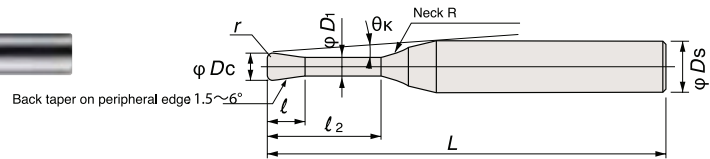




ดอกเอ็นมิลล์

EPOCH DEEP RADIUS F
EPDRF4 0.05-0.1-0.2-TH

Ø4 or higher does not have backdraft shape.



±0.005
(central axis)



0~ -0.005

(mm)

High-accuracy deep radius mill

Order No.	Stock	Size (mm)									The effective under-neck length for the various draft angles				
		Dc Tool Dia.	r Corner radius	ℓ ₂ Under Neck Length	ℓ Flute Length	D1 Neck Dia.	L Overall length	Ds shank Dia.	Neck R	θ κ Interference Angle	0.5°	1°	1.5°	2°	3°
EPDRF4010-4-005-TH	●			4						7.67	4.75	4.95	5.13	5.28	5.56
EPDRF4010-6-005-TH	●			6			50			6.51	6.84	7.09	7.3	7.49	8.13
EPDRF4010-8-005-TH	●			8						5.66	8.92	9.21	9.46	9.73	10.78
EPDRF4010-10-005-TH	●		0.05	10						5	10.99	11.32	11.59	12.12	13.44
EPDRF4010-12-005-TH	●			12						4.48	13.06	13.42	13.84	14.51	16.09
EPDRF4010-16-005-TH	●			16			60			3.71	17.18	17.6	18.4	19.3	21.4
EPDRF4010-20-005-TH	●			20						3.17	21.29	21.93	22.96	24.09	26.71
EPDRF4010-4-01-TH	●	1		4	0.8	0.94		4	4	7.7	4.74	4.95	5.12	5.28	5.55
EPDRF4010-6-01-TH	●			6			50			6.54	6.83	7.09	7.3	7.49	8.11
EPDRF4010-8-01-TH	●			8						5.68	8.91	9.21	9.45	9.72	10.77
EPDRF4010-10-01-TH	●		0.1	10						5.02	10.99	11.32	11.59	12.11	13.42
EPDRF4010-12-01-TH	●			12						4.5	13.06	13.42	13.83	14.5	16.08
EPDRF4010-16-01-TH	●			16			60			3.72	17.18	17.6	18.39	19.29	21.39
EPDRF4010-20-01-TH	●			20						3.17	21.29	21.93	22.95	24.08	26.7
EPDRF4015-4-005-TH	●			4			50			7.12	4.8	4.99	5.16	5.31	5.59
EPDRF4015-8-005-TH	●			8						5.1	8.96	9.25	9.48	9.78	10.85
EPDRF4015-12-005-TH	●		0.05	12						3.97	13.09	13.45	13.89	14.57	16.16
EPDRF4015-15-005-TH	●			15			60			3.41	16.18	16.58	17.31	18.16	20.14
EPDRF4015-20-005-TH	●			20						2.76	21.32	21.98	23.01	24.14	No interference
EPDRF4015-4-01-TH	●	1.5		4	1.35	1.42		4	4	7.15	4.8	4.99	5.16	5.31	5.58
EPDRF4015-8-01-TH	●			8			50			5.12	8.96	9.24	9.48	9.77	10.83
EPDRF4015-12-01-TH	●		0.1	12						3.98	13.09	13.45	13.88	14.56	16.14
EPDRF4015-15-01-TH	●			15			60			3.42	16.18	16.58	17.3	18.15	20.12
