

# D

## *Drill Insert & Holder*

*Drilling Insert* .....D01

*Drilling Holder* .....D02~D07



### **DIW Series**

- Traditional design with three cutting corners.
- Suitable for Alloy Steel, Stainless Steel and Cast Iron, Hard Steel (Please refer to Catalog).

### **DDR Series**

- New design with four cutting corners, for economical drill.
- With longer sides for prolonged surface of the hole.

## SPMG, WCMT

SPMG		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>P</b> Alloy Steel</p> <p><b>M</b> Stainless Steel</p> <p><b>K</b> Cast Iron</p> <p><b>H</b> Hard Steel</p> </div> <div style="width: 45%;"> <p><b>F</b> Finishing</p> <p><b>S</b> Semi Finishing</p> <p><b>M</b> Medium</p> <p><b>R</b> Roughing</p> </div> </div>												
Type	Designation	Dimension (mm)				Grade	Application				Material			
		lc	S	r	d1		<b>F</b>	<b>S</b>	<b>M</b>	<b>R</b>	<b>P</b>	<b>M</b>	<b>K</b>	<b>H</b>
	SPMG 050204-MG	5.0	2.38	0.4	2.30	CP3020				★★★	◎	○	◎	
						CP3050				★★★	◎	○	◎	
	SPMG 060204-MG	6.0	2.38	0.4	2.65	CP3020				★★★	◎	○	◎	
						CP3050				★★★	◎	○	◎	

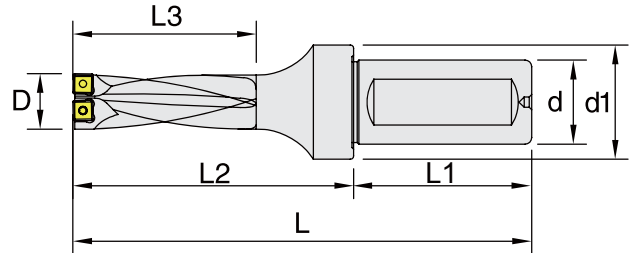
★ Acceptable    ★★ Recommended    ★★★ Excellent    ◎ First Recommend    ○ Second Recommend    Cutter Page : D02~D04

WCMT		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>P</b> Alloy Steel</p> <p><b>M</b> Stainless Steel</p> <p><b>K</b> Cast Iron</p> <p><b>H</b> Hard Steel</p> </div> <div style="width: 45%;"> <p><b>F</b> Finishing</p> <p><b>S</b> Semi Finishing</p> <p><b>M</b> Medium</p> <p><b>R</b> Roughing</p> </div> </div>											
Type	Designation	Dimension (mm)			Grade	Application				Material			
		lc	S	r		<b>F</b>	<b>S</b>	<b>M</b>	<b>R</b>	<b>P</b>	<b>M</b>	<b>K</b>	<b>H</b>
	030208-MG	5.56	2.38	0.8	CP4020				★★★	◎	○	◎	
					CP4050				★★★	◎	○	◎	
	040208-MG	6.35	2.38	0.8	CP4020				★★★	◎	○	◎	
					CP4050				★★★	◎	○	◎	
	050308-MG	7.94	3.18	0.8	CP4020				★★★	◎	○	◎	
					CP4050				★★★	◎	○	◎	
	06T308-MG	9.53	3.97	0.8	CP4020				★★★	◎	○	◎	
					CP4050				★★★	◎	○	◎	
	080412-MG	12.7	4.76	1.2	CP4020				★★★	◎	○	◎	
					CP4050				★★★	◎	○	◎	

★ Acceptable    ★★ Recommended    ★★★ Excellent    ◎ First Recommend    ○ Second Recommend    Cutter Page : D05~D07

