

TURNING

THREADING

GROOVING

MILLING

DRILLING

ACCESSORIES

<h1>SPMT</h1>		<h2>HF4PLUS</h2> High Feed - positive					ISO513				HC-PVD									
		Size	IC	S	D1	AN	P	JP5520	JP5530	JP7525	JP9535									
<p>4 edges</p>		07	7.80	2.80	3.50	11°	P	80 250	60 230											
							M	60 160	60 150		60 200									
							K				100 240									
							N													
							S					40 100								
							H													
GRADE APPLICATION AREA		Light cut, stable machining				+														
■ main application ■ applicable		Variable condition, general machining				-														
		Heavy cut, unstable machining				+														

	SC	P	M	S														
SHARP						SPMT	07T210R-SC	RE1.0	a _p ▶ 0.20 f _p ▶ 0.50	0.80 0.90	1.40 1.30	●		●				
GENERAL						SPMT	07T210R-GP	RE1.0	a _p ▶ 0.20 f _p ▶ 0.60	0.80 1.00	1.40 1.40	●	●	●				

● stock standard

IMPORTANT NOTICE FOR CNC PROGRAMMING

		SPMT07T210
	R_p THEORETICAL RADIUS FOR CNC PROGRAMMING	2.00
	K UNCUT PORTION	0.68

SDMT		HF4PLUS High Feed - positive					ISO513	HC-PVD																
		Size	IC	S	D1	AN		P	JP5520	JP5530	JP7525	JP9535												
<p>4 edges</p>	10	10.00	4.76	4.00	15°	P	80 250	60 230																
	12	12.70	5.56	4.40	15°	M	60 160	60 150		60 200														
						K				100 240														
						N																		
						S				40 100														
						H																		
GRADE APPLICATION AREA		Light cut, stable machining					+																	
main application		Variable condition, general machining					-																	
applicable		Heavy cut, unstable machining					+																	
SHARP	SC P M S	SDMT 100410R-SC		RE1.0	$a_p \triangleright 0.30$ $f_z \triangleright 0.50$	1.00 1.70 1.00 1.50																		
	GENERAL	GP P M K	SDMT 100410R-GP		RE1.0	$a_p \triangleright 0.30$ $f_z \triangleright 0.60$	1.00 1.70 1.10 1.60																	
		SDMT 120512R-GP		RE1.2	$a_p \triangleright 0.50$ $f_z \triangleright 0.80$	1.20 2.00 1.30 1.80																		
REINFORCED	TE P K	SDMT 100410R-TE		RE1.0	$a_p \triangleright 0.30$ $f_z \triangleright 0.70$	1.00 1.70 1.20 1.70																		
	SDMT 120512R-TE		RE1.2	$a_p \triangleright 0.50$ $f_z \triangleright 1.00$	1.20 2.00 1.50 2.00																			

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IMPORTANT NOTICE FOR CNC PROGRAMMING

	SDMT100410	SDMT120512
<p>Rp THEORETICAL RADIUS FOR CNC PROGRAMMING</p>	3.00	4.00
K UNCUT PORTION	0.76	0.85

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ACCESSORIES

TURNING

CYLINDRICAL

INTERNAL COOLANT

HIGH FEED

P M K

S

THREADING

SCREW-IN

INTERNAL COOLANT

GROOVING

ARBOR

INTERNAL COOLANT

MILLING

HF4PLUS High Feed	DCX		DCON	LF	LU	CRKS		MIID
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DRILLING

	TYPE	CODE		DCX	Z	DCON	LF	LU	CRKS	KG	MIID
CYLINDRICAL	NT-SP07HF	D020-S20-Z3	●	20	3	20	130	50	-	0.30	SPMT07
		D025-S25-Z4	●	25	4	25	140	60	-	0.50	
		D032-S32-Z5	●	32	5	32	150	70	-	1.00	
SCREW-IN	NT-SP07HF	D020-M10-Z2	●	20	2	10.5	30	-	M10	0.10	SPMT07
		D020-M10-Z3	●		3	10.5	30	-	M10	0.10	
		D025-M12-Z3	●	25	3	12.5	35	-	M12	0.15	
		D025-M12-Z4	●		4	12.5	35	-	M12	0.15	
		D032-M16-Z4	●	32	4	17	40	-	M16	0.30	
		D032-M16-Z5	●		5	17	40	-	M16	0.30	
		D035-M16-Z5	●	35	5	17	40	-	M16	0.30	
		D042-M16-Z6	●	42	6	17	40	-	M16	0.35	
	NT-SD10HF	D035-M16-Z4	●	35	4	17	40	-	M16	0.30	SDMT10
		D042-M16-Z5	●	42	5	17	40	-	M16	0.35	
NT-SD12HF		D032-M16-Z2	●	32	2	17	43	-	M16	0.25	SDMT12
		D035-M16-Z3	●	35	3	17	43	-	M16	0.25	
		D040-M16-Z4	●	40	4	17	43	-	M16	0.25	
		D042-M16-Z4	●	42	4	17	43	-	M16	0.25	
ARBOR	NT-SP07HF	D040-F16-Z5	●	40	5	16	40	-	-	0.25	SPMT07
		D040-F16-Z6	●		6	16	40	-	-	0.25	
		D042-F16-Z5	●	42	5	16	40	-	-	0.25	
		D042-F16-Z6	●		6	16	40	-	-	0.25	
		D050-F22-Z7	●	50	7	22	50	-	-	0.55	
		D052-F22-Z7	●	52	7	22	50	-	-	0.55	

● stock standard

HF4PLUS High Feed				DCX		DCON	LF	LU	CRKS		MIID
ARBOR	NT-SD10HF	D050-F22-Z6	●	50	6	22	50	-	-	0.55	SDMT10
		D052-F22-Z6	●	52	6	22	50	-	-	0.55	
		D063-F27-Z7	●	63	7	27	50	-	-	0.75	
		D066-F27-Z7	●	66	7	27	50	-	-	0.80	
		D080-F27-Z8	●	80	8	27	50	-	-	1.10	
	NT-SD12HF	D042-F16-Z4	●	42	4	16	40	-	-	0.25	SDMT12
		D050-F22-Z4	●	50	4	22	50	-	-	0.45	
		D050-F22-Z5	●		5	22	50	-	-	0.45	
		D052-F22-Z4	●	52	4	22	50	-	-	0.45	
		D052-F22-Z5	●		5	22	50	-	-	0.45	
		D063-F22-Z4	●	63	4	22	50	-	-	0.70	
		D063-F27-Z4	●		4	27	50	-	-	0.70	
		D063-F22-Z5	●		5	22	50	-	-	0.70	
		D063-F27-Z5	●		5	27	50	-	-	0.70	
		D066-F27-Z6	●		66	6	27	50	-	-	
		D080-F27-Z6	●	80	6	27	50	-	-	1.10	
		D080-F27-Z7	●		7	27	50	-	-	1.10	

● stock standard

Spare Parts	INSERT SCREW	INSERT WRENCH

NT-SP07HF DCX ≤ 25	NT-ST034	NT-FTB10
NT-SP07HF DCX > 25	NT-ST033	
NT-SD10HF D□□□	NT-ST036	NT-FTB15
NT-SD12HF D□□□	NT-ST024	NT-FTB15

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