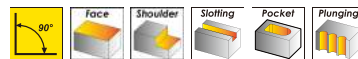


- ◆ Nickel contain plating applied for excellent corrosion resistance effect also increase surface hardness.
- ◆ To avoid the strain in second processing, finishing will be done after pre-harden.

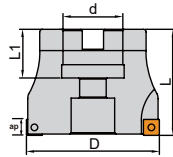
SPE05E/06E/07E



Order No.	D	L1	L	d	T	ap	Inserts	Screw	Wrench
ISP05E02-0120100	12	20	100	12	2	5	SPMG0502	TS2003	TK06
ISP05E02-0130100	13	20	100	12	2	5			
ISP05E02-0140100	14	20	100	12	2	5			
ISP05E02-0150100	15	20	100	12	2	5			
ISP06E02-0160120	16	25	120	16	2	6	SPMG0602	TS2205	TK06
ISP06E02-0170120	17	25	120	16	2	6			
ISP06E02-0180120	18	25	120	16	2	6			
ISP06E02-0190120	19	25	120	16	2	6			
ISP06E02-0200120	20	30	120	20	2	6			
ISP06E02-0210120	21	30	120	20	2	6			
ISP06E03-0220120	22	30	120	20	3	6			
ISP06E03-0230120	23	30	120	20	3	6			
ISP06E03-0240120	24	30	120	20	3	6			
ISP06E03-0250120	25	30	120	25	3	6			
ISP06E03-0260120	26	30	120	25	3	6			
ISP06E04-0270120	27	30	120	25	4	6			
ISP06E04-0280120	28	30	120	25	4	6			
ISP06E04-0290120	29	30	120	25	4	6			
ISP06E04-0300120	30	30	120	25	4	6			
ISP06E04-0310120	31	30	120	25	4	6			
ISP06E05-0320120	32	30	120	25	5	6			
ISP06E05-0330120	33	30	120	25	5	6			
ISP06E05-0340120	34	30	120	25	5	6			
ISP06E05-0350120	35	30	120	25	5	6			
ISP07E03-0250150	25	35	150	25	3	7	SPMG07	TS3504	TK15
ISP07E03-0260150	26	35	150	25	3	7			
ISP07E03-0300150	30	35	150	25	3	7			
ISP07E04-0300150	30	40	150	32	4	7			
ISP09E04-0320150	32	40	150	32	4	7			
ISP07E04-0330150	33	40	150	32	4	7			
ISP07E04-0350150	35	40	150	32	4	7			
ISP07E04-0400150	40	40	150	32	4	7			

Milling Inserts & Tools

SPF06F/09F



Order No.	D	L1	L	d	T	ap	Inserts	Screw	Wrench
ISP06F06-0400160	40	18	40	16	6	6	SPMG0602	TS2205	TK06
ISP06F07-0500220	50	20	45	22	7	6			
ISP06F07-0500254	50	20	45	25.4	7	6			
ISP06F09-0630220	63	20	45	22	9	6			
ISP06F09-0630254	63	20	45	25.4	9	6			
ISP06F11-0800270	80	23	50	27	11	6			
ISP06F11-0800254	80	23	50	25.4	11	6			
ISP09F04-0400160	40	18	40	16	4	9	SPMG0904	TS3504	TK15
ISP09F05-0500220	50	20	45	22	5	9			
ISP09F05-0500254	50	20	45	25.4	5	9			
ISP09F06-0630220	63	20	45	22	6	9			
ISP09F06-0630254	63	20	45	25.4	6	9			
ISP09F07-0800270	80	23	50	27	7	9			
ISP09F07-0800254	80	23	50	25.4	7	9			
ISP09F09-1000320	100	23	50	32	9	9			
ISP09F09-1000317	100	23	50	31.75	9	9			

SPMG Inserts

方肩銑削刀片

- ◆ Economical 4 cutting edges insert.
- ◆ Suitable for most materials by one optimized geometry.
- ◆ True 90° square shoulder angle.

Specification

Inserts	Designation	Grade					Dimensions (mm)						Drawing
		CX21NS	CX31NA	CX31NS	CX41NS	CX41NA	A	B	S	r	d1	t1	
	SPMG 050204-MG		✓	✓			5.00	-	2.38	0.4	2.30	-	
	SPMG 060204-MG		✓	✓			6.00	-	2.38	0.4	2.65	-	
	SPMG 07T308-MG		✓	✓	✓	✓	7.94	-	3.97	0.8	2.85	-	
	SPMG 090408-MG		✓	✓	✓	✓	9.80	-	4.3	0.8	4.05	-	

Milling Inserts & Tools

Recommended Cutting Conditions

Working Material	Vc	fz
Carbon Steel (HB85-225)	80 ~ 200	0.08 ~ 0.20
Stainless 300 Series	50 ~ 110	0.05 ~ 0.15
Cast Iron (HB140-220)	80 ~ 180	0.08 ~ 0.20