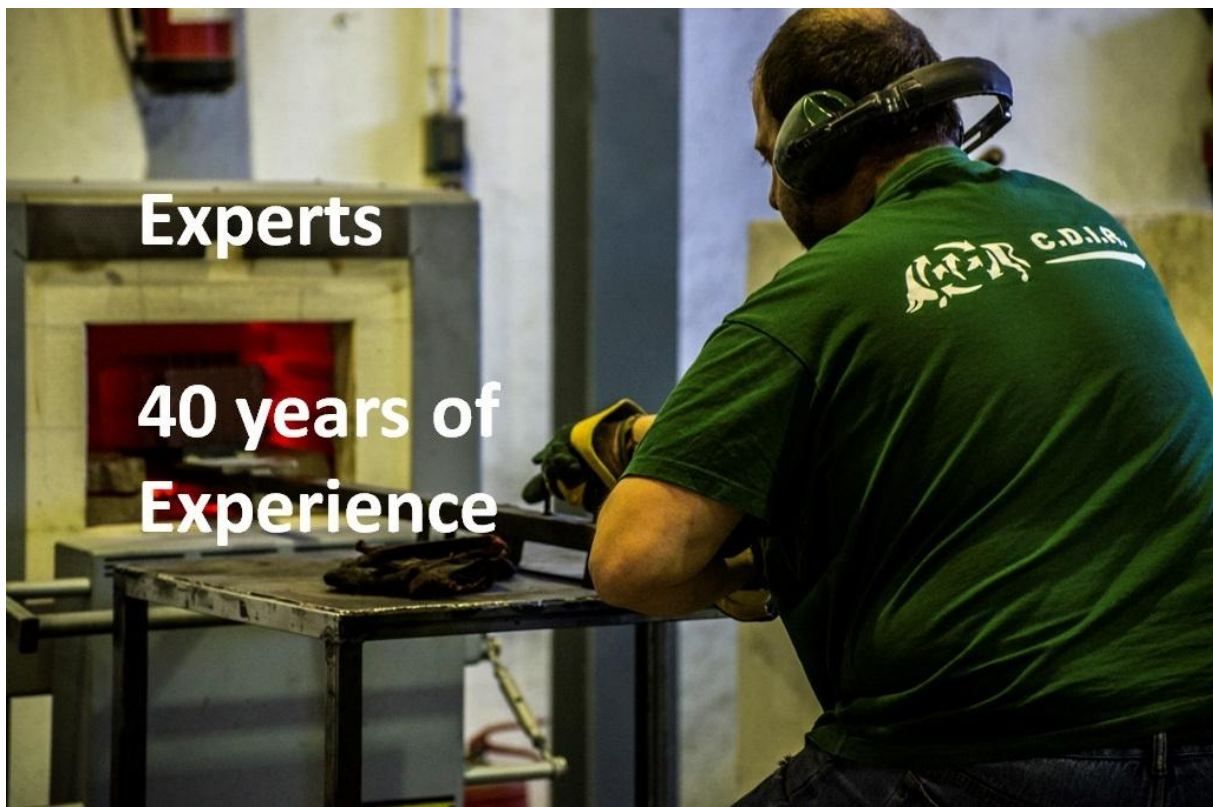


Varenkor

Catalogue 2019/2020
Laboratory



The SSD Generation

For ceramics & metals

HP Sintered Diamonds burs with *metallic binder* (ISO 807.104)

The *Solid Sintered Diamond* burs (SSD) are superior in grinding power & longevity compared to standard sintered diamond instruments. The worldwide program in shapes and grits covers all needs for grinding different materials.



Easy to order:

Sintered diamond instrument with metallic binder on HP shank do have the ISO ref: 807.104.

Under each instrument drawing, there are 3 rows: ISO Fig., ISO grit & ISO Ø

- ISO Fig. indicates the shape of the grinding body
e.g.: **142**/.../....
- ISO code indicates the type of binder and diamond grit
e.g.: 142/**513**/...

