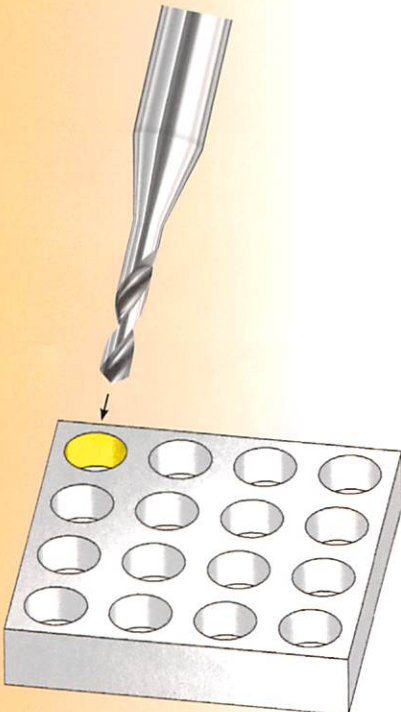


Special tools for pavé settings



Step 1



Carbide twist drill 4205S

Due to its short working part, the twist drill 4205S is an easy guiding tool to produce precise, uniform holes in very narrow spaces as necessary for tight pavé settings. When working on jewellery materials which are difficult to cut, such as platinum, titanium and steel or gold, silver and their alloys, numerous holes can be drilled with constant precision after centering, using this tool made of finest grain carbide.

Recommend speed: 3.000 - 5.000 r.p.m.

BUSCH	4205S	4205S	4205S	4205S
ISO Ø	007	008	009	010
D1 mm	0,70	0,80	0,90	1,00
L1 mm	7,5	7,5	8,0	8,0

Step 2

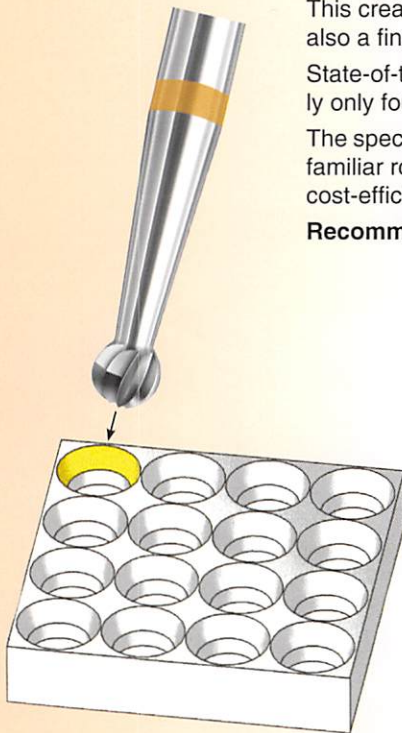
Carbide round bur 1AU

Holes drilled with the twist drill 4205S are enlarged as required with larger round carbide burs 1AU. This creates a secure mount for the rondiste of the gem to be set. Cutting in difficult to reach corner areas and also a finest refinishing can be done with the small diameter of 0.4 mm.

State-of-the-art manufacturing techniques give these round burs a powerful blade geometry of the kind normally found on steel tools.

The special material properties of the carbide metal guarantee a remarkably long service life compared with the familiar round steel burs when producing jewellery made on gold. In addition to this the new round bur permits cost-efficient working on such widely used jewellery materials as platinum, titanium and even steel.

Recommend speed: 2.000 - 10.000 r.p.m.



6	D1												
	BUSCH	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU
Ø ISO	004	005	006	007	008	009	010						
D1 mm	0,4	0,5	0,6	0,7	0,8	0,9	1,0						

6	D1																		
	BUSCH	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU	1AU
Ø ISO	011	012	013	014	015	016	017	018	019	020	021	022	023						
D1 mm	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,3						

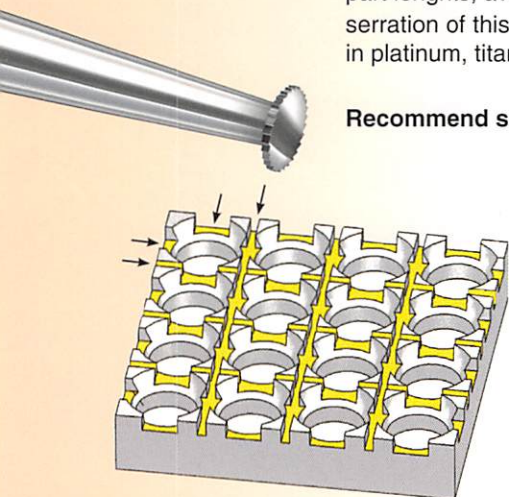
Step 3

Carbide circular saw 231F/FL/FXL

After preparing the holes in which the gems are to be set for the pavé setting with the twist 4205S and the corresponding round bur 1AU, then a clean cross-wise cut is made in the spaces with the new circular saw 231F/FL/FLX.

Only the chatons remain for the final setting of the gems. Make your choice between the three flattest working part lengths, available in 0.2, 0.3 and 0.4 mm which is most appropriate for your high-grade work. The special serration of this circular saw gives the material a brightly shining surface in the bottom of the cut, for instance in platinum, titanium and steel, as well as in gold, silver and their alloys.

Recommend speed: 7.500 - 30.000 r.p.m.



2	D1			
	L1 =			
BUSCH	231F	231FL	231FXL	
Ø ISO	023	023	023	
D1 mm	2,3	2,3	2,3	
L1 mm	0,2	0,3	0,4	

Tool-Set „Pavé“ N° 5120

The tools in step 1, 2 and 3 are also available as a set:

- 4x 4205S
- 2x 231F/FL
- 6x 1AU (010,012,014,016,018,023)

BUSCH Tool-Set „Pavé“



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