EPDRF4015-20-01-TH	●			20						2.76	21.32	21.98	23.01	24.13	No interference
EPDRF4020-4-005-TH	●			4						6.46	4.8	4.99	5.16	5.31	5.59
EPDRF4020-6-005-TH	●		0.05	6			50			5.27	6.88	7.13	7.33	7.52	8.19
EPDRF4020-8-005-TH	●			8						4.46	8.96	9.25	9.48	9.78	10.85
EPDRF4020-12-005-TH	●			12						3.4	13.09	13.45	13.89	14.57	16.16
EPDRF4020-16-005-TH	●			16			60			2.75	17.21	17.63	18.45	19.36	No interference
EPDRF4020-20-005-TH	●			20						2.31	21.32	21.98	23.01	24.14	No interference
EPDRF4020-4-01-TH	●			4						6.49	4.8	4.99	5.16	5.31	5.58
EPDRF4020-6-01-TH	●			6			50			5.3	6.88	7.12	7.33	7.51	8.18
EPDRF4020-8-01-TH	●		0.1	8						4.47	8.96	9.24	9.48	9.77	10.83
EPDRF4020-12-01-TH	●			12						3.41	13.09	13.45	13.88	14.56	16.14
EPDRF4020-16-01-TH	●			16			60			2.76	17.21	17.62	18.44	19.35	No interference
EPDRF4020-20-01-TH	●			20						2.31	21.32	21.98	23.01	24.13	No interference
EPDRF4020-4-02-TH	●	2		4	1.7	1.92		4	4	6.57	4.79	4.98	5.15	5.3	5.57
EPDRF4020-6-02-TH	●			6			50			5.35	6.88	7.12	7.32	7.5	8.14
EPDRF4020-8-02-TH	●			8						4.51	8.95	9.24	9.47	9.75	10.8
EPDRF4020-12-02-TH	●		0.2	12						3.43	13.09	13.44	13.87	14.54	16.11
EPDRF4020-16-02-TH	●			16			60			2.77	17.21	17.62	18.43	19.33	No interference
EPDRF4020-20-02-TH	●			20						2.32	21.32	21.97	22.99	24.11	No interference
EPDRF4020-25-02-TH	●			25						1.93	26.44	27.42	28.69	No interference	No interference
EPDRF4020-30-02-TH	●			30			70			1.66	31.55	32.87	34.4	No interference	No interference
EPDRF4020-4-03-TH	●			4						6.64	4.79	4.97	5.14	5.29	5.55
EPDRF4020-8-03-TH	●			8			50			4.55	8.95	9.23	9.47	9.73	10.77
EPDRF4020-12-03-TH	●		0.3	12						3.45	13.09	13.44	13.85	14.52	16.08
EPDRF4020-16-03-TH	●			16			60			2.79	17.21	17.61	18.42	19.31	No interference
EPDRF4020-20-03-TH	●			20						2.33	21.31	21.96	22.98	24.09	No interference
EPDRF4020-4-05-TH	●		0.5	4						6.8	4.78	4.96	5.12	5.26	5.53
EPDRF4020-6-05-TH	●			6			50			5.5	6.86	7.1	7.3	7.48	8.05