## DDR 2×D HIGH SPEED DRILL HOLDER

**DDR**



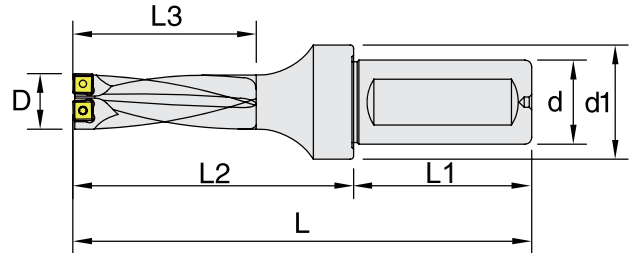
Item Code	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDDR2125-20T2-05	12.5	20	25	94	26	44	50	2	SPMG0502...	TS2003	TF6
IDDR2130-20T2-05	13			96	28	46		2			
IDDR2135-20T2-05	13.5			99	30	49		2			
IDDR2140-20T2-05	14			2							
IDDR2145-20T2-05	14.5			2							
IDDR2150-20T2-05	15			2							
IDDR2155-25T2-06	15.5	25	33	108	32	52	56	2	SPMG0602...	TS2202	TF6
IDDR2160-25T2-06	16			110	34	54		2			
IDDR2165-25T2-06	16.5			113	36	57		2			
IDDR2170-25T2-06	17			2							
IDDR2175-25T2-06	17.5			2							
IDDR2180-25T2-06	18			2							
IDDR2185-25T2-06	18.5			115	38	59		2			
IDDR2190-25T2-06	19			2							
IDDR2195-25T2-06	19.5			2							
IDDR2200-25T2-06	20			119	40	63		2			
IDDR2205-25T2-06	20.5			2							
IDDR2210-25T2-06	21			121	42	65		2			
IDDR2215-25T2-06	21.5			123	44	67		2			

SPMG		<p><b>P</b> Alloy Steel      <b>F</b> Finishing</p> <p><b>M</b> Stainless Steel      <b>S</b> Semi Finishing</p> <p><b>K</b> Cast Iron      <b>M</b> Medium</p> <p><b>H</b> Hard Steel      <b>R</b> Roughing</p>												
Type	Designation	Dimension (mm)				Grade	Application				Material			
		lc	S	r	d1		<b>F</b>	<b>S</b>	<b>M</b>	<b>R</b>	<b>P</b>	<b>M</b>	<b>K</b>	<b>H</b>
	SPMG 050204-MG	5.0	2.38	0.4	2.30	CP3020				★★★	○	○	○	○
						CP3050				★★★	○	○	○	○
	SPMG 060204-MG	6.0	2.38	0.4	2.65	CP3020				★★★	○	○	○	○
						CP3050				★★★	○	○	○	○

★ Acceptable    ★★ Recommended    ★★★ Excellent    ○ First Recommend    ○ Second Recommend

## DDR 3×D HIGH SPEED DRILL HOLDER

### DDR



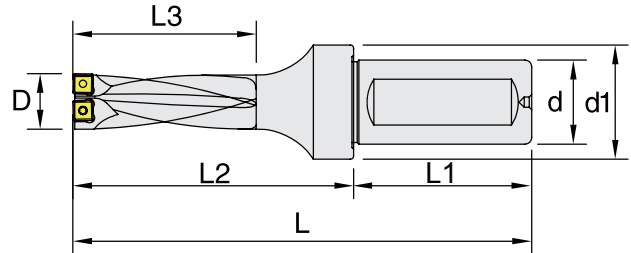
Item Code	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDDR3125-20T2-05	12.5	20	25	107	39	57	50	2	SPMG0502...	TS2003	TF6
IDDR3130-20T2-05	13			110	42	60		2			
IDDR3135-20T2-05	13.5			114	45	64		2			
IDDR3140-20T2-05	14			2							
IDDR3145-20T2-05	14.5			2							
IDDR3150-20T2-05	15			2							
IDDR3155-25T2-06	15.5	25	33	124	48	68	56	2	SPMG0602...	TS2202	TF6
IDDR3160-25T2-06	16			127	51	71		2			
IDDR3165-25T2-06	16.5			131	54	75		2			
IDDR3170-25T2-06	17			134	57	78		2			
IDDR3175-25T2-06	17.5			139	60	83		2			
IDDR3180-25T2-06	18			142	63	86		2			
IDDR3185-25T2-06	18.5			145	66	89		2			
IDDR3190-25T2-06	19			2							
IDDR3195-25T2-06	19.5			2							
IDDR3200-25T2-06	20			2							
IDDR3205-25T2-06	20.5			2							
IDDR3210-25T2-06	21			2							
IDDR3215-25T2-06	21.5			2							

