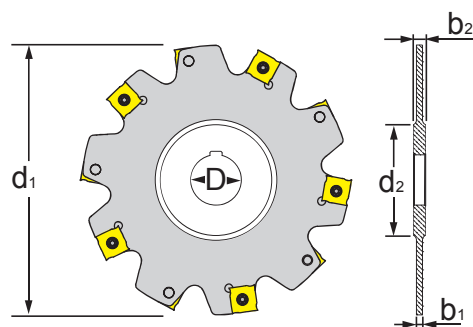




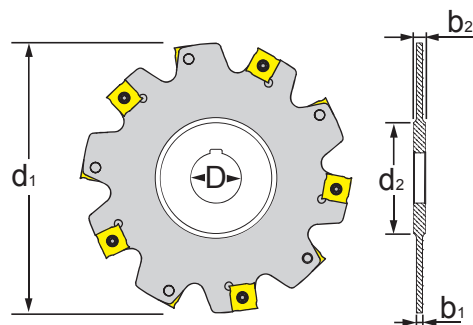
規格 Spec.	D	d ₁	d ₂	b ₁	b ₂	刃數 Flutes	刀 片 Insert	重量 (KGS) Weight
SDC-100×04A25.4	25.4	100	41	4	12	12	SN..1102	0.38
SDC-100×05A25.4	25.4	100	41	5	12	12	SN..1103	0.44
SDC-100×06A25.4	25.4	100	41	6	12	10	SN..1203	0.45
SDC-100×07A25.4	25.4	100	41	7	12	9	SN..1203	0.49
SDC-100×08A25.4	25.4	100	41	8	12	9	SN..1203	0.54
SDC-100×10A25.4	25.4	100	41	10	12	10	SN..1205	0.59
SDC-100×11A25.4	25.4	100	41	11	12	10	SN..1207	0.62
SDC-100×12A25.4	25.4	100	41	12	12	10	SN..1207	0.66
SDC-100×14A25.4	25.4	100	41	14	16	9	SN..1207	0.77
SDC-125×04A25.4	25.4	125	41	4	12	14	SN..1102	0.58
SDC-125×05A25.4	25.4	125	41	5	12	14	SN..1103	0.63
SDC-125×06A25.4	25.4	125	41	6	12	12	SN..1203	0.69
SDC-125×07A25.4	25.4	125	41	7	12	12	SN..1203	0.75
SDC-125×08A25.4	25.4	125	41	8	12	12	SN..1203	0.81
SDC-125×09A25.4	25.4	125	41	9	12	12	SN..1205	0.86
SDC-125×10A25.4	25.4	125	41	10	12	12	SN..1205	0.94
SDC-125×12A25.4	25.4	125	41	12	12	12	SN..1207	1.05
SDC-125×14A25.4	25.4	125	41	14	16	12	SN..1207	1.20
SDC-160×06A25.4	25.4	160	41	6	12	16	SN..1203	1.04
SDC-160×07A25.4	25.4	160	41	7	12	15	SN..1203	0.17
SDC-160×08A25.4	25.4	160	41	8	12	15	SN..1203	1.26
SDC-160×09A25.4	25.4	160	41	9	12	16	SN..1205	1.35
SDC-160×10A25.4	25.4	160	41	10	12	16	SN..1205	1.48
SDC-160×12A25.4	25.4	160	41	12	12	16	SN..1207	1.74
SDC-160×14A25.4	25.4	160	41	14	16	15	SN..1207	1.99

配件表 Accessories

刀片 Insert	螺絲  Screw	扳手  Wrench	扭力值 (N.m) Torque
SN..1102	M3-3.5-5.0-90	T7	0.9
SN..1103	M3-4.3-5.0-90	T7	0.9
SN..1203	M4-5.0-6.2-90	T15	3.0
SN..1205	M4-8.2-6.2-90	T15	3.0
SN..1207	M4-11-6.2-90-T15-TIN	T15	3.0



•長度單位 Unit of Length (mm)



