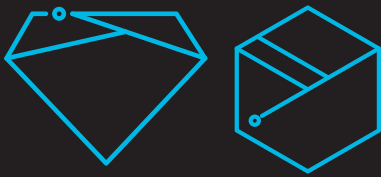


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SWISS



Jewellery, Watchmaking & Industry

GLARDON[®]

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OUR ORGANISATION



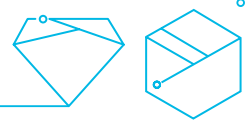
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CUSTOMER SERVICES

*Our experts are perfectly equipped to guide you
and answer any specific or technical questions you may have*

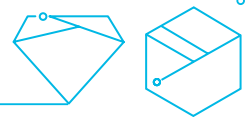


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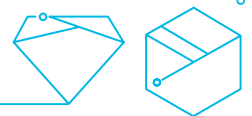
OUR CENTRE OF EXPERTISE



Our centre of expertise has been set up to offer our customers the support and knowledge required to use vallorbe swiss® products.

Jewellery - Watchmaking

- Using vallorbe swiss® files
- Saw blades
- Power solutions



SITE VISITS

At Usines Métallurgiques de Vallorbe, we offer guided tours of our production site to our customers, schools, various organisations and other partners.



Innovation | Excellence | Performance | Respect



KNOW-HOW

Based in Vallorbe, at Usines Métallurgiques de Vallorbe (UMV) we invent, design, develop and manufacture high-quality innovative products for industrial and artisanal applications.

vallorbe swiss® has a team of 260 highly qualified experts with unrivalled know-how and supplies professionals in areas such as jewellery, watchmaking, the precision industry, forestry and wood-working trades.



QUALITY

The criteria for our production – which our customers rely on – are absolute precision, meticulous attention to detail and rigour. Throughout the manufacturing process, our tools undergo systematic checks on the geometry of teeth, the height of the cut, the grinding capability and hardness; these checks guarantee the consistently high quality of our products.

The concept of quality is not limited to the technical quality of the product. It also includes the structure and services offered by Usines Métallurgiques de Vallorbe.

Obtaining ISO 9001 certification is not a requirement for us, but it is a standard that we willingly set ourselves.

We open the doors of our laboratory to companies looking to benefit from our expertise.

Our laboratories are equipped with state-of-the-art technological equipment enabling us to offer a variety of services, from metallographic tests to improving your manufacturing processes.



Do you want to develop an idea or resolve a problem?

At vallorbe swiss®, we are on hand to innovate, design and develop to realise your project.

Our engineers will help you develop customised tools adapted to your specific requirements.



INNOVATION

To meet our customers' needs at vallorbe swiss® we :

- Innovate by creating new products with enhanced functions
- Adapt to new mechanised and automated production techniques
- Take the environment into account in our product design and manufacture

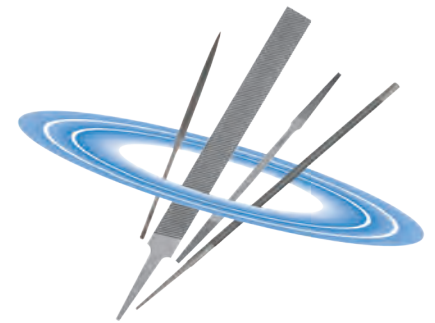


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vallorbe swiss® offers three different ranges of products.

The shapes and cuts of these products enable a wide range of applications for professionals, and hobbyists working with hard and soft material.

The steel of our files has a hardness of 66 HRC.

PREMIUM



The perfect solution, which combines quality and performance for demanding experts.

CLASSIC



vallorbe swiss® proposes an intermediate swiss made range, with a price/performance solution, appropriated for some markets.

SAVER



A vallorbe swiss® selection for entry level markets.

Shaping prestige

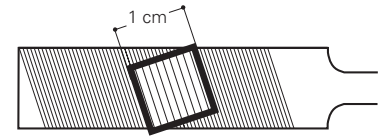
SCALE OF CUTS



To determinate number of teeth [Z/cm]

*Swiss cut

The number of teeth (Z/cm) is obtained by counting perpendicularly to the cut. In the following table the figures correspond to the number of teeth per cm, for a given length and type of file. For example, a file 6" in cut 2, shows 31 Z/cm.



	000	00	0	1	2	3	4	5	6	7	8	10
Precision files, lengths 1" to 3.5"		20	25	31	38	46	55	68	84	100	116	
Precision files, lengths 4" to 8"	12	16	20	25	31	38	46	56	68			
Precision files, lengths 10" to 12"	9	12	16	20	25	31	38	(46)	(56)			
Machinist's files Classic / Saver, lengths 6" to 8"				12	16	20						
Machinist's files Classic / Saver, length 10"				9	12	16						
Needle files		20	25	31	38	46	56	68	84			
Habilis® files		18	21	25	31							
Rifflers 150 mm, files for machines			25		38							
Rifflers 180 mm and 300 mm			16		25							

MAIN DIMENSIONS

a) Length = L

The measuring points for length (L) vary from one type of file to another. It is therefore necessary to refer to diagram. The length is given in inches and/or mm.

