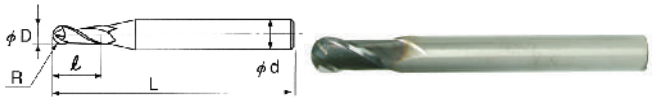
B

GS มิลล์ หัวบอล GS-Mill Ball

ดอกเอ็นมิลล์ทังสเตนคาร์ไบด์เคลือบ GS Coating



List 9386 GS HELIX N Tungsten Carbide

- This end mill is suitable for high-speed and long life milling, and is used in profile milling.

KT Code NA9386_(R)

รัศมี Radius R (mm)	Dia. เส้นผ่าศูนย์กลาง φD (mm)	Length of Cut ความยาวช่วงฟัน ℓ (mm)	Overall length ความยาวรวม L (mm)	Shank Dia. ขนาดก้าน φd (mm)	ราคา (บาท)
R0.5	1	1.5	50	4	**1,760.-**
R0.75	1.5	2.5	50	4	**1,850.-**
R1	2	3	60	6	**1,850.-**
R1.25	2.5	4	60	6	**2,060.-**
R1.5	3	4.5	60	6	**1,970.-**
R2	4	6	70	6	**1,970.-**
R2.5	5	7.5	80	6	**2,280.-**
R3	6	9	80	6	**2,440.-**
R4	8	12	90	8	**3,510.-**
R5	10	15	100	10	**4,600.-**
R6	12	21	110	12	**6,000.-**

Tolerance (μm)	
Dia. of Mill	R
0 ~ -30	±10

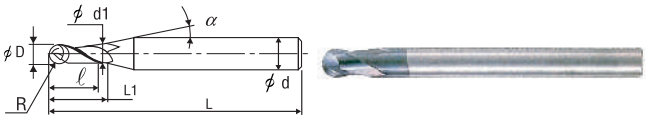
Tolerance of Shank Dia : h6

Cutting Condition : **B46, B47**

GS MILL Hard Ball

NACHI นาชิ

ดอกเอ็นมิลล์ หัวบอลสำหรับกัดโลหะแข็งพิเศษ ทังสเตนคาร์ไบด์เคลือบพิว GS



List 9422 GS HELIX 25°

- Suitable for high efficiency and high precision finishing of hardened die and mold.

KT Code NA9422_(R)

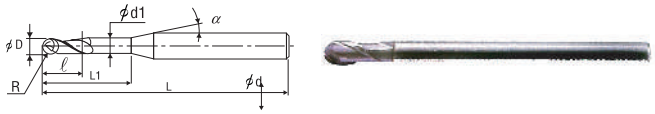
Radius รัศมี R (mm)	Dia. เส้นผ่าศูนย์กลาง φD (mm)	Length of Cut ℓ (mm)	L1 (mm)	α	Overall length L (mm)	Shank Dia. φd (mm)	ราคา (บาท)
0.2	0.4	0.4	0.6	10°	50	4	**6,630.-**
0.3	0.6	0.6	0.9	10°	50	4	**6,330.-**
0.5	1	1	1.5	10°	50	4	**4,740.-**
0.75	1.5	1.5	2.3	10°	50	4	**5,160.-**
1	2	2	3	15°	60	6	**4,780.-**
1.25	2.5	2.5	3.8	15°	60	6	**5,160.-**
1.5	3	3	4.5	15°	60	6	**5,160.-**
2	4	4	6	15°	70	6	**5,160.-**
2.5	5	5	7.5	15°	80	6	**5,670.-**
3	6	6	-	-	80	6	**5,820.-**
4	8	8	-	-	90	8	**7,590.-**
5	10	10	-	-	100	10	**9,610.-**
6	12	12	-	-	110	12	**12,490.-**

Tolerance of Radius of ball nose : +0.003 ~ -0.007 mm (+3 ~ -7μm)
Tolerance of Shank Dia. : 0 ~ -0.005 mm (0 ~ -5μm)

Cutting Condition : **B51**

X's-Mill Geo Ball

ดอกเอ็นมิลล์ หัวบอล คาร์ไบด์เคลือบ X's GEO Coating



List 9340 X's HELIX 30°

- This end mill is suitable for high efficiency and high precision finishing of molding dies.

KT Code NA9340_(R)

Radius รัศมี R (mm)	Dia. เส้นผ่าศูนย์กลาง φD (mm)	Length of Cut ℓ (mm)	L1 (mm)	α	Overall length L (mm)	Shank Dia. φd (mm)	ราคา (บาท)
0.5	1	1.5	3	10°	50	4	**4,120.-**
0.75	1.5	2.5	4	10°	50	4	**4,120.-**
1	2	3	5	15°	60	6	**4,120.-**
1.25	2.5	4	6	15°	60	6	**4,640.-**
1.5	3	4.5	8	15°	80	6	**4,420.-**
2	4	6	12	15°	80	6	**4,420.-**
2.5	5	7.5	14	15°	90	6	**4,940.-**
3	6	9	-	-	100	6	**4,980.-**
3.5	7	11	20	20°	100	8	**6,070.-**
4	8	12	-	-	100	8	**6,500.-**
4.5	9	14	25	20°	120	10	**8,670.-**
5	10	15	-	-	120	10	**8,320.-**
5.5	11	17	30	20°	120	12	**10,660.-**
6	12	18	-	-	120	12	**10,700.-**
6.5	13	20	35	20°	160	16	**12,560.-**
7	14	21	38	-	160	16	**16,690.-**
7.5	15	23	40	20°	160	16	**17,890.-**
8	16	24	-	-	160	16	**21,870.-**
9	18	27	50	20°	180	20	**27,290.-**
10	20	30	-	-	180	20	**34,040.-**
12.5	25	38	-	-	200	25	**60,630.-**
15	30	45	80	20°	200	32	**93,290.-**

R (mm)	Tolerance (μm)	
	Dia.	R
≤ 8	0 ~ -30	±10
> 8	0 ~ -40	

Tolerance of Shank Dia : h6

Cutting Condition : **B51**

GS-Mill Slot ดอกเอ็นมิลล์ 3 ฟัน สำหรับกัดร่อง (Slotting) โดยเฉพาะ ทังสเตนคาร์ไบด์เคลือบ GS

NACHI นาชิ



NEW

List 9432 GS HELIX 40°

- This end mill is available for grooving continuously into slotting.

KT Code NA9432_(dia.)

Dia. เส้นผ่าศูนย์กลาง φD (mm)	Length of Cut ℓ (mm)	Overall length L (mm)	Shank Dia. φd (mm)	ราคา (บาท)
3	8	50	6	**2,010.-**
4	11	50	6	**2,180.-**
5	13	60	6	**2,340.-**
6	13	60	6	**2,420.-**
8	19	80	8	**3,150.-**
10	22	90	10	**3,670.-**
12	26	90	12	**5,390.-**
16	32	115	16	**11,350.-**

Dia. of Mill (mm)		Tolerance (μm)
Above	Up to	
	3	0 ~ -15
3		0 ~ -30

Tolerance of Shank Dia : h6

Cutting Condition : **B53**