



TBB Cutting Tool

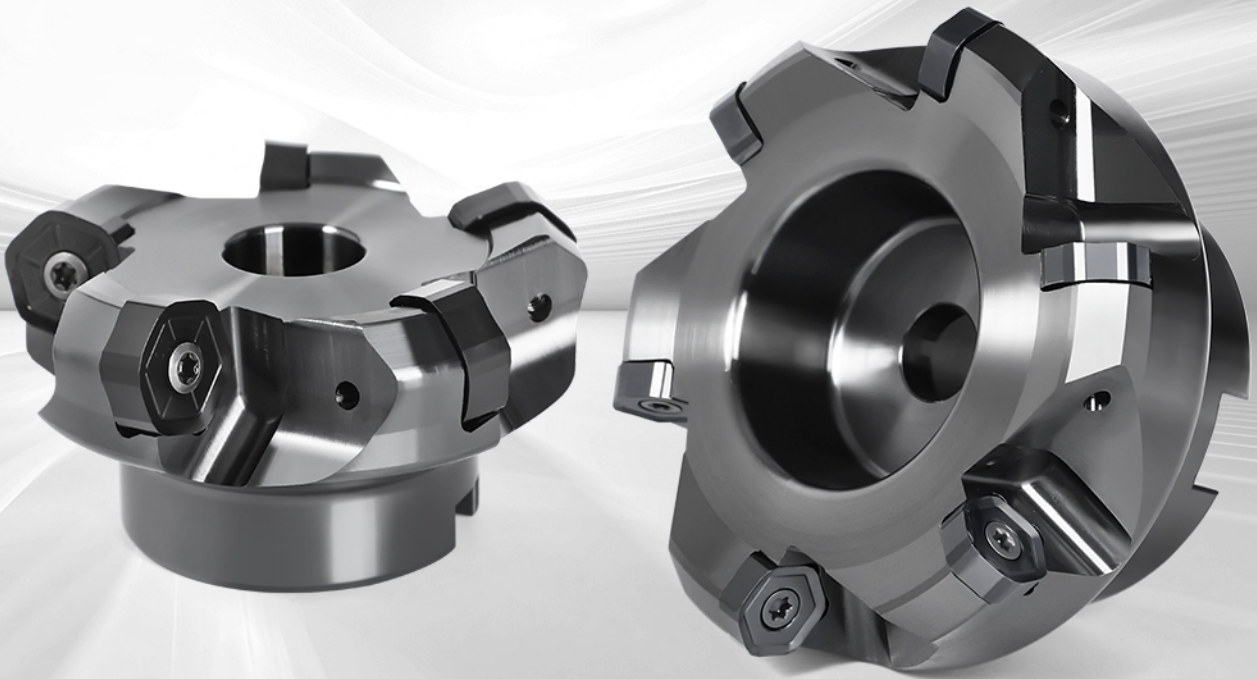
M7 Series

銑削系列

MILLING TOOLS SERIES

HNPJ07 / HNGU09  
(HN)

45°主偏角，降低切削阻力實現高速加工  
12刃雙面刀片，應對多種材質面銑加工  
2種大小刀片，可適用粗加工到半精加工



團隊切削 行家優選

TEAMCUTTING EXPERT PREFERRED

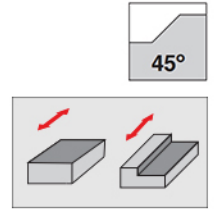
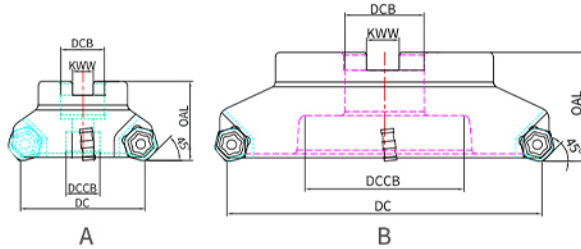
# TF45HN07 (HNPJ07)

## 12刃雙面銑刀盤

Face Mill Cutter

HNPJ07系列

HNPJ07 Series



Designation 型號	CICT 齒數	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DC	DCB	OAL	DCCB	KWW	Type		
TF45HN07-450-22	4	3.5	50	22	40	14	8.4	A	45°	HNPJ07...
TF45HN07-563-22	5	3.5	63	22	40	14	8.4	A	45°	HNPJ07...
TF45HN07-680-27	6	3.5	80	27	40	17	10.4	A	45°	HNPJ07...
TF45HN07-7100-32	7	3.5	100	32	40	17	10.4	A	45°	HNPJ07...
TF45HN07-8125-40	8	3.5	125	40	50	34	12.4	B	45°	HNPJ07...
TF45HN07-10160-40	10	3.5	160	40	40	14	8.4	B	45°	HNPJ07...