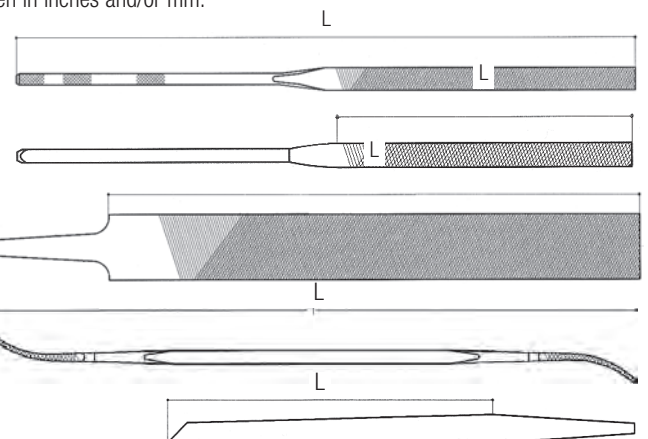
LA - LAC - LAM - LAV -
LH - DA - DH

LE - LEC

LP - LPV - LQ - LS - RA

LR

LO



b) Width x thickness = A x B

Width and thickness are given by: - **A** = as a rule length or diameter
- **B** = mainly thickness

For the items LP, LPV, LA, LE, LAM, LAV, LH, LR, LS, LQ, LO, LQ and RA: these dimensions are always measured at the widest uncut section.

For the items LAC, LEC, DA and DH: the dimensions are measured at the widest finished section and these are average values which depend on the number of the teeth.

All the dimensions A and B mentioned in this catalogue are given in mm, they have only an indicative value.

Tolerances: on request.

= dimension measured on the cut section.



LP1163

Hand

Cut 000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
	LP1163-4-00	LP1163-4-0	LP1163-4-1	LP1163-4-2	LP1163-4-3	LP1163-4-4		LP1163-4-6	4 / 100	12.5 x 3	12
LP1163-6-000	LP1163-6-00	LP1163-6-0	LP1163-6-1	LP1163-6-2	LP1163-6-3	LP1163-6-4	LP1163-6-5	LP1163-6-6	6 / 150	18.5 x 4	12
LP1163-8-000	LP1163-8-00	LP1163-8-0	LP1163-8-1	LP1163-8-2	LP1163-8-3	LP1163-8-4			8 / 200	21.3 x 4.8	12
LP1163-10-000	LP1163-10-00	LP1163-10-0	LP1163-10-1	LP1163-10-2	LP1163-10-3				10 / 250	25.3 x 6.3	12
LP1163-12-000	LP1163-12-00	LP1163-12-0	LP1163-12-1	LP1163-12-2					12 / 300	29.3 x 7.8	6

LP1168

Thin hand

Cut 000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
		LP1168-5-0							5 / 125	14.5 x 1.7	12
	LP1168-6-00	LP1168-6-0	LP1168-6-1	LP1168-6-2					6 / 150	16.5 x 2	12

LP1166

Hand checkering

Cut (raws/cm) 000	00 (8)	0 (12)	1 (16)	2 (20)	3	4	5	6	L = " / mm	A x B = mm	
	LP1166-6-00	LP1166-6-0	LP1166-6-1	LP1166-6-2					6 / 150	19 x 5.2	12
		LP1166-8-0	LP1166-8-1	LP1166-8-2					8 / 200	22 x 5.2	12

LP1132

Regular pillar 2 sides cut

Cut 000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
	LP1132-4-00	LP1132-4-0		LP1132-4-2		LP1132-4-4			4 / 100	9.5 x 2.5	12
	LP1132-6-00	LP1132-6-0	LP1132-6-1	LP1132-6-2	LP1132-6-3	LP1132-6-4		LP1132-6-6	6 / 150	12 x 4	12
	LP1132-8-00	LP1132-8-0	LP1132-8-1	LP1132-8-2	LP1132-8-3	LP1132-8-4			8 / 200	14.5 x 4.5	12
	LP1132-10-00	LP1132-10-0	LP1132-10-1	LP1132-10-2					10 / 250	17.5 x 5.3	12
	LP1132-12-00	LP1132-12-0							12 / 300	19.3 x 6.3	6

LP1133

Regular pillar 3 sides cut

Cut 000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
	LP1133-4-00		LP1133-4-1	LP1133-4-2		LP1133-4-4	LP1133-4-5		4 / 100	9.5 x 2.5	12
LP1133-6-000	LP1133-6-00	LP1133-6-0	LP1133-6-1	LP1133-6-2	LP1133-6-3				6 / 150	12 x 4	12
	LP1133-8-00	LP1133-8-0	LP1133-8-1	LP1133-8-2					8 / 200	14.5 x 4.5	12
	LP1133-10-00	LP1133-10-0	LP1133-10-1	LP1133-10-2					10 / 250	17.5 x 5.3	12