● : Stocked Items.

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ห้ามนำไปเผยแพร่หรือใช้รับอนุญาตจากทางบริษัท

END MILL

ดอกเอ็นมิลล์



MOLDINO
The Edge To Innovation

DEEP SERIES
ตระกูลตีฟ

DEEP SERIES
เอ็นมิลล์ตระกูลตีฟ
CBN END MILL
CBN เอ็นมิลล์
Carbide Endmill
เอ็นมิลล์คาร์ไบด์
HSS Endmill
เอ็นมิลล์ไฮสปีด
Ball
หัวบอล
Radius
หัวกึ่งมุม R
Square
หัวสี่
Taper Ball
หัวตเปอรบอล
Roughing

Order No.	Stock	Size (mm)									The effective under-neck length for the various draft angles				
		Dc Tool Dia.	r Corner radius	ℓ ₂ Under Neck Length	ℓ Flute Length	D1 Neck Dia.	L Overall length	Ds Shank Dia.	Neck R	θ κ Interference Angle	0.5°	1°	1.5°	2°	3°
EPDRF4020-8-05-TH	●			8			50			4.62	8.94	9.22	9.45	9.7	10.7
EPDRF4020-12-05-TH	●			12						3.5	13.08	13.43	13.83	14.48	16.01
EPDRF4020-16-05-TH	●			16						2.81	17.2	17.61	18.39	19.27	No interference
EPDRF4020-20-05-TH	●	2	0.5	20	1.7	1.92		4	4	2.35	21.31	21.95	22.95	24.06	No interference
EPDRF4020-25-05-TH	●			25			70			1.95	26.43	27.39	28.65	No interference	No interference
EPDRF4020-30-05-TH	●			30						1.67	31.54	32.84	34.36	No interference	No interference
EPDRF4025-8-01-TH	●			8			50			3.68	9	9.27	9.51	9.83	10.89
EPDRF4025-16-01-TH	●		0.1	16			60			2.19	17.24	17.67	18.5	19.4	No interference
EPDRF4025-20-01-TH	●			20						1.82	21.35	22.03	23.06	No interference	No interference
EPDRF4025-8-02-TH	●			8			50			3.72	8.99	9.27	9.5	9.81	10.86
EPDRF4025-16-02-TH	●		0.2	16						2.2	17.24	17.67	18.48	19.38	No interference
EPDRF4025-20-02-TH	●	2.5		20	2	2.4		4	4	1.83	21.34	22.02	23.05	No interference	No interference
EPDRF4025-12-03-TH	●			12			60			2.78	13.12	13.47	13.91	14.58	No interference
EPDRF4025-20-03-TH	●			20						1.84	21.34	22.01	23.03	No interference	No interference
EPDRF4025-12-05-TH	●			12						2.82	13.12	13.46	13.88	14.54	No interference
EPDRF4025-20-05-TH	●		0.5	20						1.85	21.34	22	23	No interference	No interference
EPDRF4030-8-01-TH	●			8						5.61	9.07	9.34	9.56	9.94	11.02
EPDRF4030-16-01-TH	●			16			60			3.69	17.3	17.78	18.6	19.52	21.64
EPDRF4030-25-01-TH	●		0.1	25			70			2.67	26.52	27.58	28.87	30.28	No interference
EPDRF4030-30-01-TH	●			30			80			2.31	31.62	33.03	34.57	36.27	No interference
EPDRF4030-8-02-TH	●			8						5.65	9.07	9.33	9.55	9.92	10.99
EPDRF4030-12-02-TH	●			12			60			4.48	13.19	13.52	14.03	14.71	16.3
EPDRF4030-16-02-TH	●		0.2	16						3.71	17.3	17.77	18.59	19.5	21.6
EPDRF4030-20-02-TH	●			20						3.16	21.4	22.13	23.15	24.28	26.91
EPDRF4030-25-02-TH	●			25			70			2.67	26.51	27.57	28.86	30.27	No interference
EPDRF4030-30-02-TH	●			30			80			2.31	31.62	33.02	34.56	36.25	No interference
EPDRF4030-8-03-TH	●	3		8	2.5	2.86		6	4	5.68	9.07	9.33	9.54	9.9	10.95
EPDRF4030-16-03-TH	●			16			60			3.72	17.3	17.76	18.58	19.48	21.57
EPDRF4030-20-03-TH	●		0.3	20			70			3.17	21.4	22.12	23.14	24.26	26.88
EPDRF4030-25-03-TH	●			25						2.68	26.51	27.56	28.84	30.25	No interference
EPDRF4030-30-03-TH	●			30			80			2.32	31.62	33.01	34.54	36.23	No interference
EPDRF4030-8-05-TH	●			8						5.76	9.06	9.31	9.53	9.87	10.89
EPDRF4030-12-05-TH	●			12			60			4.55	13.18	13.51	13.99	14.65	16.2
EPDRF4030-16-05-TH	●			16						3.75	17.29	17.74	18.55	19.44	21.51
EPDRF4030-20-05-TH	●		0.5	20						3.2	21.39	22.1	23.11	24.22	26.82
EPDRF4030-25-05-TH	●			25			70			2.7	26.51	27.55	28.81	30.21	No interference
EPDRF4030-30-05-TH	●			30			80			2.33	31.61	32.99	34.52	36.19	No interference
EPDRF4030-35-05-TH	●			35						2.06	36.82	38.44	40.22	42.17	No interference
EPDRF4040-12-01-TH	●			12						3.4	13.13	13.47	13.94	14.62	16.2
EPDRF4040-20-01-TH	●		0.1	20			60			2.31	21.35	22.03	23.06	24.19	No interference
EPDRF4040-30-01-TH	●			30						1.65	31.57	32.93	34.46	No interference	No interference
