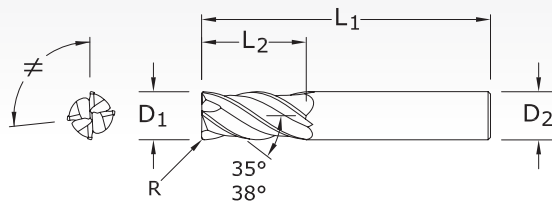


# Z-Carb-AP Variable Rake End Mills



## Z1MPCR METRIC SERIES



TECH INFO 58

- STEELS
- STAINLESS STEELS
- CAST IRON
- HIGH TEMP ALLOYS
- TITANIUM

CUTTING DIAMETER D <sub>1</sub>	LENGTH OF CUT L <sub>2</sub>	mm			EDP NO.		
		OVERALL LENGTH L <sub>1</sub>	SHANK DIAMETER D <sub>2</sub>	CORNER RADIUS R	Ti-NAMITE-X	Ti-NAMITE-X W/FLAT	JetStream*
1,5	4,5	57,0	6,0	0,1	46849	—	—
2,0	6,0	57,0	6,0	0,2	48850	—	—
3,0	8,0	57,0	6,0	0,3	46851	—	—
3,0	8,0	57,0	6,0	0,5	46880	—	—
4,0	11,0	57,0	6,0	0,3	46852	—	—
4,0	11,0	57,0	6,0	0,5	46881	—	—
5,0	6,0	57,0	13,0	0,3	46853	—	—
6,0	6,0	57,0	13,0	0,25	46882	—	—
6,0	6,0	57,0	13,0	0,5	46854	—	—
6,0	6,0	57,0	13,0	1,0	46855	—	—
6,0	6,0	57,0	13,0	1,5	46884	—	—
8,0	8,0	63,0	19,0	0,5	46856	—	—
8,0	8,0	63,0	19,0	1,0	46857	—	—
8,0	8,0	63,0	19,0	1,5	46886	—	—
8,0	8,0	63,0	19,0	2,0	46887	—	—
10,0	10,0	72,0	22,0	0,5	46858	—	—
10,0	10,0	72,0	22,0	1,0	46859	—	—
10,0	10,0	72,0	22,0	1,5	46889	—	—
10,0	10,0	72,0	22,0	2,0	46890	—	—
10,0	10,0	72,0	22,0	2,5	46891	—	—
12,0	12,0	83,0	26,0	0,5	46860	46909	—
12,0	12,0	83,0	26,0	0,75	46861	46910	—
12,0	12,0	83,0	26,0	1,0	46893	46911	—
12,0	12,0	83,0	26,0	1,5	46894	46912	—
12,0	12,0	83,0	26,0	2,0	46895	46913	—
12,0	12,0	83,0	26,0	2,5	46896	46914	—
12,0	12,0	83,0	26,0	3,0	42718	46915	—
14,0	14,0	83,0	26,0	1,0	46862	46916	46494
16,0	16,0	92,0	32,0	1,0	46863	46917	46495
16,0	16,0	92,0	32,0	1,5	46898	46918	—
16,0	16,0	92,0	32,0	2,0	46899	46919	—
16,0	16,0	92,0	32,0	2,5	46900	46920	—
16,0	16,0	92,0	32,0	3,0	46864	46921	—
20,0	20,0	104,0	38,0	1,0	46865	46922	46497
20,0	20,0	104,0	38,0	1,5	46903	46923	—
20,0	20,0	104,0	38,0	2,0	46904	46924	—
20,0	20,0	104,0	38,0	2,5	46905	46925	—
20,0	20,0	104,0	38,0	3,0	42722	46926	—
25,0	25,0	104,0	38,0	1,0	46866	46927	46498

### TOLERANCES (mm)

- <3 DIAMETER**
- D<sub>1</sub> = +0,012/-0,012
- D<sub>2</sub> = h<sub>6</sub>
- R = +0,000/-0,025
- 3-6 DIAMETER**
- D<sub>1</sub> = +0,000/-0,030
- D<sub>2</sub> = h<sub>6</sub>
- R = +0,000/-0,050
- >6-10 DIAMETER**
- D<sub>1</sub> = +0,000/-0,040
- D<sub>2</sub> = h<sub>6</sub>
- R = +0,000/-0,050
- >10-25 DIAMETER**
- D<sub>1</sub> = +0,000/-0,050
- D<sub>2</sub> = h<sub>6</sub>
- R = +0,000/-0,050

U.S. Patents 7,306,408 and 7,789,597  
\*JetStream Patented Coolant Technology

