

J

Rapid Drill

Rapid Drill Identification System **290**

SPGX Series

SPGX2D 293

SPGX3D 295

SPGX4D 297

WDXT Series

EDX2D 298

EDX3D 299

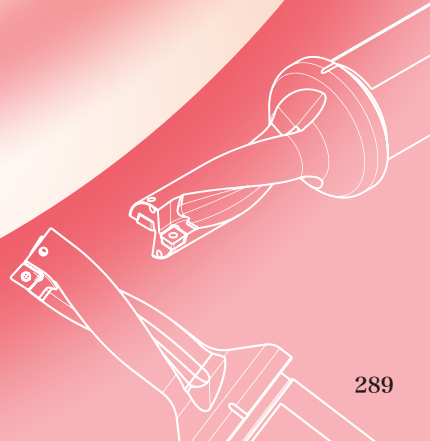
EDX4D 300

WCMX Series

WCMX2D 303

WCMX3D 304

WCMX4D 306



Rapid Drill Identification System

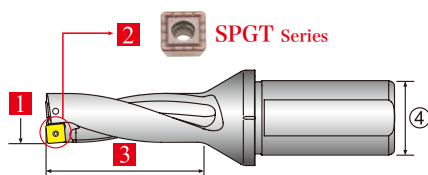
12.5 SPGX - 3D - 25


- 1 Ø12.5mm
- 2 Rapid drill series
- 3 Maximum depth
- 4 Shank diameter

2 Insert model No

Rapid Drill Series	SPGX series fig1
	EDX series fig3
	WCMX series fig2

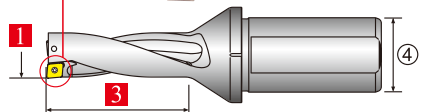
fig1.SPGX series






SPGT Series

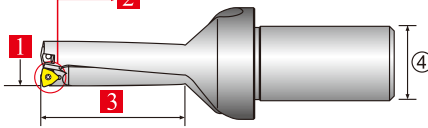
fig2.EDX series






EDX Series

fig3. WCMX series





WCMX Series

3 Maximum depth

Sign	Description(mm)
2D	2XDimension
3D	3XDimension
4D	4XDimension

4 Shank diameter

Shank diameter(mm)
Ø 25
Ø 32
Ø 40

Rapid Drill Identification System

SPGT

EDX

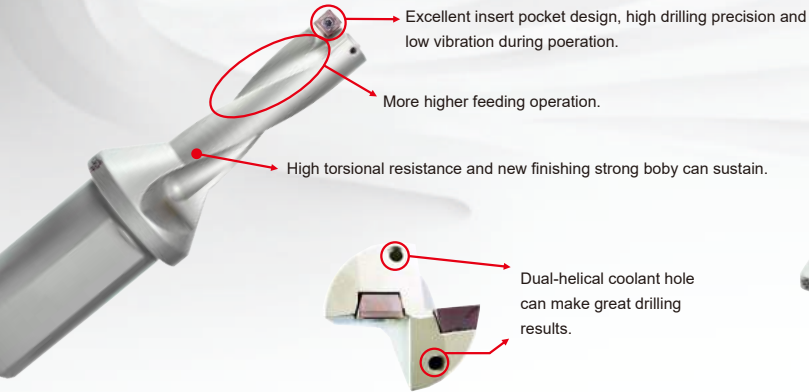
WCMX

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RAPID DRILL

SPGX series

Tool Design Feature

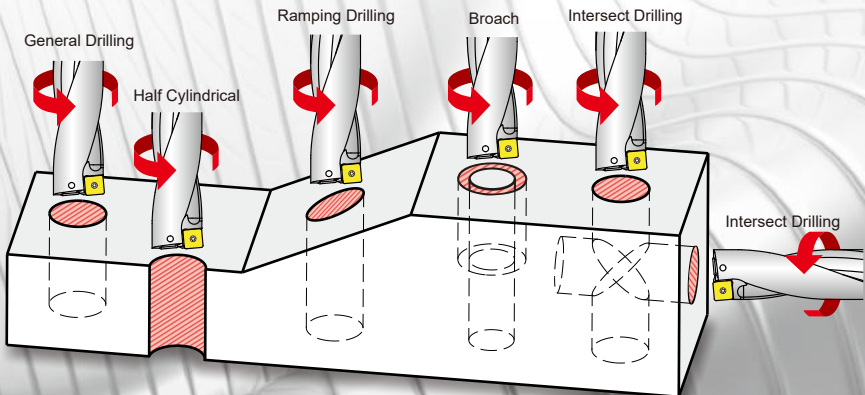


Insert Feature



TiAlN coating with high temperature resistant elements.
Treatment technology of special coating, the coating is more firmly bonded to the substrate
Thin PVD coating make cutting edge sharp.
High hardness and high toughness.
High surface finishing.

