

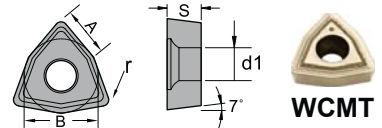


Features

- WCMT series inserts
- Optimized flute design
- Internal coolant
- Better tool life
- Self-Produced inserts
- Diameter 14-60 mm
- 使用 WCMT 系列刀片
- 排屑設計優化
- 內冷孔設計
- 良好刀具壽命
- 刀片全程自產，提供您最佳性價比
- 孔徑加工範圍 :14-60mm

Insert Specifications

Insert	Dimensions (mm)				
	A	B	S	r	d1
WCMT030208	3.8	5.56	2.38	0.8	2.8
WCMT040208	4.3	6.35	2.38	0.8	3.0
WCMT050308	5.4	7.94	3.18	0.8	3.4
WCMT06T308	6.5	9.53	3.97	0.8	4.0
WCMT080412	8.7	12.7	4.76	1.2	4.3



Insert Geometry

Shape	Chipbreaker	Application
	MM	<p>Low cutting force for medium cutting in steel, stainless and cast iron.</p> <p>低切削阻力的刀口設計，適用於鋼件、不鏽鋼和鑄鐵的中加工應用</p>

Insert Grade

Grade Type	Machining Application	Industry area
CX32HS (CX31NS)	<ul style="list-style-type: none"> • Medium machining • For carbon steel, alloy steel and stainless steel • 適用於中加工 • 適合碳鋼，合金鋼和不鏽鋼銑削 	<ul style="list-style-type: none"> • Auto parts • Machinery parts • 汽車零件 • 機械零件
CX43TS	<ul style="list-style-type: none"> • Roughing or interrupted machining • For carbon steel, alloy steel, stainless steel and superalloy. • 適用於粗加工或斷續加工 • 適合碳鋼，合金鋼，不鏽鋼及高溫合金銑削 	<ul style="list-style-type: none"> • Auto parts • Machinery parts • Aircraft parts • 汽車零件 • 機械零件 • 航太零件

※ Different grades for various applications are available to select, please contact us for more information.
 針對不同的加工應用，本公司提供不同的材質等級供選擇。如果您有需要，請與我們連繫。

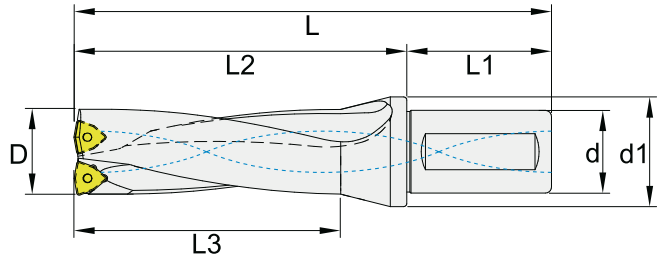
■ Insert Order Code

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	IWCMT030208MM31NS	WCMT030208-MM-CX31NS	●	○	●		○	○
	IWCMT030208MM32HS	WCMT030208-MM-CX32HS	●	●	●		○	○
	IWCMT030208MM43TS	WCMT030208-MM-CX43TS	●	●	●		●	
	IWCMT040208MM31NS	WCMT040208-MM-CX31NS	●	○	●		○	○
	IWCMT040208MM32HS	WCMT040208-MM-CX32HS	●	●	●		○	○
	IWCMT040208MM43TS	WCMT040208-MM-CX43TS	●	●	●		●	
	IWCMT050308MM31NS	WCMT050308-MM-CX31NS	●	○	●		○	○
	IWCMT050308MM32HS	WCMT050308-MM-CX32HS	●	●	●		○	○
	IWCMT050308MM43TS	WCMT050308-MM-CX43TS	●	●	●		●	
	IWCMT06T308MM31NS	WCMT06T308-MM-CX31NS	●	○	●		○	○
	IWCMT06T308MM32HS	WCMT06T308-MM-CX32HS	●	●	●		○	○
	IWCMT06T308MM43TS	WCMT06T308-MM-CX43TS	●	●	●		●	
	IWCMT080412MM31NS	WCMT080412-MM-CX31NS	●	○	●		○	○
	IWCMT080412MM32HS	WCMT080412-MM-CX32HS	●	●	●		○	○
	IWCMT080412MM43TS	WCMT080412-MM-CX43TS	●	●	●		●	

Indexable Drills

Product Specs

- 2×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.