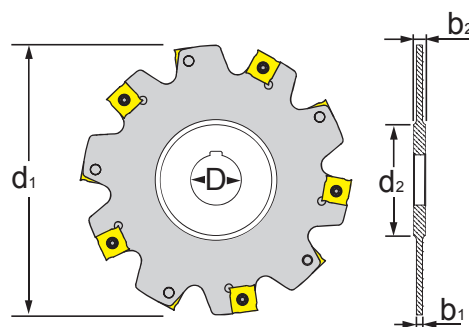
規格 Spec.	D	d ₁	d ₂	b ₁	b ₂	刃數 Flutes	刀 片 Insert	重量 (KGS) Weight
SDC-63×04B22	22	63	34	4	8	8	SN..1102	0.27
SDC-63×05B22	22	63	34	5	8	8	SN..1103	0.28
SDC-63×06B22	22	63	34	6	8	6	SN..1203	0.28
SDC-80×04B22	22	80	34	4	8	10	SN..1102	0.31
SDC-80×05B22	22	80	34	5	8	10	SN..1103	0.33
SDC-80×06B22	22	80	34	6	8	8	SN..1203	0.35
SDC-100×04B27	27	100	41	4	12	12	SN..1102	0.38
SDC-100×05B27	27	100	41	5	12	12	SN..1103	0.44
SDC-100×06B27	27	100	41	6	12	10	SN..1203	0.45
SDC-100×07B27	27	100	41	7	12	9	SN..1203	0.49
SDC-100×08B27	27	100	41	8	12	9	SN..1203	0.54
SDC-100×10B27	27	100	41	10	12	10	SN..1205	0.59
SDC-100×12B27	27	100	41	12	12	10	SN..1207	0.70
SDC-100×14B27	27	100	41	14	12	9	SN..1207	0.70
SDC-125×04B32	32	125	47	4	12	14	SN..1102	0.58
SDC-125×05B32	32	125	47	5	12	14	SN..1103	0.63
SDC-125×06B32	32	125	47	6	12	12	SN..1203	0.69
SDC-125×07B32	32	125	47	7	12	12	SN..1203	0.75
SDC-125×08B32	32	125	47	8	12	12	SN..1203	0.81
SDC-125×09B32	32	125	47	9	12	12	SN..1205	0.86
SDC-125×10B32	32	125	47	10	12	12	SN..1205	0.94
SDC-125×12B32	32	125	47	12	12	12	SN..1207	1.05
SDC-125×14B32	32	125	47	14	12	12	SN..1207	1.20

配件表 Accessories

刀片 Insert	螺絲  Screw	扳手  Wrench	扭力值 (N.m) Torque
SN..1102	M3-3.5-5.0-90	T7	0.9
SN..1103	M3-4.3-5.0-90	T7	0.9
SN..1203	M4-5.0-6.2-90	T15	3.0
SN..1205	M4-8.2-6.2-90	T15	3.0
SN..1207	M4-11-6.2-90-T15-TIN	T15	3.0



•長度單位 Unit of Length (mm)

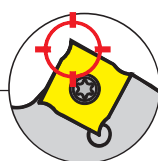
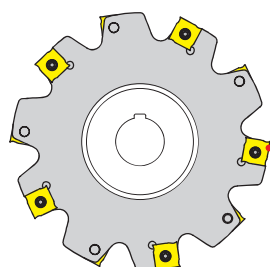


規格 Spec.	D	d ₁	d ₂	b ₁	b ₂	刃數 Flutes	刀 片 Insert	重量 (KGS) Weight
SDC-160×06B40	40	160	55	6	12	16	SN..1203	1.04
SDC-160×07B40	40	160	55	7	12	15	SN..1203	0.17
SDC-160×08B40	40	160	55	8	12	15	SN..1203	1.26
SDC-160×09B40	40	160	55	9	12	16	SN..1205	1.35
SDC-160×10B40	40	160	55	10	12	16	SN..1205	1.48
SDC-160×12B40	40	160	55	12	12	16	SN..1207	1.74
SDC-160×14B40	40	160	55	14	12	15	SN..1207	1.99
SDC-200×06B50	50	200	69	6	12	18	SN..1203	-
SDC-200×08B50	50	200	69	8	12	18	SN..1203	-
SDC-200×10B50	50	200	69	10	12	18	SN..1205	-
SDC-200×12B50	50	200	69	12	12	18	SN..1207	-
SDC-200×14B50	50	200	69	14	14	18	SN..1207	3.20
SDC-250×08B50	50	250	69	8	12	24	SN..1203	4.30
SDC-250×10B50	50	250	69	10	12	24	SN..1205	4.30
SDC-250×12B50	50	250	69	12	12	24	SN..1207	4.50
SDC-250×14B50	50	250	69	14	14	24	SN..1207	4.50

配件表 Accessories

刀片 Insert	螺絲 Screw	扳手 Wrench	扭力值 (N.m) Torque
SN..1203	M4-5.0-6.2-90	T15	3.0
SN..1205	M4-8.2-6.2-90	T15	3.0
SN..1207	M4-11-6.2-90-T15-TIN	T15	3.0

⚠ 請注意! Cautions!