Application

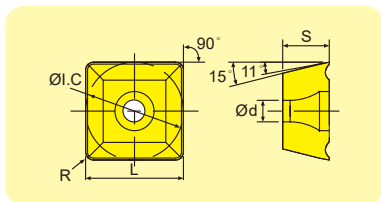


Recommended Cutting Condition

Workpiece		VC Cutting Speed	Feed(aspect ratio=3D)(m/rev)depending on drill Dia.				
		(m/min)	12-16mm	17-23mm	24-29mm	30-42mm	43-60mm
P Steel	Carbon Steel	60-150-180	0.04~0.08	0.04~0.08	0.04~0.08	0.04~0.08	0.04~0.08
		130-190-250					
		80-140-250	0.04~0.10	0.04~0.12	0.05~0.16	0.08~0.18	0.10~0.22
	Alloy Steel	60-150-180	0.06~0.12	0.04~0.10	0.04~0.12	0.04~0.14	0.04~0.14
		90-150-200					
		50-100-150	0.04~0.10	0.06~0.12	0.08~0.16	0.08~0.18	0.08~0.22
		50-100-160	0.04~0.18	0.06~0.12	0.08~0.18	0.08~0.18	0.08~0.22
	30-70-120	0.04~0.12	0.06~0.14	0.08~0.17	0.08~0.17	0.08~0.20	
M Stainless steel	40-90-150	0.04~0.10	0.04~0.12	0.04~0.12	0.04~0.12	0.04~0.12	
				0.06~0.14	0.06~0.16	0.06~0.20	
	60-100-160	0.04~0.10	0.04~0.12	0.04~0.12	0.04~0.12	0.04~0.12	
				0.06~0.14	0.06~0.14	0.06~0.14	
K Cast	150-190-250	0.04~0.10	0.05~0.14	0.06~0.18	0.10~0.22	0.10~0.26	
	100-150-200						0.04~0.12

● (V=m/min) (Min. - Optimum - Max.) ● (N)=[1000 x (V)] ÷ [3.14 x (D)] ● (F)=[(ft) x (Z) x (N)]

SPMT 90 Insert For Drilling




● Standard Stocks

◆ Grade Ref. Page-D

◆ Cutting condition Ref. Page-D

◆ Chipbreaker Ref. Page-F-H

Carbide Coated

Shape	Model No	R	L	I.C	S	d	Carbide Coated											
							P	M	K	P	M	K						
 RO Medium RAPID DRILL	SPMT050204-GO	0.4	5	5	2.38	2.2												
	SPMT060204-GO	0.4	6	6	2.38	2.6												
	SPMT07T308-GO	0.8	7.94	7.94	3.97	2.8												
	SPMT090408-GO	0.8	9.8	9.8	4.3	4.2												
	SPMT110408-GO	0.8	11.5	11.5	4.76	4.4												
	SPMT140512-GO	1.2	14.3	14.3	5.2	5.75												

SPMT 90 degree insert

SPGT



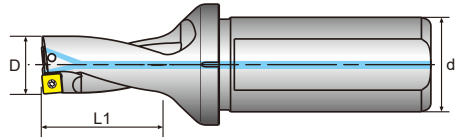
EDX



WCMX





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SPGX2D SPGX2D Indexable Rapid Drill



Model No	Stock	D	L1 (Dx2)	d	Insert	Screw	Wrench	Price
12.5SPGX-2D-25		12.5	37.5	25	SP□□0502	CS20	T-6	
13SPGX-2D-25		13	39	25				
13.5SPGX-2D-25		13.5	40.5	25				
14SPGX-2D-25		14	42	25				
14.5SPGX-2D-25		14.5	43.5	25				
15SPGX-2D-25		15	45	25				
15.5SPGX-2D-25		15.5	46.5	25				
16SPGX-2D-25		16	48	25	SP□□0602	CS22	T-7	
16.5SPGX-2D-25		16.5	49.5	25				
17SPGX-2D-25		17	51	25				
17.5SPGX-2D-25		17.5	52.5	25				
18SPGX-2D-25		18	54	25				
19SPGX-2D-25		19	57	25				
20SPGX-2D-32		20	60	32				SP□□07T3
21SPGX-2D-32		21	63	32				
22SPGX-2D-32		22	66	32				
23SPGX-2D-32		23	69	32				
24SPGX-2D-32		24	72	32				
25SPGX-2D-32		25	75	32				
26SPGX-2D-32		26	78	32	SP□□0904	CS35	T-15	
27SPGX-2D-32		27	81	32				
28SPGX-2D-32		28	84	32				
29SPGX-2D-32		29	87	32				
30SPGX-2D-32		30	90	32				
31SPGX-2D-32		31	93	32				
32SPGX-2D-32		32	96	32				SP□□1104
33SPGX-2D-32		33	99	32				
34SPGX-2D-32		34	102	32				