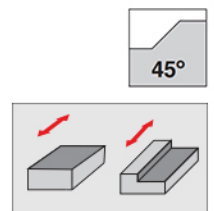
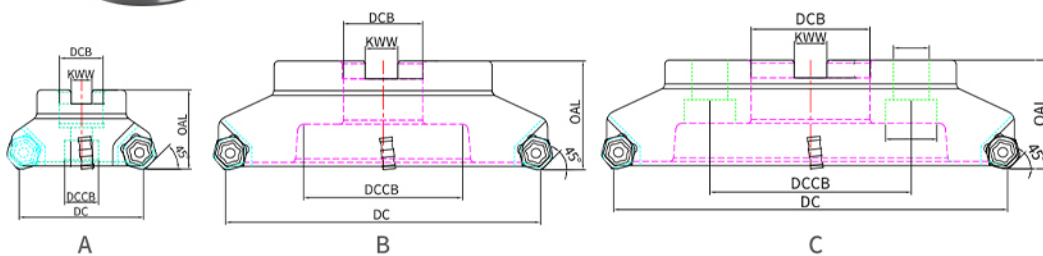
# TF45HN09 (HNGU09)

## 12刃雙面銑刀盤

Face Mill Cutter

HNGU09系列

HNGU09 Series



Designation 型號	CICT 齒數	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DC	DCB	OAL	DCCB	KWW	Type		
TF45HN09-450-22	4	4.5	50	22	40	17	10.4	A	45°	HNGU09...
TF45HN09-563-22	5	4.5	63	22	40	17	10.4	A	45°	HNGU09...
TF45HN09-680-27	6	4.5	80	27	50	34	12.4	A	45°	HNGU09...
TF45HN09-7100-32	7	4.5	100	32	50	42	14.4	A	45°	HNGU09...
TF45HN09-8125-40	8	4.5	125	40	55	50	16.4	B	45°	HNGU09...
TF45HN09-10160-40	10	4.5	160	40	55	80	16.4	B	45°	HNGU09...
TF45HN09-12200-60	12	4.5	200	60	55	101.6	25.8	C	45°	HNGU09...
TF45HN09-14250-60	14	4.5	250	60	55	101.6	25.8	C	45°	HNGU09...

刀片相關資訊請參照第M7-02頁

# HNPJ07 (HNPJ07)

## 12刃雙面銑刀片

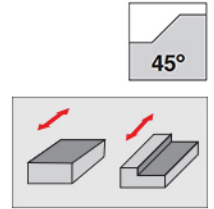
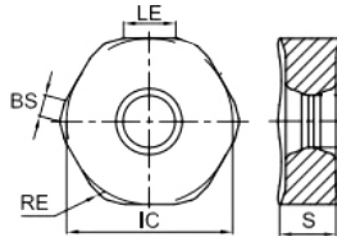
Face Mill Inserts

HNPJ07系列

HNPJ07 Series



**P** 鋼  
**M** 不鏽鋼  
**S** 鈦、鎳



Designation 型號	Dimension (mm)/尺寸							Grade 材質	Use 用途
	IC/大小	S/厚度	RE/圓角	LE/切削刃長度	BS/刀尖刃口長度	Screw/螺絲	Wrench/扳手		
HNPJ0704AN-GD	12.7	4.45	1.2	1.5	1.45	TSA-40100-1	TWA-T15	TC3320	<b>P</b>
								TC5520	<b>M S</b>

# HNGU09 (HNGU09)

## 12刃雙面銑刀片

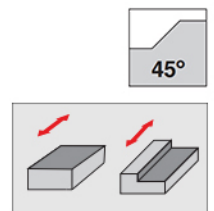
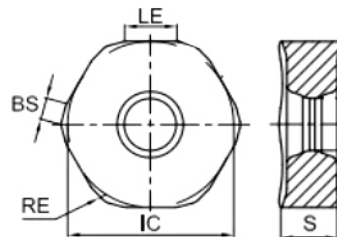
Face Mill Inserts

HNGU09系列

HNGU09 Series



**P** 鋼  
**M** 不鏽鋼  
**S** 鈦、鎳



Designation 型號	Dimension (mm)/尺寸							Grade 材質	Use 用途
	IC/大小	S/厚度	RE/圓角	LE/切削刃長度	BS/刀尖刃口長度	Screw/螺絲	Wrench/扳手		
HNGU0905AN-GM	15.88	5.56	1.2	1.2	1.35	TSA-40100-1	TWA-T15	TC3320	<b>P</b> *
								TC5520	<b>M S</b> *