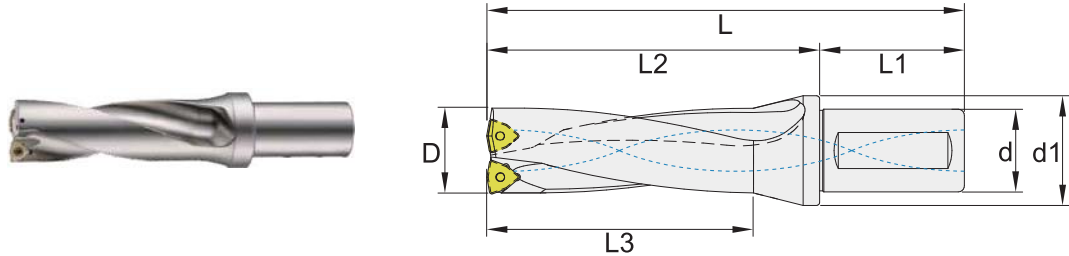


**Product Specs**

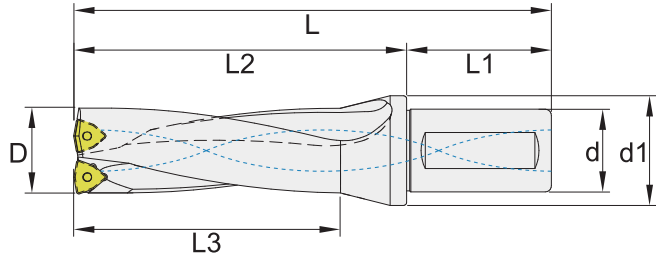
- 3×D Cutting depth
- High durable SDK holder body
- Internal Coolant
- Use with WCMT series inserts
- Indexable Insert with 3 sides cutting edge
- For Alloy Steel, Steel, Stainless Steel and Cast Iron.



Item Code	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDWC1403-25T2-03	14	25	38	128	42	72	56	2	WCMT0302...	TS2502	TK08
IDWC1453-25T2-03	14.5			2							
IDWC1503-25T2-03	15			2							
IDWC1553-25T2-03	15.5			2							
IDWC1603-25T2-03	16			2							
IDWC1653-25T2-03	16.5			2							
IDWC1703-25T2-03	17			2							
IDWC1753-25T2-03	17.5			2							
IDWC1803-25T2-03	18			2							
IDWC1853-25T2-03	18.5			2							
IDWC1903-25T2-03	19			2							
IDWC1953-25T2-03	19.5			2							
IDWC2003-25T2-03	20			2							
IDWC2053-25T2-03	20.5			2							
IDWC2103-25T2-04	21			2							
IDWC2153-25T2-04	21.5	2									
IDWC2203-32T2-04	22	32	43	158	66	98	60	2	WCMT0402...	TS2507	TK08
IDWC2253-32T2-04	22.5			2							
IDWC2303-32T2-04	23			2							
IDWC2353-32T2-04	23.5			2							
IDWC2403-32T2-04	24			2							
IDWC2453-32T2-04	24.5			2							
IDWC2503-32T2-04	25			2							
IDWC2553-32T2-04	25.5			2							
IDWC2603-32T2-05	26			2							
IDWC2703-32T2-05	27			2							
IDWC2803-32T2-05	28			2							
IDWC2903-32T2-05	29			2							
IDWC3003-32T2-05	30			2							
IDWC3053-32T2-06	30.5			2							
IDWC3103-32T2-06	31			2							
IDWC2803-32T2-05	28	2	176	84	116	2	WCMT0503...	TS3007	TK10		
IDWC2903-32T2-05	29	2	179	87	119	2					
IDWC3003-32T2-05	30	2	182	90	122	2					
IDWC3053-32T2-06	30.5	2	182	93	125	2	WCMT06T3...	TS3504	TK15		
IDWC3103-32T2-06	31	2	185	93	125	2					


