



ดอกเอ็นมิลล์  
**EPOCH UNIVERSAL**  
**CEPU4**



Ø4 ~ Ø6 : 0~-0.015  
Ø8 ~ Ø20 : 0~-0.02



Ds ≤ 6 : 0~-0.008  
6 < Ds ≤ 10 : 0~-0.009  
10 < Ds ≤ 18 : 0~-0.011  
18 < Ds ≤ 30 : 0~-0.013  
30 < Ds : 0~-0.016

(mm)

2-step flute groove enables high-efficiency machining from grooving to side cutting. Focus on efficiency.

Item Code	Stock	Size (mm)			
		Tool Dia.	Flute Length	Overall length	Shank Dia.
CEPU4040	●	4	12	60	6
CEPU4060	●	6	15	60	6
CEPU4080	●	8	20	75	8
CEPU4100	●	10	25	80	10
CEPU4120	●	12	30	100	12
CEPU4160	●	16	40	110	16
CEPU4200	●	20	45	125	20

● : Stocked Items.

DEEP SERIES

เอ็นมิลล์ตระกูลดีฟ

CBN END MILL

CBN เอ็นมิลล์

Carbide Endmill

เอ็นมิลล์คาร์ไบด์

HSS Endmill

เอ็นมิลล์ไฮสปีด

Ball

หัวบอล

Radius

หัวกัศม R

Square

หัวตัด

Taper Ball

หัวเตเปอร์บอล

Roughing

ดอกเอ็นมิลล์  
**C-COATED CARBIDE END MILLS**  
**HES4**

4Flutes



Regular



Ø2 ~ Ø6 : 0~-0.02  
Ø6.5 ~ Ø30 : 0~-0.025



Ds ≤ 6 : 0~-0.008  
6 < Ds ≤ 10 : 0~-0.009  
10 < Ds ≤ 18 : 0~-0.011  
18 < Ds ≤ 30 : 0~-0.013  
30 < Ds : 0~-0.016

(mm)

Item Code	Stock	Size (mm)			
		ToolDia.	Flute Length	Overall length	Shank Dia.
HES4020-C	●	2	6	40	4
HES4025-C	●	2.5	8	40	4
HES4030-C	●	3	10	45	6
HES4035-C	●	3.5	11	45	6
HES4040-C	●	4	12	45	6
HES4045-C	●	4.5	14	45	6
HES4050-C	●	5	15	50	6
HES4055-C	●	5.5	15	50	6
HES4060-C	●	6	15	50	6
HES4065-C	●	6.5	15	50	6
HES4070-C	●	7	20	60	8
HES4075-C	●	7.5	20	60	8
HES4080-C	●	8	20	60	8
HES4085-C	●	8.5	20	60	8

□ : Stocked by specified distributor. Contact with our sales department.

Item Code	Stock	Size (mm)			
		ToolDia.	Flute Length	Overall length	Shank Dia.
HES4090-C	●	9	20	65	10
HES4095-C	●	9.5	20	65	10
HES4100-C	●	10	25	70	10
HES4110-C	●	11	25	75	12
HES4120-C	●	12	25	75	12
HES4130-C	●	13	25	75	12
HES4140-C	●	14	35	90	16
HES4150-C	●	15	35	90	16
HES4160-C	●	16	35	90	16
HES4180-C	●	18	40	105	20
HES4200-C	●	20	40	105	20
HES4250-C	●	25	50	120	25
HES4300-C	□	30	55	130	32

● : Stocked Items.