

4 Flute - Single End - Corner Radius

E

Series1CR - Corner Radius - Square End
Micrograin Solid Carbide

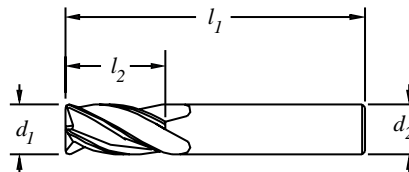
4 Flute - 30° Right Hand Spiral
 - Right Hand Cutting - Center Cutting
 * Weldon Flat on Shank



ES

Fresas serie 1CR - Radio en la punta - Punta plana
Carburo sólido con micrograno

4 filos – Hélice a derecha 30° – Corte a derecha
 – Corte al centro
 * Zanco con Weldon



FR

Fraises Série 1CR - Rayon en bout - Bout plat
Carbure monobloc micrograin

4 dents - Hélice à droite 30° - Coupe à droite -
 Coupe au centre
 * Méplat Weldon sur queue

Nominal Cutting Diameter d ₁	Actual Cutting Diameter	Shank Diameter d ₂	Length of Cut l ₂	Overall Length l ₁	Uncoated 0.015 EDP No.	Uncoated 0.020 EDP No.	Uncoated 0.030 EDP No.	Uncoated 0.045 EDP No.	Uncoated 0.060 EDP No.	Uncoated 0.090 EDP No.	Uncoated 0.125 EDP No.
1/8	.1240-.1230	1/8	1/2	1-1/2	38001	38003					
3/16	.1865-.1855	3/16	5/8	2	38009	38011	38013				
1/4	.2490-.2480	1/4	3/4	2-1/2	38019	38021	38023	38025			
5/16	.3115-.3105	5/16	13/16	2-1/2	38031	38033	38035	38037			
* 3/8	.3740-.3730	3/8	1	2-1/2	38045	38047	38049	38051			
* 1/2	.4990-.4980	1/2	1	3	38059	38061	38063	38065	38067		
* 5/8	.6240-.6230	5/8	1-1/4	3-1/2	38073	38075	38077	38079	38081	38083	
* 3/4	.7490-.7480	3/4	1-1/2	4	38087	38089	38091	38093	38095	38097	38099
* 1	.9990-.9980	1	1-1/2	4	38101	38103	38105	38107	38109	38111	38113

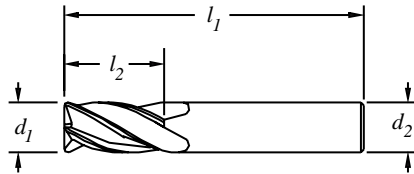
Nominal Cutting Diameter d ₁	Actual Cutting Diameter	Shank Diameter d ₂	Length of Cut l ₂	Overall Length l ₁	(TiN) Ti-NAMITE 0.015 EDP No.	(TiN) Ti-NAMITE 0.020 EDP No.	(TiN) Ti-NAMITE 0.030 EDP No.	(TiN) Ti-NAMITE 0.045 EDP No.	(TiN) Ti-NAMITE 0.060 EDP No.	(TiN) Ti-NAMITE 0.090 EDP No.	(TiN) Ti-NAMITE 0.125 EDP No.
1/8	.1240-.1230	1/8	1/2	1-1/2	38002	38004					
3/16	.1865-.1855	3/16	5/8	2	38010	38012	38014				
1/4	.2490-.2480	1/4	3/4	2-1/2	38020	38022	38024	38026			
* 5/16	.3115-.3105	5/16	13/16	2-1/2	38032	38034	38036	38038			
* 3/8	.3740-.3730	3/8	1	2-1/2	38046	38048	38050	38052			
* 1/2	.4990-.4980	1/2	1	3	38060	38062	38064	38066	38068		
* 5/8	.6240-.6230	5/8	1-1/4	3-1/2	38074	38076	38078	38080	38082	38084	
* 3/4	.7490-.7480	3/4	1-1/2	4	38088	38090	38092	38094	38096	38098	38100
1	.9990-.9980	1	1-1/2	4	38102	38104	38106	38108	38110	38112	38114

