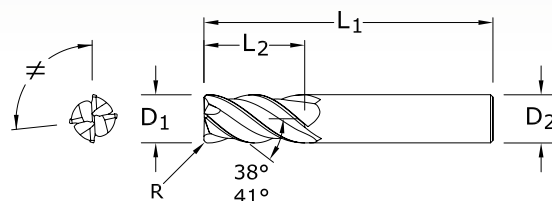


# Z-Carb-HTA End Mills



## ZH1MCR

METRIC SERIES

TECH INFO 27

HIGH TEMP ALLOYS

TITANIUM

CUTTING DIAMETER D <sub>1</sub>	LENGTH OF CUT L <sub>2</sub>	mm		SHANK DIAMETER D <sub>2</sub>	CORNER RADIUS R	EDP NO.	
		OVERALL LENGTH L <sub>1</sub>				Ti-NAMITE-A (AlTiN)	Ti-NAMITE-A (AlTiN) W/FLAT
6,0	13,0	57,0	6,0	0,5		46450	—
6,0	13,0	57,0	6,0	1,0		46451	—
6,0	13,0	57,0	6,0	1,5		46452	—
8,0	19,0	63,0	8,0	0,5		46453	—
8,0	19,0	63,0	8,0	1,0		46454	—
8,0	19,0	63,0	8,0	1,5		46455	—
10,0	22,0	72,0	10,0	0,5		46456	—
10,0	22,0	72,0	10,0	1,0		46457	—
10,0	22,0	72,0	10,0	1,5		46458	—
10,0	22,0	72,0	10,0	2,0		46459	—
12,0	26,0	83,0	12,0	0,5		46460	46471
12,0	26,0	83,0	12,0	1,0		46461	46472
12,0	26,0	83,0	12,0	1,5		46462	46473
12,0	26,0	83,0	12,0	2,0		46463	46474
12,0	26,0	83,0	12,0	3,0		46464	46475
16,0	32,0	92,0	16,0	1,5		46465	46476
16,0	32,0	92,0	16,0	2,0		46466	46477
16,0	32,0	92,0	16,0	3,0		46467	46478
20,0	38,0	104,0	20,0	3,0		46468	46479
20,0	38,0	104,0	20,0	4,0		46469	46480
20,0	38,0	104,0	20,0	5,0		46470	46481

Any radii available – 7-10 day delivery

### TOLERANCES (mm)

#### 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

#### >10–20 DIAMETER

D<sub>1</sub> = +0,000/–0,050

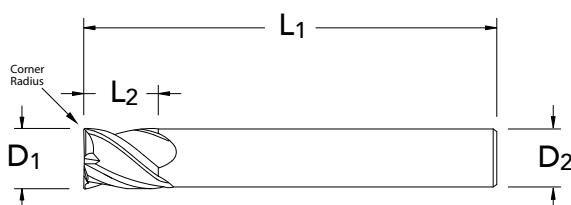
D<sub>2</sub> = h<sub>6</sub>

R = +0,000/–0,050

## ZH1MCRS

Z-CARB HTA STUB

TECH INFO 27



CUTTING DIAMETER D <sub>1</sub>	LENGTH OF CUT L <sub>2</sub>	mm		SHANK DIAMETER D <sub>2</sub>	CORNER RADIUS R	EDP NO. Ti-NAMITE-A (AlTiN)
		OVERALL LENGTH L <sub>1</sub>				
6,00	10,00	54,00	6,00	0,50		42712
8,00	12,00	63,00	8,00	0,50		42713
10,00	14,00	66,00	10,00	0,50		42714
12,00	16,00	73,00	12,00	0,75		42715
16,00	22,00	82,00	16,00	1,00		42716
20,00	26,00	92,00	20,00	1,00		42717

Any radii available – 7-10 day delivery