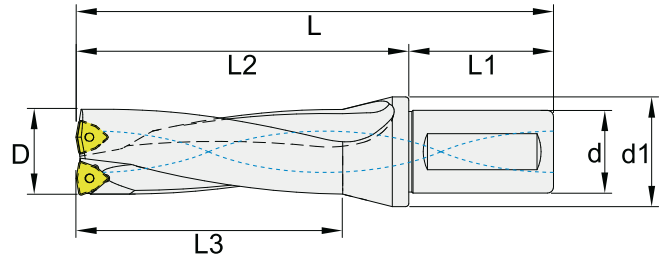


Order No. 訂購編碼	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDWC140225T203	14	25	38	114	28	58	56	2	WCMT0302...	ITS2502	ITK08
IDWC145225T203	14.5							2			
IDWC150225T203	15							2			
IDWC155225T203	15.5							2			
IDWC160225T203	16							2			
IDWC165225T203	16.5							2			
IDWC170225T203	17							2			
IDWC175225T203	17.5							2			
IDWC180225T203	18							2			
IDWC185225T203	18.5							2			
IDWC190225T203	19							2			
IDWC195225T203	19.5							2			
IDWC200225T203	20							2			
IDWC205225T203	20.5							2			
IDWC210225T204	21	2									
IDWC215225T204	21.5	2									
IDWC220232T204	22	32	43	136	44	76	60	2	WCMT0402...	ITS2507	ITK08
IDWC225232T204	22.5							2			
IDWC230232T204	23							2			
IDWC235232T204	23.5							2			
IDWC240232T204	24							2			
IDWC245232T204	24.5							2			
IDWC250232T204	25							2			
IDWC255232T204	25.5							2			
IDWC260232T205	26							2			
IDWC270232T205	27							2			
IDWC280232T205	28							2			
IDWC290232T205	29							2			
IDWC300232T205	30							2			
IDWC260232T205	26							32			
IDWC270232T205	27	2									
IDWC280232T205	28	2									
IDWC290232T205	29	2									
IDWC300232T205	30	2									
IDWC300232T205	30	2									

Cutting conditions (切削條件數據表) : Page IB034

Product Specs

- 2xD 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.



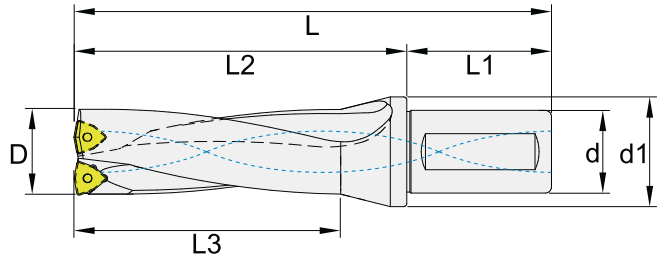
Order No. 訂購編碼	Dimensions, mm							Teeth	Insert	Screw	Wrench	
	D	d	d1	L	L3	L2	L1					
IDWC310232T206	31	32	43	154	62	94	60	2	WCMT06T3...	ITS3504		
IDWC320232T206	32			156	64	96		2				
IDWC330232T206	33			159	66	99		2				
IDWC340232T206	34			160	68	100		2				
IDWC350232T206	35			162	70	102		2				
IDWC360232T206	36			164	72	104		2				
IDWC370232T206	37			166	74	106		2				
IDWC380232T206	38			168	76	106		2				
IDWC390232T206	39			170	78	110		2				
IDWC400240T206	40	40	54	185	80	115	70	2	WCMT0804...	ITS4004	ITK15	
IDWC410240T206	41			187	82	117		2				
IDWC420240T208	42			189	84	119		2				
IDWC430240T208	43			191	86	121		2				
IDWC440240T208	44			194	88	124		2				
IDWC450240T208	45			195	90	125		2				
IDWC460240T208	46			197	92	127		2				
IDWC470240T208	47			199	94	129		2				
IDWC480240T208	48			201	96	131		2				
IDWC490240T208	49			202	98	132		2				
IDWC500240T208	50			204	100	134		2				
IDWC510240T208	51			206	102	136		2				
IDWC520240T208	52			208	104	138		2				
IDWC530240T208	53			210	106	140		2				
IDWC540240T208	54			212	108	142		2				
IDWC550240T208	55			58	215	110		145				2
IDWC560240T208	56				217	112		147				2
IDWC570240T208	57			59	219	114		149				2
IDWC580240T208	58	221	116		151	2						
IDWC590240T208	59	223	118		153	2						
IDWC600240T208	60	63	225	120	155							

Cutting conditions (切削條件數據表) : Page IB034

Indexable Drills

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.