※ Continued on next page.

Model No	Stock	D	L1 (Dx2)	d	Insert 	Screw 	Wrench 	Price
35SPGX-2D-32		35	105	32	SP□□1104	CS40	T-15	
36SPGX-2D-32		36	108	32				
37SPGX-2D-32		37	111	32				
38SPGX-2D-32		38	114	32				
39SPGX-2D-32		39	117	32				
40SPGX-2D-32		40	120	32				
41SPGX-2D-32		41	123	32	SP□□1405	CS45		
42SPGX-2D-32		42	126	32				
43SPGX-2D-40		43	129	40				
44SPGX-2D-40		44	132	40				
45SPGX-2D-40		45	135	40				
46SPGX-2D-40		46	138	40				
47SPGX-2D-40		47	141	40				
48SPGX-2D-40		48	144	40				
49SPGX-2D-40		49	147	40				
50SPGX-2D-40		50	150	40				

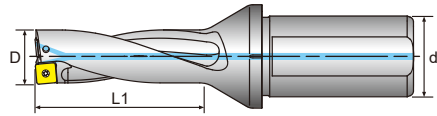
●Insert Detail : SP□□0502□□、SP□□0602□□、SP□□07T3□□、SP□□0904□□、SP□□1104□□、SP□□1405□□→Ref.Page-Z、292

SPGT-Insert-Stock

- SPGT 
- EDX 
- WCMX 

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SPGX3D SPGX3D Indexable Rapid Drill



Model No	Stock	D	L1 (Dx3)	d	Insert	Screw	Wrench	Price
12.5SPGX-3D-25	●	12.5	37.5	25	SP□□0502	CS20	T-6	
13SPGX-3D-25	●	13	39	25				
13.5SPGX-3D-25	●	13.5	40.5	25				
14SPGX-3D-25	●	14	42	25				
14.5SPGX-3D-25	●	14.5	43.5	25				
15SPGX-3D-25	●	15	45	25				
15.5SPGX-3D-25	●	15.5	46.5	25				
16SPGX-3D-25	●	16	48	25	SP□□0602	CS22	T-7	
16.5SPGX-3D-25	●	16.5	49.5	25				
17SPGX-3D-25	●	17	51	25				
17.5SPGX-3D-25	●	17.5	52.5	25				
18SPGX-3D-25	●	18	54	25				
19SPGX-3D-25	●	19	57	25	SP□□07T3	CS25	T-8	
20SPGX-3D-32	●	20	60	32				
21SPGX-3D-32	●	21	63	32				
22SPGX-3D-32	●	22	66	32				
23SPGX-3D-32	●	23	69	32				
24SPGX-3D-32	●	24	72	32				
25SPGX-3D-32	●	25	75	32				
26SPGX-3D-32	●	26	78	32	SP□□0904	CS35	T-15	
27SPGX-3D-32	●	27	81	32				
28SPGX-3D-32	●	28	84	32				
29SPGX-3D-32	●	29	87	32				
30SPGX-3D-32	●	30	90	32				
31SPGX-3D-32	●	31	93	32				
32SPGX-3D-32	●	32	96	32				
33SPGX-3D-32	●	33	99	32	SP□□1104	CS40		
34SPGX-3D-32	●	34	102	32				

※ Continued on next page.

