

## Proizvodni program

### Proizvajamo :

- orodja iz karbidne trdine
- PCD in CBN orodja
- krožne žage s PCD ozobljenjem
- PCD in CBN stružne ploščice





Spoštovana stranka,

smo družinsko podjetje, ki se od leta 1969 ukvarja z rezalnimi orodji za profesionalno obdelavo kovin, lesa in drugih materialov. Naše geslo, ki mu je podrejeno vse, je: VRHUNSKA KVALITETA IZDELKOV IN STORITEV!

Razvijamo, izdelujemo in dobavljamo obsežen izbor trdo-kovinskega in DIA (PKD) rezalnega orodja, ki ga izdelujemo iz prvovrstnih materialov, po najnovejših tehnologijah in na najsodobnejših CNC strojih. To in velike izkušnje ter znanje dajejo vrhunske profesionalne izdelke, ki se odlikujejo z odličnimi rezalnimi lastnostmi, obstojnostjo in optimalnim razmerjem med ceno in zmogljivostjo. Vsak naš izdelek, preden zapusti podjetje, je podvržen preizkusom oziroma kontrolnim meritvam na visoko preciznih merilnih napravah in dobi nato svoj "potni list", ki ga spremlja do konca uporabne dobe. Na ta način lahko izdelek vseskozi spremljamo, vpeljujemo morebitne potrebne izboljšave ali spremembe, itd. - in tudi tako zagotavljamo vrhunsko kvaliteto in napredek prav vsakega našega izdelka!

Vzporedno s proizvodnjo opravljamo tudi ostrenje rezalnega orodja.

Zahvaljujoč svojim dolgoletnim izkušnjam, tradicionalni naravnosti podjetja, kvalitetnim kadrom in fleksibilnosti podjetja nudimo tudi prvovrsten servis ter svetovanje: skupaj s stranko poiščemo za njene individualne potrebe najustreznejšo rešitev, ki daje optimalno razmerje med ceno in zmogljivostjo oziroma najmanjšo ceno na enoto strankinega proizvoda.

Dolgoletne izkušnje, dosledna uporaba samo najbolj kakovostnih materialov, uporaba novih proizvodnih tehnologij ter izdelava na najsodobnejših CNC strojih, individualni servis in maksimalna prilagodljivost stranki - to je podjetje CAJHEN!

DIREKTOR  
Matjaž Cajhen, ing.str.

Respected customer,

we are a family business, established in 1969 and specialized in cutting tools for metal, wood and other materials. Our motto, which is our guiding line, is : TOP QUALITY PRODUCTS AND SERVICES !

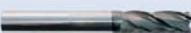
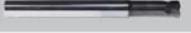
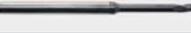
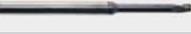
We develop, produce and provide a wide range of hard-metal and PCD (PKD) cutting tools, which we produce from the best materials, using the newest technologies and CNC machines. All that, combined with a lot of experience and knowledge provide top quality products, best cutting properties, persistence and an optimized price/performance relation. Each our product is tested and controlled on high-precision measuring devices, after which it gets its own "passport" that goes with the product all the time of its use. This enables us to watch our product all of its lifetime, induce possibly needed modifications, and by all that insure highest quality and progress for each of our product !

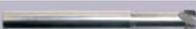
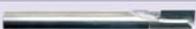
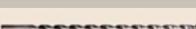
Parallel with producing them we also provide the sharpening of cutting tools.

Due to many years of experience, the traditional orientation of our company, qualitative employees and the flexibility of our company, we also provide first class servicing and counselling: together with our customer we seek for the best possible solutions for his individual needs, which gives the optimal relation between price and performance that results in the smallest price per every unit, produced by our customer.

Longlife experience, persisting use of only the best materials, the use of new production technologies together with the newest CNC machines, an individual service and the highest adaptivity to our customers needs-that is the CAJHEN company!

GENERAL MANAGER  
Matjaž Cajhen, mach. eng.

