

## cutters

larsson side cutters, larsson end cutters



Code	Description	Price/£
<b>Side Cutters:</b>		
999 720	Diagonal cutters, pointed jaws (3054) flush cut for wire Ø 0.35-1.00mm	29.75
999 721	Diagonal cutters pointed jaws (3055) regular bevel cut for wire Ø 0.35-1.25mm	29.75
999 72A	Diagonal Cutters pointed jaws & relieved jaws (3056) flush cut	34.65

Information about the above cutters

		A	B	C	D	F
999 720	(3054) mm	107	9.5	9.0	6.5	1.0
999 721	(3055)	107	9.5	9.0	6.5	1.0
999 72A	(3056)	107	9.5	9.0	6.5	1.0

### End Cutters:

999 72B	End cutters flush cut (3061) for wire Ø 0.35-1.00mm	32.34
999 72C	End cutters flush cut (3062) oblique head angle 11° for wire Ø 0.35-1.00mm	34.65

Information about the above cutters

		A	B	C	G
999 72B	(3061) mm	104	8.0	9.0	15
999 72C	(3062) mm	105	9.5	9.0	15

The Larsson flush cutters are not suitable for hard wire

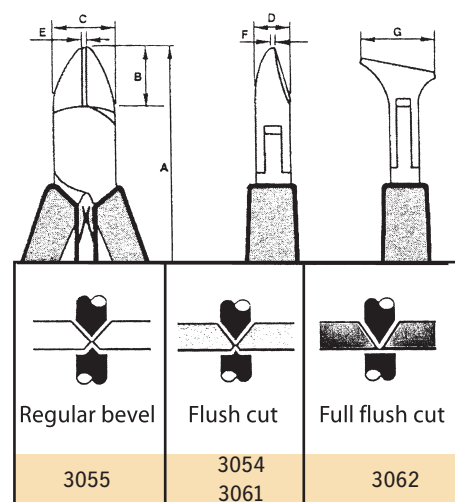
for all silver and gold wires  
see the bullion section  
pages 22



999 720



999 72B



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# tools

## pliers & cutters

pliers, side cutters, top cutters, ring & bangle bending pliers

Code	Description	Price/£
<b>Pliers:</b>		
999 693	Snipe Nosed Pliers - 115mm sprung	9.82
999 694	Snipe Nosed Pliers - 130mm plain	9.38
999 695	Flat Nosed Pliers - 115mm sprung	9.38
999 696	Flat Nosed Pliers - 130mm plain	9.38
999 697	Round Nosed Pliers - 115mm sprung	9.82
999 698	Round Nosed Pliers - 130mm plain	9.38
999 699	Half Round Ring Pliers - 130mm plain	10.27
999 700	Heavy half round ring pliers 160mm	12.13

### Side Cutters:

999 705	Side Cutters 115mm - sprung / semi flush	14.44
999 706	Side Cutters 130mm - sprung / semi flush	14.44

### Top Cutters:

999 711	Top Cutters 120mm - sprung / semi flush	14.44
999 0861	Heavy Top Cutter 130mm	13.29

### Ring / Bangle Bending Pliers:

999 716	Nylon Ring Bending Pliers	25.24
999 716A	Spare Pad for 999 716	3.34
999 717	Nylon Bangle Bending Pliers	25.24
999 72D	Nylon Coated Bangle Plier Pads (spare for 999 717)	4.18 pair
999 718	Ring Bender	78.83

Please note: none of the flush cutters are suitable for cutting hard wire



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tools

525

## pliers, cutters & shears

shaped jaw pliers & cutters

Code	Description	Price/£
<b>Shaped Jaw Pliers:</b>		
999 CIX	Round & Concave	12.13
999 CB1	Round & Flat Jaws	12.13
999 CIY	Concave & Convex Jaws	12.13
999 723	Extra Large Concave & Convex Jaws, 165mm Long, 9mm Jaw	28.56

### Extra Large Cutters:

999 728	Extra Large Heavy Duty Side Cutters	21.50
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### Scissor Cutters:

999 72E	"Power" Scissors This sharp cutter is ideal for cutting solder pieces or very thin sheet, leather & rubber.	5.78
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### Solder Cutting Pliers

