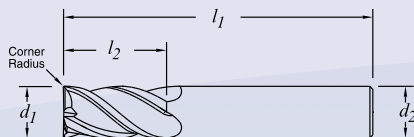




Z-Carb-HTA End Mills for High Temperature Alloys

Fractional
Series

ZH1CR



Tolerances (inch)

Diameter	d ₁	d ₂
1/4	+.0000/- .0012	
1/4 - 3/8		-.0001/- .0003
> 1/4 - 3/8	+.0000/- .0016	
> 3/8 - 1	+.0000/- .0020	-.0001/- .0004



Series ZH1CR • ZH1MCR



Z-Carb-HTA End Mills for High
Temperature Alloys – 4-Flute –
Corner Radius

Serie ZH1CR • ZH1MCR



Fresas Z-Carb-HTA para aleaciones
de alta temperatura – 4 filos –
Radio de esquina

Série ZH1CR • ZH1MCR

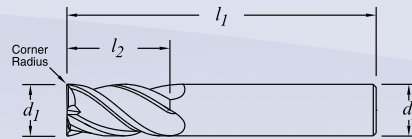


Fraises à queue Z-Carb-HTA pour
alliages haute température – 4
goujures – Rayon de coin

Cutting Diameter d ₁	Length of Cut l ₂	Overall Length l ₁	Shank Diameter d ₂	Corner Radius	Ti-NAMITE-A (AlTiN)	
					EDP Number	EDP Number w/Flat
1/4	1/2	2-1/2	1/4	.015 – .020	36570	–
1/4	3/4	2-1/4	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

**Z-Carb-HTA End Mills
for High Temperature Alloys**

Tolerances (mm)		
Diameter	d_1	d_2
6	+0,000/-0,030	
6 – 10		-0,0025/-0,0075
> 6 – 10	+0,000/-0,040	
> 10 – 20	+0,000/-0,050	-0,0025/-0,0100



Corner Radius Tolerances		
		+0,000/-0,050

Cutting Diameter d_1 mm	Length of Cut l_2 mm	Overall Length l_1 mm	Shank Diameter d_2 mm	Corner Radius	Ti-NAMITE-A (AlTiN)	
					EDP No.	EDP No. w/Flat
6	13	57	6	0.5	46450	—
6	13	57	6	1.0	46451	—
6	13	57	6	1.5	46452	—
8	19	63	8	0.5	46453	—
8	19	63	8	1.0	46454	—
8	19	63	8	1.5	46455	—
10	22	72	10	0.5	46456	—
10	22	72	10	1.0	46457	—
10	22	72	10	1.5	46458	—
10	22	72	10	2.0	46459	—
12	26	83	12	0.5	46460	46471
12	26	83	12	1.0	46461	46472
12	26	83	12	1.5	46462	46473
12	26	83	12	2.0	46463	46474
12	26	83	12	3.0	46464	46475
16	32	92	16	1.5	46465	46476
16	32	92	16	2.0	46466	46477
16	32	92	16	3.0	46467	46478
16	32	92	16	4.0	46482	46483
20	38	104	20	3.0	46468	46479
20	38	104	20	4.0	46469	46480
20	38	104	20	5.0	46470	46481

