



Series ZD1CR • ZD1MCR

Z-Carb-MD End Mills for Mold & Die Applications – 4-Flute – Corner Radius

Serie ZD1CR • ZD1MCR

Fresas Z-Carb-MD para aplicaciones de moldes y matrices – 4 filos – Radio de esquina

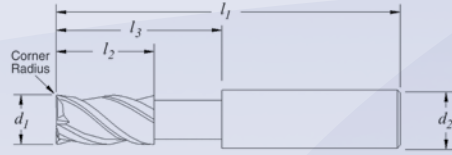
Série ZD1CR • ZD1MCR

Fraises à queue Z-Carb-MD pour moules et filières – 4 goujures – Rayon de coin

Z-Carb-MD End Mills for Mold & Die Applications

Fractional Series

ZD1CR



Tolerances (inch)

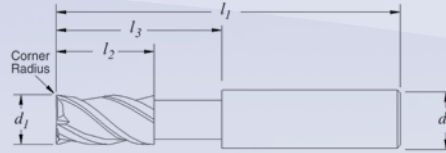
Diameter	d ₁	d ₂
1/8 – 1/4	+0.0000/–0.0012	
1/4	+0.0000/–0.0012	
1/8 – 3/8		–0.0001/–0.0003
> 1/4 – 3/8	+0.0000/–0.0016	
> 3/8 – 1	+0.0000/–0.0020	–0.0001/–0.0004

Cutting Diameter d ₁	Length of Cut l ₂	Overall Length l ₁	Shank Diameter d ₂	Reach l ₃	Corner Radius	Ti-NAMITE-A (AlTiN) EDP Number
1/8	5/32	2-1/2	1/4	1/2	.010	36780
3/16	7/32	2-1/2	1/4	3/4	.020	36781
1/4	9/32	2-1/2	1/4	3/4	.020	36782
5/16	13/32	2-1/2	5/16	1	.040	36783
3/8	15/32	2-1/2	3/8	1	.040	36784
7/16	9/16	2-3/4	7/16	1	.040	36785
1/2	5/8	3	1/2	1-1/4	.040	36786
1/2	5/8	4-1/2	1/2	2-1/4	.040	36787
5/8	3/4	3-1/2	5/8	1-1/2	.040	36788
5/8	3/4	4-1/2	5/8	2-1/4	.040	36789
5/8	3/4	5-1/2	5/8	3-1/4	.040	36790
3/4	15/16	4	3/4	1-3/4	.060	36791
3/4	15/16	4-1/2	3/4	2-1/4	.060	36792
3/4	15/16	5-1/2	3/4	3-1/4	.060	36793

Z-Carb-MD End Mills for Mold & Die Applications



Diameter	Tolerances (mm)	
	d_1	d_2
3 – 6	+0,000/–0,030	
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



Cutting Diameter d_1 mm	Length of Cut l_2 mm	Overall Length l_1 mm	Shank Diameter d_2 mm	Reach l_3 mm	Corner Radius	Ti-NAMITE-A (AlTiN) EDP Number
3	4	57	6	15	0.2	46560
4	5	57	6	15	0.3	46561
5	6	57	6	15	0.5	46562
6	7	57	6	15	1	46563
8	10	63	8	25	1	46564
10	12	72	10	30	1	46565
12	15	83	12	35	1	46566
16	20	92	16	45	1.5	46567
20	24	104	20	55	2	46568