刀片安裝時，需留意刀尖方向
(如圖示紅色準心)

When installing inserts,
need to notice the direction
of the nose. (red aim point of
drawing)



•長度單位 Unit of Length (mm)



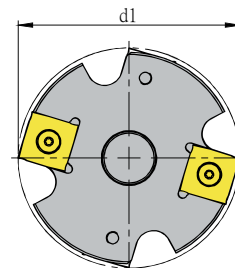
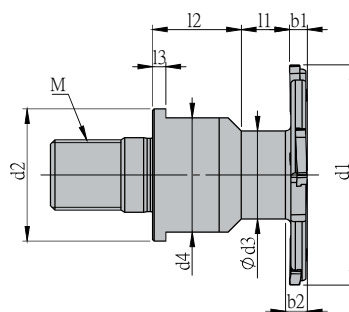
SDC 鎖牙式小徑側銑刀

SDC INDEXABLE SIDE DISC CUTTER FOR SMALL DIAMETER



KOVIT

NEW



特點 Feature

- 小徑專用，可搭配鎢鋼延長桿加長使用

- Designed for small diameters, and be able to work with the carbide extension shank.

規格 Spec.	d1	d2	d3	d4	b1	b2	l1	l2	l3	M	刃數 Flutes	刀片 Insert
SDC-40-04M10	40	18.5	14	16	4	4.9	8.3	10.7	3	M10	4	SNFX1102
SDC-40-05M10	40	18.5	14	16	5	5.9	8.3	10.7	3	M10	4	SNFX1103
SDC-50-04M12	50	23	16	18	4	4.9	11	13	3	M12	6	SNFX1102
SDC-50-05M12	50	23	16	18	5	5.9	11	13	3	M12	6	SNFX1103
SDC-50-06M12	50	23	16	18	6	6.9	11	13	3	M12	4	SNFX1203

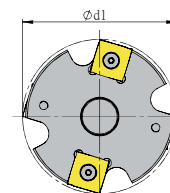
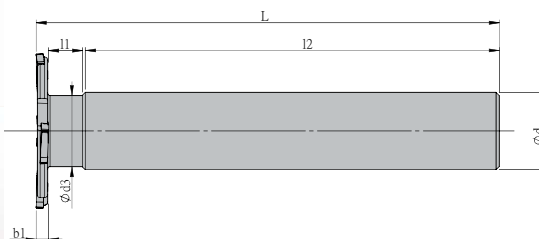
- 搭配 SOM 鎖牙式延長桿 B000



SDC 直柄小徑側銑刀

SDC INDEXABLE SIDE DISC CUTTER FOR SMALL DIAMETER

NEW



規格 Spec.	d1	d	d3	b1	L	l1	l2	刃數 Flutes	刀片 Insert
SDC-04-5025-150	50	25	23	4	150	11	134	4	SNFX1102
SDC-05-5025-150	50	25	23	5	150	10	134	4	SNFX1103
SDC-04-6332-150	63	32	35	4	170	17	148	4	SNFX1102

配件表 Accessories

刀片 Insert	螺絲 Screw	扳手 Wrench	扭力值 (N.m) Torque
SN..1102	M3-3.5-5.0-90	T7	0.9

• 長度單位 Unit of Length (mm)



KOVIT

[illegible]

NEW 新品 New Product

有效屑片厚度計算公式
Formula of average chip thickness

$$f_z = \sqrt{\frac{D}{A_p}} \times f \quad 0.11 = \sqrt{\frac{D}{A_p}} \times f \quad 0.31 = f$$

D= 有效外徑 Effective outer diameter
f= 每刃進給量 Feed per flutes
Ap= 切深 Depth
hm= 有效屑片厚度 Effective chip thickness

SN 11.12 切削條件數據表 Cutting Parameter

被加工材質 Machining Materials		刀片材質 Grade	切削速度 Vc(m/min)	每刃進給 (mm)
P	合金鋼 Alloyed Steels	OM4010	90~250	0.08(0.06~0.12)
		OM4025	90~230	0.08(0.06~0.12)
M	不鏽鋼 Stainless Steels	OM4010	55~110	0.06(0.06~0.12)
		OM4025	55~100	0.06(0.06~0.12)
K	鑄鐵 Cast Iron	OM4025	110~275	0.08(0.06~0.12)
N	鋁合金 Aluminum&Al	OM5005	500~700	0.15(0.15~0.17)

主軸轉速 = (1000 × 切削速度) ÷ (3.14 × 刀具外徑) Spindle Speed = (1000 × Cutting speed) ÷ (3.14 × Cutter outer diameter).

■床檯進給 (mm/min)= 每刃進給 × 刀具刃數 × 主軸轉速 Feeding Speed(mm/min)= Feed per Flutes× Flutes× Spindle speed.

•長度單位 Unit of Length (mm)