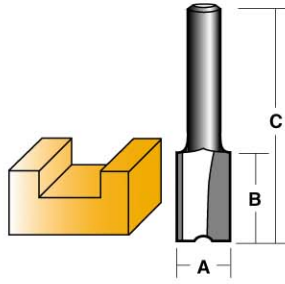


# STRAIGHT BITS

## SOLID CARBIDE & CARBIDE TIPPED

### TWO FLUTE

For all general purpose routing, grooving, rebating. For longer life in routing abrasive type materials.



SOLID CARBIDE  
**6.35 mm (1/4") SHANK**

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
T 206 M	15/64	6	5/8	16	1-1/2	38.1
TX 206 M	15/64	6	1-1/8	28.6	2-1/4	57.1
T 208	1/4	6.35	5/8	15.9	1-1/2	38.1
TX 208	1/4	6.35	1-1/8	28.6	2-1/4	57.1
TXX 208	1/4	6.35	1-1/8	28.6	2-1/2	63.5

CARBIDE TIPPED  
**6.35 mm (1/4") SHANK**

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
T 207 M	-	7	3/4	19	1-3/4	44.4
T 209	9/32	7.1	3/4	19	1-3/4	44.4
T 210	5/16	7.9	3/4	19	1-3/4	44.4
T 208 M	5/16	8	3/4	19	1-3/4	44.4
TX 208 M	5/16	8	1	25.4	2	50.8
T 209 M	23/64	9	3/4	19	1-3/4	44.4
T 212	3/8	9.5	3/4	19	1-3/4	44.4
TX 212	3/8	9.5	1	25.4	2	50.8
T 210 M	25/64	10	3/4	19	1-3/4	44.4
TX 210 M	25/64	10	1	25.4	2	50.8
T 211 M	7/16	11	3/4	19	1-3/4	44.4
T 214	7/16	11.1	3/4	19	1-3/4	44.4
T 212 M	15/32	12	3/4	19	1-3/4	44.4
T 216	1/2	12.7	3/4	19	1-3/4	44.4
TX 216	1/2	12.7	1	25.4	2	50.8
T 213 M	33/64	13	3/4	19	1-3/4	44.4
TX 213 M	33/64	13	1	25.4	2	50.8
T 214 M	35/64	14	3/4	19	1-3/4	44.4
T 218	9/16	14.3	3/4	19	1-3/4	44.4
T 215 M	19/32	15	3/4	19	1-3/4	44.4
T 220	5/8	15.9	3/4	19	1-3/4	44.4
TX 220	5/8	15.9	1	25.4	2	50.8
T 216 M	5/8	16	3/4	19	1-3/4	44.4
TX 216 M	5/8	16	1	25.4	2	50.8
T 216.5 M	21/32	16.5	3/4	19	1-3/4	44.4
T 217 M	43/64	17	3/4	19	1-3/4	44.4
T 222	11/16	17.5	3/4	19	1-3/4	44.4
T 218 M	45/64	18	3/4	19	1-3/4	44.4
TX 218 M	45/64	18	1	25.4	2	50.8
T 218.5 M	-	18.5	3/4	19	1-3/4	44.4
T 219 M	3/4	19	3/4	19	1-3/4	44.4
T 224	3/4	19	3/4	19	1-3/4	44.4
T 219.5 M	49/64	19.5	3/4	19	1-3/4	44.4
T 220 M	-	20	3/4	19	1-3/4	44.4
T 226	13/16	20.6	3/4	19	1-3/4	44.4
T 221 M	53/64	21	3/4	19	1-3/4	44.4
T 222 M	-	22	3/4	19	1-3/4	44.4
T 228	7/8	22.2	3/4	19	1-3/4	44.4
T 225 M	63/64	25	3/4	19	1-3/4	44.4
T 232	1	25.4	3/4	19	1-3/4	44.4

### SINGLE FLUTE

CARBIDE TIPPED  
**12.7 mm (1/2") SHANK**

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
T 1410 MS	25/64	10	1	25.4	2-5/8	67
T 1413 MS	33/64	13	1-1/2	38.1	3-5/32	80.2
T 1416 MS	5/8	16	1-1/2	38.1	3-5/32	80.2