LP1138

Pillar thin

Cut 000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
	LP1138-6-00	LP1138-6-0	LP1138-6-1	LP1138-6-2					6 / 150	10.5 x 2.4	12



LP1142

Pillar slim

Cut 000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
		LP1142-4-0		LP1142-4-2		LP1142-4-4			4 / 100	4.6 x 2.2	12
	LP1142-6-00	LP1142-6-0	LP1142-6-1	LP1142-6-2	LP1142-6-3	LP1142-6-4		LP1142-6-6	6 / 150	6.5 x 3	12
	LP1142-8-00	LP1142-8-0	LP1142-8-1	LP1142-8-2		LP1142-8-4			8 / 200	8.3 x 3.5	12
		LP1142-10-0		LP1142-10-2					10 / 250	9.3 x 4.3	12

LP1152

Pillar extra slim

Cut 000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
	LP1152-4-00	LP1152-4-0		LP1152-4-2					4 / 100	3.7 x 1.7	12
	LP1152-6-00	LP1152-6-0	LP1152-6-1	LP1152-6-2		LP1152-6-4		LP1152-6-6	6 / 150	4.5 x 2.5	12
	LP1152-8-00	LP1152-8-0	LP1152-8-1	LP1152-8-2					8 / 200	6.3 x 2.8	12
	LP1152-10-00	LP1152-10-0		LP1152-10-2					10 / 250	8.3 x 3.8	12

LP1136

Pillar checkering

Cut (raws/cm) 000	00 (8)	0 (12)	1 (16)	2 (20)	3	4 (30)	5	6	L = " / mm	A x B = mm	
	LP1136-6-00	LP1136-6-0	LP1136-6-1	LP1136-6-2		LP1136-6-4			6 / 150	12.4 x 4.5	12

LP1170

Round edges joint file

Thickness = mm 0,3	0,4	0,5	0,6	0,7	0,8	0,9	1	1,1	L = " / mm	A = mm	
LP1170-4-2-0,3	LP1170-4-2-0,4	LP1170-4-2-0,5	LP1170-4-2-0,6						4 / 100	10	12

LP1171

Round edges joint file

Thickness = mm 0,6	0,7	0,8	0,9	1	1,1	1,2	1,5	2	L = " / mm	A = mm	
LP1171-4-2-0,7	LP1171-4-2-0,8	LP1171-4-2-0,9	LP1171-4-2-1	LP1171-4-2-1,1	LP1171-4-2-1,2	LP1171-4-2-1,5	LP1171-4-2-2		4 / 100	10	12

LP1180

Equalling

Cut 00	0	1	2	3	4	Gauge = mm	L = mm	A = mm	
	LP1180-4-0-2		LP1180-4-2-2			2	100	10 x 2	12
		LP1180-5-1-1.7				1.7	125	12 x 1.7	12
LP1180-6-00-2	LP1180-6-0-2		LP1180-6-2-2			2	150	13 x 2	12
LP1180-6-00-2.8	LP1180-6-0-2,8		LP1180-6-2-2,8		LP1180-6-4-2,8	2.8	150	13 x 2.8	12
	LP1180-8-0-3,2		LP1180-8-2-3,2			3.2	200	16 x 3.2	12



LP1185

Equalling special thickness



Cut	00	0	1	2	3	4	Gauge = mm	L = mm	A = mm	
000										
				LP1185-4-2-20			20	100	10 x 0.91	12
				LP1185-4-2-21			21	100	10 x 0.81	12
				LP1185-4-2-22			22	100	10 x 0.71	12
				LP1185-4-2-24			24	100	10 x 0.56	12
				LP1185-4-2-26			26	100	10 x 0.46	12
				LP1185-4-2-28			28	100	10 x 0,38	12
						LP1185-4-4-30	30	100	10 c 0.30	12

LP1230

Crochet



Cut	00	0	1	2	3	4	5	6	L = "/mm	A x B = mm	
000											
		LP1230-4-0		LP1230-4-2					4 / 100	7.5 x 2.2	12
		LP1230-6-0	LP1230-6-1	LP1230-6-2					6 / 150	10 x 3.3	12
		LP1230-8-0							8 / 200	12.5 x 4.2	12

LP1263

Warding



Cut	00	0	1	2	3	4	5	6	L = "/mm	A x B = mm	
000											
		LP1263-6-0		LP1263-6-2		LP1263-6-4			6 / 150	15.4 x 3.5	12

LP1265

Warding special thickness



Cut	00	0	1	2	3	4	Gauge = mm	L = mm	A = mm	
000										
		LP1265-6-0-16					16	150	15.4 x 1.65	12

