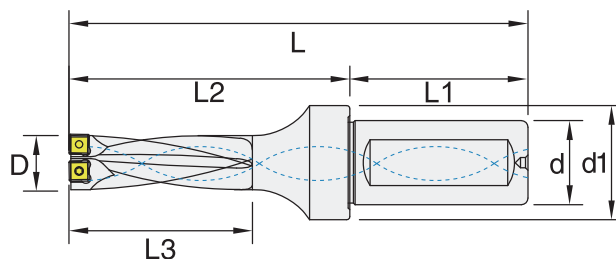


Product Specs

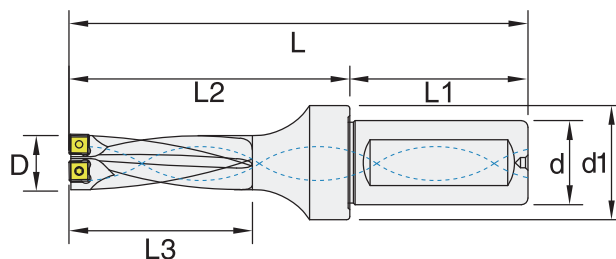
- 2×D Cutting depth
- High durable SDK holder body
- Internal Coolant
- Use with SPMG series inserts
- Indexable Insert with 4 sides cutting edge
- For Alloy Steel, Steel, Stainless Steel and Cast Iron.



Item Code	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDSP1252-20T2-05	12.5	20	27	94	26	44	50	2	SPMG0502...	TS2003	TK06
IDSP1302-20T2-05	13							2			
IDSP1352-20T2-05	13.5							2			
IDSP1402-20T2-05	14							2			
IDSP1452-20T2-05	14.5							2			
IDSP1502-20T2-05	15							2			
IDSP1552-25T2-06	15.5	25	33	108	32	52	56	2	SPMG0602...	TS2202	TK06
IDSP1602-25T2-06	16							2			
IDSP1652-25T2-06	16.5							2			
IDSP1702-25T2-06	17							2			
IDSP1752-25T2-06	17.5							2			
IDSP1802-25T2-06	18							2			
IDSP1852-25T2-06	18.5							2			
IDSP1902-25T2-06	19							2			
IDSP1952-25T2-06	19.5							2			
IDSP2002-25T2-06	20							2			
IDSP2052-25T2-06	20.5							2			
IDSP2102-25T2-06	21							2			
IDSP2152-25T2-06	21.5							2			
IDSP2202-25T2-07	22							2	SPMG07T308	TS2511	TK08
IDSP2252-32T2-07	22.5	32	43	131	46	71	60	2			
IDSP2302-32T2-07	23							2			
IDSP2352-32T2-07	23.5							2			
IDSP2402-32T2-07	24							2			
IDSP2452-32T2-07	24.5							2			
IDSP2502-32T2-07	25							2			
IDSP2552-32T2-07	25.5							2			
IDSP2602-32T2-07	26							2			
IDSP2652-32T2-07	26.5							2			
IDSP2702-32T2-07	27							2			
IDSP2752-32T2-07	27.5							2			

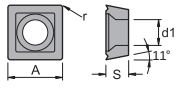
Product Specs

- 2×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				
IDSP2802-32T2-09	28	32	43	144	56	84	60	2	SPMG090408	TS3504	TK15
IDSP2852-32T2-09	28.5			146	58	86		2			
IDSP2902-32T2-09	29			148	60	88		2			
IDSP2952-32T2-09	29.5			150	62	90		2			
IDSP3002-32T2-09	30			152	64	92		2			
IDSP3052-32T2-09	30.5			154	66	94		2			
IDSP3102-32T2-09	31			156	68	96		2			
IDSP3152-32T2-09	31.5			158	70	98		2			
IDSP3202-32T2-09	32			160	72	100		2			
IDSP3252-32T2-09	32.5			162	74	102		2			
IDSP3302-32T2-09	33			164	76	104		2			
IDSP3402-32T2-11	34			166	78	106		2			
IDSP3502-32T2-11	35			185	80	115		2	SPMG110408	TS4006	TK15
IDSP3602-32T2-11	36			187	82	117		2			
IDSP3702-32T2-11	37										
IDSP3802-32T2-11	38										
IDSP3902-32T2-11	39										
IDSP4002-40T2-11	40	40	53								
IDSP4102-40T2-11	41										

	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

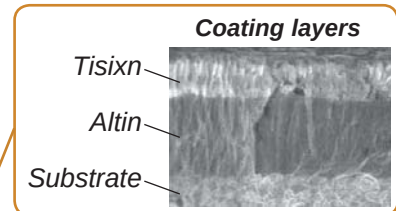
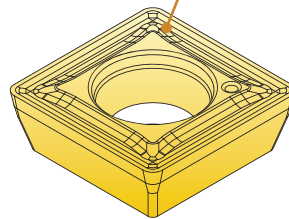
Holder Page : B38~B39

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

