

06/2021
NPI

DOUBLE2HF

High feed milling



ANMX DOUBLE2HF	HC: coated carbide HF: micrograin carbide CVD: chemical vapour deposition PVD: physical vapour deposition					HF PVD	HF PVD	HF PVD	HC CVD	HC CVD			
						JP5530	JP8725	JP9535	JP8520	JP9540			
<ul style="list-style-type: none"> High feed milling Double-sided insert Rectangular shape with hole 4 cutting edges Maximum depth of cut (APMX) = 1 mm Large arc cutting edge (R6) for a perfect balancing between edge strength and cutting forces The special insert design guarantees a perfect and stable clamping 	Stable machining, light cut ● 1 st choice ○ suitable	General machining, medium cut ● 1 st choice ○ suitable	Unstable machining, heavy cut ⊕ 1 st choice ⊖ suitable										
	Dimensions	ISO											
		Vc(m/min) - suggested cutting speed range (bold: 1st choice)											
	P 60 230 80 250 150 350	M 60 150 60 200	K 130 250	N	S 40 100	H							

Designation		RE	IC	S	D1	Stock															
CARBIDE general purpose, high feed	GP	ANMX09X310R-GP	1.00	6.25	3.00	3.15	●	▲	●	●	●										

● stock standard, ▲ upcoming introduction

40÷100% DC	a_p	0.20	0.60	1.00
	f_z	0.20	1.00	1.80
10÷30% DC	a_p	0.20	0.60	1.00
	f_z	0.40	1.20	2.00
<10% DC	a_p	0.20	0.60	1.00
	f_z	0.60	1.40	2.20

IMPORTANT NOTICE FOR CNC PROGRAMMING

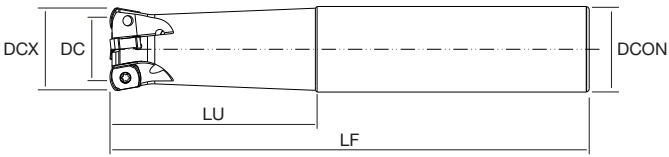
		ANMX09X310R	
	Rp THEORETICAL RADIUS FOR CNC PROGRAMMING	∅ 16	1.50
		≥ ∅ 20	2.00
	K UNCUT PORTION	∅ 16	0.43
		≥ ∅ 20	0.41

a_p : radial depth of cut (mm)
 a_x : axial depth of cut (mm)
 f_z : feed per tooth (mm)
 DC: milling cutter diameter (mm)

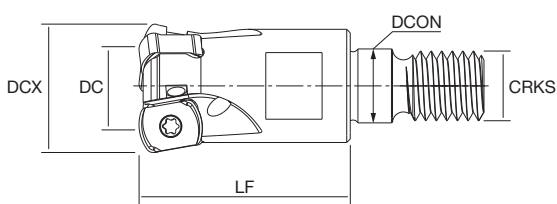
DOUBLE2HF

P M K N S H
H H I H

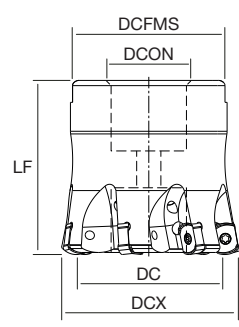
- High feed milling
- Economical double-sided system
- Internal coolant
- KAPR from 15° to 33° according to ap value
- Also suitable for machines with limited power
- Complete range starting from dia.16 mm to 52 mm



CYLINDRICAL



SCREW-IN



ARBOR



	Designation	Stock	DCX	DC	ZEFP	DCON	DCSFMS	LF	LU	CRKS	WT	MIID
CYLINDRICAL	NT-AN09HF D016-S16-Z2	●	16	9.4	2	16		120	40		0.20	ANMX09
	NT-AN09HF D020-S20-Z3	●	20	12.4	3	20		130	50		0.30	ANMX09
	NT-AN09HF D025-S25-Z4	●	25	17.3	4	25		140	60		0.50	ANMX09
	NT-AN09HF D032-S32-Z5	●	32	24.3	5	32		150	70		0.90	ANMX09
SCREW-IN	NT-AN09HF D016-M08-Z2	●	16	9.4	2	8.5		25		M8	0.10	ANMX09
	NT-AN09HF D020-M10-Z3	●	20	12.4	3	10.5		30		M10	0.15	ANMX09
	NT-AN09HF D025-M12-Z4	●	25	17.3	4	12.5		35		M12	0.20	ANMX09
	NT-AN09HF D032-M16-Z5	●	32	24.3	5	17		40		M16	0.30	ANMX09
	NT-AN09HF D035-M16-Z5	●	35	27.3	5	17		40		M16	0.30	ANMX09
	NT-AN09HF D040-M16-Z6	●	40	32.2	6	17		40		M16	0.40	ANMX09
	NT-AN09HF D042-M16-Z6	●	42	34.2	6	17		40		M16	0.40	ANMX09
ARBOR	NT-AN09HF D050-F22-Z7	●	50	42.2	7	22	45	50			0.50	ANMX09
	NT-AN09HF D052-F22-Z7	●	52	44.2	7	22	45	50			0.50	ANMX09

Spare Parts	INSERT SCREW	INSERT WRENCH

NT-AN09HF D□□□	NT-ST048	NT-FTP08
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