LP1268

Warding thin



Cut	00	0	1	2	3	4	5	6	L = "/mm	A x B = mm	
000											
	LP1268-4-00	LP1268-4-0		LP1268-4-2		LP1268-4-4			4 / 100	12.4 x 1	12
LP1268-6-000	LP1268-6-00	LP1268-6-0		LP1268-6-2		LP1268-6-4			6 / 150	15.4 x 1.7	12

LP1560

Halfround ordinary



Cut	00	0	1	2	3	4	5	6	L = "/mm	A x B = mm	
000											
	LP1560-4-00	LP1560-4-0	LP1560-4-1	LP1560-4-2	LP1560-4-3	LP1560-4-4			4 / 100	12.7 x 3.5	12
	LP1560-5-00	LP1560-5-0	LP1560-5-1	LP1560-5-2	LP1560-5-3	LP1560-5-4	LP1560-5-5	LP1560-5-6	5 / 125	13.1 x 4.1	12
LP1560-6-000	LP1560-6-00	LP1560-6-0	LP1560-6-1	LP1560-6-2	LP1560-6-3	LP1560-6-4	LP1560-6-5	LP1560-6-6	6 / 150	15.1 x 4.7	12
LP1560-8-000	LP1560-8-00	LP1560-8-0	LP1560-8-1	LP1560-8-2	LP1560-8-3	LP1560-8-4			8 / 200	21.1 x 6.3	12
	LP1560-10-00	LP1560-10-0	LP1560-10-1						10 / 250	25.5 x 7.5	12



LP1566

Halfround slim



Cut	00	0	1	2	3	4	5	6	L = "/ mm	A x B = mm	
	LP1566-6-00	LP1566-6-0	LP1566-6-1	LP1566-6-2	LP1566-6-3	LP1566-6-4			6 / 150	12.7 x 3.5	12
LP1566-8-000		LP1566-8-0	LP1566-8-1						8 / 200	15.5 x 4.5	12
	LP1566-10-00	LP1566-10-0		LP1566-10-2					10 / 250	15.5 x 4.5	12

LP1567

Halfround extra narrow



Cut	00	0	1	2	3	4	5	6	L = "/ mm	A x B = mm	
		LP1567-6-0		LP1567-6-2		LP1567-6-4			6 / 150	9.8 x 2.8	12

LP1360

Three-square



Cut	00	0	1	2	3	4	5	6	L = "/ mm	A = mm	
				LP1360-4-2		LP1360-4-4			4 / 100	7.5	12
		LP1360-5-0							5 / 125	8.3	12
LP1360-6-000	LP1360-6-00	LP1360-6-0	LP1360-6-1	LP1360-6-2	LP1360-6-3	LP1360-6-4			6 / 150	10.3	12
						LP1360-7-4			7 / 175	12.2	12
LP1360-8-000	LP1360-8-00	LP1360-8-0	LP1360-8-1	LP1360-8-2		LP1360-8-4			8 / 200	14.2	12
	LP1360-10-00		LP1360-10-1						10 / 250	17.2	12

LP1366

Three-square narrow



Cut	00	0	1	2	3	4	5	6	L = "/ mm	A = mm	
	LP1366-4-00		LP1366-4-1	LP1366-4-2					4 / 100	5.8	12
		LP1366-6-0	LP1366-6-1	LP1366-6-2	LP1366-6-3				6 / 150	8.3	12

LP1367

Three-square extra narrow



Cut	00	0	1	2	3	4	5	6	L = "/ mm	A = mm	
		LP1367-6-0		LP1367-6-2					6 / 150	7.5	12

LP1660

Round pointed



Cut	00	0	1	2	3	4	5	6	L = "/ mm	A = mm	
				LP1660-4-2		LP1660-4-4			4 / 100	3.9	12
				LP1660-5-2					5 / 125	4.9	12
			LP1660-6-1	LP1660-6-2	LP1660-6-3	LP1660-6-4		LP1660-6-6	6 / 150	5.9	12
			LP1660-8-1	LP1660-8-2		LP1660-8-4			8 / 200	7.8	12

L = " / mm	A = mm	
3 / 75	1.5	12
6 / 150	3.9	12

L = mm	A = mm	
4 / 100	1	12
4 / 100	1.6	12
4 / 100	3	12
6 / 150	2.4	12
6 / 150	3.2	12
6 / 150	4	12
6 / 150	4.8	12

L = "/mm	A = mm	
4 / 100	3.9	12
5 / 125	4.8	12
6 / 150	5.8	12
8 / 200	7.5	12
10 / 250	9.4	12