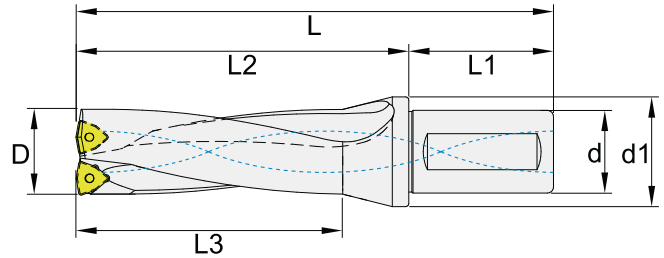


Order No. 訂購編碼	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDWC140325T203	14	25	38	128	42	72	56	2	WCMT0302...	ITS2502	ITK08
IDWC145325T203	14.5							2			
IDWC150325T203	15							2			
IDWC155325T203	15.5							2			
IDWC160325T203	16							2			
IDWC165325T203	16.5							2			
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IDWC185325T203	18.5			2							
IDWC190325T203	19			2							
IDWC195325T203	19.5			2							
IDWC200325T203	20			2							
IDWC205325T203	20.5			2							
IDWC210325T204	21	2									
IDWC215325T204	21.5	2									
IDWC220332T204	22	32	43	158	66	98	60	2	WCMT0402...	ITS2507	ITK10
IDWC225332T204	22.5							2			
IDWC230332T204	23							2			
IDWC235332T204	23.5							2			
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IDWC260332T205	26			2							
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IDWC280332T205	28			2							
IDWC290332T205	29			2							
IDWC300332T205	30			2							
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IDWC315332T206	31.5	2									
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IDWC325332T206	32.5	2									
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IDWC335332T206	33.5	2									
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IDWC980332T206	98	2									
IDWC985332T206	98.5	2									
IDWC990332T206	99	2									
IDWC995332T206	99.5	2									
IDWC1000332T206	100	2									

Cutting conditions (切削條件數據表) : Page IB034

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.



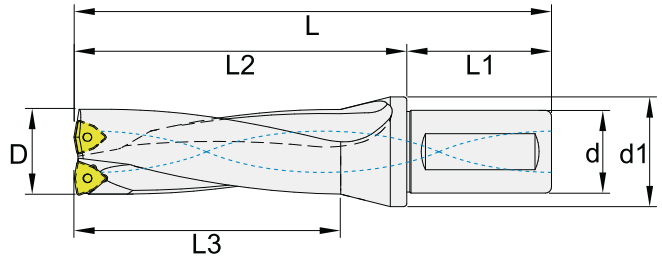
Order No. 訂購編碼	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDWC315332T206	31.5	32	43	185	93	125	60	2	WCMT06T3...	ITS3504	
IDWC320332T206	32			188	96	128		2			
IDWC325332T206	32.5			188	96	128		2			
IDWC330332T206	33			191	99	131		2			
IDWC340332T206	34			194	102	134		2			
IDWC350332T206	35			197	105	137		2			
IDWC360332T206	36			200	108	140		2			
IDWC370332T206	37			203	111	143		2			
IDWC380332T206	38			206	114	146		2			
IDWC390332T206	39			209	117	149		2			
IDWC400340T206	40	40	54	225	120	155	70	2	WCMT0804...	ITS4004	ITK15
IDWC410340T206	41			228	123	158		2			
IDWC420340T208	42			231	126	161		2			
IDWC430340T208	43			234	129	164		2			
IDWC440340T208	44			238	132	168		2			
IDWC450340T208	45			240	135	170		2			
IDWC460340T208	46			243	138	173		2			
IDWC470340T208	47			246	141	176		2			
IDWC480340T208	48			249	144	179		2			
IDWC490340T208	49			253	147	182		2			
IDWC500340T208	50		254	150	184	2					
IDWC510340T208	51		257	153	187	2					
IDWC520340T208	52		260	156	190	2					
IDWC530340T208	53		263	159	193	2					
IDWC540340T208	54		266	162	196	2					
IDWC550340T208	55		270	165	200	2					
IDWC560340T208	56		58	273	168	203		2			
IDWC570340T208	57			276	171	205		2			
IDWC580340T208	58		59	279	174	209		2			
IDWC590340T208	59			282	177	212		2			
IDWC600340T208	60	63	285	180	215	2					