	Z	Stran Page	Artikel	HSC	HRC <55	HRC <64	GG/ G	inox	Ti	Al	Cu	CuZn	Grafit
<b>FINA OBDELAVA FINISHING</b>		2	8	E 303-2		0	0	0					
		3	9	E 303-3		0	0	0					
		4	10	E 303-4		0	0	0					
		2	12	303-2		0	0	0					
		3	13	303-3		0	0	0					
		4	14	303-4-MM		0	0	0					
		4	15	303-4		0	0	0					
		3	16	304-3		0	0	0					
		4	17	304-4-MM		0	0	0					
		4	18	304-4		0	0	0					
		4	19	312-4		0	0	0	0				
		4	20	313-4		0	0	0	0				
		6-10	29	451		0	0	0	0				
		6-10	30	452		0	0	0	0				
		6-12	31	453		0	0	0	0				
		2	56	303-2 SCC						0	0	0	
		3	57	303-3 SCC						0	0	0	
		3	58	304-3 SCC						0	0	0	
<b>GROBA OBDELAVA ROUGHING</b>		3	11	E 303-3-G		0	0	0					
		3	21	303-3-G		0	0	0					
		4	22	303-4-G		0	0	0					
		4	23	303-4-G GT				0	0				
		4	24	304-4-G		0	0	0					
		4	25	304-4-G-GT				0	0				
		4	26	305-4-G		0	0	0					
		3	59	303-3-G SCC						0	0	0	
		3	60	304-3-G SCC						0	0	0	
	<b>ROBNI RADIJI CORNER RADIUS</b>		3	32	255-3		0	0	0	0	0	0	0
		4	33	255-4		0	0	0	0				
		4	34	255-4-HSC	0								
		4	35	256-4		0	0	0	0				
		4	36	256-4-HSC	0								
		4	37	257-4		0	0	0	0				
		4	38	258-4		0	0	0	0				
		3	40	363-3		0	0						
		4	42	364-4		0	0						
		2	52	362-2		0							
		2	64	362-2 SCC						0	0	0	
		3	66	363-3 SCC						0	0	0	