L = "/mm	A = mm	
1.5 / 38	1	12
2 / 50	1	12
2.5 / 62	1.5	12

L = "/mm	A = mm	
6 / 150	5.5	12
8 / 200	7.5	12



LP1474

Square blunt

Cut	00	0	1	2	3	4	5	6	L = " / mm	A = mm	
000	00	0	1	2	3	4	5	6			
	LP1474-4-00	LP1474-4-0							4 / 100	3.6	12
LP1474-6-000	LP1474-6-00	LP1474-6-0							6 / 150	5.5	12
LP1474-8-000	LP1474-8-00	LP1474-8-0							8 / 200	7.5	12
LP1474-10-000	LP1474-10-00	LP1474-10-0	LP1474-10-1						10 / 250	9.4	12

LP1480

Square seconds hole

Cut	00	0	1	2	3	4	5	6	L = " / mm	A = mm	
000	00	0	1	2	3	4	5	6			
						LP1480-2-4			2 / 50	1	12

LP1040

Slotting

Cut	00	0	1	2	3	4	5	6	L = " / mm	A = mm	
000	00	0	1	2	3	4	5	6			
	LP1040-8-00	LP1040-8-0							8 / 200	7.5	12
	LP1040-10-00-10	LP1040-10-0-10							10 / 250	9.5	12

LP1060

Barrette

Cut	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
000	00	0	1	2	3	4	5	6			
	LP1060-4-00	LP1060-4-0	LP1060-4-1	LP1060-4-2					4 / 100	12.4 x 2.6	12
				LP1060-5-2					5 / 125	14 x 3	12
	LP1060-6-00	LP1060-6-0	LP1060-6-1	LP1060-6-2	LP1060-6-3	LP1060-6-4			6 / 150	15.5 x 3.5	12
	LP1060-8-00	LP1060-8-0	LP1060-8-1						8 / 200	21.5 x 5	12

LP1060HD

Hot die barrette

Cut	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
000	00	0	1	2	3	4	5	6			
		LP1060HD-3-00							3 / 75	9 x 2	12

LP1061

Barrette special

Cut	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
000	00	0	1	2	3	4	5	6			
			LP1061-3-1			LP1061-3-4		LP1061-3-6	3 / 75	9 x 1.8	12

LP1062

Hot die barrette

Cut	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
000	00	0	1	2	3	4	5	6			
		LP1062-4-00							4 / 100	12.4 x 2.6	12



LP1730

Pippin

Cut	00	0	1	2	3	4	5	6
000								
				LP1730-6-2		LP1730-6-4		
				LP1730-8-2				

L =	A x B =	
" / mm	mm	
6 / 150	10 x 4.4	12
8 / 200	11.5 x 4.9	12



LP1760

Knife

Cut	00	0	1	2	3	4	5	6
000								
				LP1760-4-2				
	LP1760-6-00	LP1760-6-0		LP1760-6-2				
	LP1760-8-00	LP1760-8-0	LP1760-8-1	LP1760-8-2				

L =	A x B =	
" / mm	mm	
4 / 100	12.4 x 2.8	12
6 / 150	17.9 x 3.5	12
8 / 200	22 x 4.2	12



LP1840

Screwhead with tang

Thickness = mm	00 = 1	1 = 0.8	2 = 0.7	3 = 0.6	4 = 0.55	5 = 0.5	6 = 0.45	8 = 0.35
000								
			LP1840-3-2	LP1840-3-3	LP1840-3-4		LP1840-3-6	
	LP1840-4-00	LP1840-4-1	LP1840-4-2	LP1840-4-4				

L =	A x B =	
" / mm	mm	
3 / 75	9	12
4 / 100	11	12



LP1850

Screwhead without tang

Thickness = mm	00 = 1	1 = 0.8	2 = 0.7	3 = 0.6	4 = 0.55	5 = 0.5	6 = 0.45	8 = 0.35
000								
					LP1850-3-4	LP1850-3-5	LP1850-3-6	LP1850-3-8

L =	A x B =	
" / mm	mm	
3 / 75	9	12



LP1960

Crossing

Cut	00	0	1	2	3	4	5	6
000								
				LP1960-3,5-2		LP1960-3,5-4		
		LP1960-4-0		LP1960-4-2		LP1960-4-4		
	LP1960-6-00	LP1960-6-0	LP1960-6-1	LP1960-6-2	LP1960-6-3	LP1960-6-4		LP1960-6-6
	LP1960-8-00	LP1960-8-0	LP1960-8-1	LP1960-8-2				

L =	A x B =	
" / mm	mm	
3.5 / 90	10.2 x 2.9	12
4 / 100	11.9 x 3.5	12
6 / 150	14.8 x 5	12
8 / 200	21.3 x 6.3	12



LP1990

Diesinker oval

Cut	00	0	1	2	3	4	5	6
000								
		LP1990-6-0		LP1990-6-2				

L =	A x B =	
" / mm	mm	
6 / 150	8.6 x 4.4	12



PRECISION FILES



LP1292

Warding

Cut	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
									6 / 150	10.5 x 2.4	12
		LP1292-6-0		LP1292-6-2							

