



Fine Pitch Roughing series



● Micro Grain Carbide

● WC=90 Co=10 HV30=1571 Rupture=3750N/mm² Grain Size=0.6μm

Fine Pitch

HRC > 40

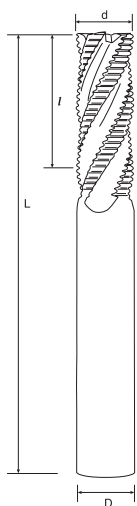
HRC > 45

HRC > 50

HRC > 55

HRC > 60

HRC > 65



3 Flutes

MODE	Diameter	Flute Length	Full Length	Shank Diameter	Flutes
	d	l	L	D	Z
NTA0403 AITiN	4	8	50	6	3
NTA0503 AITiN	5	13	50	6	3
NTA0603 AITiN	6	16	50	6	3
NTA0703 AITiN	7	16	60	8	3
NTA0803 AITiN	8	19	60	8	3
NTA0903 AITiN	9	25	75	10	3
NTA1003 AITiN	10	25	75	10	3
NTA1103 AITiN	11	30	75	12	3
NTA1203 AITiN	12	30	75	12	3
NTA1603 AITiN	16	35	100	16	3
NTA2003 AITiN	20	45	100	20	3

4 Flutes

MODE	Diameter	Flute Length	Full Length	Shank Diameter	Flutes
	d	l	L	D	Z
NTA0404 AITiN	4	8	50	6	4
NTA0504 AITiN	5	13	50	6	4
NTA0604 AITiN	6	16	50	6	4
NTA0704 AITiN	7	16	60	8	4
NTA0804 AITiN	8	19	60	8	4
NTA0904 AITiN	9	25	75	10	4
NTA1004 AITiN	10	25	75	10	4
NTA1104 AITiN	11	30	75	12	4
NTA1204 AITiN	12	30	75	12	4
NTA1404 AITiN	14	35	100	16	4
NTA1504 AITiN	15	35	100	16	4
NTA1604 AITiN	16	35	100	16	4
NTA2004 AITiN	20	45	100	20	4

Application :

⊙ Recommend

○ Suitable

X Not Recommend

carbon steel, Alloy steel	Pre-hardened steel	High-hardened				Stainless steel	Copper alloy	Aluminun alloy
	-45HRC	-50HRC	-55HRC	-60HRC	-65HRC			
○	⊙	⊙	○			○		