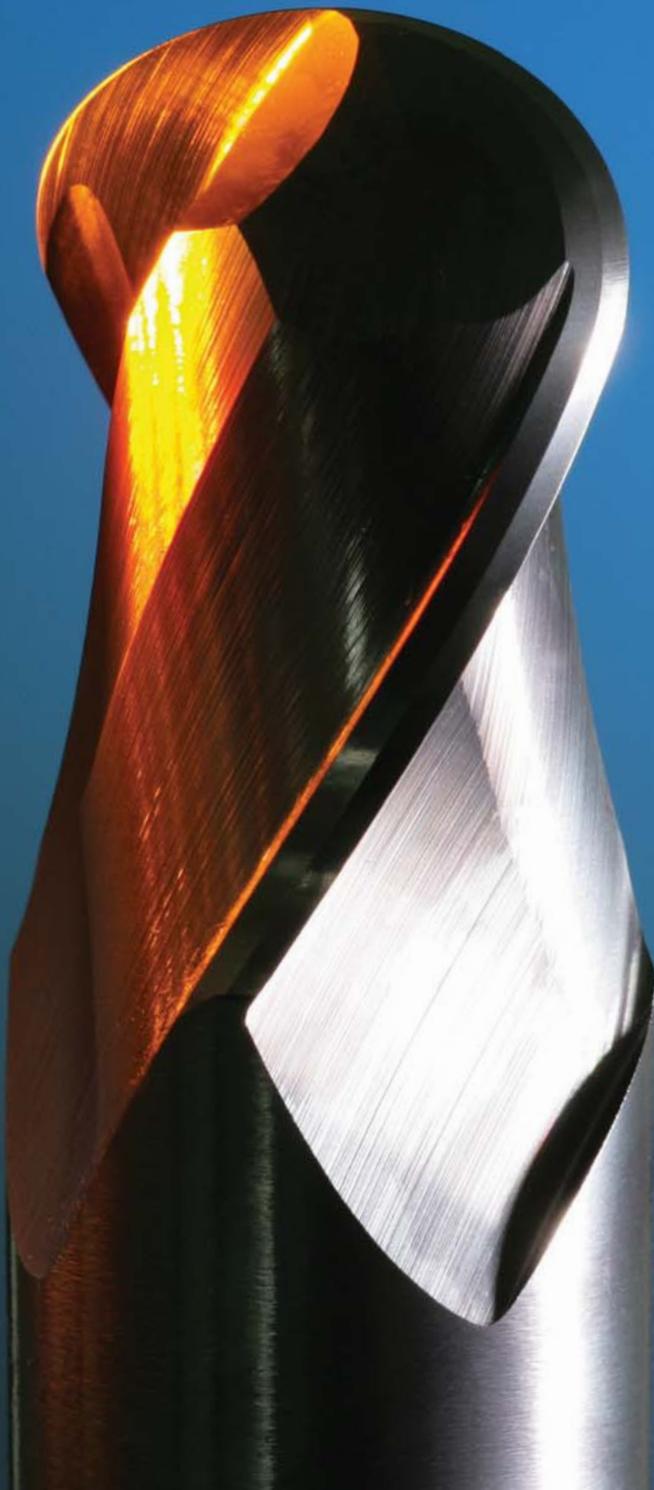
		Z	Stran Page	Artikel	HSC	HRC <55	HRC <64	GG/ G	inox	Al	Cu	CuZn	Grafit
<b>KROGELNI BALLNOSE</b>		2	44	307-2	o	o	o	o	o				
		2	45	308-2	o	o	o	o	o				
		2	46	309-2-250	o	o	o	o	o				
		2	47	310-2	o	o	o	o	o				
		2	49	311-2	o	o	o	o	o				
		2	50	360-2	o	o	o	o	o				
		2	61	307-2 SCC						o	o	o	
		2	63	308-2 SCC						o	o	o	
<b>MICRO</b>		2	27	M 303-2	o	o		o					
		2	55	M 307-2	o	o		o					
		6-8	68	505		o	o	o					
<b>PKD/PCD</b>		2	106	CD-255-2						o	o	o	o
		2	107	CD-303-2						o	o	o	o
		2	108	CD-304-2						o	o	o	o
<b>ROBKANJE CHAMFER</b>		4	70	051	o	o		o	o	o	o	o	o
		1	69	070 & 071		o	o	o	o	o	o	o	
		4	71	069-4	o	o		o	o	o	o	o	o
		4	71	066-4	o	o		o	o	o	o	o	o
<b>SVEDRI DRILLS</b>			72	901/904		o		o	o	o	o	o	
			73	102		o		o	o	o	o	o	
			73	102 K		o		o	o	o	o	o	
			74	103/103 K		o		o	o				
			82	105/105 K		o		o	o				
			90	108 K		o		o	o				
			94	112 K		o		o	o				
			98	20 D K		o		o	o				
			100	30 D K		o		o	o				
<b>ŽAGE</b>			102	080									
			102	080									
<b>ploščice inserts</b>	PCD		106							o	o	o	o
	PCBN		113			o	o	o					