999 72F	Ideal tool for cutting uniform pieces of sheet solder. Steel with plastic coated handle 5" long.	11.38
999 CB5	Split Ring Plier The easy way to open Split Rings. Place the bent nose in the centre of the ring & add pressure. The Split Ring will easily slide apart.	8.00
999 CB7	Combination Cutter with Round Nose Plier	11.03
999 CB8	Crimping Plier A special two-step process allows the Crimping Plier to first separate the crimp into sections, securing each of your threads, and crush the crimp to ensure the tightest crimp possible.	10.50



999 CIX



999 CB1



999 CIY



999 723



999 72E

999 72F



999 CB5

999 CB7

999 CB8



999 728



...maun cutters?  
see page 520

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# tools

## saw frames

Code	Description	Price/£
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### Grobet Saw Frames

These jewellers' Saw Frames have a new, patented, Swiss made, blade lock design. The lock enables both ease of use when changing blades and precision cutting with the frame. There is a choice available of Fixed Saw Frame or Adjustable Saw Frame. Both are fitted with a rubber handle.

999 73A	Fixed	12.13
999 73B	Adjustable	14.44

### Saw Frames:

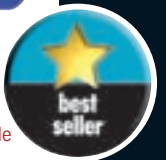
999 734	Fixed Sawframe	11.68
999 CA1	Eclipse Replacement Screw	3.18
999 735	3" Adjustable Sawframe	10.55
999 736	4" Deep Adjustable Sawframe	11.09
999 737	5" Deep Adjustable Sawframe	11.36
999 738	6" Deep Adjustable Sawframe	11.85



999 73A Fixed



999 73B Adjustable



999 734

999 CA1



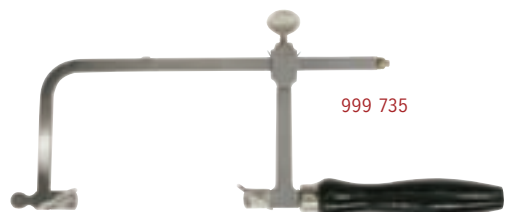
999 738



Do not use any tools (pliers etc) to tighten the locks. This could damage the saw frame.



Test the tension of the saw blade before sawing, as a loose blade will not cut properly & will break easily. Hold the saw frame in as vertical a position as possible and strive for long even strokes when sawing.



999 735



999 736



999 737

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# tools

## saw blades

Code	Description	Price/£	
Vallorbe Saw Blades: (in bundles of 12)			
		1 bundle (1 doz.)	12 bundles (1 gross)
972 010	Sawblades Grade 4	2.08 ea	1.57 ea
972 020	Sawblades Grade 3	2.08 ea	1.57 ea
972 030	Sawblades Grade 2	2.08 ea	1.57 ea
972 040	Sawblades Grade 1	2.08 ea	1.57 ea
972 050	Sawblades Grade 0 [1/0]	2.08 ea	1.57 ea
972 060	Sawblades Grade 2/0	2.08 ea	1.57 ea
972 070	Sawblades Grade 3/0	2.08 ea	1.57 ea
972 080	Sawblades Grade 4/0	2.31 ea	1.74 ea
972 090	Sawblades Grade 5/0	2.49 ea	1.87 ea
972 100	Sawblades Grade 6/0	2.78 ea	2.09 ea
972 110	Sawblades Grade 8/0	3.47 ea	2.61 ea



### Platinum King Saw Blades

This new saw blade was specially developed to offer incomparable resistance to wear when cutting platinum, stainless steel and all hard metals. The exclusive heat process endows the blade with a tenacity and flexibility and the filed teeth ensure a clean, precise cut with the minimum of effort.

972 040P	Sawblades Grade 1	2.22	1.67
972 060P	Sawblades Grade 2/0	2.22	1.67
972 070P	Sawblades Grade 3/0	2.22	1.67

For More Information See Below

SAW BLADE INFORMATION				
No	Thickness mm	Width mm	Teeth per cm	Length cm
4	0.38	0.80	15	13
3	0.36	0.74	16	13
2	0.34	0.70	17.5	13
1	0.30	0.63	19	13
0	0.28	0.58	20.5	13
2/0	0.26	0.52	22	13
3/0	0.24	0.48	23.5	13
4/0	0.22	0.44	26.5	13
5/0	0.20	0.40	28	13
6/0	0.18	0.35	32	13



Choose a blade according to the intricacy of the cut line & a finer blade when cutting curves.



Bees Wax and Bur Life reduces drag to aid a smoother cut. See page 512 for Lubricants.