SPGX3D Indexable Rapid Drill

SPGT






EDX



WCMX



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Model No	Stock	D	L1 (Dx3)	d	Insert 	Screw 	Wrench 	Price		
35SPGX-3D-32	●	35	105	32	SP□□1104	CS40	T-15			
36SPGX-3D-32	●	36	108	32						
37SPGX-3D-32	●	37	111	32						
38SPGX-3D-32	●	38	114	32						
39SPGX-3D-32	●	39	117	32						
40SPGX-3D-32	●	40	120	32						
41SPGX-3D-32	●	41	123	32	SP□□1405	CS45				
42SPGX-3D-32	●	42	126	32						
43SPGX-3D-40	●	43	129	40						
44SPGX-3D-40	●	44	132	40						
45SPGX-3D-40	●	45	135	40						
46SPGX-3D-40	●	46	138	40						
47SPGX-3D-40	●	47	141	40						
48SPGX-3D-40	●	48	144	40						
49SPGX-3D-40	●	49	147	40						
50SPGX-3D-40	●	50	150	40						

● Insert Detail : SP□□0502□□、SP□□0602□□、SP□□07T3□□、SP□□0904□□、SP□□1104□□、
 SP□□1405□□→Ref.Page-Z、292

SPGT


EDX

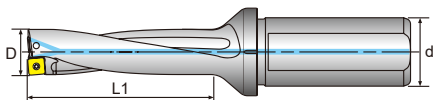


WCMX


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SPGX4D SPGX4D Indexable Rapid Drill



Model No	Stock	D	L1 (Dx4)	d	Insert	Screw	Wrench	Price
13SPGX-4D-25	●	13	52	25	SP□□0502	CS20	T-6	
13.5SPGX-4D-25	●	13.5	54	25				
14SPGX-4D-25	●	14	56	25				
14.5SPGX-4D-25	●	14.5	58	25				
15SPGX-4D-25	●	15	60	25				
15.5SPGX-4D-25	●	15.5	62	25	SP□□0602	CS22	T-7	
16SPGX-4D-25	●	16	64	25				
16.5SPGX-4D-25	●	16.5	66	25				
17SPGX-4D-25	●	17	68	25				
17.5SPGX-4D-25	●	17.5	70	25				
18SPGX-4D-25	●	18	72	25	SP□□07T3	CS25	T-8	
19SPGX-4D-25	●	19	76	25				
20SPGX-4D-32	●	20	80	32				
21SPGX-4D-32	●	21	84	32				
22SPGX-4D-32	●	22	88	32				
23SPGX-4D-32	●	23	92	32	SP□□0904	CS35	T-15	
24SPGX-4D-32	●	24	96	32				
25SPGX-4D-32	●	25	100	32				
26SPGX-4D-32	●	26	104	32				
27SPGX-4D-32	●	27	108	32				
28SPGX-4D-32	●	28	112	32	SP□□1104	CS40	T-15	
29SPGX-4D-32	●	29	116	32				
30SPGX-4D-32	●	30	120	32				
31SPGX-4D-32	●	31	124	32				
32SPGX-4D-32	●	32	128	32				
33SPGX-4D-32	●	33	132	32	SP□□1405	CS40	T-15	
34SPGX-4D-32	●	34	136	32				
35SPGX-4D-32	●	35	140	32				
36SPGX-4D-32	●	36	144	32				
37SPGX-4D-32	●	37	148	32				
38SPGX-4D-32	●	38	152	32	SP□□1405	CS40	T-15	
39SPGX-4D-32	●	39	156	32				
40SPGX-4D-32	●	40	160	32				

●Insert Detail : SP□□0502□□、SP□□0602□□、SP□□07T3□□、SP□□0904□□、SP□□1104□□、
SP□□1405□□→Ref.Page-Z、292

SPGX4D Indexable Rapid Drill

SPGT



EDX

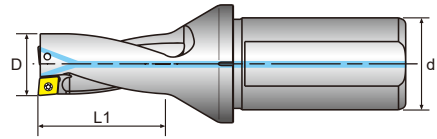





WCMX



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RAPID DRILL

EDX2D EDX2D Indexable Rapid Drill


Model No	Stock	D	L1 (Dx2)	d	Insert 	Screw 	Wrench 	Price
13EDX-2D-25	●	13	26	25	WD□□042004	CS18		
13.5EDX-2D-25	●	13.5	27	25				
14EDX-2D-25	●	14	28	25				
14.5EDX-2D-25	●	14.5	29	25				
15EDX-2D-25	●	15	30	25	WD□□052504	CS20	T-6	
15.5EDX-2D-25		15.5	31	25				
16EDX-2D-25		16	32	25				
16.5EDX-2D-25		16.5	33	25				
17EDX-2D-25		17	34	25				
17.5EDX-2D-25		17.5	35	25				
18EDX-2D-25		18	36	25	WD□□063006	CS22	T-7	
19EDX-2D-25		19	38	25				