### TWO FLUTE

SOLID CARBIDE INSERT  
**12.7 mm (1/2") SHANK**

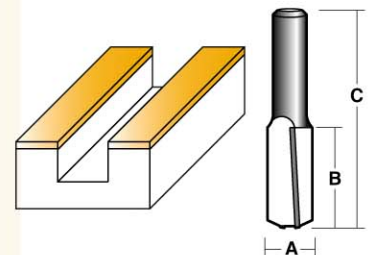
PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
T 1406 M	15/64	6	5/8	15.9	2-3/4	70
T 1408	1/4	6.35	5/8	15.9	2-3/4	70
T 1410	5/16	7.9	3/4	19	2-7/8	73
T 1408 M	5/16	8	3/4	19	2-7/8	73

CARBIDE TIPPED  
**12.7 mm (1/2") SHANK**

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
T 1409 M	23/64	9	1	25.4	2-3/4	70
T 1412	3/8	9.5	1	25.4	2-3/4	70
T 1410 M	25/64	10	1	25.4	2-3/4	70
T 1411 M	7/16	11	1	25.4	2-3/4	70
T 1414	7/16	11.1	1	25.4	2-3/4	70
T 1412 M	15/32	12	1	25.4	2-3/4	70
TX 1412 M	15/32	12	1-1/4	31.8	3	76
T 1416	1/2	12.7	1-1/4	31.8	3	76
TX 1416	1/2	12.7	2	50.8	3-3/4	95
T 1413 M	33/64	13	1-1/4	31.8	3	76
TX 1413 M	33/64	13	2	50.8	3-3/4	95
T 1414 M	35/64	14	1-1/4	31.8	3	76
T 1418	9/16	14.3	1-1/4	31.8	3	76
T 1415 M	19/32	15	1-1/2	38.1	3-1/4	82
T 1420	5/8	15.9	1-1/2	38.1	3-1/4	82
TX 1420	5/8	15.9	2	50.8	3-3/4	95
T 1416 M	5/8	16	1-1/2	38.1	3-1/4	82
TX 1416 M	5/8	16	2	50.8	3-3/4	95
T 1416.5 M	21/32	16.5	1-1/2	38.1	3-1/4	82
T 1417 M	43/64	17	1-1/2	38.1	3-1/4	82
T 1422	11/16	17.5	1-1/2	38.1	3-1/4	82
T 1418 M	45/64	18	1-1/2	38.1	3-1/4	82
TX 1418 M	45/64	18	2	50.8	3-3/4	95
T 1418.5 M	-	18.5	1-1/2	38.1	3-1/4	82
T 1419 M	3/4	19	1-1/2	38.1	3-1/4	82
TX 1419 M	3/4	19	2	50.8	3-3/4	95
T 1424	3/4	19	1-1/2	38.1	3-1/4	82
TX 1424	3/4	19	2	50.8	3-3/4	95
T 1419.5 M	49/64	19.5	1-1/2	38.1	3-1/4	82
T 1420 M	-	20	1-1/2	38.1	3-1/4	82
T 1426	13/16	20.6	1-1/2	38.1	3-1/4	82
T 1428	7/8	22.2	1-1/2	38.1	3-1/4	82
T 1425 M	63/64	25	1-1/2	38.1	3-1/4	82
T 1432	1	25.4	1-1/2	38.1	3-1/4	82
T 1436	1-1/8	28.6	1-1/4	31.8	3	76
T 1432 M	-	32	1-1/4	31.8	3	76
T 1435 M	1-3/8	35	1-1/4	31.8	3	76
T 1448	1-1/2	38.1	1-1/4	31.8	3	76
T 1452	1-5/8	41.3	1-1/4	31.8	3	76
T 1456	1-3/4	44.4	1-1/4	31.8	3	76
T 1460	1-7/8	47.6	1-1/4	31.8	3	76
T 1464	2	50.8	1-1/4	31.8	3	76

### STRAIGHT BIT WITH DOWN SHEAR

Reduces top edge breakout. Ideal for veneered and laminated boards.



PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
TSH 1424	3/4	19.0	1-1/2	38.1	3-1/4	82
TSHX 1424	3/4	19.0	1-61/64	50.0	3-23/37	94.5