SPMG		<ul style="list-style-type: none"> <li><span style="border: 1px solid black; padding: 2px;">P</span> Alloy Steel</li> <li><span style="border: 1px solid black; padding: 2px;">M</span> Stainless Steel</li> <li><span style="border: 1px solid black; padding: 2px;">K</span> Cast Iron</li> <li><span style="border: 1px solid black; padding: 2px;">H</span> Hard Steel</li> <li><span style="border: 1px solid black; padding: 2px;">F</span> Finishing</li> <li><span style="border: 1px solid black; padding: 2px;">S</span> Semi Finishing</li> <li><span style="border: 1px solid black; padding: 2px;">M</span> Medium</li> <li><span style="border: 1px solid black; padding: 2px;">R</span> Roughing</li> </ul>												
Type	Designation	Dimension (mm)				Grade	Application				Material			
		lc	S	r	d1		<span style="border: 1px solid black; padding: 2px;">F</span>	<span style="border: 1px solid black; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">M</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">P</span>	<span style="border: 1px solid black; padding: 2px;">M</span>	<span style="border: 1px solid black; padding: 2px;">K</span>	<span style="border: 1px solid black; padding: 2px;">H</span>
	SPMG 050204-MG	5.0	2.38	0.4	2.30	CP3020				★★★	○	○	○	○
						CP3050				★★★	○	○	○	○
	SPMG 060204-MG	6.0	2.38	0.4	2.65	CP3020				★★★	○	○	○	○
						CP3050				★★★	○	○	○	○

★ Acceptable    ★★ Recommended    ★★★ Excellent    ○ First Recommend    ○ Second Recommend

## DDR 4×D HIGH SPEED DRILL HOLDER

### DDR



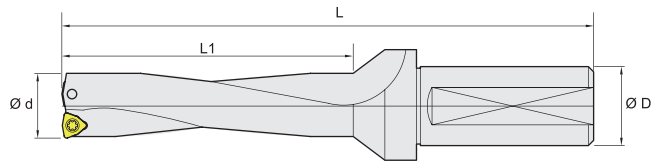
Item Code	Dimensions, mm							Teeth	Insert	Screw	Wrench
	D	d	d1	L	L3	L2	L1				
IDDR4125-20T2-05	12.5	20	25	120	52	70	50	2	SPMG0502...	TS2003	TF6
IDDR4130-20T2-05	13			124	56	74		2			
IDDR4135-20T2-05	13.5			129	60	79		2			
IDDR4140-20T2-05	14			2							
IDDR4145-20T2-05	14.5			2							
IDDR4150-20T2-05	15			2							
IDDR4155-25T2-06	15.5	25	33	140	64	84	56	2	SPMG0602...	TS2202	TF6
IDDR4160-25T2-06	16			144	68	88		2			
IDDR4165-25T2-06	16.5			148	72	92		2			
IDDR4170-25T2-06	17			152	76	96		2			
IDDR4175-25T2-06	17.5			156	80	100		2			
IDDR4180-25T2-06	18			160	84	104		2			
IDDR4185-25T2-06	18.5			164	88	108		2			
IDDR4190-25T2-06	19			2							
IDDR4195-25T2-06	19.5			2							
IDDR4200-25T2-06	20			2							
IDDR4205-25T2-06	20.5			2							
IDDR4210-25T2-06	21			2							
IDDR4215-25T2-06	21.5			2							

SPMG		<ul style="list-style-type: none"> <li><span style="border: 1px solid black; padding: 2px;">P</span> Alloy Steel</li> <li><span style="border: 1px solid black; padding: 2px;">M</span> Stainless Steel</li> <li><span style="border: 1px solid black; padding: 2px;">K</span> Cast Iron</li> <li><span style="border: 1px solid black; padding: 2px;">H</span> Hard Steel</li> <li><span style="border: 1px solid black; padding: 2px;">F</span> Finishing</li> <li><span style="border: 1px solid black; padding: 2px;">S</span> Semi Finishing</li> <li><span style="border: 1px solid black; padding: 2px;">M</span> Medium</li> <li><span style="border: 1px solid black; padding: 2px;">R</span> Roughing</li> </ul>												
Type	Designation	Dimension (mm)				Grade	Application				Material			
		lc	S	r	d1		<span style="border: 1px solid black; padding: 2px;">F</span>	<span style="border: 1px solid black; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">M</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">P</span>	<span style="border: 1px solid black; padding: 2px;">M</span>	<span style="border: 1px solid black; padding: 2px;">K</span>	<span style="border: 1px solid black; padding: 2px;">H</span>
	SPMG 050204-MG	5.0	2.38	0.4	2.30	CP3020				★★★	○	○	○	○
						CP3050				★★★	○	○	○	○
	SPMG 060204-MG	6.0	2.38	0.4	2.65	CP3020				★★★	○	○	○	○
						CP3050				★★★	○	○	○	○

