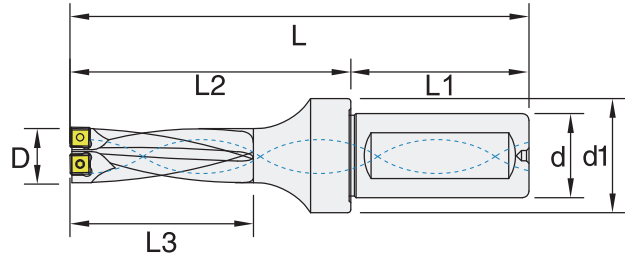


Product Specs

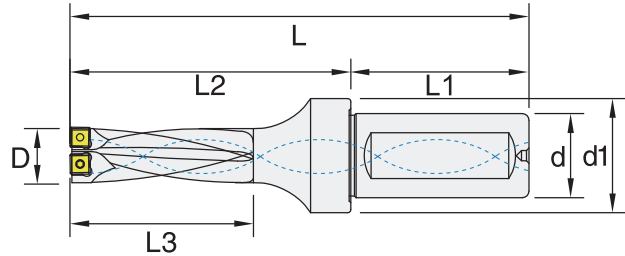
- 3×D Cutting depth
- High durable SDK holder body
- Internal Coolant
- Use with SPMG series inserts
- Indexable Insert with 4 sides cutting edge
- For Alloy Steel, Steel, Stainless Steel and Cast Iron.



Item Code	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDSP1253-20T2-05	12.5	20	25	107	39	57	50	2	SPMG0502...	TS2003	TK06
IDSP1303-20T2-05	13			110	42	60		2			
IDSP1353-20T2-05	13.5			114	45	64		2			
IDSP1403-20T2-05	14			114	45	64		2			
IDSP1453-20T2-05	14.5			114	45	64		2			
IDSP1503-20T2-05	15			114	45	64		2			
IDSP1553-25T2-06	15.5	25	33	124	48	68	56	2	SPMG0602...	TS2202	TK06
IDSP1603-25T2-06	16			127	51	71		2			
IDSP1653-25T2-06	16.5			127	51	71		2			
IDSP1703-25T2-06	17			127	51	71		2			
IDSP1753-25T2-06	17.5			127	51	71		2			
IDSP1803-25T2-06	18			127	51	71		2			
IDSP1853-25T2-06	18.5			127	51	71		2			
IDSP1903-25T2-06	19			127	51	71		2			
IDSP1953-25T2-06	19.5			127	51	71		2			
IDSP2003-25T2-06	20			127	51	71		2			
IDSP2053-25T2-06	20.5			127	51	71		2			
IDSP2103-25T2-06	21			127	51	71		2			
IDSP2153-25T2-06	21.5	127	51	71	2						
IDSP2203-25T2-07	22	32	43	142	63	86	60	2	SPMG07T3...	TS2511	TK08
IDSP2253-32T2-07	22.5			145	66	89		2			
IDSP2303-32T2-07	23			145	66	89		2			
IDSP2353-32T2-07	23.5			145	66	89		2			
IDSP2403-32T2-07	24			145	66	89		2			
IDSP2453-32T2-07	24.5			145	66	89		2			
IDSP2503-32T2-07	25			145	66	89		2			
IDSP2553-32T2-07	25.5			145	66	89		2			
IDSP2603-32T2-07	26			145	66	89		2			
IDSP2653-32T2-07	26.5			145	66	89		2			
IDSP2703-32T2-07	27			145	66	89		2			
IDSP2753-32T2-07	27.5			145	66	89		2			

Product Specs

- 3×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

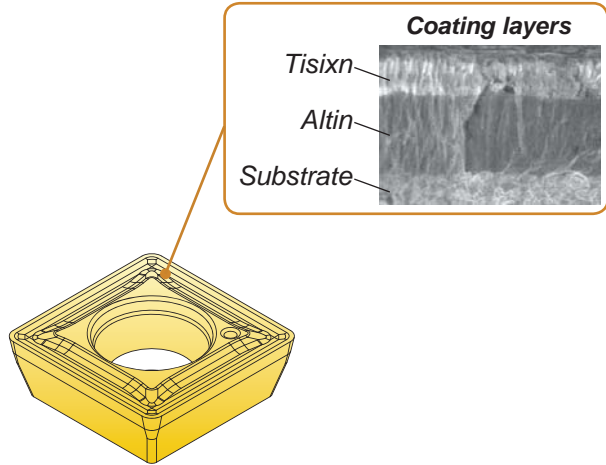
Item Code	Dimensions, mm							Teeth	Insert	Screw	Wrench						
	D	d	d1	L	L3	L2	L1										
IDSP2803-32T2-09	28	32	43	172	84	112	60	2	SPMG0904...	TS3504	TK15						
IDSP2853-32T2-09	28.5			175	87	115		2									
IDSP2903-32T2-09	29			178	90	118		2									
IDSP2953-32T2-09	29.5			181	93	121		2									
IDSP3003-32T2-09	30			184	96	124		2									
IDSP3053-32T2-09	30.5			187	99	127		2									
IDSP3103-32T2-09	31			190	102	130		2									
IDSP3153-32T2-09	31.5			193	105	133		2									
IDSP3203-32T2-09	32			196	108	136		2									
IDSP3253-32T2-09	32.5			199	111	139		2									
IDSP3303-32T2-09	33			202	114	142		2									
IDSP3403-32T2-11	34			205	117	145		2									
IDSP3503-32T2-11	35			225	120	155		2									
IDSP3603-32T2-11	36			228	123	158		2									
IDSP3703-32T2-11	37			40	53	172		84				112	60	2	SPMG1104...	TS4006	TK15
IDSP3803-32T2-11	38					175		87				115		2			
IDSP3903-32T2-11	39	178	90			118	2										
IDSP4003-40T2-11	40	181	93			121	2										
IDSP4103-40T2-11	41	184	96	124	2												

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

