



Carbide

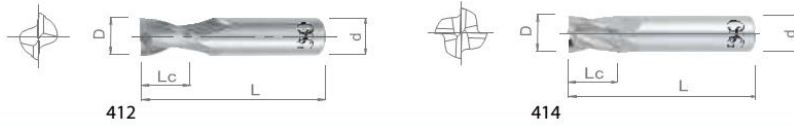
Micrograin Carbide End Mills

List 412, 414

2 or 4 Flute, Stub Length

SPEED FEED P1261- 1267	CARBIDE	TiAlN	TiCN	BR		30°

Milling Diameter Tolerance	
1/32 ≤ D ≤ 3/4	+0 / -0.002"



Units: Inch

EDP Number					Mill Diameter	Overall Length	Length of Cut	Shank Diameter
List 412 (2 Flute)			List 414 (4 Flute)					
Bright	TiCN	TiAlN	Bright	TiAlN	D	L	Lc	d
412-0312	412-031208	412-031211	414-0312	414-031211	1/32	1-1/2	5/64	1/8
412-0469	-	412-046911	414-0469	414-046911	3/64	1-1/2	3/32	1/8
412-0625	-	412-062511	414-0625	414-062511	1/16	1-1/2	1/8	1/8
412-0781	-	-	414-0781	414-078111	5/64	1-1/2	5/32	1/8
412-0938	412-093808	-	414-0938	414-093811	3/32	1-1/2	3/16	1/8
412-1094	-	-	414-1094	414-109411	7/64	1-1/2	7/32	1/8
412-1250	-	412-125011	414-1250	414-125011	1/8	1-1/2	1/4	1/8
412-1406	-	-	414-1406	414-140611	9/64	2	9/32	3/16
412-1562	412-156208	-	414-1562	414-156211	5/32	2	5/16	3/16
412-1875	412-187508	412-187511	414-1875	414-187511	3/16	2	3/8	3/16
412-2188	-	-	414-2188	414-218811	7/32	2	7/16	1/4
412-2500	-	412-250011	414-2500	414-250011	1/4	2	1/2	1/4
412-3125	-	412-312511	414-3125	414-312511	5/16	2	1/2	5/16
412-3750	-	412-375011	414-3750	414-375011	3/8	2	5/8	3/8
412-4375	-	-	414-4375	414-437511	7/16	2-1/2	5/8	7/16
412-5000	412-500008	412-500011	414-5000	414-500011	1/2	2-1/2	5/8	1/2
412-6250	-	-	414-6250	414-625011	5/8	3	3/4	5/8
412-7500	-	-	414-7500	414-750011	3/4	3	1	3/4

Packed: 1 pc.
EDP's listed above are stocked standard, other coatings available upon request.
Specify treatment at time of order.



Work Material																		
Chart applies to all list numbers above	P					M			K	N		S		H				
	Carbon Steels			Alloy Steels	Die Steels	Stainless Steels			Cast Iron	Aluminum		Nickel Alloy	Titanium	Hardened Steels				
	Low	Med.	High	4140 4340	300	400	17-4 PH	6061 7075		Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC		
-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

good best