★ Acceptable    ★★ Recommended    ★★★ Excellent    ○ First Recommend    ○ Second Recommend

## DIW 2xD HIGH SPEED DRILL HOLDER

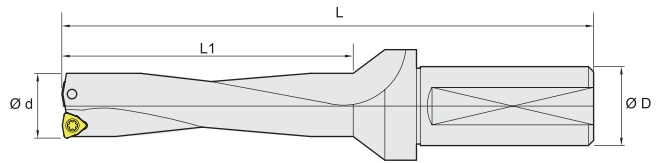
DIW



Item Code	Dimensions, mm			Teeth	Insert	Screw	Wrench
	d	L1	D				
IDIWHB215003	15	30	25	2	WCMT0302...	M256333	T8
IDIWHB216003	16	32	25	2	WCMT0302...	M256333	T8
IDIWHB217003	17	34	25	2	WCMT0302...	M256333	T8
IDIWHB218003	18	36	25	2	WCMT0302...	M256333	T8
IDIWHB219003	19	38	25	2	WCMT0302...	M256333	T8
IDIWHB220004	20	40	32	2	WCMT0402...	M256333	T8
IDIWHB221004	21	42	32	2	WCMT0402...	M256333	T8
IDIWHB222004	22	44	32	2	WCMT0402...	M256333	T8
IDIWHB223004	23	46	32	2	WCMT0402...	M256333	T8
IDIWHB224004	24	48	32	2	WCMT0402...	M256333	T8
IDIWHB225005	25	50	32	2	WCMT0503...	M308044	T10
IDIWHB226005	26	52	32	2	WCMT0503...	M308044	T10
IDIWHB227005	27	54	32	2	WCMT0503...	M308044	T10
IDIWHB228005	28	56	32	2	WCMT0503...	M308044	T10
IDIWHB229005	29	58	32	2	WCMT0503...	M308044	T10
IDIWHB230005	30	60	32	2	WCMT0503...	M308044	T10
IDIWHB231006	31	62	32	2	WCMT06T3...	M308050	T15
IDIWHB232006	32	64	32	2	WCMT06T3...	M308050	T15
IDIWHB233006	33	66	32	2	WCMT06T3...	M308050	T15
IDIWHB234006	34	68	32	2	WCMT06T3...	M308050	T15
IDIWHB235006	35	70	32	2	WCMT06T3...	M308050	T15
IDIWHB236006	36	72	32	2	WCMT06T3...	M308050	T15
IDIWHB237006	37	74	32	2	WCMT06T3...	M308050	T15
IDIWHB238006	38	76	32	2	WCMT06T3...	M308050	T15
IDIWHB239006	39	78	32	2	WCMT06T3...	M308050	T15
IDIWHB240006	40	80	32	2	WCMT06T3...	M308050	T15
IDIWHB241006	41	82	32	2	WCMT06T3...	M308050	T15
IDIWHB242006	42	84	32	2	WCMT06T3...	M308050	T15
IDIWHB245006	45	90	40	2	WCMT0804...	M40A055	T15
IDIWHB250006	50	100	40	2	WCMT0804...	M40A055	T15