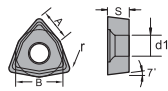




**Product Specs**

- 3×D Cutting depth
- High durable SDK holder body
- Internal Coolant
- Use with WCMT series inserts
- Indexable Insert with 3 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				
IDWC3153-32T2-06	31.5	32	43	185	93	125	60	2	WCMT06T3...	TS3504	
IDWC3203-32T2-06	32			188	96	128		2			
IDWC3253-32T2-06	32.5			188	96	128		2			
IDWC3303-32T2-06	33			191	99	131		2			
IDWC3403-32T2-06	34			194	102	134		2			
IDWC3503-32T2-06	35			197	105	137		2			
IDWC3603-32T2-06	36			200	108	140		2			
IDWC3703-32T2-06	37			203	111	143		2			
IDWC3803-32T2-06	38			206	114	146		2			
IDWC3903-32T2-06	39			209	117	149		2			
IDWC4003-40T2-06	40	40	54	225	120	155	70	2	WCMT0804...	TS4004	TK15
IDWC4103-40T2-06	41			228	123	158		2			
IDWC4203-40T2-08	42			231	126	161		2			
IDWC4303-40T2-08	43			234	129	164		2			
IDWC4403-40T2-08	44			238	132	168		2			
IDWC4503-40T2-08	45			240	135	170		2			
IDWC4603-40T2-08	46			243	138	173		2			
IDWC4703-40T2-08	47			246	141	176		2			
IDWC4803-40T2-08	48			249	144	179		2			
IDWC4903-40T2-08	49			253	147	182		2			
IDWC5003-40T2-08	50	254	150	184	2						
IDWC5103-40T2-08	51	257	153	187	2						
IDWC5203-40T2-08	52	260	156	190	2						
IDWC5303-40T2-08	53	263	159	193	2						
IDWC5403-40T2-08	54	266	162	196	2						
IDWC5503-40T2-08	55	270	165	200	2						
IDWC5603-40T2-08	56	58	273	168	203	2					
IDWC5703-40T2-08	57	276	171	205	2						
IDWC5803-40T2-08	58	59	279	174	209	2					
IDWC5903-40T2-08	59	282	177	212	2						
IDWC6003-40T2-08	60	63	285	180	215	2					

Inserts	Designation	Grade					Dimensions (mm)						Drawing
		CX21NS	CX31NA	CX31NS	CX41NS	CX41NA	A	B	S	r	d1	t1	
	WCMT 030208-MM			✓	✓		3.8	5.56	2.38	0.8	2.8	-	
	WCMT 040208-MM			✓	✓		4.3	6.35	2.38	0.8	3.0	-	
	WCMT 050308-MM			✓	✓		5.4	7.94	3.18	0.8	3.4	-	
	WCMT 06T308-MM			✓	✓		6.5	9.53	3.97	0.8	4.0	-	
	WCMT 080412-MM			✓	✓		8.7	12.7	4.76	1.2	4.3	-	

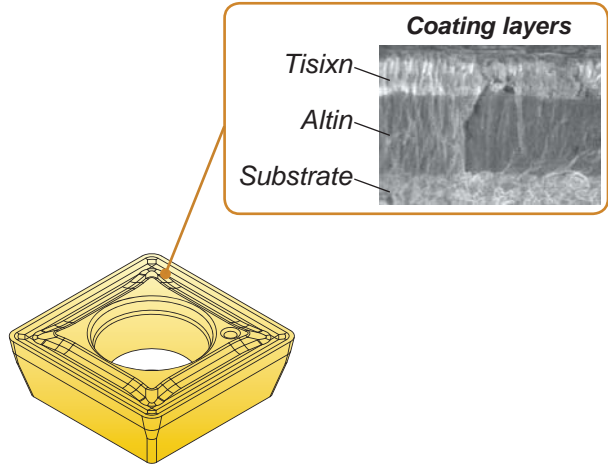
Holder Page : B38~B39

# 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

