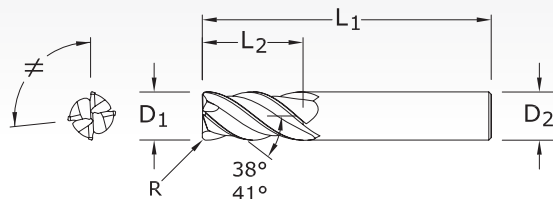


Z-Carb-HTA End Mills



ZH1CR

FRACTIONAL SERIES

TECH INFO 61

CUTTING DIAMETER D ₁	LENGTH OF CUT L ₂	inch			CORNER RADIUS R	EDP NO.	
		OVERALL LENGTH L ₁	SHANK DIAMETER D ₂			Ti-NAMITE-A (AlTiN)	Ti-NAMITE-A (AlTiN) W/FLAT
1/4	1/2	2-1/2	1/4	0.015-0.020	36570	-	
1/4	3/4	2-1/2	1/4	0.015-0.020	36616	-	
5/16	13/16	2-1/2	5/16	0.015-0.020	36571	-	
3/8	7/8	2-1/2	3/8	0.015-0.020	36572	36555	
7/16	1	2-3/4	7/16	0.015-0.020	36573	36556	
1/2	1	3	1/2	0.025-0.030	36574	36557	
1/2	1-1/4	3-1/4	1/2	0.025-0.030	36618	36617	
9/16	1-1/8	3-1/2	9/16	0.025-0.030	36575	36558	
5/8	1-1/4	3-1/2	5/8	0.035-0.040	36576	36559	
3/4	1-1/2	4	3/4	0.035-0.040	36577	36560	
1	1-1/2	4	1	0.035-0.040	36578	36561	

HIGH TEMP ALLOYS

TITANIUM

TOLERANCES (inch)

1/4 DIAMETER

D₁ = +0.000/-0.0012

D₂ = h₆

>1/4-3/8 DIAMETER

D₁ = +0.000/-0.0016

D₂ = h₆

>3/8-1 DIAMETER

D₁ = +0.000/-0.002

D₂ = h₆

ZH1MCR

METRIC SERIES

TECH INFO 61

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-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

D₁ = +0.000/-0.030

D₂ = h₆

R = +0.000/-0.050

>6-10 DIAMETER

D₁ = +0.000/-0.040

D₂ = h₆

R = +0.000/-0.050

>10-20 DIAMETER

D₁ = +0.000/-0.050

D₂ = h₆

R = +0.000/-0.050