LP5070

Multifile

Cut	1 = 6 / 2 = 8	1 = 5 / 2 = 7	1 = 4 / 2 = 6	L = " / mm	A x B = mm	
				8 / 200	21.3 x 4.8	12
				10 / 250	25.3 x 6.3	12
				12 / 300	29.3 x 7.8	6

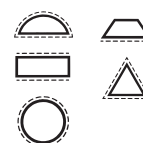
- 1 Side 1
- 2 Side 2

LP1094

Set of 5 files, in pouch

Cut	L = " / mm	
2	6 / 150	1
LP1094		

Composed of:
LP1560 - LPV1132 - LP1660 - LP1060 - LP1360

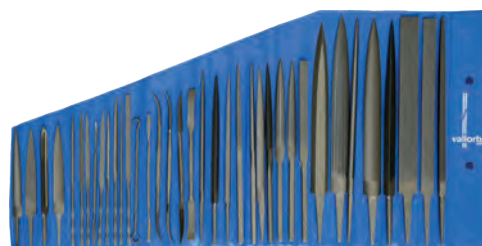


LP1095

Set of 37 files for mechanical engineers

Cut	L = " / mm	
2	6 / 150	1
LP1095		

Composed of:
LR12918-2 - LP1163-8-000 - LP1133-8-2 - LP1263-6-2 - LP1560-6-4 - LP1560-8-4 -
LP1960-4-2 - LP1960-8-1 - LP1730-6-2 - LP1670-6-0 - LP1670-8-00 - LP1464-6-2 -
LP1474-8-0 - LP1360-6-00 - LP1360-8-00 - LP1060-8-1 - LA2401-180-2 - LA2402-180-0 -
LA2403-160-2 - LA2405-160-0 - LA2406-160-00 - LA2409-160-2 - LA2410-180-0 -
LA2411-160-1 - LR12711-2 - LR12730-2 - LR12741-2 - LR12781-0 - LR12901-2 -
LR12985-0 - L00653-4 - LH2601-00 - LH2602-00 - LH2607-00 - LH2608-00 - LH2610-00 -
LH9602-0



Our pouches are also available on request

NEEDLE FILES



LA2401

Pillar

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LA2401-100-0	LA2401-100-1	LA2401-100-2	LA2401-100-3	LA2401-100-4		100	3.5 x 0.9	12
	LA2401-140-0	LA2401-140-1	LA2401-140-2	LA2401-140-3	LA2401-140-4	LA2401-140-6	140	4.8 x 1.1	12
LA2401-160-00	LA2401-160-0	LA2401-160-1	LA2401-160-2	LA2401-160-3	LA2401-160-4	LA2401-160-6	160	5.4 x 1.2	12
LA2401-180-00	LA2401-180-0	LA2401-180-1	LA2401-180-2	LA2401-180-3	LA2401-180-4	LA2401-180-6	180	6.0 x 1.3	12
LA2401-200-00	LA2401-200-0	LA2401-200-1	LA2401-200-2	LA2401-200-3	LA2401-200-4		200	6.5 x 1.3	12

LA2402

Halfround

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LA2402-100-0	LA2402-100-1	LA2402-100-2	LA2402-100-3	LA2402-100-4		100	3.8 x 1.1	12
	LA2402-140-0	LA2402-140-1	LA2402-140-2	LA2402-140-3	LA2402-140-4		140	5.1 x 1.5	12
LA2402-160-00	LA2402-160-0	LA2402-160-1	LA2402-160-2	LA2402-160-3	LA2402-160-4	LA2402-160-6	160	5.6 x 1.7	12
LA2402-180-00	LA2402-180-0	LA2402-180-1	LA2402-180-2	LA2402-180-3	LA2402-180-4		180	5.9 x 2.0	12
LA2402-200-00	LA2402-200-0	LA2402-200-1	LA2402-200-2	LA2402-200-3	LA2402-200-4		200	6.3 x 2.0	12

LA2403

Crossing

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
			LA2403-100-2	LA2403-100-3	LA2403-100-4		100	3.5 x 1.4	12
	LA2403-140-0	LA2403-140-1	LA2403-140-2		LA2403-140-4		140	4.4 x 1.8	12
	LA2403-160-0	LA2403-160-1	LA2403-160-2		LA2403-160-4	LA2403-160-6	160	5.1 x 2.0	12
	LA2403-180-0	LA2403-180-1	LA2403-180-2		LA2403-180-4		180	5.8 x 2.2	12
	LA2403-200-0	LA2403-200-1	LA2403-200-2	LA2403-200-3	LA2403-200-4		200	6.0 x 2.4	12