TOLERANCES

d₁ = -.001-.002
 d₂ = -.0001-.0004
 r = +.000-.002

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4 Flute - 30° Right Hand Spiral
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Fresas serie 1CR - Radio en la punta - Punta Plana Carburo sólido con micrograno

4 filos - Hélice a derecha 30° - Corte a derecha
- Corte al centro
* Zanco con Weldon

FR

Fraises Série 1CR - Rayon en bout - Bout Plat Carbure monobloc micrograin

4 dents - Hélice à droite 30° - Coupe à droite
- Coupe au centre
* Méplat Weldon sur queue

1

Nominal Cutting Diameter d_1	Actual Cutting Diameter	Shank Diameter d_2	Length of Cut l_2	Overall Length l_1	(TiCN)	(TiCN)	(TiCN)	(TiCN)	(TiCN)	(TiCN)	(TiCN)
					Ti-NAMITE-C 0.015 EDP No.	Ti-NAMITE-C 0.020 EDP No.	Ti-NAMITE-C 0.030 EDP No.	Ti-NAMITE-C 0.045 EDP No.	Ti-NAMITE-C 0.060 EDP No.	Ti-NAMITE-C 0.090 EDP No.	Ti-NAMITE-C 0.125 EDP No.
1/8	.1240-.1230	1/8	1/2	1-1/2	38115	38116					
3/16	.1865-.1855	3/16	5/8	2	38117	38118	38119				
1/4	.2490-.2480	1/4	3/4	2-1/2	38120	38121	38122	38123			
5/16	.3115-.3105	5/16	13/16	2-1/2	38124	38125	38126	38127			
* 3/8	.3740-.3730	3/8	1	2-1/2	38128	38129	38130	38131			
* 1/2	.4990-.4980	1/2	1	3	38132	38133	38134	38135	38136		
* 5/8	.6240-.6230	5/8	1-1/4	3-1/2	38137	38138	38139	38140	38141	38142	
* 3/4	.7490-.7480	3/4	1-1/2	4	38143	38144	38145	38146	38147	38148	38149
* 1	.9990-.9980	1	1-1/2	4	38150	38151	38152	38153	38154	38155	38156

Nominal Cutting Diameter d_1	Actual Cutting Diameter	Shank Diameter d_2	Length of Cut l_2	Overall Length l_1	(AlTiN)	(AlTiN)	(AlTiN)	(AlTiN)	(AlTiN)	(AlTiN)	(AlTiN)
					Ti-NAMITE-A 0.015 EDP No.	Ti-NAMITE-A 0.020 EDP No.	Ti-NAMITE-A 0.030 EDP No.	Ti-NAMITE-A 0.045 EDP No.	Ti-NAMITE-A 0.060 EDP No.	Ti-NAMITE-A 0.090 EDP No.	Ti-NAMITE-A 0.125 EDP No.
1/8	.1240-.1230	1/8	1/2	1-1/2	38157	38158					
3/16	.1865-.1855	3/16	5/8	2	38159	38160	38161				
1/4	.2490-.2480	1/4	3/4	2-1/2	38162	38163	38164	38165			
5/16	.3115-.3105	5/16	13/16	2-1/2	38166	38167	38168	38169			
* 3/8	.3740-.3730	3/8	1	2-1/2	38170	38171	38172	38173			
* 1/2	.4990-.4980	1/2	1	3	38174	38175	38176	38177	38178		
* 5/8	.6240-.6230	5/8	1-1/4	3-1/2	38179	38180	38181	38182	38183	38184	
* 3/4	.7490-.7480	3/4	1-1/2	4	38185	38186	38187	38188	38189	38190	38191
* 1	.9990-.9980	1	1-1/2	4	38192	38193	38194	38195	38196	38197	38198

TOLERANCES

$d_1 = -.001-.002$
 $d_2 = -.0001-.0004$
 $r = +.000-.002$