

END MILL

ดอกเอ็นมิลล์

DEEP SERIES
ตระกูลตีฟ



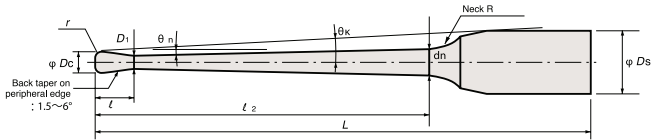
Order No.	Stock	Size (mm)										The effective under-neck length for the various draft angles				
		Dc Mill Dia.	r Corner radius	ℓ ₂ Under Neck Length	ℓ Flute Length	D1 Neck Dia.	L Overall Length	Ds Shank Dia.	Neck R	θ κ Interference Angle	0.5°	1°	1.5°	2°	3°	
EPDRE2060-35-03-ATH	●		0.3	35			80				0.01	No interference	No interference	No interference	No interference	No interference
EPDRE2060-55-03-ATH	●			55			100				0.01	No interference	No interference	No interference	No interference	No interference
EPDRE2060-18-05-ATH	●			18			60				0.01	No interference	No interference	No interference	No interference	No interference
EPDRE2060-24-05-ATH	●		0.5	24			70				0.01	No interference	No interference	No interference	No interference	No interference
EPDRE2060-35-05-ATH	●			35			80				0.01	No interference	No interference	No interference	No interference	No interference
EPDRE2060-55-05-ATH	●	6		55	5	5.7	100				0.01	No interference	No interference	No interference	No interference	No interference
EPDRE2060-18-1-ATH	●			18			60				0.01	No interference	No interference	No interference	No interference	No interference
EPDRE2060-24-1-ATH	●		1	24			70				0.01	No interference	No interference	No interference	No interference	No interference
EPDRE2060-35-1-ATH	●			35			80				0.01	No interference	No interference	No interference	No interference	No interference
EPDRE2060-55-1-ATH	●			55			100				0.01	No interference	No interference	No interference	No interference	No interference

● : Stocked item

ดอกเอ็นมิลล์ EPOCH PENCIL DEEP RADIUS EPDRP2 -TH



2Flutes



Pencil Neck

Die-sinking

Profiling

Radius

Miniature

Best Material Machining

Semi Finishing

Finishing

Rib Miniature

P (Steel)

H (High hardness)

M (Stainless)

S (Titanium alloy)

N (Non ferrous)

CARBIDE

TH COATED

65 HRC

Corner Radius

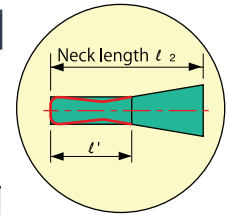
Helix angle 30°

Dia. tolerance
0 ~ -0.015

R tolerance
±0.005

h5
0 ~ -0.005

(mm)



TH coating makes it ideal for high-hardness materials. High breakage resistance.