LA2405

Knife

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
		LA2405-100-1	LA2405-100-2	LA2405-100-3	LA2405-100-4		100	4 x 1.1	12
	LA2405-140-0	LA2405-140-1	LA2405-140-2		LA2405-140-4		140	5.0 x 1.4	12
	LA2405-160-0	LA2405-160-1	LA2405-160-2		LA2405-160-4	LA2405-160-6	160	5.4 x 1.5	12
	LA2405-180-0	LA2405-180-1	LA2405-180-2				180	6 x 1.7	12
	LA2405-200-0	LA2405-200-1	LA2405-200-2	LA2405-200-3	LA2405-200-4		200	6.4 x 1.8	12

LA2406

Warding

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
			LA2406-100-2	LA2406-100-3	LA2406-100-4		100	3.4 x 0.9	12
	LA2406-140-0	LA2406-140-1	LA2406-140-2	LA2406-140-3	LA2406-140-4		140	4.8 x 1.1	12
LA2406-160-00	LA2406-160-0	LA2406-160-1	LA2406-160-2	LA2406-160-3	LA2406-160-4	LA2406-160-6	160	5.4 x 1.2	12
	LA2406-180-0	LA2406-180-1	LA2406-180-2		LA2406-180-4		180	6 x 1.2	12
	LA2406-200-0	LA2406-200-1	LA2406-200-2		LA2406-200-4		200	6.5 x 1.4	12

NEEDLE FILES



LA2407

Three-square

Cut 00	0	1	2	3	4	6	L = mm	A = mm	
	LA2407-100-0	LA2407-100-1	LA2407-100-2	LA2407-100-3	LA2407-100-4		100	2.8	12
	LA2407-140-0	LA2407-140-1	LA2407-140-2	LA2407-140-3	LA2407-140-4	LA2407-140-6	140	3.5	12
LA2407-160-00	LA2407-160-0	LA2407-160-1	LA2407-160-2	LA2407-160-3	LA2407-160-4	LA2407-160-6	160	3.8	12
LA2407-180-00	LA2407-180-0	LA2407-180-1	LA2407-180-2	LA2407-180-3	LA2407-180-4		180	4.2	12
LA2407-200-00	LA2407-200-0	LA2407-200-1	LA2407-200-2	LA2407-200-3	LA2407-200-4		200	4.4	12

LA2408

Square

Cut 00	0	1	2	3	4	6	L = mm	A = mm	
	LA2408-100-0	LA2408-100-1	LA2408-100-2	LA2408-100-3	LA2408-100-4		100	1.7	12
	LA2408-140-0	LA2408-140-1	LA2408-140-2	LA2408-140-3	LA2408-140-4		140	2.2	12
LA2408-160-00	LA2408-160-0	LA2408-160-1	LA2408-160-2	LA2408-160-3	LA2408-160-4	LA2408-160-6	160	2.4	12
LA2408-180-00	LA2408-180-0	LA2408-180-1	LA2408-180-2	LA2408-180-3	LA2408-180-4		180	2.6	12
LA2408-200-00	LA2408-200-0	LA2408-200-1	LA2408-200-2	LA2408-200-3	LA2408-200-4		200	2.8	12

LA2409

Oval

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LA2409-140-0	LA2409-140-1	LA2409-140-2		LA2409-140-4		140	3.5 x 2.4	12
	LA2409-160-0	LA2409-160-1	LA2409-160-2		LA2409-160-4		160	3.9 x 2.5	12
	LA2409-180-0		LA2409-180-2				180	3.9 x 2.5	12

LA2410

Round

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LA2410-100-0	LA2410-100-1	LA2410-100-2	LA2410-100-3	LA2410-100-4		100	2.1	12
LA2410-140-00	LA2410-140-0	LA2410-140-1	LA2410-140-2	LA2410-140-3	LA2410-140-4	LA2410-140-6	140	2.8	12
LA2410-160-00	LA2410-160-0	LA2410-160-1	LA2410-160-2	LA2410-160-3	LA2410-160-4	LA2410-160-6	160	2.9	12
LA2410-180-00	LA2410-180-0	LA2410-180-1	LA2410-180-2	LA2410-180-3	LA2410-180-4		180	3.2	12
LA2410-200-00	LA2410-200-0	LA2410-200-1	LA2410-200-2	LA2410-200-3	LA2410-200-4		200	3.5	12

LA2411

Barrette

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LA2411-100-0	LA2411-100-1	LA2411-100-2	LA2411-100-3	LA2411-100-4		100	3.7 x 1.4	12
	LA2411-140-0	LA2411-140-1	LA2411-140-2	LA2411-140-3	LA2411-140-4		140	4.7 x 1.7	12
LA2411-160-00	LA2411-160-0	LA2411-160-1	LA2411-160-2	LA2411-160-3	LA2411-160-4	LA2411-160-6	160	5.1 x 1.8	12
LA2411-180-00	LA2411-180-0	LA2411-180-1	LA2411-180-2	LA2411-180-3	LA2411-180-4		180	5.4 x 2.0	12
LA2411-200-00	LA2411-200-0	LA2411-200-1	LA2411-200-2	LA2411-200-3	LA2411-200-4		200	5.8 x 2.2	12