EDX2D Indexable Rapid Drill

SPGT


EDX

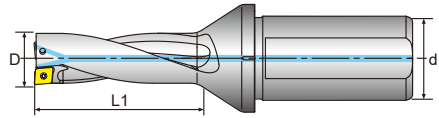

WCMX





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RAPID DRILL

EDX3D EDX3D Indexable Rapid Drill

 New Specification Arrival



Model No	Stock	D	L1 (Dx3)	d	Insert 	Screw 	Wrench 	Price
12.5EDX-3D-25	●	12.5	37.5	25	WD□□042004	CS18	T-6	
13EDX-3D-25	●	13	39	25				
13.5EDX-3D-25	●	13.5	40.5	25				
14EDX-3D-25	●	14	42	25				
14.5EDX-3D-25	●	14.5	43.5	25				
15EDX-3D-25	●	15	45	25	WD□□052504	CS20	T-6	
15.5EDX-3D-25	●	15.5	46.5	25				
16EDX-3D-25	●	16	48	25				
16.5EDX-3D-25	●	16.5	49.5	25				
17EDX-3D-25	●	17	51	25				
17.5EDX-3D-25	●	17.5	52.5	25	WD□□063006	CS22	T-7	
18EDX-3D-25	●	18	54	25				
18.5EDX-3D-25	●	18.5	55.5	25				
19EDX-3D-25	●	19	57	25				
19.5EDX-3D-25	●	19.5	58.5	25				
20EDX-3D-32	●	20	60	32	WD□□073506	CS25	T-8	
20.5EDX-3D-32	●	20.5	61.5	32				
21EDX-3D-32	●	21	63	32				
21.5EDX-3D-32	●	21.5	64.5	32				
22EDX-3D-32	●	22	66	32				
NEW 23EDX-3D-32	●	23	69	32	WD□□094008	CS35	T-15	
NEW 24EDX-3D-32	●	24	72	32				
NEW 25EDX-3D-32	●	25	75	32				
NEW 26EDX-3D-32	●	26	78	32				
NEW 27EDX-3D-32	●	27	81	32				
NEW 28EDX-3D-32	●	28	84	32				
NEW 29EDX-3D-32	●	29	87	32				
NEW 30EDX-3D-32	●	30	90	32				

EDX3D Indexable Rapid Drill

SPGT



EDX

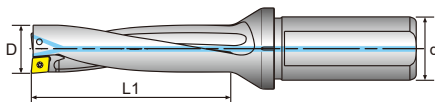





WCMX



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RAPID DRILL

EDX4D EDX4D Indexable Rapid Drill


Model No	Stock	D	L1 (Dx4)	d	Insert 	Screw 	Wrench 	Price
13EDX-4D-25	●	13	52	25	WD□□042004	CS18		
13.5EDX-4D-25	●	13.5	54	25				
14EDX-4D-25	●	14	56	25				
14.5EDX-4D-25	●	14.5	58	25				
15EDX-4D-25	●	15	60	25	WD□□052504	CS20	T-6	
15.5EDX-4D-25	●	15.5	62	25				
16EDX-4D-25	●	16	64	25				
16.5EDX-4D-25	●	16.5	66	25				
17EDX-4D-25	●	17	68	25				
17.5EDX-4D-25	●	17.5	70	25				
18EDX-4D-25	●	18	72	25	WD□□063006	CS22	T-7	
19.5EDX-4D-25	●	19.5	78	25				

EDX4D Indexable Rapid Drill

SPGT



EDX



WCMX


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RAPID DRILL

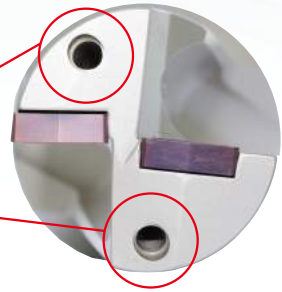
WCMX series

Tool Design Feature



Change insert is simple and effective, improving chip evacuation.
The processing time is short and better than ordinary rapid drill.

Draining hi-pressure coolant thru spindle center while using the high speed drill will extend inserts life.



Important Cautions

While using CNC lathe, the cutting center point must parallel the spindle center of the machine.

Hole widening by CNC lathe, the peripheral insert must parallel the mobiling angle tool turret.