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	θ n Neck Angle	ℓ Flute Length	D1 Neck Dia.	dn Under Neck dia.	L Overall length	Ds shank Dia.	Neck R	ℓ Approx neck length	θ κ Interference Angle	0.5°	1°	1.5°	2°	3°	
EPDRP2002-2-09005-TH	●	0.2	0.05	2	0.9	0.15	0.17	0.228	50	4	10	1.1	9.96	-	2.82	3.15	3.44	3.93	
EPDRP2004-4-09005-TH	●		0.05	4				0.486					8.39	-	4.91	5.38	5.76	6.38	
EPDRP2004-5-09005-TH	●	0.4		5	0.9	0.3	0.37	0.518	50	4	10	1.25	7.8	-	5.93	6.47	6.88	7.56	
EPDRP2004-4-0901-TH	●		0.1	4				0.486					8.42	-	4.9	5.37	5.74	6.37	
EPDRP2004-5-0901-TH	●			5				0.518					7.83	-	5.92	6.46	6.87	7.55	
EPDRP2005-5-0901-TH	●			5				0.616					7.75	-	5.93	6.47	6.88	7.55	
EPDRP2005-8-0901-TH	●	0.5	0.1	8	0.9	0.35	0.47	0.710	50	4	10	1.3	6.39	-	9	9.7	10.21	11.02	
EPDRP2005-10-0901-TH	●			10				0.773	55				5.72	-	11.04	11.84	12.4	13.28	
EPDRP2006-12-0901-TH	●	0.6	0.1	12	0.9	0.4	0.57	0.934	55	4	10	1.35	5.09	-	13.08	13.97	14.57	15.52	
EPDRP2006-15-0901-TH	●			15				1.029					4.45	-	16.14	17.14	17.81	18.84	
EPDRP2008-6-0402-TH	●			6	0.4			0.847	50	7	2.64		6.91	6.68	7.16	7.52	7.82	8.34	
EPDRP2008-12-0902-TH	●	0.8	0.2	12	0.9	0.5	0.77	1.131	55	4	10	1.45	4.94	-	13.08	13.96	14.57	15.51	
EPDRP2010-8-0402-TH	●			8	0.4			1.041	55		7	5.09	7.32	8.87	9.39	9.78	10.11	10.66	
EPDRP2010-10-0902-TH	●			10				1.229					6.79	-	11.24	11.95	12.48	13.34	
EPDRP2010-15-0902-TH	●			15				1.386	60				5.57	-	16.32	17.23	17.88	18.88	
EPDRP2010-20-0902-TH	●		0.2	20				1.543	65				4.72	-	21.39	22.47	23.21	24.78	
EPDRP2010-25-0902-TH	●	1		25	0.9			1.700	70		10	2.7	4.1	-	26.46	27.69	28.51	30.93	
EPDRP2010-30-0902-TH	●			30		0.8	0.97	1.857	75	6			3.62	-	31.53	32.89	33.78	37.07	
EPDRP2010-35-0902-TH	●			35				2.015	80				3.24	-	36.59	38.07	39.03	43.22	
EPDRP2010-8-0403-TH	●			8	0.4			1.041	55		7	5.09	7.36	8.87	9.38	9.77	10.09	10.65	
EPDRP2010-15-0903-TH	●			15				1.386	60				5.59	-	16.31	17.22	17.86	18.87	
EPDRP2010-25-0903-TH	●		0.3	25	0.9			1.700	70		10	2.7	4.11	-	26.45	27.68	28.5	30.89	
EPDRP2010-30-0903-TH	●			30				1.857	75				3.63	-	31.52	32.88	33.77	37.04	

● : Stocked Items.

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MOLDINO
The Edge To Innovation

