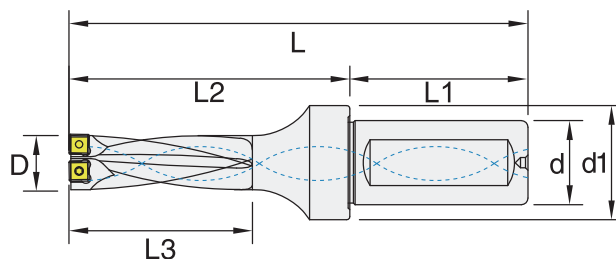


Product Specs

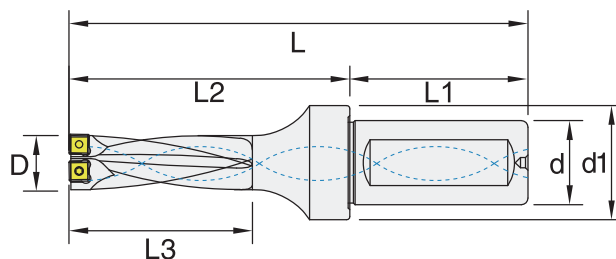
- 4×D Cutting depth
- High durable SDK holder body
- Internal Coolant
- Use with SPMG series inserts
- Indexable Insert with 4 sides cutting edge
- For Alloy Steel, Steel, Stainless Steel and Cast Iron.



Item Code	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDSP1254-20T2-05	12.5	20	27	120	52	70	50	2	SPMG0502...	TS2003	TK06
IDSP1304-20T2-05	13							2			
IDSP1354-20T2-05	13.5			124	56	74		2			
IDSP1404-20T2-05	14							2			
IDSP1454-20T2-05	14.5			129	60	79		2			
IDSP1504-20T2-05	15							2			
IDSP1554-25T2-06	15.5	25	33	140	64	84	56	2	SPMG0602...	TS2205	TK06
IDSP1604-25T2-06	16							2			
IDSP1654-25T2-06	16.5			144	68	88		2			
IDSP1704-25T2-06	17							2			
IDSP1754-25T2-06	17.5			148	72	92		2			
IDSP1804-25T2-06	18							2			
IDSP1854-25T2-06	18.5			152	76	96		2			
IDSP1904-25T2-06	19							2			
IDSP1954-25T2-06	19.5			156	80	100		2			
IDSP2004-25T2-06	20							2			
IDSP2054-25T2-06	20.5			160	84	104		2			
IDSP2104-25T2-06	21							2			
IDSP2154-25T2-06	21.5			164	88	108		2			
IDSP2204-25T2-07	22			32	43						
IDSP2254-32T2-07	22.5	177	92			117	2				
IDSP2304-32T2-07	23						2				
IDSP2354-32T2-07	23.5	181	96			121	2				
IDSP2404-32T2-07	24						2				
IDSP2454-32T2-07	24.5	185	100			125	2				
IDSP2504-32T2-07	25						2				
IDSP2554-32T2-07	25.5	189	104			129	2				
IDSP2604-32T2-07	26						2				
IDSP2654-32T2-07	26.5	196	108			136	2				
IDSP2704-32T2-07	27						2				
IDSP2754-32T2-07	27.5	200	112			140	2				

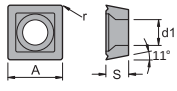
Product Specs

- 4×D Cutting depth
- High durable SDK holder body
- Internal Coolant
- Use with SPMG series inserts
- Indexable Insert with 4 sides cutting edge
- For Alloy Steel, Steel, Stainless Steel and Cast Iron.



Drilling

Item Code	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDSP2804-32T2-09	28	32	43	200	112	140	60	2	SPMG0904...	TS3504	TK15
IDSP2854-32T2-09	28.5			204	116	144		2			
IDSP2904-32T2-09	29							2			
IDSP2954-32T2-09	29.5			208	120	148		2			
IDSP3004-32T2-09	30							2			
IDSP3054-32T2-09	30.5			212	124	152		2			
IDSP3104-32T2-09	31							2			
IDSP3154-32T2-09	31.5			216	128	156		2			
IDSP3204-32T2-09	32							2			
IDSP3254-32T2-09	32.5			220	132	160		2			
IDSP3304-32T2-09	33							2			
IDSP3404-32T2-11	34			224	136	164		2	SPMG1104...	TS4006	TK15
IDSP3504-32T2-11	35	228	140	168	2						
IDSP3604-32T2-11	36	232	144	172	2						
IDSP3704-32T2-11	37	236	148	176	2						
IDSP3804-32T2-11	38	240	152	180	2						
IDSP3904-32T2-11	39	244	156	184	2						
IDSP4004-40T2-11	40	40	53	265	160	195	2				
IDSP4104-40T2-11	41			269	164	199	2				

	P	Steel	⊙	⊙	⊙	○	○		⊙ 1st choice ○ 2st choice					
	M	Stainless steel	○	○	○	⊙	⊙							
	K	Cast iron	⊙	○	○	○	○							
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	-	
	SPMG	110408-MG			✓	✓		11.50	-	4.8	0.8	4.45	-	

Drilling

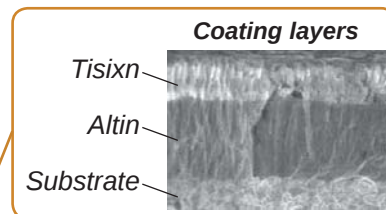
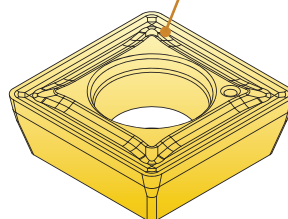
Holder Page : B38~B39

Grade Descriptions

Grade Code : CX31NS, CX41NS

Ingredient : Ti, Al, Si, N

- Feature :
- Si contained
 - Improve the hardness and heat resistance
 - The Si NANO particles uniformly distributed
 - Effective protection of the substrate
 - Extend inserts life



Grade	ISO	Substrate (HRA)	Coating Type	Thickness	Coolant		Cutting Condition
					WET	DRY	
CX31NS	P20~P30 M15~M30 K30	91.6	TiSixN	Thin	★ ★	★	Medium Continuous
CX41NS	P20~P40 M20~M40 K30	90.0	TiSixN	Thin	★ ★	★	Rough Interrupted

Chip breaker design