Recommended Cutting Condition

Workpiece			Diameter				
			12-14.5mm	15-22.5mm	23-34mm	35-48mm	49-60mm
P Steel	Mild Steel (SS400)	V _(2D/3D)	100- 150 -200	100- 150 -200	100- 150 -200	100- 150 -200	100- 150 -200
		V _(4D)	100- 140 -200	100- 140 -200	100- 140 -200	100- 140 -200	100- 140 -200
		f	0.04- 0.06 -0.10	0.04- 0.07 -0.10	0.04- 0.08 -0.10	0.04- 0.10 -0.12	0.04- 0.08 -0.10
	Carbon Alloy Steel (S45C)	V _(2D/3D)	60- 100 -160	60- 100 -160	60- 100 -160	60- 100 -160	60- 100 -160
		V _(4D)	60- 80 -120	60- 80 -120	60- 80 -120	60- 80 -120	60- 80 -120
		f	0.04- 0.06 -0.10	0.04- 0.09 -0.12	0.08- 0.12 -0.14	0.08- 0.15 -0.18	0.04- 0.12 -0.14
	Alloy Steel (SCM400)	V _(2D/3D)	80- 120 -160	80- 120 -160	80- 120 -160	80- 120 -160	80- 120 -160
		V _(4D)	80- 100 -120	80- 100 -120	80- 100 -120	80- 100 -120	80- 100 -120
		f	0.04- 0.06 -0.10	0.06- 0.08 -0.10	0.04- 0.09 -0.12	0.06- 0.10 -0.14	0.06- 0.09 -0.12
M Stainless steel	Stainless Steel (SUS304)	V _(2D/3D)	80- 100 -120	80- 100 -120	80- 100 -120	100- 150 -200	80- 100 -120
		V _(4D)	80- 110 -140	80- 110 -140	80- 110 -140	100- 140 -200	80- 110 -140
		f	0.04- 0.07 -0.10	0.04- 0.07 -0.10	0.04- 0.08 -0.10	0.04- 0.10 -0.12	0.04- 0.08 -0.10
K Cast	Cast Iron (FC250)	V _(2D/3D)	80- 120 -160	80- 120 -160	80- 100 -120	80- 120 -160	80- 120 -160
		V _(4D)	110- 140 -160	110- 140 -160	80- 110 -140	110- 140 -160	110- 140 -160
		f	0.04- 0.07 -0.10	0.06- 0.07 -0.10	0.04- 0.10 -0.12	0.06- 0.10 -0.14	0.06- 0.10 -0.14

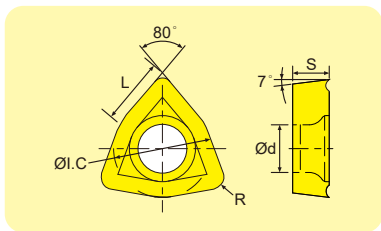
● (V=m/min) (Min. - Optimum - Max.) ● (N)=[1000 x (V)] ÷ [3.14 x (D)] ● (F)=[(ft) x (Z) x (N)]

→ Draining hi-pressure coolant thru spindle center while using the high speed drill will help extending inserts life and improving chip evacuation.

→ While using CNC lathe, The cutting center point must parallel the spindle center of the machine.

→ Hole widening by CNC lathe, the peripheral insert must parallel the moving angle tool turret.

WCMX Insert For Drilling




● Standard Stocks

◆ Grade Ref. Page-D

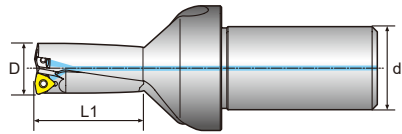
◆ Cutting condition Ref. Page-D

◆ Chipbreaker Ref. Page-F-H

Carbide Coated

Shape	Model No	R	L	I.C	S	d	P			M			K		
							ECP100	ECP200	ECP300	ECM100	ECM200	BEJ750	ECK100	ECK200	ECK300
	WCMX030208R	0.8	3.8	5.56	2.38	2.8					●				
	WCMX040208R-53	0.8	4.3	6.35	2.38	3.1					●				
	WCMX050308R	0.8	5.4	7.94	3.18	3.2					●				
	WCMX06T308R	0.8	6.5	9.525	3.97	3.7				●					
	WCMX080412R-53	1.2	8.7	12.7	4.76	4.3				●					
	WCMX080412R-53	1.2	8.7	12.7	4.76	4.3					●				