DEEP SERIES
ตระกูลตีฟ

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.	θ _n Neck Angle	ℓ Flute Length	D1 Neck Dia.	d _n Under Neck dia.	L Overall length	Ds shank Dia.	Neck R	ℓ Approx neck length	θ κ Interference Angle	0.5°	1°	1.5°	2°	3°	
EPDRP2015-10-0402-TH	●			10	0.4			1.541	55		7	7.07	6.33	11.01	11.56	11.98	12.34	13.08	
EPDRP2015-15-0902-TH	●			15				1.849	60				5.24	-	16.47	17.32	17.95	18.93	
EPDRP2015-20-0902-TH	●		0.2	20	0.9			2.006	65			10	3.89	4.41	-	21.54	22.55	23.27	24.9
EPDRP2015-25-0902-TH	●			25				2.163	70				3.81	-	26.6	27.76	28.57	31.04	
EPDRP2015-30-0902-TH	●	1.5		30		1.35	1.42	2.320	75	6			3.35	-	31.66	32.95	33.83	37.19	
EPDRP2015-10-0403-TH	●			10	0.4			1.541	55		7	7.07	6.36	11	11.56	11.97	12.33	13.04	
EPDRP2015-20-0903-TH	●		0.3	20				2.006	65				4.43	-	21.52	22.54	23.26	24.86	
EPDRP2015-25-0903-TH	●			25	0.9			2.163	70		10	3.89	3.82	-	26.59	27.75	28.56	31.01	
EPDRP2015-30-0903-TH	●			30				2.320	75				3.36	-	31.65	32.95	33.82	37.16	
EPDRP2020-30-0902-TH	●			30				2.809	70				3.07	-	31.69	32.97	33.84	37.22	
EPDRP2020-40-0902-TH	●		0.2	40	0.9			3.123	80		10	7.42	2.46	-	41.8	43.32	44.66	No interference	
EPDRP2020-50-0902-TH	●			50				3.438	90				2.06	-	51.9	53.62	55.74	No interference	
EPDRP2020-12-0403-TH	●			12	0.4			2.064	55		7		5.46	13.05	13.66	14.12	14.5	15.63	
EPDRP2020-20-0903-TH	●			20				2.495	65	6			4.1	-	21.56	22.57	23.28	24.9	
EPDRP2020-30-0903-TH	●		0.3	30	0.9			2.809	70		10	4.24	3.08	-	31.68	32.96	33.84	37.19	
EPDRP2020-40-0903-TH	●			40				3.123	80				2.47	-	41.79	43.31	44.64	No interference	
EPDRP2020-50-0903-TH	●			50				3.438	90				2.06	-	51.89	53.61	55.72	No interference	
EPDRP2020-8-0405-TH	●	2		8	0.4	1.7	1.92	2.008	50		4		6.76	8.73	9.06	9.32	9.54	10.43	
EPDRP2020-12-0405-TH	●			12	0.4			2.064	55		7	7.42	5.51	13.03	13.65	14.1	14.48	15.56	
EPDRP2020-16-0405-TH	●			16	0.4			2.120	60				4.65	17.08	17.82	18.35	18.78	20.7	
EPDRP2020-20-0905-TH	●		0.5	20				2.495	65				4.13	-	21.54	22.54	23.26	24.84	
EPDRP2020-25-0905-TH	●			25				2.652	65	6			3.54	-	26.6	27.75	28.55	30.98	
EPDRP2020-30-0905-TH	●			30	0.9			2.809	70		10	4.24	3.1	-	31.66	32.95	33.82	37.13	
EPDRP2020-40-0905-TH	●			40				3.123	80				2.48	-	41.77	43.29	44.6	No interference	
EPDRP2020-50-0905-TH	●			50				3.438	90				2.07	-	51.87	53.6	55.68	No interference	
EPDRP2030-40-0902-TH	●			40				4.038	80				1.94	-	42.04	43.44	No interference	No interference	
EPDRP2030-50-0902-TH	●		0.2	50				4.352	90				1.6	-	52.13	53.74	No interference	No interference	
EPDRP2030-60-0902-TH	●			60				4.667	100				1.36	-	62.21	No interference	No interference	No interference	
EPDRP2030-40-0903-TH	●			40				4.038	80				1.94	-	42.03	43.44	No interference	No interference	
EPDRP2030-50-0903-TH	●	3	0.3	50	0.9	2.5	2.86	4.352	90	6	10	6.95	1.61	-	52.12	53.73	No interference	No interference	
EPDRP2030-60-0903-TH	●			60				4.667	100				1.36	-	62.21	No interference	No interference	No interference	
EPDRP2030-40-0905-TH	●			40				4.038	80				1.95	-	42.01	43.42	No interference	No interference	
EPDRP2030-50-0905-TH	●		0.5	50				4.352	90				1.61	-	52.1	53.71	No interference	No interference	
EPDRP2030-60-0905-TH	●			60				4.667	100				1.37	-	62.19	No interference	No interference	No interference	

● : Stocked Items.

DEEP SERIES

เอ็นมิลล์ตระกูลตีฟ

CBN END MILL

CBN เอ็นมิลล์

Carbide Endmill

เอ็นมิลล์คาร์ไบด์

HSS Endmill

เอ็นมิลล์ไฮสปีด

Ball

หัวบอล

Radius

หัวกัดมุม R

Square

หัวตัด

Taper Ball

หัวเตเปอร์บอล

Roughing