EPDRF4040-40-01-TH	●			40			80			1.28	41.95	43.82	No interference	No interference	No interference
EPDRF4040-12-02-TH	●			12			60			3.42	13.12	13.47	13.92	14.6	16.17
EPDRF4040-20-02-TH	●		0.2	20						2.32	21.34	22.02	23.05	24.17	No interference
EPDRF4040-30-02-TH	●			30						1.65	31.57	32.92	34.45	No interference	No interference
EPDRF4040-40-02-TH	●	4		40	4	3.9	80	6	4	1.29	41.94	43.81	No interference	No interference	No interference
EPDRF4040-12-03-TH	●			12						3.44	13.12	13.47	13.91	14.58	16.14
EPDRF4040-20-03-TH	●		0.3	20			60			2.33	21.34	22.01	23.03	24.15	No interference
EPDRF4040-30-03-TH	●			30			80			1.66	31.57	32.91	34.44	No interference	No interference
EPDRF4040-40-03-TH	●			40						1.29	41.94	43.8	No interference	No interference	No interference
EPDRF4040-12-05-TH	●			12						3.49	13.12	13.46	13.88	14.54	16.07
EPDRF4040-20-05-TH	●		0.5	20			60			2.35	21.34	22	23	24.11	No interference
EPDRF4040-30-05-TH	●			30						1.67	31.57	32.89	34.41	No interference	No interference
EPDRF4040-40-05-TH	●			40			80			1.29	41.93	43.79	No interference	No interference	No interference
EPDRF4050-20-01-TH	●		0.1	20			70			1.28	21.35	22.03	No interference	No interference	No interference
EPDRF4050-40-01-TH	●			40			90			0.68	41.95	No interference	No interference	No interference	No interference
EPDRF4050-20-02-TH	●		0.2	20			70			1.28	21.34	22.02	No interference	No interference	No interference
EPDRF4050-40-02-TH	●			40			90			0.68	41.94	No interference	No interference	No interference	No interference
EPDRF4050-20-03-TH	●		0.3	20	5	4.9	70	6	4	1.29	21.34	22.01	No interference	No interference	No interference
EPDRF4050-40-03-TH	●	5		40			90			0.68	41.94	No interference	No interference	No interference	No interference
EPDRF4050-20-05-TH	●		0.5	20			70			1.3	21.34	22	No interference	No interference	No interference
EPDRF4050-40-05-TH	●			40			90			0.69	41.93	No interference	No interference	No interference	No interference
EPDRF4050-20-10-TH	●		1	20			70			1.33	21.32	21.95	No interference	No interference	No interference
EPDRF4050-40-10-TH	●			40			90			0.69	41.91	No interference	No interference	No interference	No interference
EPDRF4060-30-02-TH	●		0.2	30			80			No interference	No interference	No interference	No interference	No interference	No interference
EPDRF4060-54-02-TH	●			54			100			No interference	No interference	No interference	No interference	No interference	No interference
EPDRF4060-72-02-TH	●			72			120			No interference	No interference	No interference	No interference	No interference	No interference
EPDRF4060-30-03-TH	●			30			80			No interference	No interference	No interference	No interference	No interference	No interference
EPDRF4060-54-03-TH	●		0.3	54			100			No interference	No interference	No interference	No interference	No interference	No interference
EPDRF4060-72-03-TH	●	6		72	6	5.9	120	6	4	0	No interference	No interference	No interference	No interference	No interference
EPDRF4060-30-05-TH	●			30			80			No interference	No interference	No interference	No interference	No interference	No interference
EPDRF4060-54-05-TH	●		0.5	54			100			No interference	No interference	No interference	No interference	No interference	No interference
EPDRF4060-72-05-TH	●			72			120			No interference	No interference	No interference	No interference	No interference	No interference
EPDRF4060-30-10-TH	●		1	30			80			No interference	No interference	No interference	No interference	No interference	No interference
EPDRF4060-54-10-TH	●			54			100			No interference	No interference	No interference	No interference	No interference	No interference
EPDRF4060-72-10-TH	●			72			120			No interference	No interference	No interference	No interference	No interference	No interference

● : Stocked Items.