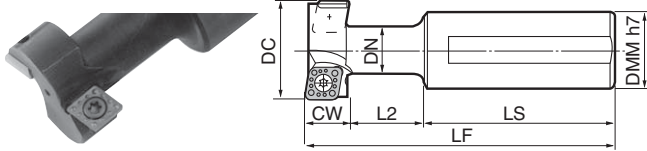


SEC-T Slot Endmills TSE Type

Rake Angle	Radial	0°
	Axial	0°



T Slot Milling



Body		Dimensions (mm)							
Cat. No.	Stock	Diameter	Diameter	Shank	Width	Length	Shank	Total Length	No. of Teeth
		DC	DN	DMM	CW	L2	LS	LF	
TSE 2125	●	21	10.5	25	9	20	80	109	2
2525	●	25	12.5	25	11	21	80	112	2
3232	●	32	16.5	32	14	26	80	120	2
4032	●	40	20.5	32	18	32	80	130	2
TSE 5032	●	50	26.5	32	22	38	80	140	4

Inserts are not included.

Inserts P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metal S Exotic Alloy H Hardened Steel

Grade	Coated Carbide	Carbide	Dimensions (mm)					
	Application	High Speed/Light	General Purpose	Roughing	Inscribed Circle	Thickness	Corner Radius	Applicable Endmill
					IC	S	RE	
Cat. No.								
CPMT 060204N-US	●	●	●		6.35	2.38	0.4	TSE 2125
080308N-US	●	●	●		7.938	3.18	0.8	TSE 2525
09T308N-US	●	●	●		9.525	3.97	0.8	TSE 3232
CPMH 120408N-US	●	●	●		12.7	4.76	0.8	TSE 4032, 5032

Parts

Screw	Wrench	Applicable Endmill
BFTX02506N	1.5 TRX08	TSE2125
BFTX0307N	2.0 TRX10	TSE2525
BFTX0407N	3.0 TRX15	TSE3232
BFN0511T	5.0 TRX20	TSE4032 TSE5032

Recommended Tightening Torque (N · m)

Recommended Cutting Conditions

ISO	Work Material	Hardness	Cutting Speed v_c (m/min)	Feed Rate f_z (mm/t)	Grade
			Min. - Optimum - Max.	Min. - Optimum - Max.	
P	Low Carbon Steel	180 to 280HB	100-125-150	0.05-0.08-0.10	AC630M
	Alloy Steel	180 to 280HB	60-80-100	0.03-0.05-0.08	AC630M
K	Cast Iron	250HB	60-80-100	0.05-0.08-0.10	G10E

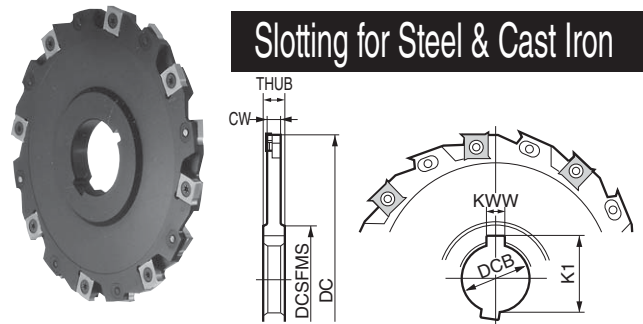
Note The cutting conditions above are a guide. Actual conditions will need to be adjusted according to machine rigidity, work clamp rigidity, cutting depth, and other factors.

SEC-Slitting Cutter TSM Type

Rake Angle	Radial	-12°
	Axial	-2°



Slotting for Steel & Cast Iron



Body		Dimensions (mm)								
Cat. No.	Stock	Diameter	Boss	Width	Thickness	Hole Size	Grooving Width	Key Groove	No. of Teeth	Weight (kg)
		DC	DCSFMS	CW	THUB	DCB	KWW	K1		
TSM 1004	●	100	48	4	8	31.75	7.92	35.2	10	0.15
1005	●	100	48	5	8	31.75	7.92	35.2	10	0.20
1006	●	100	48	6	8	31.75	7.92	35.2	10	0.30
TSM 1254	●	125	58	4	8	31.75	7.92	35.2	12	0.35
1255	●	125	58	5	8	31.75	7.92	35.2	12	0.40
1256	●	125	58	6	8	31.75	7.92	35.2	12	0.45
1258	●	125	58	8	10	31.75	7.92	35.2	12	0.60
TSM 1604	●	160	58	4	8	38.10	9.52	42.3	16	0.50
1605	●	160	58	5	8	38.10	9.52	42.3	16	0.60
1606	●	160	58	6	8	38.10	9.52	42.3	16	0.70
1608	●	160	58	8	10	38.10	9.52	42.3	16	0.95

Inserts are not included.

* All the above items are made-to-order.

Inserts P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metal S Exotic Alloy H Hardened Steel

Grade	Carbide	Dimensions (mm)		
	Application	High Speed/Light	General Purpose	Roughing
Cat. No.				
SNHG 121	●	12.7	2.2	TSM1004 / TSM1254 / TSM1604
122	●	12.7	2.7	TSM1005 / TSM1255 / TSM1605
123	●	12.7	3.2	TSM1006 / TSM1256 / TSM1606
124	●	12.7	4.3	TSM1258 / TSM1608

Parts

Applicable Cutters	Wrench Support	Screw	Wrench
TSM1004	TP43	BFNX0303	2.0 TRX10
TSM1254			
TSM1604			
TSM1005	TP53	BFNX0304	2.0 TRX10
TSM1255			
TSM1605			
TSM1006	TP64	BFNX0405	3.5 TRD20
TSM1256			
TSM1606			
TSM1258			
TSM1608	TP84	BFNX0407	3.5 TRD20

Recommended Tightening Torque (N · m)

H Milling Cutters

Face Milling

Shoulder Milling

High Feed

Radius

Multi-Purpose

R/Profiling

Groove/T-Slot

Chamfering

Aluminum/Light Alloys

High-Speed Cast Iron