

Roughing series



● Micro Grain Carbide

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

Fine Pitch

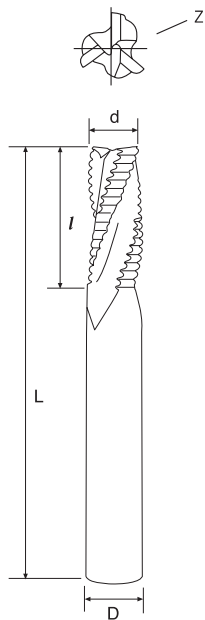


3 Flutes

MODE	Diameter	Flute Length	Full Length	Shank Diameter	Flutes
	d	l	L	D	Z
XTA0403 AITiN	4	8	50	6	3
XTA0503 AITiN	5	13	50	6	3
XTA0603 AITiN	6	16	50	6	3
XTA0703 AITiN	7	16	60	8	3
XTA0803 AITiN	8	19	60	8	3
XTA0903 AITiN	9	25	75	10	3
XTA1003 AITiN	10	25	75	10	3
XTA1103 AITiN	11	30	75	12	3
XTA1203 AITiN	12	30	75	12	3
XTA1603 AITiN	16	35	100	16	3
XTA2003 AITiN	20	45	100	20	3

4 Flutes

MODE	Diameter	Flute Length	Full Length	Shank Diameter	Flutes
	d	l	L	D	Z
XTA0404 AITiN	4	8	50	6	4
XTA0504 AITiN	5	13	50	6	4
XTA0604 AITiN	6	16	50	6	4
XTA0704 AITiN	7	16	60	8	4
XTA0804 AITiN	8	19	60	8	4
XTA0904 AITiN	9	25	75	10	4
XTA1004 AITiN	10	25	75	10	4
XTA1104 AITiN	11	30	75	12	4
XTA1204 AITiN	12	30	75	12	4
XTA1604 AITiN	16	35	100	16	4
XTA2004 AITiN	20	45	100	20	4



Application :

⊙ Recommend ○ Suitable X Not Recommend

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

HRC > 40

HRC > 45

HRC > 50

HRC > 55

HRC > 60

HRC > 65