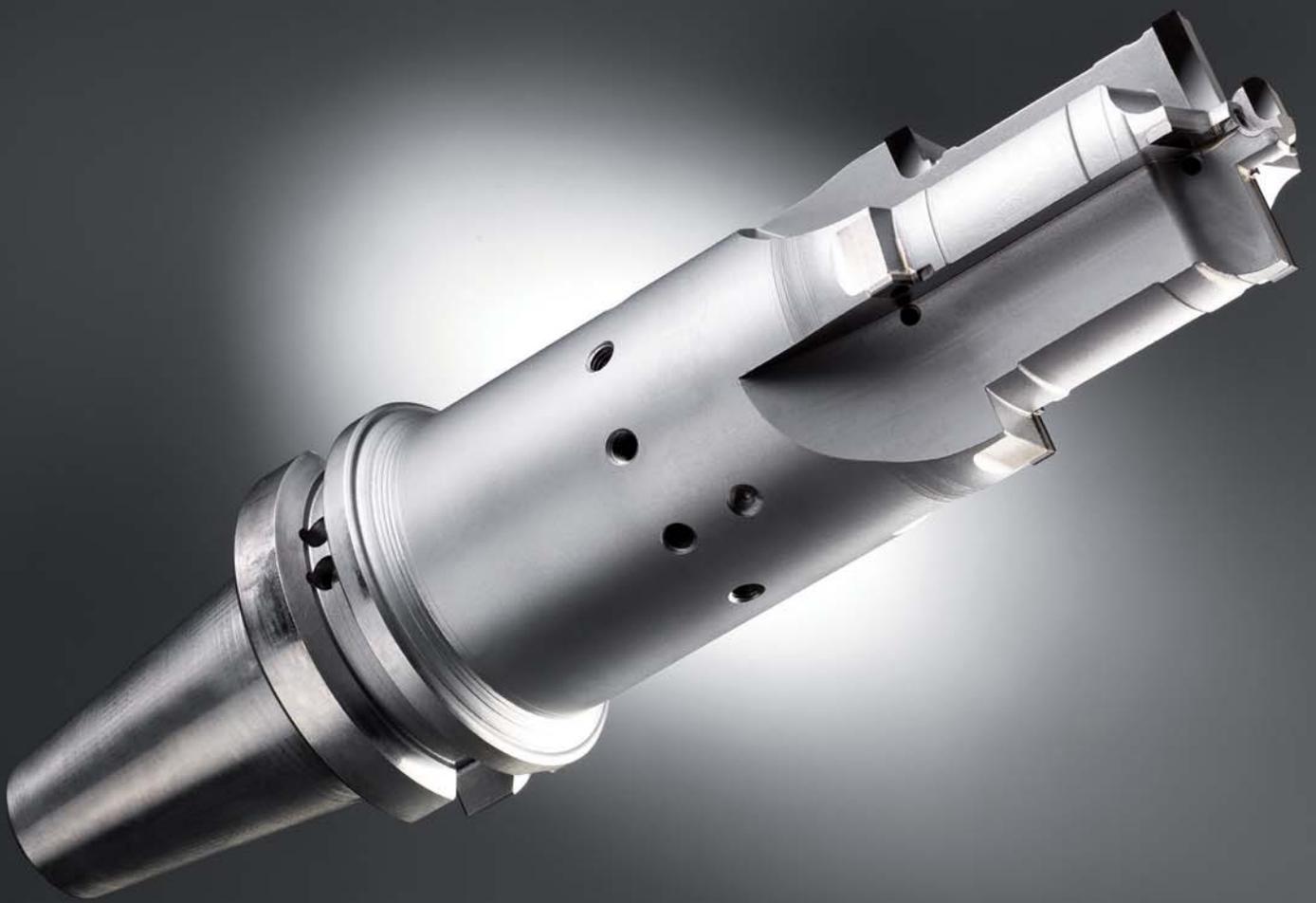








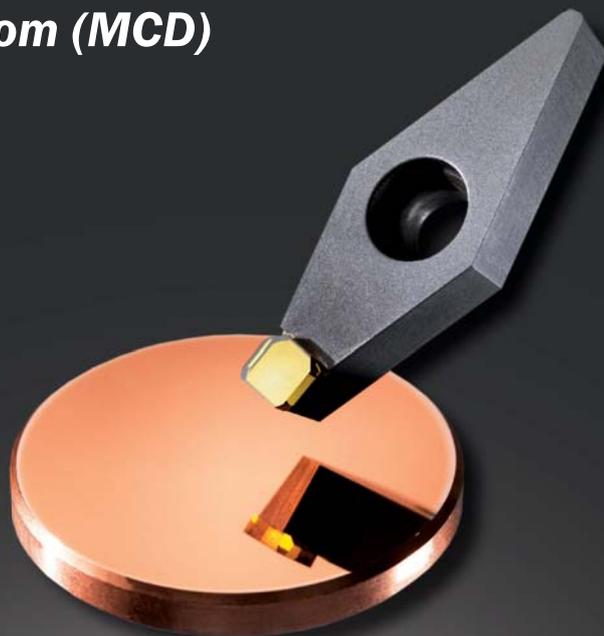






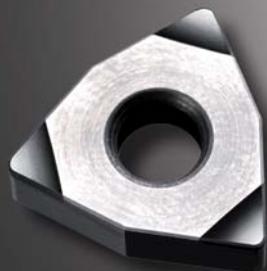