## DIW 3×D HIGH SPEED DRILL HOLDER

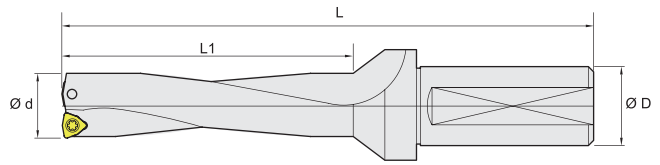
DIW



Item Code	Dimensions, mm			Teeth	Insert	Screw	Wrench
	d	L1	D				
IDIWHC215003	15	45	25	2	WCMT0302...	M256333	T8
IDIWHC216003	16	48	25	2	WCMT0302...	M256333	T8
IDIWHC217003	17	51	25	2	WCMT0302...	M256333	T8
IDIWHC218003	18	54	25	2	WCMT0302...	M256333	T8
IDIWHC219003	19	57	25	2	WCMT0302...	M256333	T8
IDIWHC220004	20	60	32	2	WCMT0402...	M256333	T8
IDIWHC221004	21	63	32	2	WCMT0402...	M256333	T8
IDIWHC222004	22	66	32	2	WCMT0402...	M256333	T8
IDIWHC223004	23	69	32	2	WCMT0402...	M256333	T8
IDIWHC224004	24	72	32	2	WCMT0402...	M256333	T8
IDIWHC225005	25	75	32	2	WCMT0503...	M308044	T10
IDIWHC226005	26	78	32	2	WCMT0503...	M308044	T10
IDIWHC227005	27	81	32	2	WCMT0503...	M308044	T10
IDIWHC228005	28	84	32	2	WCMT0503...	M308044	T10
IDIWHC229005	29	87	32	2	WCMT0503...	M308044	T10
IDIWHC230005	30	90	32	2	WCMT0503...	M308044	T10
IDIWHC231006	31	93	32	2	WCMT06T3...	M308050	T15
IDIWHC232006	32	96	32	2	WCMT06T3...	M308050	T15
IDIWHC233006	33	99	32	2	WCMT06T3...	M308050	T15
IDIWHC234006	34	102	32	2	WCMT06T3...	M308050	T15
IDIWHC235006	35	105	32	2	WCMT06T3...	M308050	T15
IDIWHC236006	36	108	32	2	WCMT06T3...	M308050	T15
IDIWHC237006	37	111	32	2	WCMT06T3...	M308050	T15
IDIWHC238006	38	114	32	2	WCMT06T3...	M308050	T15
IDIWHC239006	39	117	32	2	WCMT06T3...	M308050	T15
IDIWHC240006	40	120	32	2	WCMT06T3...	M308050	T15
IDIWHC241006	41	123	32	2	WCMT06T3...	M308050	T15
IDIWHC242006	42	126	32	2	WCMT06T3...	M308050	T15
IDIWHC245006	45	135	32	2	WCMT0804...	M40A055	T15
IDIWHC250006	50	150	32	2	WCMT0804...	M40A055	T15

## DIW 4×D HIGH SPEED DRILL HOLDER

DIW



Item Code	Dimensions, mm			Teeth	Insert	Screw	Wrench
	d	L1	D				
IDIWHD217003	17	68	25	2	WCMT0302...	M256333	T8
IDIWHD218003	18	72	25	2	WCMT0302...	M256334	T8
IDIWHD219003	19	76	25	2	WCMT0302...	M256335	T8
IDIWHD220004	20	80	32	2	WCMT0402...	M256336	T8
IDIWHD221004	21	84	32	2	WCMT0402...	M256337	T8
IDIWHD222004	22	88	32	2	WCMT0402...	M256338	T8
IDIWHD223004	23	92	32	2	WCMT0402...	M256339	T8
IDIWHD224004	24	96	32	2	WCMT0402...	M256340	T8
IDIWHD225005	25	100	32	2	WCMT0503...	M308044	T10
IDIWHD226005	26	104	32	2	WCMT0503...	M308045	T10
IDIWHD227005	27	108	32	2	WCMT0503...	M308046	T10
IDIWHD228005	28	112	32	2	WCMT0503...	M308047	T10
IDIWHD229005	29	116	32	2	WCMT0503...	M308048	T10
IDIWHD230005	30	120	32	2	WCMT0503...	M308049	T10
IDIWHD231006	31	124	32	2	WCMT06T3...	M308050	T15
IDIWHD232006	32	128	32	2	WCMT06T3...	M308051	T15
IDIWHD233006	33	132	32	2	WCMT06T3...	M308052	T15
IDIWHD234006	34	136	32	2	WCMT06T3...	M308053	T15
IDIWHD235006	35	140	32	2	WCMT06T3...	M308054	T15

Type	Designation	Dimension (mm)			Grade	Application				Material			
		lc	S	r		F	S	M	R	P	M	K	H
	WCMT	030208-MG	5.56	2.38	0.8	CP4020				★★★	◎	◎	◎
						CP4050				★★★	◎	◎	◎
		040208-MG	6.35	2.38	0.8	CP4020				★★★	◎	◎	◎
						CP4050				★★★	◎	◎	◎
		050308-MG	7.94	3.18	0.8	CP4020				★★★	◎	◎	◎
						CP4050				★★★	◎	◎	◎
	06T308-MG	9.53	3.97	0.8	CP4020				★★★	◎	◎	◎	
					CP4050				★★★	◎	◎	◎	
	080412-MG	12.7	4.76	1.2	CP4020				★★★	◎	◎	◎	
					CP4050				★★★	◎	◎	◎	

★ Acceptable    ★★ Recommended    ★★★ Excellent    ◎ First Recommend    ○ Second Recommend