Grit Type	ISO Grit	Mesh Size	Colour Code	Application
Hyper Fine	501	600/800	Purple	Gemstones on demand
Super Extra Fine	502	500/600	White	Gemstones on demand
Super Fine	503	325/400	Yellow	Ceramic & Metal
Fine	513	200/230	Red	Ceramic & Metal
Medium	523	170/200	None	Ceramic & Metal & Gold
Medium - Coarse	532	120/140	Dark - Blue	Metal
Coarse	542	80/100	Green	Metal
Super Coarse	543	60/70	Black	Metal
Hyper Coarse	544	40/45	Brown	Gemstones on demand

- ISO Ø indicates the diameter of the grinding body
e.g.: 142/513/**050**
- Complete example for ordering:
e.g.: 807.104.142.513.050 with its corresponding quantity



Working part length	2.5			3.5			4.7		
ISO Fig.	001			001			001		
ISO Code	503	513	523	503	513	523	503	513	523
	532			532	542	543	532	542	543
ISO Ø	025			035			047		



Working part length	1.3			2			3			4		
ISO Fig.	013			013			013			013		
ISO Code		513			513	523	503	513	523	503	513	523
				532			532	542	543	532	542	543
ISO Ø	018			031			037			047		



Working part length	5		
ISO Fig.	013		
ISO Code			523
ISO Ø	080		



Working part length	9			10		
ISO Fig.	225			225		
ISO Code		513	523		513	523
ISO Ø	029			037		



ISO Fig. 023



Working part length	1.5			2		
ISO Fig.	023			023		
ISO Code	513			513		
ISO Ø	022			027		



ISO Fig. 030



Working part length	3			4			5		
ISO Fig.	030			030			030		
ISO Code	532	513	523	532	513	523			523
ISO Ø	037			047			080		



ISO Fig. 488



Working part length	9			10		
ISO Fig.	488			488		
ISO Code	513			513	523	
ISO Ø	029			037		



Working part length	6			6			8			10		
ISO Fig.	110			110			111			112		
ISO Code	513	523		513	523		503	513	523	503	513	523
				532			532			532	542	543
ISO Ø	016			018			025			037		



Working part length	10			12			13			10		
ISO Fig.	112			113			114			112		
ISO Code	503	513	523	503	513	523	503	513	523			523
	532	542	543	532	542	543	532	542	543		542	
ISO Ø	050			050			060			080		



Working part length	12			12			12		
ISO Fig.	113			113			113		
ISO Code		513	523		513	523	503	513	523
				532			532		
ISO Ø	025			031			037		



Working part length	6			6			8			9		
ISO Fig.	140			140			141			141		
ISO Code		513	523		513	523	503	513	523	503	513	523
	532			532			532			532	542	543
ISO Ø	016			018			025			031		



Working part length	10			12			13			10		
ISO Fig.	142			142			143			142		
ISO Code	503	513	523	503	513	523	503	513	523			523
	532	542	543	532	542	543	532	542	543		542	
ISO Ø	037			050			060			080		



Working part length	12			12			12		
ISO Fig.	143			143			143		
ISO Code		513	523	503	513	523	503	513	523
	532			532	542		532	542	
ISO Ø	025			032			037		



Working part length	6			9		
ISO Fig.	129			130		
ISO Code		513	523		513	523
ISO Ø	016			031		



Working part length	8			9			10			10		
ISO Fig.	163			163			162			162		
ISO Code		513	523	503	513	523	503	513	523	503	513	523
	532			532	542		532	542	543	532	542	543
ISO Ø	025			031			037			050		



Working part length	10			12			12			12		
ISO Fig.	162			160			160			160		
ISO Code			523		513	523	503	513	523	503	513	523
		542					532			532	542	
ISO Ø	080			025			032			037		



Working part length	12			16		
ISO Fig.	160			159		
ISO Code	503	513	523	503	513	523
	532	542	543	532	542	543
ISO Ø	050			050		



Working part length	9		
ISO Fig.	210		
ISO Code		513	523
	532		
ISO Ø	031		



Working part length	8			9			10			10		
ISO Fig.	172			172			173			173		
ISO Code	503	513	523	503	513	523	503	513	523	503	513	523
	532			532	542	543	532	542	543	532	542	543
ISO Ø	025			031			037			050		



Working part length	12			12			12			12		
ISO Fig.	174			174			174			174		
ISO Code	503	513	523		513	523	503	513	523	503	513	523
	532	542	543				532			532	542	543
ISO Ø	050			025			032			037		