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# tools

## files

10cm, 16cm & 20cm vallorbe needle files

Code	Description	Price/£
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### Vallorbe Needle Files:



#### 2401 Pillar

	Size	Cut	1pc	6pc	12pc
976 010	16cm	0	4.86	4.34	4.05
999 0592	10cm	2	4.16		
976 020	16cm	2	4.86	4.34	4.05
999 674	20cm	2	5.86		
976 030	16cm	4	4.86	4.34	4.05



#### 2411 Barrette

976 040	16cm	0	4.86	4.34	4.05
999 0669	10cm	2	4.16		
976 050	16cm	2	4.86	4.34	4.05
999 FAE	20cm	2	5.86		
976 060	16cm	4	4.86	4.34	4.05



#### 2402 Half Round

976 070	16cm	0	4.86	4.34	4.05
999 0620	10cm	2	4.16		
976 080	16cm	2	4.86	4.34	4.05
999 FAD	20cm	2	5.86		
999 0618	10cm	4	4.16		
976 090	16cm	4	4.86	4.34	4.05



#### 2403 Crossing

976 100	16cm	0	4.86	4.34	4.05
976 110	16cm	2	4.86	4.34	4.05
999 FAC	20cm	2	5.86		
976 120	16cm	4	4.86	4.34	4.05



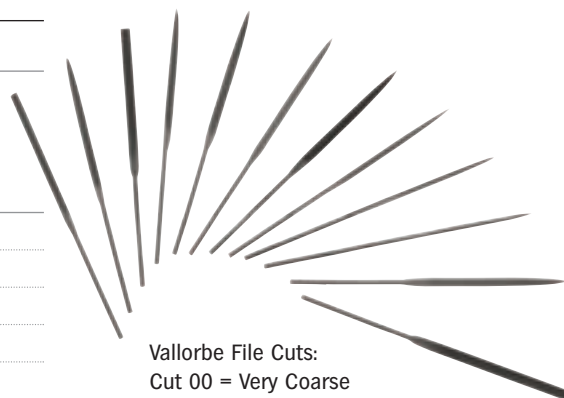
#### 2407 Three Square

976 130	16cm	0	4.86	4.34	4.05
976 140	16cm	2	4.86	4.34	4.05
999 FAA	20cm	2	5.86		
976 150	16cm	4	4.86	4.34	4.05

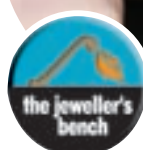


#### 2405 Knife

976 160	16cm	0	4.86	4.34	4.05
976 170	16cm	2	4.86	4.34	4.05
999 675	20cm	2	5.86		
976 180	16cm	4	4.86	4.34	4.05



Vallorbe File Cuts:  
Cut 00 = Very Coarse  
Cut 2 = Medium  
Cut 4 = Fine



Filing a clean edge  
prior to soldering

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## files

10cm, 16cm & 20cm vallorbe needle files

Code	Description	Price/£
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### Vallorbe Needle Files (Cont):



#### 2408 Square

	Size	Cut	1pc	6pc	12pc
976 190	16cm	0	4.86	4.34	4.05
976 200	16cm	2	4.86	4.34	4.05
999 676	20cm	2	5.86		
976 210	16cm	4	4.86	4.34	4.05



#### 2410 Round

976 220	16cm	0	4.86	4.34	4.05
976 230	16cm	2	4.86	4.34	4.05
999 FAB	20cm	2	5.86		
976 240	16cm	4	4.86	4.34	4.05



#### 2406 Warding

976 260	16cm	2	4.86	4.34	4.05
999 677	20cm	2	5.86		

Vallorbe File Cuts:

Cut 00 = Very Coarse

Cut 2 = Medium

Cut 4 = Fine

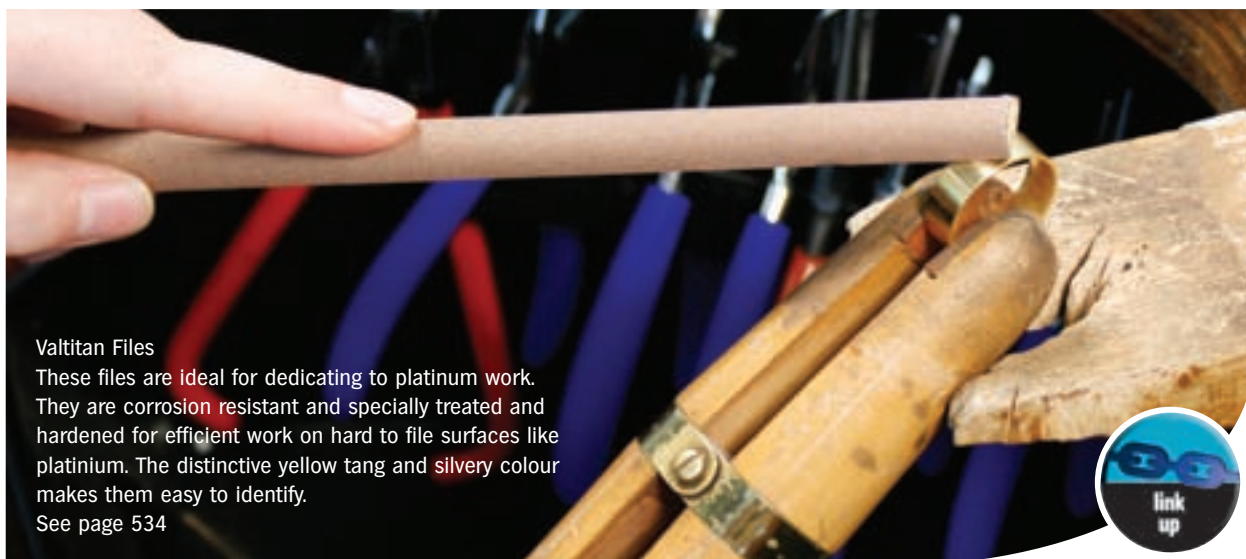


### Choosing the right cut

For rapid removal of metal & rough shaping, start with cut 0, moving to cut 2 & 4 to smooth & contour.



...wedding ring blanks?  
see page 73



#### Valtitan Files

These files are ideal for dedicating to platinum work. They are corrosion resistant and specially treated and hardened for efficient work on hard to file surfaces like platinum. The distinctive yellow tang and silvery colour makes them easy to identify. See page 534



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# tools

## files

### needle file sets & diamond needle files

Code	Description	Price/£
<b>16cm Needle File Sets:</b>		
999 528	Set of 6 economy 16cm needle files All cut 2 (medium quality) Shapes: flat, half round, three square, square, round & warding	11.87
999 527	Set of 12 EF 16cm needle files All Cut 2 Shapes: flat, barrette, half round, crossing, three square, knife, square, round & warding	16.01
Please Note: Shapes May Vary		
999 529	Set of 6 Vallorbe 16cm needle files All Cut 2 Shapes: flat, barrette, half round, three square, square & round	19.50
999 530	Set of 12 Vallorbe 16cm needle files All Cut 2 Shapes: pillar, warding, half round, knife, barrette, three square, square, round, crossing, crochet, oval & pillar with round edge	39.92

### Diamond Needle Files:

Fine diamond grit electroplated onto steel to give a quick & clean cut.

999 540	Pillar	9.19
999 542	Barrette	9.19
999 543	Half Round	9.19
999 545	Three Square	9.19
999 557	Round	9.19
999 541	Set of 5 Diamond needle files Shapes: flat / pillar, half round, three square, square & round	40.43

Vallorbe File Cuts:  
Cut 00 = Very Coarse  
Cut 2 = Medium  
Cut 4 = Fine



999 528



999 529



999 530



999 541



999 527



### Needle Files

These files have a smaller body than hand files but generally come in the same range of cuts, 00 to 4, in length ranging from 10cm to 20cm. The smooth round handle can be held comfortably without the use of an additional wooden or plastic handle, however, a handle is recommended for long term use. Diamond needle files cut quickly & smoothly on both the forward & backward stroke. Can be used on most stones, all precious metals, ceramics & glass.

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# tools

## files

**gapping & riffler files, parallel round files**

Code	Description	Price/£
<b>Vallorbe 14cm Escapement Files:</b>		
999 546	Round Cut 6	9.82
999 547	3 Square Cut 6	9.82
999 548	Square Cut 6	9.82
999 549	Barrette Cut 6	9.82
999 550	Flat (Pillar) Cut 6	9.82
999 551	Crossing Cut 6	9.82
999 552	Half Round Cut 6	9.82
999 553	Knife Cut 6	9.82
999 554	Warding Cut 6	9.82

All 55mm Long File Section

### Parallel Round Files:

999 564	Parallel Round Files: 2.4 Ø - 200mm overall length Extra Narrow - cut 2 (also 3.2mmØ)	11.50
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### Diamond Coated Riffler Files

999 0736	Ref. 20	17.33
999 0737	Ref. 22	17.33
999 0738	Ref. 15	17.33



### Escapement Files

The body size of these files is generally much smaller than Needle Files, and are used in a much finer cut i.e. cut 6. Although the handle is square it is comfortable to hold without a handle and also enables greater control.



