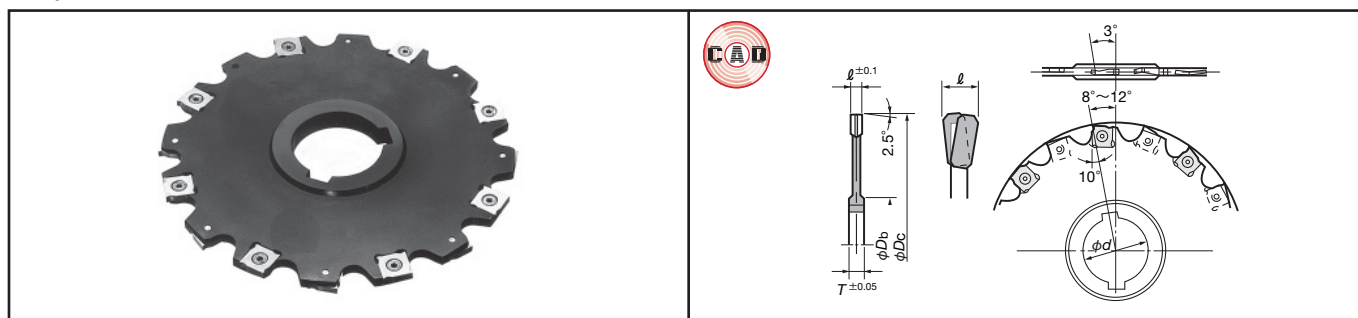




For slotting of steels, cast irons and aluminum alloys



Cat. No.	Stock		Cutter dia. $\phi D_c$	Tool width $\ell$	No. of staggered lines	Mounting hole dia. $\phi d$		Hub dia. $\phi D_b$	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					8					10	SNEN1233ZT/FN	8	CST-3.5S
SVN4100-8M/W	●			8													
SVN4125-5M/W	●		125	5	2	40	38.1	58	8	SNEN12T2ZT/FN	12	CST-3.5S					
SVN4125-6M/W	●			6					8					10	SNEN1233ZT/FN	12	CST-3.5
SVN4125-8M/W	●			8													
SVN4160-5M/W	●		160	5	2	40	38.1	68	8	SNEN12T2ZT/FN	16	CST-3.5S					
SVN4160-6M/W	●			6					8					10	SNEN1233ZT/FN	12	CST-3.5
SVN4160-8M/W	●			8													
SVN4200-5M/W	●		200	5	2	40	38.1	68	8	SNEN12T2ZT/FN	20	CST-3.5S					
SVN4200-6M/W	●			6					8					10	SNEN1233ZT/FN	12	CST-3.5
SVN4200-8M/W	●			8													

● Notes on specifications of specials made to order

- ① The cutter widths ( $\ell$ ) are available in a range from 5 mm to 12 mm.
- ② The maximum cutter diameter available is  $\phi 960$  mm.
- ③ Special mounting specifications are also available on request.

● Nomenclature

SVN4□□□-□ M/W  
Cutter diameter Tool width Mounting hole spec.

■ Inserts

Cat. No. (Inch system)	ISO Cat. No. (Metric system)	Accuracy	Honing	Grades	
				Uncoated	
SNEN12T2ZTN	SNEX12T2ZNTN	E	With	UX30	TH10
SNEN12T2ZFN	SNEX12T2ZNFN		Without	UX30	TH10
SNEN1233ZTN	SNEX1233ZNTN		With	UX30	TH10
SNEN1233ZFN	SNEX1233ZNFN		Without	UX30	TH10

● Standard cutting conditions

Work materials	Insert grades	Cutting speed $v_c$ (m/min)
Carbon steels (< 300 HB)	UX30	80~120
Die steels (< 300 HB)		60~80
Cast irons	TH10	80~100
Aluminum alloys	TH10	600~1000

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

- No. of revolutions ( $\text{min}^{-1}$ ) = Cutting speed  $\times 1000 \div 3.14 \div$  Cutter diameter
- Table feed ( $\text{mm}/\text{min}$ ) = No. of revolutions  $\times$  Feed per tooth  $\times$  No. of inserts

● : Stocked in Japan.