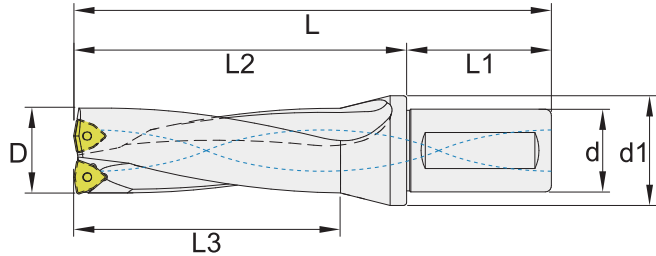

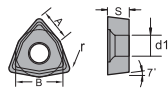






Product Specs

- 5×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				
IDWC1605-25T2-03	16	25	38	166	80	110	56	2	WCMT0302...	TS2507	TK08
IDWC1705-25T2-03	17	25	38	171	85	115	56	2			
IDWC1805-25T2-03	18	25	38	176	90	120	56	2			
IDWC1905-25T2-03	19	25	38	181	95	125	56	2			
IDWC2005-25T2-03	20	25	38	186	100	130	56	2			
IDWC2105-25T2-03	21	25	38	191	105	135	56	2			
IDWC2205-25T2-03	22	25	38	196	110	140	56	2			
IDWC2305-32T2-04	23	32	43	207	115	147	60	2	WCMT0402...	TS2507	TK08
IDWC2405-32T2-04	24	32	43	212	120	152	60	2			
IDWC2505-32T2-04	25	32	43	217	125	157	60	2			
IDWC2605-32T2-05	26	32	43	222	130	162	60	2	WCMT0503...	TS3007	TK10
IDWC2705-32T2-05	27	32	43	227	135	167	60	2			
IDWC2805-32T2-05	28	32	43	232	140	172	60	2			
IDWC2905-32T2-05	29	32	43	237	145	177	60	2			
IDWC3005-32T2-05	30	32	43	242	150	182	60	2			
IDWC3105-32T2-06	31	32	43	247	155	187	60	2	WCMT06T3...	TS3504	TK15
IDWC3205-32T2-06	32	32	43	252	160	192	60	2			
IDWC3305-32T2-06	33	32	43	257	165	197	60	2			
IDWC3405-32T2-06	34	32	43	262	170	202	60	2			
IDWC3505-32T2-06	35	32	43	267	175	207	60	2			
IDWC3605-32T2-06	36	32	43	272	180	212	60	2			
IDWC4405-40T2-08	44	40	54	326	220	256	70	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	-	

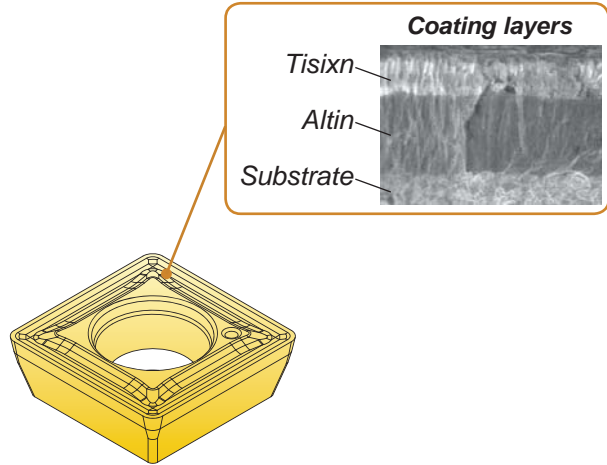
Holder Page : B38-B39

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