## DIA orodja

### Rezilna orodja z monokristalnim diamantom (MCD)



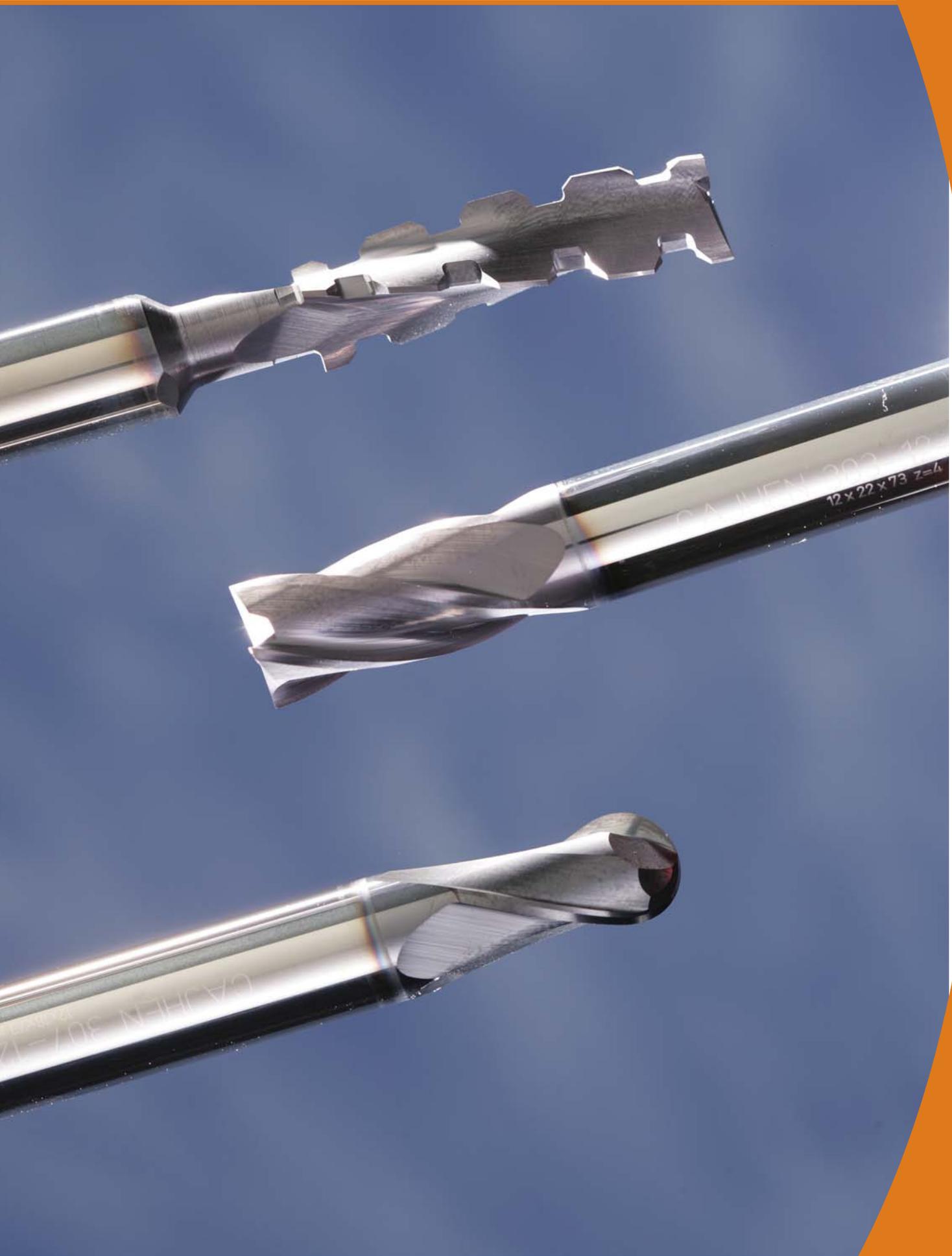
#### Obdelava visokopoliranih površin v nano kvaliteti