### Riffler Files

These files have shaped and curved file blades, in a medium cut, at either end of a square handle. Ideal for intricate designs.



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# tools

## files

hand & needle file handles, file brushes, broacher & second files

Code	Description	Price/£
<b>Hand Files Handles:</b>		
999 0553	Wooden File Handle 80mm	1.27
999 488	Wooden File Handle 100mm	1.39
999 0549	Wooden File Handle 120mm	2.06

### Needle Files Handles:

999 493	Needle File Handle with adjustable head	3.66
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### File Brushes:

999 498	Stiff wire brush for cleaning files	3.77
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### Reamer/Broacher Files:

The 45 degree cutting edge on the steel broachers are ideal for opening out or smoothing the holes on pearls & gem beads. The diamond broachers do not have a cutting edge but will also achieve the same result with its abrasive action.

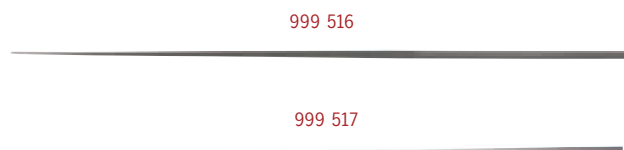
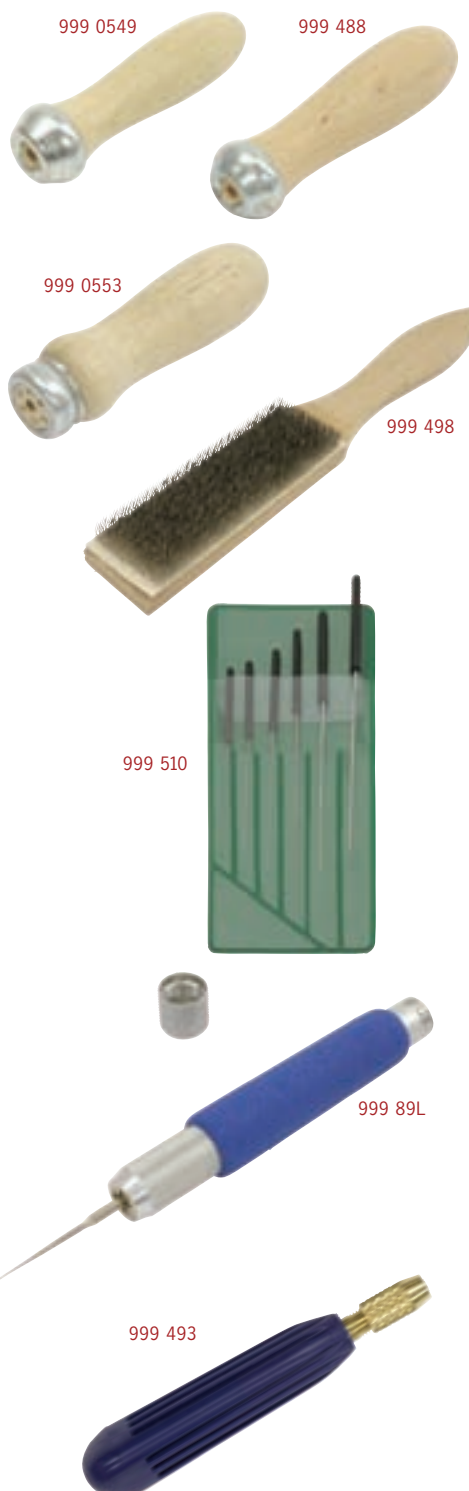
999 510	Broacher File Set - small set of 6 0.4 - 1.4mm with cutting edge	8.96
999 511	Broacher File Set - large set of 6 1.2 - 3.0mm with cutting edge	12.68
999 89L	Diamond Broachers set of 3 suitable for stone, stone beads and glass	19.09

### Second Hole Files:

999 516	Second Hole File Round 3" / 8cm long - cut 6	7.28
999 517	Second Hole File Square 3" / 8cm long - cut 6	8.26