WCMX2D WCMX2D Indexable Rapid Drill



Model No	Stock	D	L1 (Dx2)	d	Insert	Screw	Wrench	Price
15WCMX-2D-25	●	15	30	25	WC□□ 0302□□	CS25	T-8	
16WCMX-2D-25	●	16	32	25				
17WCMX-2D-25	●	17	34	25				
18WCMX-2D-25	●	18	36	25				
19WCMX-2D-25	●	19	38	25				
20WCMX-2D-32	●	20	40	32	WC□□ 0402□□	CS30	T-10	
21WCMX-2D-32	●	21	42	32				
22WCMX-2D-32	●	22	44	32				
23WCMX-2D-32	●	23	46	32				
24WCMX-2D-32	●	24	48	32				
25WCMX-2D-32	●	25	50	32	WC□□ 0503□□	CS35W	T-15	
26WCMX-2D-32	●	26	52	32				
27WCMX-2D-32	●	27	54	32				
28WCMX-2D-32	●	28	56	32				
29WCMX-2D-32	●	29	58	32				
30WCMX-2D-32	●	30	60	32	WC□□ 06T03□□	CS40	T-15	
31WCMX-2D-32	●	31	62	32				
32WCMX-2D-32	●	32	64	32				
33WCMX-2D-32	●	33	66	32				
34WCMX-2D-32	●	34	68	32				
35WCMX-2D-32	●	35	70	32	WC□□ 0804□□	CS40	T-15	
36WCMX-2D-32	●	36	72	32				
37WCMX-2D-32	●	37	74	32				
38WCMX-2D-32	●	38	76	32				
39WCMX-2D-32	●	39	78	32				
40WCMX-2D-32	●	40	80	32	WC□□ 0804□□	CS40	T-15	
41WCMX-2D-32	●	41	82	32				
42WCMX-2D-32	●	42	84	32				
43WCMX-2D-40	●	43	86	40				
44WCMX-2D-40	●	44	88	40				
45WCMX-2D-40	●	45	90	40	WC□□ 0804□□	CS40	T-15	
46WCMX-2D-40	●	46	92	40				
47WCMX-2D-40	●	47	94	40				
48WCMX-2D-40	●	48	96	40				
49WCMX-2D-40	●	49	98	40				
50WCMX-2D-40	●	50	100	40				

●Insert Detail :

WC□□0302□□、WC□□0402□□、WC□□0503□□、WC□□06T3□□、WC□□0804□□→Ref.Page-AA、302

WCMX2D Indexable Rapid Drill

SPGT



EDX

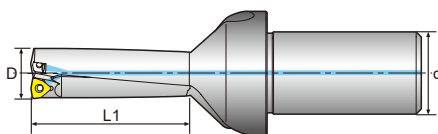





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WCMX3D WCMX3D Indexable Rapid Drill


New Specification Arrival


Model No	Stock	D	L1 (Dx3)	d	Insert 	Screw 	Wrench 	Price	
15WCMX-3D-25	●	15	45	25	WC□□ 0302□□	CS25048	T-8		
16WCMX-3D-25	●	16	48	25					
NEW 16.5WCMX-3D-25	●	16.5	49.5	25					
17WCMX-3D-25	●	17	51	25					
18WCMX-3D-25	●	18	54	25					
NEW 18.5WCMX-3D-25	●	18.5	55.5	25	WC□□ 0402□□	CS25			
19WCMX-3D-25	●	19	57	25					
NEW 19.5WCMX-3D-32	●	19.5	58.5	32					
20WCMX-3D-32	●	20	60	32					
20.5WCMX-3D-32	●	20.5	61.5	32					
21WCMX-3D-32	●	21	63	32					
NEW 21.5WCMX-3D-32	●	21.5	64.5	32					
22WCMX-3D-32	●	22	66	32					
NEW 22.5WCMX-3D-32	●	22.5	67.5	32					
23WCMX-3D-32	●	23	69	32					
NEW 23.5WCMX-3D-32	●	23.5	70.5	32	WC□□ 0503□□	CS30			
24WCMX-3D-32	●	24	72	32					
NEW 24.5WCMX-3D-32	●	24.5	73.5	32					
25WCMX-3D-32	●	25	75	32					
NEW 25.5WCMX-3D-32	●	25.5	76.5	32					
26WCMX-3D-32	●	26	78	32					
27WCMX-3D-32	●	27	81	32					
28WCMX-3D-32	●	28	84	32					
NEW 28.5WCMX-3D-32	●	28.5	85.5	32					
29WCMX-3D-32	●	29	87	32					
30WCMX-3D-32	●	30	90	32	WC□□ 06T3□□	CS35W			
31WCMX-3D-32	●	31	93	32					
32WCMX-3D-32	●	32	96	32					