- monokristalni in naravni diamanti so najtrši materiali
- pojavljajo se v rumenkasti do sivi barvi včasih so lahko tudi zelenkaste barve
- so v usmerjeni kristalni strukturi
- monokristalni diamant je odlično rezalno orodje za doseganje visokopoliranih in natančnih površin z geometrijsko določenim rezilnim orodjem



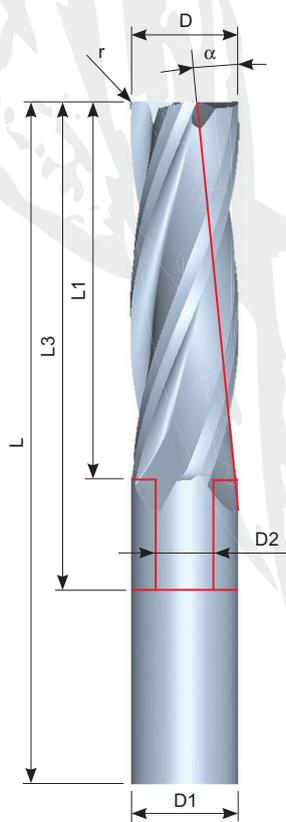
## VHM orodja





## Karbidno trdinsko rezilno orodje po naročilu

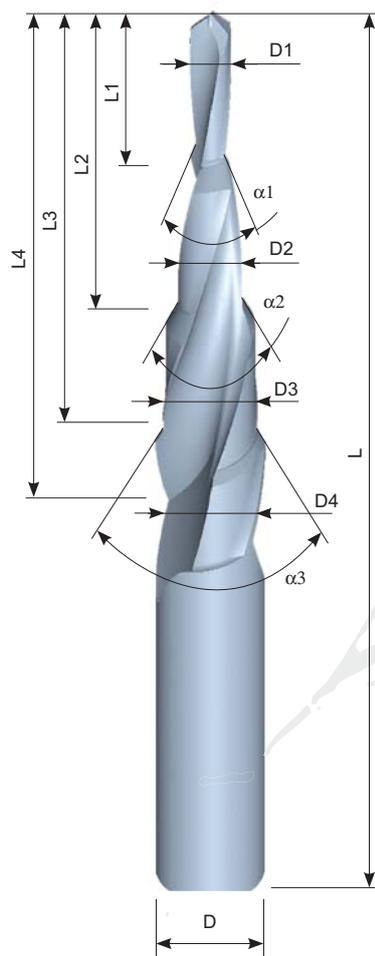
VHM cutting tools by request



D		
D1		
D2		
L		
L1		
L3		
r		
$\alpha$		
Z		
Smer vijačnice Helix direction	right	left
Smer rezanja Cutting direction	right	left
Obdelovanec Cutting material		
Hladilni kanali Inside cooling		
Grobi/fini Roughing/finising		
VHM/PCD/PCBN		

## Karbidno trdinsko rezilno orodje po naročilu

VHM cutting tools by request



D	
D1	
D2	
D3	
D4	
L	
L1	
L2	
L3	
L4	
$\alpha_1$	
$\alpha_2$	
$\alpha_3$	
z	
Smer vijačnice Helix direction	right / left
Kot vijačnice Helix angle	
Smer rezanja Cutting direction	right / left
Obdelovanec Cutting material	
Hladilni kanal Inside cooling	
VHM/PCD/PCBN	

