



WNM(H)U
XNM(H)X

Milling insert

Passionate pursuit of perfection





WNM(H)U XNM(H)X

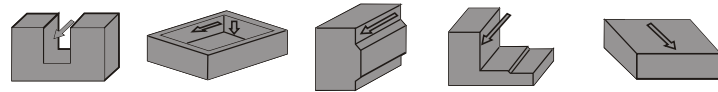
Milling insert



WNMU060610-SN
WNHU060610-FN
(Sharp) R=1.0



XNMU080608TR-CM
XNHU080608TR-CM
(Strong) R=0.8



1. WNHU060610-FN: Suitable for finishing and difficult process materials (stainless steel, stainless steel, superalloy heat-resisting steel, ferroalloy Ti alloy) processing.
2. WNMU060610-SN: Suitable for steel processing of steel parts, extremely versatile.
3. XNMX080608TR-CM: Strong edge, suitable for steel parts steel and cast iron material processing.
4. XNHX080608TR-CM: Strong edge, suitable for steel material processing of steel parts.

		PVD Coating				parameters	
		CP2630TN CP2640TN	CP2430	CP1130H	CP6130MS	Vc (mm/min)	
WNMU060610							
Material group	P Steel	*	*		●	120-160-250	
	P P20,718,SKD11,S136H	*	*		●	100-130-160	
	P HRC40-63 Steel			●	●	50-80-120	
	M Stainless steel	*	*	●	●	60-110-150	
	K Cast iron		*	●	●	150-180-220	
	S Titanium alloy	*	*		●	40-60-80	
S Heat-resisting steel	*		●	●	40-60-100		
Type	purpose					Ap(mm)	f (mm/t)
WNHU 060610-FN		*	*	●	●	0.1-3.0	0.05-0.4
WNMU 060610-SN	Cast iron, Steel	*	*	●	●	0.1-4.0	0.1-0.5
XNMX080608TR-CM	Cast iron, Steel	*	*	●	●	0.1-4.0	0.1-0.5
XNHX080608TR-CM	Stainless steel,Steel	*	*	●	●	0.1-4.0	0.1-0.5

CP2430 Suitable For Dry Or Air-cooled Cutting



WNM(H)U0606 XNM(H)X0806

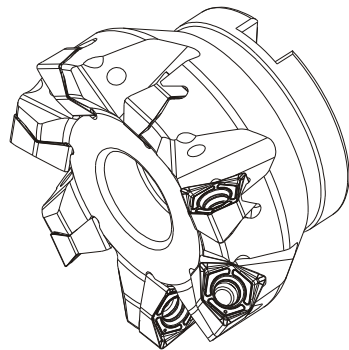
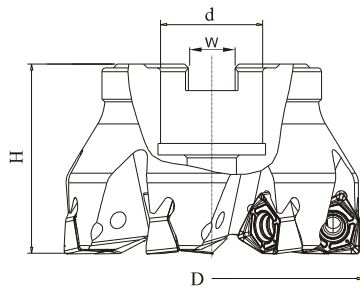