### Diamond Coated Micro Files

999 0732	Round, 80mm long x 50mm file	12.68
999 0733	Round, 110mm long x 60mm file	13.95
999 0734	Square, 80mm long x 50mm file	12.68
999 0735	Square, 110mm long x 60mm file	13.95



...polishing materials?  
see page 596

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## files

### half round slim & half round wide

Code	Description	Price/£
<b>Vallorbe 1566 6" (150mm) Half Round Files - Slim:</b>		
999 419	File Cut 00	17.04
999 420	File Cut 0	17.04
999 421	File Cut 1	18.31
999 422	File Cut 2	19.64
999 423	File Cut 3	21.37
999 424	File Cut 4	21.92
<b>Vallorbe 1560 6" (150mm) Half Round Files - Wide</b>		
999 435	File Cut 00	16.12
999 436	File Cut 0	16.12
999 437	File Cut 1	17.33
999 438	File Cut 2	18.77
999 439	File Cut 3	20.10
999 440	File Cut 4	20.10

### Valtitan Files

These files are ideal for dedicating to platinum work. They are corrosion resistant and specially treated and hardened for efficient work on hard to file surfaces like platinum. The distinctive yellow tang and silvery colour makes them easy to identify.

### Vallorbe Valtitan 1566 6" (150mm) Half Round Files - Slim

999 422V	File Cut 2	25.59
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### Vallorbe Valtitan 1560 6" (150mm) Half Round Files - Wide

999 436V	File Cut 0	22.64
999 438V	File Cut 2	24.43

### Economy Files

999 446	8" (200mm) half round wide file cut 00	9.42
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Vallorbe File Cuts:

Cut 00 = Very Coarse

Cut 2 = Medium

Cut 4 = Fine



Slim also known as a Ring File



Half Round 1560



### Files

Hand file is a general term used for all shapes of large, 6" & 8", files. It can also be used to describe the flat or pillar file. These files must be fitted with a handle before use and cleaning your files regularly will prolong their life. See page 533 for handles and file cleaning brush.



# tools

## files

flat, three square & barrette

Code	Description	Price/£
<b>Vallorbe 1163 6" (150mm) Flat Files:</b>		
999 455	File Cut 00	8.66
999 456	File Cut 0	9.07
999 457	File Cut 1	8.66
999 458	File Cut 2	9.47
999 459	File Cut 3	9.54
999 460	File Cut 4	10.21
<b>Vallorbe 1163 8" (200mm) Flat Files:</b>		
999 0485	File Cut 0	11.27
999 0481	File Cut 2	12.54
<b>Economy Files:</b>		
999 466	8"(200mm) Flat File Cut 00	5.95
999 467	10"(250mm) Flat File Cut 00	7.51
<b>Vallorbe 1360 6" (150mm) Three Square Files:</b>		
999 470	File Cut 0	13.40
999 471	File Cut 2	13.86
<b>Vallorbe 1060 6" (150mm) Barrette Files:</b>		
999 0476	File Cut 2	13.00
<b>Valtitan Files</b>		
These files are ideal for dedicating to platinum work. They are corrosion resistant and specially treated and hardened for efficient work on hard to file surfaces like platinum. The distinctive yellow tang and silvery colour makes them easy to identify.		
<b>Vallorbe Valtitan 1163 6" (150mm) Flat Files:</b>		
999 458V	File Cut 2	15.60

Vallorbe File Cuts:  
 Cut 00 = Very Coarse  
 Cut 2 = Medium  
 Cut 4 = Fine



Flat 1163



Three Square 1360



Barrette (Safety Back) 1060



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# tools

## files

round, crossing and square

Code	Description	Price/£
<b>Vallorbe 1660 6" (150mm) Round Files:</b>		
999 449	File Cut 0 Blunt End	8.26
999 450	File Cut 2 Tapered	8.26
999 451	File Cut 4 Tapered	8.67
<b>Vallorbe 1960 6" (150mm) Crossing Files:</b>		
999 BLB	File Cut 1	24.09
999 477	File Cut 2	24.09
<b>Vallorbe 1464 6" (150mm) Square Files:</b>		
999 482	File Cut 2 Pointed End	10.34

Vallorbe File Cuts:  
Cut 00 = Very Coarse  
Cut 2 = Medium  
Cut 4 = Fine



Round 1660



Crossing (Oval) 1960



Square 1464



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