Cutting conditions (切削條件數據表) : Page IB034

Indexable Drills

Product Specs

- 4xD 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.

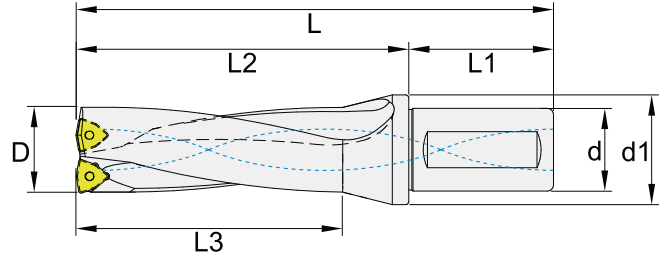


Order No. 訂購編碼	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDWC140425T203	14	25	38	142	56	86	56	2	WCMT0302...	ITS2502	ITK08
IDWC150425T203	15			146	60	90		2			
IDWC160425T203	16			150	64	94		2			
IDWC170425T203	17			154	68	98		2			
IDWC180425T203	18			158	72	102		2			
IDWC190425T203	19			162	76	106		2			
IDWC200425T203	20			166	80	110		2			
IDWC210425T204	21			170	84	114		2			
IDWC220432T204	22	32	43	180	88	120	60	2	WCMT0402...	ITS2507	ITK10
IDWC230432T204	23			184	92	124		2			
IDWC240432T204	24			188	96	128		2			
IDWC250432T204	25			192	100	132		2			
IDWC260432T205	26			196	104	136		2			
IDWC270432T205	27			200	108	140		2			
IDWC280432T205	28			204	112	144		2			
IDWC290432T205	29			208	116	148		2			
IDWC300432T205	30	40	54	212	120	152	70	2	WCMT0503...	ITS3007	ITK15
IDWC310432T206	31			216	124	156		2			
IDWC320432T206	32			220	128	160		2			
IDWC330432T206	33			224	132	164		2			
IDWC340432T206	34			228	136	168		2			
IDWC350432T206	35			232	140	172		2			
IDWC360432T206	36			236	144	176		2			
IDWC370432T206	37			240	148	180		2			
IDWC380432T206	38	40	54	244	152	184	70	2	WCMT06T3...	ITS3504	ITK15
IDWC390432T206	39			248	156	188		2			
IDWC400440T206	40			265	160	195		2			
IDWC410440T206	41	269	164	199	2						

Cutting conditions (切削條件數據表) : Page IB034

Product Specs

- 4xD 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.



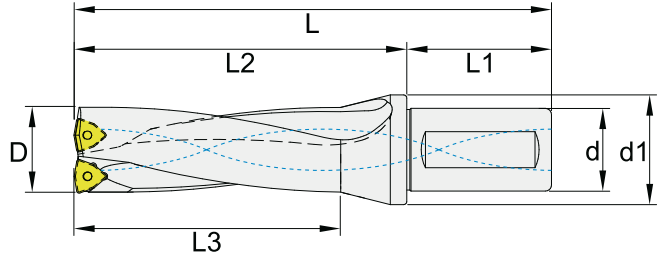
Order No. 訂購編碼	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDWC420440T208	42	40	54	273	168	203	70	2	WCMT0804...	ITS4004	ITK15
IDWC430440T208	43			277	172	207					
IDWC440440T208	44			282	176	212					
IDWC450440T208	45			285	180	215					
IDWC460440T208	46			289	184	219					
IDWC470440T208	47			293	188	223					
IDWC480440T208	48			297	192	227					
IDWC490440T208	49			301	196	231					
IDWC500440T208	50			305	200	235					
IDWC510440T208	51			309	204	239					
IDWC520440T208	52			313	208	243					
IDWC530440T208	53			317	212	247					
IDWC540440T208	54			320	216	250					
IDWC550440T208	55			325	220	255					
IDWC560440T208	56		58	329	224	259		2			
IDWC570440T208	57			333	228	263		2			
IDWC580440T208	58		59	337	232	267		2			
IDWC590440T208	59			341	236	271		2			
IDWC600440T208	60		63	345	240	275		2			