Material examples	Hardness	Grade	Vc m/ min	fz mm/t / Ap mm		
				φ16-22	φ25-50	
S45C, S50C	~220HB	CP2630TN CP2640TN CP2430	100-250	fz=0.1-0.4 Ap=0.2-8.0	fz=0.2-0.5 Ap=0.2-8.0	0.1
20CrMoTi, 42CrMo	~200HB	CP2630TN CP2640TN CP2430	100-200	fz=0.1-0.4 Ap=0.2-8.0	fz=0.2-0.5 Ap=0.2-8.0	0.1
SKD61 (H13), SKD11	350HB	CP2630TN CP2640TN CP2430	100-150	fz=0.1-0.4 Ap=0.2-6.0	fz=0.2-0.5 Ap=0.2-6.0	0.1
P20, 718, 738	HRC28-32	CP2630TN CP2640TN CP2430	100-180	fz=0.1-0.4 Ap=0.2-6.0	fz=0.2-0.5 Ap=0.2-6.0	0.1
S136H, NAK80, 4Cr13	HRC30-40	CP2630TN CP2640TN CP2430	100-150	fz=0.1-0.4 Ap=0.2-6.0	fz=0.2-0.5 Ap=0.2-6.0	0.1
SKD61 (H13)	HRC40-50	CP2630TN CP2640TN CP2430	80-120	fz=0.1-0.2 Ap=0.15-0.2	fz=0.1-0.2 Ap=0.15-5.0	0.05
SKD11 (Cr12MoV)	HRC55-62	CP1120FH	50-80	fz=0.05-0.1 Ap=0.1-0.15	fz=0.05-0.1 Ap=0.1-5.0	0.03
304, 316	200HB	CP2630TN CP2640TN CP2430	100-150	fz=0.1-0.4 Ap=0.3-0.6	fz=0.2-0.5 Ap=0.3-6.0	0.08
718	HRC38-45	CP1130FH CP2630TN CP2640TN	60-120	fz=0.1-0.3 Ap=0.3-0.5	fz=0.15-0.3 Ap=0.3-6.0	0.08
TC6, TC14		CP6130MS CP2630TN	40-80	fz=0.1-0.3 Ap=0.3-0.5	fz=0.15-0.3 Ap=0.3-6.0	0.08
FC250, HT250	~200HB	CP2630TN CP2430 CP1130FH	120-220	fz=0.2-0.6 Ap=0.5-1.0	fz=0.5-0.8 Ap=0.5-8.0	0.1
FCD400, QT300, 400, 500, 600	~200HB	CP2630TN CP2430 CP1130FH	120-200	fz=0.2-0.6 Ap=0.5-0.8	fz=0.5-0.8 Ap=0.5-8.0	0.1

CP2430 Suitable For Dry Or Air-cooled Cutting



Cutter tool MFWN WN(M.H)U



Cutter Tool: SKD61 material, processed after heat treatment, good rigidity, strong seismic performance, high precision <0.03mm

Designation	Z	type	mm					cooling					
			D	d	H L	W L1	M						
type 1	MFWN06-32X32X130-3T-W	3	1	32	32	130	50	●	MS40120	T15			WNMU060610 WNHU060610
	MFWN06-32X32X200-3T	3	1	32	32	200	50						
	MFWN06-35X32X130-3T-W	3	1	35	32	130	-						
	MFWN06-35X32X200-3T	3	1	35	32	200	-						
type 2	MFWN06M-90-32-M16-3T-W	3	2	32	17	43	25	●	MS40120	T15			WNMU060610 WNHU060610
	MFWN06M-90-35-M16-3T-W	3	2	35	17	43	25						
	MFWN06M-90-40-M16-3T-W	3	2	40	17	43	25						
type 3	MFWN06-90-40-16-4T-W	4	4	40	16	40	8.4	●	MS40120	T15			WNMU060610 WNHU060610
	MFWN06-90-50-22-4T-W	4	3	50	22	40	10.4						
	MFWN06-90-63-22-5T-W	5	3	63	22	40	10.4						
	MFWN06-90-80-27-6T-W	6	3	80	27	50	12.4						
	MFWN06-90-100-32-8T-W	8	3	100	32	55	14.4						
	MFWN06-90-125-40-10T-W	10	3	125	40	63	16.4						
	MFWN06-90-160-40-12T-W	12	3	160	40	63	16.4						
type 4	MFXN08-90-50-22-4T	4	3	50	22	45	10.4	●	MS45120	T20			XNMX080608 TR-CM
	MFXN08-90-63-22-5T	5	3	63	22	45	10.4						
	MFXN08-90-80-27-6T	6	3	80	27	50	12.4						
	MFXN08-90-100-32-8T	7	3	100	32	55	14.4						
	MFXN08-90-125-40-10T	8	3	125	40	63	16.4						
	MFXN08-90-160-40-10T	10	3	160	40	63	16.4						
	MFXN08-90-200-60-12T	12	3	200	60	63	25.7						