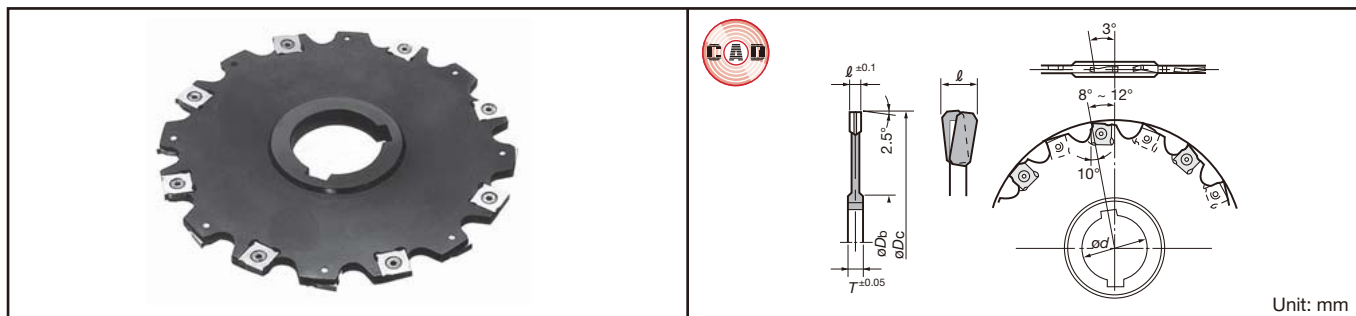




For slotting of steels, cast irons and aluminium alloys



Unit: mm

Cat. No.	Stock		Cutter dia. øD _C	Tool width ℓ	No. of staggered lines	Mounting hole dia. ød		Hub dia. øD _B	Hub thick. T	Insert	No. of inserts	Parts	
	M	W				M (Metric)	W (Inch)					Screw	Wrench
SVN4100-5M/W	●		100	5	2	32	31.75	48	8	SNEN12T2ZT/FN	10	CST-3.5S	T-9D
SVN4100-6M/W	●			6					10	SNEN1233ZT/FN		CST-3.5S	
SVN4100-8M/W	●			8					12	SNEN1233ZT/FN		CST-3.5	
SVN4125-5M/W	●		125	5	2	32	31.75	48	8	SNEN12T2ZT/FN	12	CST-3.5S	
SVN4125-6M/W	●			6					10	SNEN1233ZT/FN		CST-3.5	
SVN4125-8M/W	●			8					12	SNEN1233ZT/FN		CST-3.5	
SVN4160-5M/W	●		160	5	2	40	38.1	58	8	SNEN12T2ZT/FN	16	CST-3.5S	
SVN4160-6M/W	●			6					10	SNEN1233ZT/FN		CST-3.5	
SVN4160-8M/W	●			8					12	SNEN1233ZT/FN		CST-3.5	
SVN4200-5M/W	●		200	5	2	40	38.1	68	8	SNEN12T2ZT/FN	20	CST-3.5S	
SVN4200-6M/W	●			6					10	SNEN1233ZT/FN		CST-3.5	
SVN4200-8M/W	●			8					12	SNEN1233ZT/FN		CST-3.5	

● Notes on specifications of specials made to order

- ① The cutter widths (ℓ) are available in a range from 5 mm to 12 mm.
- ② The maximum cutter diameter available is ø960 mm.
- ③ Special mounting specifications are also available on request.

● Nomenclature

SVN4□□□-□ M/W

Cutter diameter Tool width
Mounting hole spec.

■ Inserts

Cat. No.	Accuracy	Honing	Grades		
			Coated	Uncoated	
SNEN12T2ZTN	E	With	●	●	●
SNEN12T2ZFN		Without	●	●	●
SNEN1233ZTN		With	●	●	●
SNEN1233ZFN		Without	●	●	●

● Standard cutting conditions

Work materials	Grades	Cutting speed v_c (m/min)
Carbon steels (< 300 HB)	AH330	100 ~ 200
	UX30	80 ~ 120
Die steels (< 300 HB)	AH330	60 ~ 120
	UX30	60 ~ 80
Cast irons	TH10	80 ~ 100
Aluminium alloys	TH10	600 ~ 1000

Note: SVN4000 type TAC mills should be used only for roughing. Attainable accuracy of groove width is ± 0.1 mm.

- No. of revolutions n (min⁻¹) = Cutting speed V_c (m/min) \times 1000 \div 3.14 \div Cutter ϕ (mm)
- Feed speed V_f (mm/min) = n (min⁻¹) \times Feed per tooth f_z (mm/t) \times z (No. of inserts)

● : Stocked items