Working part length	8			9			10			10		
ISO Fig.	198			198			199			199		
ISO Code		513	523	503	513	523	503	513	523	503	513	523
	532			532	542	543	532	542	543	532	542	543
ISO Ø	025			031			037			050		



Working part length	12			12			12			12		
ISO Fig.	200			200			200			200		
ISO Code		513	523	503	513	523	503	513	523	503	513	523
	532			532	542		532	542	543	532	542	543
ISO Ø	025			032			037			050		



Working part length	13		
ISO Fig.	200		
ISO Code	503	513	523
	532	542	543
ISO Ø	060		



Working part length	10			12			13		
ISO Fig.	273			274			274		
ISO Code	503	513	523	503	513	523	503	513	523
	532	542	543	532	542	543	532	542	543
ISO Ø	050			050			060		



Working part length	6			8			249			250		
ISO Fig.	248			249			249			250		
ISO Code		513	523	503	513	523						
				532								
ISO Ø	016			025			031			037		



Working part length	12			12			12			12		
ISO Fig.	251			251			251			251		
ISO Code		513	523	503	513	523	503	513	523	503	513	523
				532			532	542	543	532	542	543
ISO Ø	025			032			037			050		



Working part length	13		
ISO Fig.	251		
ISO Code	503	513	523
	532	542	543
ISO Ø	060		



Working part length	8			9		
ISO Fig.	251			251		
ISO Code		513	523	503	513	523
				532	542	
ISO Ø	025			031		



Working part length	9			10			12			13		
ISO Fig.	257			257			257			257		
ISO Code	503	513	523	503	513	523	503	513	523	503	513	523
	532			532	542		532	542	543	532	542	543
ISO Ø	031			037			050			060		



Working part length	10			12		
ISO Fig.	257			258		
ISO Code			523	503	513	523
		542		532	542	
ISO Ø	080			037		



Working part length	2		
ISO Fig.	304		
ISO Code	503	513	523
	532	542	
ISO Ø	047		



Working part length	3			3		
ISO Fig.	041			040		
ISO Code	503	513	523		513	523
	532	542	543	532	542	543
ISO Ø	080			100		



Working part length	0.7			1.0		
ISO Fig.	370			370 ESP		
ISO Code			523			523
ISO Ø	075			075		



Working part length	0.3		
ISO Fig.	345		
ISO Code			523
ISO Ø	100		

ADVISED ROTATION SPEED :

Diameter 22 – 10 mm	: 10 000 rpm
Diameter 8 – 6 mm	: 18 000 rpm
Diameter 5 mm	: 23 000 rpm
Diameter 3.7 – 3.1 mm	: 28 000 rpm
Diameter 2.3 – 1.6 mm	: 33 000 rpm

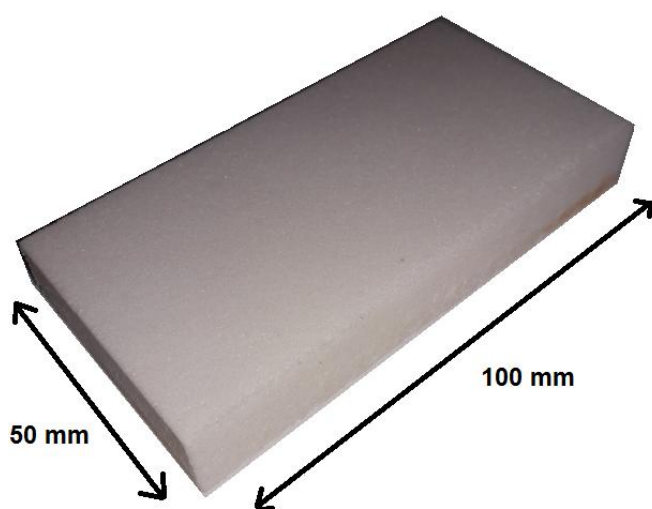


FIG 900 - CLEANING STONE

Clean bur before very first use and each time when change application field



**CENTRO DE DISTRIBUCION DE INSTRUMENTOS ROTATORIOS SL
(VARENKOR DIAMOND TOOL MANUFACTURE)**

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