

# CUTTING TOOLS & PRECISION TOOLS

## GSX2C

### GSX MILL Two Flutes 2.5D

ดอกเอ็นมิลล์ คาร์ไบด์ เคลือบ GSX Coating (2 เขี้ยว) 2.5D

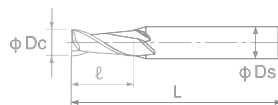
List 9170 Carbide GSX 30° G h6 0.2-20

KT Code NA9170\_(dia.) เช่น dia. 0.8mm : NA9170\_0080

ขนาด Dia. ØD (mm)	Length of Cut ℓ (mm)	Overall Length L (mm)	Shank Dia. Ød (mm)	ราคา (บาท)
0.2	0.5	40	4	
0.3	0.8	40	4	
0.4	1	40	4	
0.5	1.3	40	4	
0.6	1.5	40	4	
0.7	1.8	40	4	
0.8	2	40	4	
0.9	2.3	40	4	
1	2.5	40	4	
1.1	2.8	40	4	
1.2	3	40	4	
1.3	3.3	40	4	
1.4	3.5	40	4	
1.5	3.8	40	4	
1.6	4	40	4	
1.7	4.3	40	4	
1.8	4.5	40	4	
1.9	4.8	40	4	
2	5	40	4	
2.1	5.3	40	4	
2.2	5.5	40	4	
2.3	5.8	40	4	
2.4	6	40	4	
2.5	6.3	40	4	
2.6	6.5	40	4	
2.7	6.8	40	4	
2.8	7	40	4	
2.9	7.3	40	4	
3	7.5	45	6	
3.1	7.8	45	6	
3.2	8	45	6	
3.3	8.3	45	6	
3.4	8.5	45	6	
3.5	8.8	45	6	
3.6	9	45	6	
3.7	9.3	45	6	
3.8	9.5	45	6	
3.9	9.8	45	6	
4	10	45	6	
4.1	10.3	45	6	

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- This end mill can be done from wet milling in raw materials to high-speed dry milling in hardened materials.

ขนาด Dia. ØD (mm)	Length of Cut ℓ (mm)	Overall Length L (mm)	Shank Dia. Ød (mm)	ราคา (บาท)
4.2	10.5	45	6	
4.3	10.8	45	6	
4.4	11	45	6	
4.5	11.3	50	6	
4.6	11.5	50	6	
4.7	11.8	50	6	
4.8	12	50	6	
4.9	12.3	50	6	
5	12.5	50	6	
5.1	12.8	50	6	
5.2	13	50	6	
5.3	13.3	50	6	
5.4	13.5	50	6	
5.5	13.8	50	6	
5.6	14	50	6	
5.7	14.3	50	6	
5.8	14.5	50	6	
5.9	14.8	50	6	
6	15	50	6	
7	17.5	60	8	
8	20	60	8	
9	22.5	70	10	
10	25	70	10	
11	27.5	75	12	
12	30	75	12	
13	32.5	75	12	
14	35	90	16	
15	37.5	90	16	
16	4	90	16	
18	45	100	20	
20	50	100	20	

Dc (mm)		Tolerance (mm)
Above	Up to	
	3	0 ~ -0.015
3	12	0 ~ -0.020
12		0 ~ -0.030

Cutting Condition : B63

## GSX4C

### GSX MILL Four Flutes 1D

ดอกเอ็นมิลล์ คาร์ไบด์ เคลือบ GSX Coating (4 เขี้ยว) 1.0D

List 9180 Carbide GSX 30° G h6 1-20

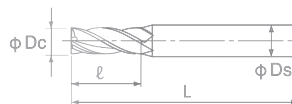
- This end mill can be done from wet milling in raw materials to high-speed dry milling in hardened materials.

KT Code NA9180\_(dia.) เช่น dia. 1.5mm : NA9180\_0150

ขนาด Dia. ØD (mm)	Length of Cut ℓ (mm)	Overall Length L (mm)	Shank Dia. Ød (mm)	ราคา (บาท)
1	1	40	4	
1.5	1.5	40	4	
2	2	40	4	
2.5	2.5	40	4	
3	3	45	6	
3.5	3.5	45	6	
4	4	45	6	
4.5	4.5	50	6	
5	5	50	6	
5.5	5.5	50	6	
6	6	50	6	
7	7	60	8	
8	8	60	8	
9	9	70	10	

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ขนาด Dia. ØD (mm)	Length of Cut ℓ (mm)	Overall Length L (mm)	Shank Dia. Ød (mm)	ราคา (บาท)
10	10	70	10	
12	12	75	12	
14	14	90	16	
15	15	90	16	
16	16	90	16	
20	20	100	20	

Dc (mm)		Tolerance (mm)
Above	Up to	
	3	0 ~ -0.015
3	12	0 ~ -0.020
12		0 ~ -0.030

Cutting Condition : B64