Cutting conditions (切削條件數據表) : Page IB034

Indexable Drills

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.



Order No. 訂購編碼	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDWC160525T203	16	25	38	166	80	110	56	2	WCMT0302...	ITS2507	ITK08
IDWC170525T203	17	25	38	171	85	115	56	2			
IDWC180525T203	18	25	38	176	90	120	56	2			
IDWC190525T203	19	25	38	181	95	125	56	2			
IDWC200525T203	20	25	38	186	100	130	56	2			
IDWC210525T203	21	25	38	191	105	135	56	2			
IDWC220525T203	22	25	38	196	110	140	56	2			
IDWC230532T204	23	32	43	207	115	147	60	2	WCMT0402...	ITS2507	ITK08
IDWC240532T204	24	32	43	212	120	152	60	2			
IDWC250532T204	25	32	43	217	125	157	60	2			
IDWC260532T205	26	32	43	222	130	162	60	2	WCMT0503...	ITS3007	ITK10
IDWC270532T205	27	32	43	227	135	167	60	2			
IDWC280532T205	28	32	43	232	140	172	60	2			
IDWC290532T205	29	32	43	237	145	177	60	2			
IDWC300532T205	30	32	43	242	150	182	60	2			
IDWC310532T206	31	32	43	247	155	187	60	2	WCMT06T3...	ITS3504	ITK15
IDWC320532T206	32	32	43	252	160	192	60	2			
IDWC330532T206	33	32	43	257	165	197	60	2			
IDWC340532T206	34	32	43	262	170	202	60	2			
IDWC350532T206	35	32	43	267	175	207	60	2			
IDWC360532T206	36	32	43	272	180	212	60	2			
IDWC440540T208	44	40	54	326	220	256	70	2			

Cutting conditions (切削條件數據表) : Page IB034

DWC Series (2×D, 3×D)

Work Material	Hardness	Vc (m/min)	Feed Rate (mm/rev)					
			WCMT03 Ø14-Ø20.5	WCMT04 Ø22-Ø25.5	WCMT05 Ø26-Ø30	WCMT06 Ø31-Ø39	WCMT08 Ø40-Ø60	
P	Mild Steel	(<180HB)	110~220	0.06~0.09	0.06~0.11	0.07~0.13	0.08~0.18	0.10~0.25
	Carbon Steel	(180~280HB)	90~140	0.06~0.09	0.06~0.11	0.07~0.13	0.08~0.18	0.10~0.25
	Alloy Steel	(280~350HB)	70~120	0.05~0.07	0.05~0.09	0.06~0.11	0.07~0.14	0.08~0.17
M	Stainless Steel	(<200HB)	60~140	0.05~0.09	0.05~0.10	0.06~0.13	0.07~0.15	0.08~0.18
K	Cast Iron	(<350Mpa)	110~260	0.07~0.11	0.07~0.13	0.08~0.15	0.09~0.18	0.11~0.22
	Ductile Cast Iron	(<450Mpa)	90~120	0.06~0.10	0.06~0.12	0.07~0.14	0.08~0.16	0.10~0.20
N	Aluminum <12% Si	-	200~360	0.06~0.11	0.08~0.13	0.09~0.15	0.11~0.18	0.12~0.25
	Aluminum >12% Si	-	150~250	0.06~0.11	0.08~0.13	0.09~0.15	0.11~0.18	0.12~0.25
S	Heat Resistant Alloy	-	25~50	0.03~0.05	0.03~0.06	0.04~0.08	0.05~0.10	0.06~0.12
H	Hardened Material	-	-	-	-	-	-	-

Apply for 4×D reduce 10%, 5×D reduce 15%.