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WCMX3D Indexable Rapid Drill

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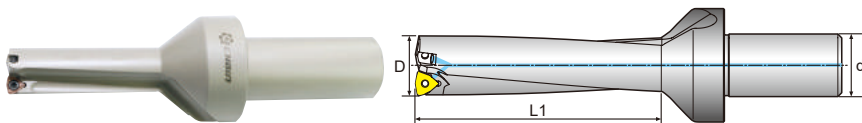
Model No	Stock	D	L1 (Dx3)	d	Insert 	Screw 	Wrench 	Price					
33WCMX-3D-32	●	33	99	32	WC□□ 06T3□□	CS35W	T-10						
34WCMX-3D-32	●	34	102	32									
35WCMX-3D-32	●	35	105	32									
36WCMX-3D-32	●	36	108	32									
37WCMX-3D-32	●	37	111	32									
38WCMX-3D-32	●	38	114	32									
39WCMX-3D-32	●	39	117	32									
40WCMX-3D-32	●	40	120	32									
41WCMX-3D-32	●	41	123	32									
42WCMX-3D-32	●	42	126	32									
43WCMX-3D-40	●	43	129	40				WC□□ 0804□□	CS40	T-15			
44WCMX-3D-40	●	44	132	40									
45WCMX-3D-40	●	45	135	40									
46WCMX-3D-40	●	46	138	40									
47WCMX-3D-40	●	47	141	40									
48WCMX-3D-40	●	48	144	40									
49WCMX-3D-40	●	49	147	40									
50WCMX-3D-40	●	50	150	40									
51WCMX-3D-40	●	51	153	40									
52WCMX-3D-40	●	52	156	40									
53WCMX-3D-40	●	53	159	40									
54WCMX-3D-40	●	54	162	40									
55WCMX-3D-40	●	55	165	40									
56WCMX-3D-40	●	56	168	40									
57WCMX-3D-40	●	57	171	40									
58WCMX-3D-40	●	58	174	40									
59WCMX-3D-40	●	59	177	40									
60WCMX-3D-40	●	60	180	40									




WCMX 3D Index Drill



●Insert Detail :

WC□□0302□□、WC□□0402□□、WC□□0503□□、WC□□06T3□□、WC□□0804□□→Ref.Page-AA、302

WCMX4D WCMX4D Indexable Rapid Drill


Model No	Stock	D	L1 (Dx4)	d	Insert 	Screw 	Wrench 	Price			
17WCMX-4D-25	●	17	68	25	WC□□ 0302□□	CS25	T-8				
18WCMX-4D-25	●	18	72	25							
19WCMX-4D-25	●	19	76	25							
20WCMX-4D-32	●	20	80	32				WC□□ 0402□□			
21WCMX-4D-32	●	21	84	32							
22WCMX-4D-32	●	22	88	32							
23WCMX-4D-32	●	23	92	32							
24WCMX-4D-32	●	24	96	32	WC□□ 0503□□			CS30			
25WCMX-4D-32	●	25	100	32							
26WCMX-4D-32	●	26	104	32							
27WCMX-4D-32	●	27	108	32							
28WCMX-4D-32	●	28	112	32							
29WCMX-4D-32	●	29	116	32							
30WCMX-4D-32	●	30	120	32	WC□□ 06T3□□	CS35W	T-10				
31WCMX-4D-32	●	31	124	32							
32WCMX-4D-32	●	32	128	32							
33WCMX-4D-32	●	33	132	32							
34WCMX-4D-32	●	34	136	32							
35WCMX-4D-32	●	35	140	32							
36WCMX-4D-32	●	36	144	32	WC□□ 0804□□			CS40	T-15		
37WCMX-4D-32	●	37	148	32							
38WCMX-4D-32	●	38	152	32							
39WCMX-4D-32	●	39	156	32							
40WCMX-4D-32	●	40	160	32							
41WCMX-4D-32	●	41	164	32							
42WCMX-4D-32	●	42	168	32							
43WCMX-4D-40	●	43	172	40							
44WCMX-4D-40	●	44	176	40							
45WCMX-4D-40	●	45	180	40							

●Insert Detail :

WC□□0302□□、WC□□0402□□、WC□□0503□□、WC□□06T3□□、WC□□0804□□→Ref.Page-AA、302

WCMX4D Indexable Rapid Drill

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