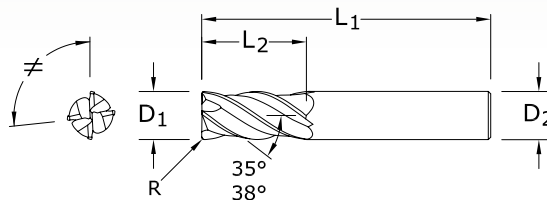




# Z-Carb-AP Variable Rake End Mills



## Z1MPCR METRIC SERIES

TECH INFO 22

### TOLERANCES (mm)

#### <3 DIAMETER

$$D_1 = +0,012/-0,012$$

$$D_2 = h_6$$

$$R = +0,000/-0,025$$

#### 3-6 DIAMETER

$$D_1 = +0,000/-0,030$$

$$D_2 = h_6$$

$$R = +0,000/-0,050$$

#### >6-10 DIAMETER

$$D_1 = +0,000/-0,040$$

$$D_2 = h_6$$

$$R = +0,000/-0,050$$

#### >10-25 DIAMETER

$$D_1 = +0,000/-0,050$$

$$D_2 = h_6$$

$$R = +0,000/-0,050$$

CUTTING DIAMETER $D_1$	LENGTH OF CUT $L_2$	mm			CORNER RADIUS $R$	EDP NO.	
		OVERALL LENGTH $L_1$	SHANK DIAMETER $D_2$			Ti-NAMITE-X	Ti-NAMITE-X W/FLAT
1,5	4,5	57,0	6,0	0,1		46849	--
2,0	6,0	57,0	6,0	0,2		46850	--
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	13,0	57,0	6,0	0,3		46853	--
6,0	13,0	57,0	6,0	0,25		46882	--
6,0	13,0	57,0	6,0	0,5		46854	--
6,0	13,0	57,0	6,0	1,0		46855	--
6,0	13,0	57,0	6,0	1,5		46884	--
8,0	19,0	63,0	8,0	0,5		46856	--
8,0	19,0	63,0	8,0	1,0		46857	--
8,0	19,0	63,0	8,0	1,5		46886	--
8,0	19,0	63,0	8,0	2,0		46887	--
10,0	22,0	72,0	10,0	0,5		46858	--
10,0	22,0	72,0	10,0	1,0		46859	--
10,0	22,0	72,0	10,0	1,5		46889	--
10,0	22,0	72,0	10,0	2,0		46890	--
10,0	22,0	72,0	10,0	2,5		46891	--
12,0	26,0	83,0	12,0	0,5		46860	46909
12,0	26,0	83,0	12,0	0,75		46861	46910
12,0	26,0	83,0	12,0	1,0		46893	46911
12,0	26,0	83,0	12,0	1,5		46894	46912
12,0	26,0	83,0	12,0	2,0		46895	46913
12,0	26,0	83,0	12,0	2,5		46896	46914
12,0	26,0	83,0	12,0	3,0		42718	46915
14,0	26,0	83,0	14,0	1,0		46862	46916
16,0	32,0	92,0	16,0	1,0		46863	46917
16,0	32,0	92,0	16,0	1,5		46898	46918
16,0	32,0	92,0	16,0	2,0		46899	46919
16,0	32,0	92,0	16,0	2,5		46900	46920
16,0	32,0	92,0	16,0	3,0		46864	46921
16,0	32,0	92,0	16,0	4,0		46867	46944
20,0	38,0	104,0	20,0	1,0		46865	46922
20,0	38,0	104,0	20,0	1,5		46903	46923
20,0	38,0	104,0	20,0	2,0		46904	46924
20,0	38,0	104,0	20,0	2,5		46905	46925
20,0	38,0	104,0	20,0	3,0		42722	46926
20,0	38,0	104,0	20,0	4,0		46868	46945
20,0	38,0	104,0	20,0	5,0		46869	46946
25,0	38,0	104,0	25,0	1,0		46866	46927

Any radii available – 7-10 day delivery

U.S. Patents 7,306,408 and 7,789,597

