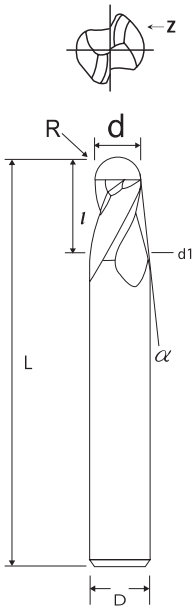


## Taper Ball Nose - 2 flutes



● Micro Grain Carbide

● WC=90 Co=10 HV30=1571 Rupture=3750N/mm<sup>2</sup> Grain Size=0.6μm



MODE	Diameter	Radius	Flute Length	Full Length	Shank Diameter	d1	α	Flutes
	d	R	l	L	D			Z
TBTA100030 AITiN	2	1	13	50	4	3.13	3°	2
TBTA100040 AITiN	2	1	13	50	4	3.36	4°	2
TBTA100050 AITiN	2	1	13	50	6	4.27	5°	2
TBTA100070 AITiN	2	1	13	50	6	5.17	7°	2
TBTA100100 AITiN	2	1	13	60	8	6.56	10°	2
TBTA125005 AITiN	2.5	1.25	15	50	4	2.76	30"	2
TBTA125010 AITiN	2.5	1.25	15	50	4	3.03	1°	2
TBTA125015 AITiN	2.5	1.25	15	50	4	3.29	1°30"	2
TBTA125020 AITiN	2.5	1.25	15	50	4	3.56	2°	2
TBTA125030 AITiN	2.5	1.25	15	50	4	3.81	3°	2
TBTA125040 AITiN	2.5	1.25	15	50	6	4.07	4°	2
TBTA125050 AITiN	2.5	1.25	15	50	6	5.13	5°	2
TBTA125070 AITiN	2.5	1.25	15	60	6	6.17	7°	2
TBTA125100 AITiN	2.5	1.25	15	60	8	7.77	10°	2
TBTA150005 AITiN	3	1.5	20	50	4	3.34	30"	2
TBTA150010 AITiN	3	1.5	20	50	4	3.6	1°	2
TBTA150015 AITiN	3	1.5	20	60	6	4.04	1°30"	2
TBTA150020 AITiN	3	1.5	20	60	6	4.39	2°	2
TBTA150030 AITiN	3	1.5	20	60	6	5.08	3°	2
TBTA150040 AITiN	3	1.5	20	60	6	5.78	4°	2
TBTA150050 AITiN	3	1.5	20	60	8	6.48	5°	2
TBTA150070 AITiN	3	1.5	20	60	8	7.9	7°	2
TBTA150100 AITiN	3	1.5	20	75	10	10.04	10°	2

Application :

⊙ Recommend    ○ Suitable    X Not Recommend

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



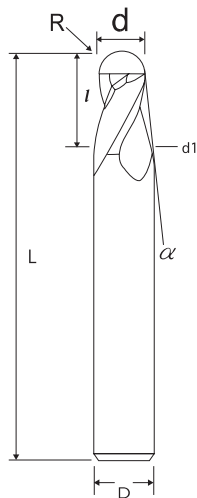
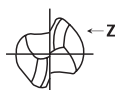


## Taper Ball Nose - 2 flutes



● Micro Grain Carbide

● WC=90 Co=10 HV30=1571 Rupture=3750N/mm<sup>2</sup> Grain Size=0.6μm



MODE	Diameter	Radius	Flute Length	Full Length	Shank Diameter	d1	α	Flutes
	d	R	l	L	D			Z
TBTA050005 AITiN	1	0.5	10	50	4	1.17	30°	2
TBTA050010 AITiN	1	0.5	10	50	4	1.35	1°	2
TBTA050015 AITiN	1	0.5	10	50	4	1.52	1°30'	2
TBTA050020 AITiN	1	0.5	10	50	4	1.7	2°	2
TBTA050030 AITiN	1	0.5	10	50	4	1.87	3°	2
TBTA050040 AITiN	1	0.5	10	50	4	2.05	4°	2
TBTA050050 AITiN	1	0.5	10	50	4	2.24	5°	2
TBTA050070 AITiN	1	0.5	10	50	4	3.44	7°	2
TBTA050100 AITiN	1	0.5	10	50	4	4.51	10°	2
TBTA075005 AITiN	1.5	0.75	10	50	4	1.67	30°	2
TBTA075010 AITiN	1.5	0.75	10	50	4	1.85	1°	2
TBTA075015 AITiN	1.5	0.75	10	50	4	2.02	1°30'	2
TBTA075020 AITiN	1.5	0.75	10	50	4	2.2	2°	2
TBTA075030 AITiN	1.5	0.75	10	50	4	2.37	3°	2
TBTA075040 AITiN	1.5	0.75	10	50	4	2.55	4°	2
TBTA075050 AITiN	1.5	0.75	10	50	4	3.24	5°	2
TBTA075070 AITiN	1.5	0.75	10	50	4	3.94	7°	2
TBTA075100 AITiN	1.5	0.75	10	50	6	5.02	10°	2
TBTA100005 AITiN	2	1	13	50	4	2.22	30°	2
TBTA100010 AITiN	2	1	13	50	4	2.45	1°	2
TBTA100015 AITiN	2	1	13	50	4	2.68	1°30'	2
TBTA100020 AITiN	2	1	13	50	4	3.9	2°	2

Application :

⊙ Recommend

○ Suitable

X Not Recommend

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