45	8.3	94	10	4	A
EPSM4100-50-R0.3-PN	●	10	0.3	15	50	9.1	94	10	4	B
EPSM4100-50-R0.5-PN	●		0.5	15	50	9.1	94	10	4	B
EPSM4100-50-R1.0-PN	●		1	15	50	9.1	94	10	4	B
EPSM4100-50-R1.5-PN	●		1.5	15	50	9.1	94	10	4	B
EPSM4100-50-R2.0-PN	●		2	15	50	9.1	94	10	4	B
EPSM4110-55-R0.3-PN	●	11	0.3	16.5	55	10.2	110	12	4	A
EPSM4110-55-R0.5-PN	●		0.5	16.5	55	10.2	110	12	4	A
EPSM4110-55-R1.0-PN	●		1	16.5	55	10.2	110	12	4	A
EPSM4120-60-R0.3-PN	●	12	0.3	18	60	11	110	12	4	B
EPSM4120-60-R0.5-PN	●		0.5	18	60	11	110	12	4	B
EPSM4120-60-R1.0-PN	●		1	18	60	11	110	12	4	B
EPSM4120-60-R1.5-PN	●		1.5	18	60	11	110	12	4	B
EPSM4120-60-R2.0-PN	●		2	18	60	11	110	12	4	B
EPSM4120-60-R2.5-PN	●		2.5	18	60	11	110	12	4	B
EPSM4120-60-R3.0-PN	●	12	3	18	60	11	110	12	4	B

☐ : Stocked by specified distributor. Contact with our sales department. ● : Stocked item

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END MILL
ดอกเอ็นมิลล์

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Item Code	Stock	Size (mm)							No. of flutes	Type
		Dc Tool Dia.	r Corner radius	ℓ Flute Lenghth	ℓ2 Under neck length	D1 Neck Dia.	L Overall length	Ds Shank Dia.		
EPSM4130-65-R0.5-PN	□		0.5	19.5	65	11.7	125	16	4	A
EPSM4130-65-R1.0-PN	□		1	19.5	65	11.7	125	16	4	A
EPSM4130-65-R1.5-PN	□	13	1.5	19.5	65	11.7	125	16	4	A
EPSM4130-65-R2.0-PN	□		2	19.5	65	11.7	125	16	4	A
EPSM4130-65-R3.0-PN	□		3	19.5	65	11.7	125	16	4	A
EPSM4140-70-R0.5-PN	□		0.5	21	70	12.7	125	16	4	A
EPSM4140-70-R1.0-PN	□		1	21	70	12.7	125	16	4	A
EPSM4140-70-R1.5-PN	□	14	1.5	21	70	12.7	125	16	4	A
EPSM4140-70-R2.0-PN	□		2	21	70	12.7	125	16	4	A
EPSM4140-70-R3.0-PN	□		3	21	70	12.7	125	16	4	A
EPSM4150-75-R0.5-PN	□		0.5	22.5	75	13.6	135	16	4	A
EPSM4150-75-R1.0-PN	□		1	22.5	75	13.6	135	16	4	A
EPSM4150-75-R1.5-PN	□	15	1.5	22.5	75	13.6	135	16	4	A
EPSM4150-75-R2.0-PN	□		2	22.5	75	13.6	135	16	4	A
EPSM4150-75-R3.0-PN	□		3	22.5	75	13.6	135	16	4	A
EPSM4160-80-R0.5-PN	●		0.5	24	80	14.5	135	16	4	B
EPSM4160-80-R1.0-PN	●		1	24	80	14.5	135	16	4	B
EPSM4160-80-R1.5-PN	●	16	1.5	24	80	14.5	135	16	4	B
EPSM4160-80-R2.0-PN	●		2	24	80	14.5	135	16	4	B
EPSM4160-80-R3.0-PN	●		3	24	80	14.5	135	16	4	B
EPSM4170-85-R0.5-PN	□		0.5	25.5	85	15.4	145	20	4	A
EPSM4170-85-R1.0-PN	□		1	25.5	85	15.4	145	20	4	A
EPSM4170-85-R1.5-PN	□	17	1.5	25.5	85	15.4	145	20	4	A
EPSM4170-85-R2.0-PN	□		2	25.5	85	15.4	145	20	4	A
EPSM4170-85-R3.0-PN	□		3	25.5	85	15.4	145	20	4	A
EPSM4180-90-R0.5-PN	□		0.5	27	90	16.3	145	20	4	A
EPSM4180-90-R1.0-PN	□		1	27	90	16.3	145	20	4	A
EPSM4180-90-R1.5-PN	□	18	1.5	27	90	16.3	145	20	4	A
EPSM4180-90-R2.0-PN	□		2	27	90	16.3	145	20	4	A
EPSM4180-90-R3.0-PN	□		3	27	90	16.3	145	20	4	A
EPSM4190-95-R0.5-PN	□		0.5	28.5	95	17.3	155	20	4	A
EPSM4190-95-R1.0-PN	□		1	28.5	95	17.3	155	20	4	A
EPSM4190-95-R1.5-PN	□	19	1.5	28.5	95	17.3	155	20	4	A
EPSM4190-95-R2.0-PN	□		2	28.5	95	17.3	155	20	4	A
EPSM4190-95-R3.0-PN	□		3	28.5	95	17.3	155	20	4	A
EPSM4200-100-R0.5-PN	●		0.5	30	100	18.2	155	20	4	B
EPSM4200-100-R1.0-PN	●		1	30	100	18.2	155	20	4	B
EPSM4200-100-R1.5-PN	●	20	1.5	30	100	18.2	155	20	4	B
EPSM4200-100-R2.0-PN	●		2	30	100	18.2	155	20	4	B
EPSM4200-100-R3.0-PN	●		3	30	100	18.2	155	20	4	B
EPSM4200-100-R5.0-PN	●		5	30	100	18.2	155	20	4	B

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● : Stocked item

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