



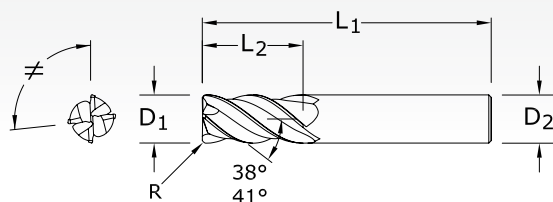
## ZH1CR

FRACTIONAL SERIES

TECH INFO 68

HIGH TEMP ALLOYS

TITANIUM



CUTTING DIAMETER D <sub>1</sub>	LENGTH OF CUT L <sub>2</sub>	OVERALL LENGTH L <sub>1</sub>	SHANK DIAMETER D <sub>2</sub>	CORNER RADIUS R	EDP NO.	
					Ti-NAMITE-A (AlTiN)	Ti-NAMITE-A (AlTiN) W/FLAT
1/4	1/2	2-1/2	1/4	.015-.020	36570	—
1/4	3/4	2-1/2	1/4	.015-.020	36616	—
5/16	13/16	2-1/2	5/16	.015-.020	36571	—
3/8	7/8	2-1/2	3/8	.015-.020	36572	36555
7/16	1	2-3/4	7/16	.015-.020	36573	36556
1/2	1	3	1/2	.025-.030	36574	36557
1/2	1-1/4	3-1/4	1/2	.025-.030	36618	36617
9/16	1-1/8	3-1/2	9/16	.025-.030	36575	36558
5/8	1-1/4	3-1/2	5/8	.035-.040	36576	36559
3/4	1-1/2	4	3/4	.035-.040	36577	36560
1	1-1/2	4	1	.035-.040	36578	36561

### TOLERANCES (inch)

#### 1/4 DIAMETER

D<sub>1</sub> = +0.0000/-0.0012

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

#### >1/4-3/8 DIAMETER

D<sub>1</sub> = +0.0000/-0.0016

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

#### >3/8-1 DIAMETER

D<sub>1</sub> = +0.0000/-0.0020

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

## ZH1MCR

METRIC SERIES

TECH INFO 68

CUTTING DIAMETER D <sub>1</sub>	LENGTH OF CUT L <sub>2</sub>	OVERALL LENGTH L <sub>1</sub>	SHANK DIAMETER D <sub>2</sub>	CORNER RADIUS R	EDP NO.	
					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

### 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