

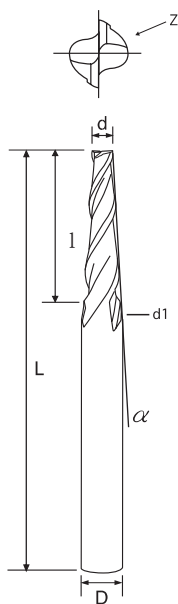


# Taper series - Long flute - 2 flutes



● Micro Grain Carbide

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



MODE	Diameter	Flute Length	Full Length	Shank Diameter	α	d1	Flutes
	d	l	L	D			Z
LTTA010005 AITiN	1	10	50	4	30°	1.17	2
LTTA010010 AITiN	1	10	50	4	1°	1.35	2
LTTA010015 AITiN	1	10	50	4	1°30'	1.52	2
LTTA010020 AITiN	1	10	50	4	2°	1.7	2
LTTA010025 AITiN	1	10	50	4	2°30'	1.87	2
LTTA010030 AITiN	1	10	50	4	3°	2.05	2
LTTA010050 AITiN	1	10	50	4	5°	2.74	2
LTTA010070 AITiN	1	10	50	4	7°	3.44	2
LTTA015005 AITiN	1.5	10	50	4	30°	1.67	2
LTTA015010 AITiN	1.5	10	50	4	1°	1.85	2
LTTA015015 AITiN	1.5	10	50	4	1°30'	2.02	2
LTTA015020 AITiN	1.5	10	50	4	2°	2.2	2
LTTA015025 AITiN	1.5	10	50	4	2°30'	2.37	2
LTTA015030 AITiN	1.5	10	50	4	3°	2.55	2
LTTA015050 AITiN	1.5	10	50	4	5°	3.24	2
LTTA015070 AITiN	1.5	10	50	4	7°	3.94	2
LTTA020005 AITiN	2	13	50	4	30°	2.22	2
LTTA020010 AITiN	2	13	50	4	1°	2.45	2
LTTA020015 AITiN	2	13	50	4	1°30'	2.68	2
LTTA020020 AITiN	2	13	50	4	2°	2.9	2
LTTA020025 AITiN	2	13	50	4	2°30'	3.13	2
LTTA020030 AITiN	2	13	50	4	3°	3.36	2
LTTA020050 AITiN	2	13	50	6	5°	4.27	2
LTTA020070 AITiN	2	13	50	6	7°	5.17	2
LTTA025005 AITiN	2.5	15	50	4	30°	2.76	2
LTTA025010 AITiN	2.5	15	50	4	1°	3.03	2
LTTA025015 AITiN	2.5	15	50	4	1°30'	3.29	2
LTTA025020 AITiN	2.5	15	50	4	2°	3.56	2
LTTA025025 AITiN	2.5	15	50	4	2°30'	3.81	2
LTTA025030 AITiN	2.5	15	50	6	3°	4.07	2
LTTA025050 AITiN	2.5	15	50	6	5°	5.13	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			
○	⊙	⊙	○			○		

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MODE	Diameter	Flute Length	Full Length	Shank Diameter	α	d1	Flutes
	d	l	L	D			Z
LTTA030005 AlTiN	3	20	60	6	30°	3.35	2
LTTA030010 AlTiN	3	20	60	6	1°	3.7	2
LTTA030015 AlTiN	3	20	60	6	1°30'	4.05	2
LTTA030020 AlTiN	3	20	60	6	2°	4.39	2
LTTA030025 AlTiN	3	20	60	6	2°30'	4.65	2
LTTA030030 AlTiN	3	20	60	6	3°	5.1	2
LTTA030050 AlTiN	3	20	60	8	5°	6.5	2
LTTA040005 AlTiN	4	25	60	6	30°	4.44	2
LTTA040010 AlTiN	4	25	60	6	1°	4.88	2
LTTA040015 AlTiN	4	25	60	6	1°30'	5.13	2
LTTA040020 AlTiN	4	25	60	6	2°	5.75	2
LTTA040025 AlTiN	4	25	60	8	2°30'	6.19	2
LTTA040030 AlTiN	4	25	60	8	3°	6.62	2
LTTA040050 AlTiN	4	25	75	10	5°	8.38	2
LTTA050005 AlTiN	5	30	75	6	30°	5.52	2
LTTA050010 AlTiN	5	30	75	8	1°	6.05	2
LTTA050015 AlTiN	5	30	75	8	1°30'	6.57	2
LTTA050020 AlTiN	5	30	75	8	2°	7.09	2
LTTA050025 AlTiN	5	30	75	8	2°30'	7.62	2
LTTA050030 AlTiN	5	30	75	10	3°	8.14	2
LTTA050050 AlTiN	5	30	75	12	5°	10.25	2
LTTA060005 AlTiN	6	35	75	8	30°	6.61	2
LTTA060010 AlTiN	6	35	75	8	1°	7.22	2
LTTA060015 AlTiN	6	35	75	8	1°30'	7.83	2
LTTA060020 AlTiN	6	35	75	10	2°	8.44	2
LTTA060025 AlTiN	6	35	100	10	2°30'	9.05	2
LTTA060030 AlTiN	6	35	100	10	3°	9.67	2
LTTA060050 AlTiN	6	34	100	12	5°	11.94	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			
○	⊙	⊙	○			○		

