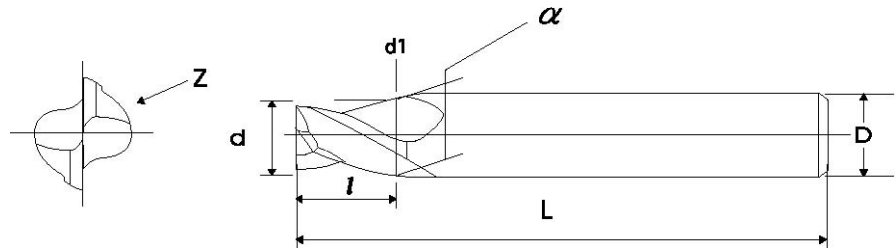


# Cutting Tools

## TAPERED SQUARE TYPE - 2 flutes

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



TST - Altin

MODE	Diameter d	Flute Length l	Full Length L	Shank Diameter D	Half Included Angle α	Tip Diameter d1	Flute No. Z
TST 005005	0.5	2	50	4	30°	0.53	2
TST 005010	0.5	2	50	4	1°	0.57	2
TST 005015	0.5	2	50	4	1°30'	0.6	2
TST 005020	0.5	2	50	4	2°	0.64	2
TST 005025	0.5	2	50	4	2°30'	0.67	2
TST 005030	0.5	2	50	4	3°	0.71	2
TST 005050	0.5	2	50	4	5°	0.85	2
TST 005070	0.5	2	50	4	7°	0.99	2
TST 005100	0.5	2	50	4	10°	1.21	2
TST 010005	1	4	50	4	30°	1.07	2
TST 010010	1	4	50	4	1°	1.14	2
TST 010015	1	4	50	4	1°30'	1.21	2
TST 010020	1	4	50	4	2°	1.28	2
TST 010025	1	4	50	4	2°30'	1.35	2
TST 010030	1	4	50	4	3°	1.42	2
TST 010050	1	4	50	4	5°	1.7	2
TST 010070	1	4	50	4	7°	1.98	2
TST 010100	1	4	50	4	10°	2.41	2
TST 015005	1.5	5	50	4	30°	1.59	2
TST 015010	1.5	5	50	4	1°	1.67	2
TST 015015	1.5	5	50	4	1°30'	1.76	2
TST 015020	1.5	5	50	4	2°	1.85	2
TST 015025	1.5	5	50	4	2°30'	1.93	2
TST 015030	1.5	5	50	4	3°	2.02	2
TST 015050	1.5	5	50	4	5°	2.37	2
TST 015070	1.5	5	50	4	7°	2.73	2
TST 015100	1.5	5	50	4	10°	3.26	2
TST 020005	2	6	50	4	30°	2.1	2
TST 020010	2	6	50	4	1°	2.21	2
TST 020015	2	6	50	4	1°30'	2.31	2
TST 020020	2	6	50	4	2°	2.41	2
TST 020025	2	6	50	4	2°30'	2.52	2
TST 020030	2	6	50	4	3°	2.62	2
TST 020050	2	6	50	4	5°	3.05	2
TST 020070	2	6	50	4	7°	3.47	2
TST 020100	2	6	50	4	10°	4.11	2
TST 025005	2.5	8	50	4	30°	2.64	2
TST 025010	2.5	8	50	4	1°	2.78	2
TST 025015	2.5	8	50	4	1°30'	2.91	2

MG

HRC  
55

35°



ALTIM



# Cutting Tools

## TAPERED SQUARE TYPE - 2 flutes

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

### TST - Altin

MODE	Diameter d	Flute Length l	Full Length L	Shank Diameter D	Half Included Angle α	Tip Diameter d1	Flute No. Z
TST 025020	2.5	8	50	4	2°	3.05	2
TST 025025	2.5	8	50	4	2°30'	3.2	2
TST 025030	2.5	8	50	4	3°	3.33	2
TST 025050	2.5	8	50	4	5°	3.9	2
TST 025070	2.5	8	50	6	7°	4.46	2
TST 025100	2.5	8	50	6	10°	5.32	2
TST 030005	3	10	50	6	30°	3.17	2
TST 030010	3	10	50	6	1°	3.35	2
TST 030015	3	10	50	6	1°30'	3.52	2
TST 030020	3	10	50	6	2°	3.69	2
TST 030025	3	10	50	6	2°30'	3.87	2
TST 030030	3	10	50	6	3°	4.05	2
TST 030050	3	10	50	6	5°	4.75	2
TST 030070	3	10	50	6	7°	5.46	2
TST 030100	3	10	50	6	10°	6.53	2
TST 040005	4	15	50	6	30°	4.26	2
TST 040010	4	15	50	6	1°	4.52	2
TST 040015	4	15	50	6	1°30'	4.79	2
TST 040020	4	15	50	6	2°	5.04	2
TST 040025	4	15	50	6	2°30'	5.31	2
TST 040030	4	15	50	6	3°	5.57	2
TST 040050	4	15	60	8	5°	6.62	2
TST 040070	4	15	60	8	7°	7.68	2
TST 050005	5	20	60	6	30°	5.34	2
TST 050010	5	20	60	6	1°	5.7	2
TST 050015	5	20	60	6	1°30'	6.04	2
TST 050020	5	20	60	8	2°	6.39	2
TST 050025	5	20	60	8	2°30'	6.74	2
TST 050030	5	20	60	8	3°	7.1	2
TST 050050	5	20	75	10	5°	8.5	2
TST 050070	5	20	75	10	7°	9.91	2
TST 060005	6	20	60	8	30°	6.35	2
TST 060010	6	20	60	8	1°	6.7	2
TST 060015	6	20	60	8	1°30'	7.05	2
TST 060020	6	20	60	8	2°	7.4	2
TST 060025	6	20	60	8	2°30'	7.75	2
TST 060030	6	20	60	8	3°	8.1	2
TST 060050	6	20	75	10	5°	9.5	2
TST 080005	8	25	75	10	30°	8.44	2
TST 080010	8	25	75	10	1°	8.87	2
TST 080015	8	25	75	10	1°30'	9.31	2
TST 080020	8	25	75	10	2°	9.74	2
TST 080025	8	25	75	12	2°30'	10.18	2
TST 080030	8	25	75	12	3°	10.62	2
TST 080050	8	25	100	12	5°	12.37	2
TST 100005	10	35	100	12	30°	10.61	2
TST 100010	10	35	100	12	1°	11.22	2
TST 100015	10	35	100	12	1°30'	11.83	2
TST 100020	10	35	100	12	2°	12.44	2
TST 100025	10	35	100	16	2°30'	13.06	2
TST100030	10	35	100	16	3°	13.67	2
TST 100050	10	35	100	16	5°	16.12	2