NEEDLE FILES



LA2414

Slitting

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LA2414-140-0		LA2414-140-2	LA2414-140-3	LA2414-140-4		140	5.5 x 1.9	12
	LA2414-160-0	LA2414-160-1	LA2414-160-2		LA2414-160-4	LA2414-160-6	160	6.1 x 2.1	12

LA2415

Crochet

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LA2415-140-0	LA2415-140-1	LA2415-140-2		LA2415-140-4		140	4.8 x 1.2	12
	LA2415-160-0	LA2415-160-1	LA2415-160-2		LA2415-160-4	LA2415-160-6	160	5.4 x 1.3	12
	LA2415-180-0		LA2415-180-2				180	5.9 x 1.4	12

LA2416

Pillar round edges

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LA2416-140-0	LA2416-140-1	LA2416-140-2		LA2416-140-4		140	4.8 x 1.2	12
	LA2416-160-0	LA2416-160-1	LA2416-160-2		LA2416-160-4		160	5.4 x 1.3	12
	LA2416-180-0		LA2416-180-2				180	6 x 1.4	12
	LA2416-200-0	LA2416-200-1					200	6.5 x 1.5	12

LA2417

Round edges joint file

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
			LA2417-140-2		LA2417-140-4		140	4.8 x 1.2	12
	LA2417-160-0		LA2417-160-2		LA2417-160-4		160	5.4 x 1.3	12

LA2418

Halfround, cut on back only

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LA2418-140-0		LA2418-140-2		LA2418-140-4		140	5.1 x 1.5	12
	LA2418-160-0		LA2418-160-2		LA2418-160-4		160	5.6 x 1.8	12

LA2420

Contact point file

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LA2420-130-0		LA2420-130-2				130	8.0 x 0.9	12

NEEDLE FILES



LA2423

Round slim

Cut	0	1	2	3	4	6	L = mm	A = mm	
00							100	1	12
		LA2423-100-1	LA2423-100-2						



LA2424

Hot die barrette

Cut	0	1	2	3	4	6	L = mm	A x B = mm	
00							140	4.7 x 1.7	
		LA2424-140-1					160	5.1 x 1.8	12
	LA2424-160-0								



NEEDLE FILES



LA244

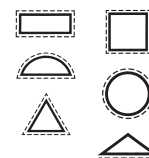
Set of 6 needle files, in pouch

Cut	1	2	4	A (assorted cuts)
0				
LA2442-0		LA2442-2		
LA2443-0		LA2443-2	LA2443-4	
LA2444-0		LA2444-2		
LA2445-0		LA2445-2		

Composed of:

LA2401 - LA2402 - LA2407 - LA2408 - LA2410 - LA2411

L = mm	
140	1
160	1
180	1
200	1



LA245

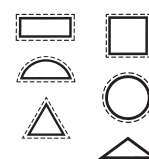
Set of 6 needle files, in blister

Cut	1	2	4	A (assorted cuts)
0				
LA2453-0		LA2453-2		
LA2454-0		LA2454-2		

Composed of:

LA2401 - LA2402 - LA2407 - LA2408 - LA2410 - LA2411

L = mm	
160	1
180	1



LA248

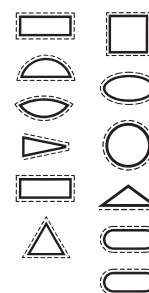
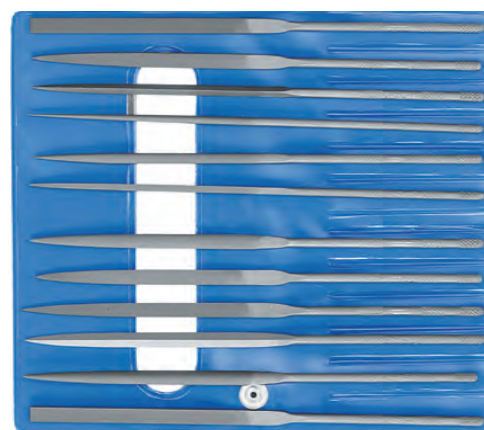
Set of 12 needle files, in pouch

Cut	1	2	4	A (assorted cuts)
0				
LA2482-0	LA2482-1	LA2482-2	LA2482-4	LA2482-A
LA2483-0	LA2483-1	LA2483-2	LA2483-4	LA2483-A
LA2484-0		LA2484-2		LA2484-A
LA2485-0				

Composed of:

LA2401 - LA2402 - LA2403 - LA2405 - LA2406 - LA2407 - LA2408 - LA2409 - LA2410 - LA2411 - LA2415 - LA2416

L = mm	
140	1
160	1
180	1
200	1



LA249

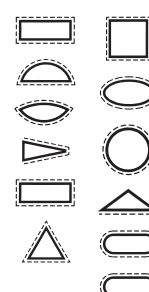
Set of 12 needle files, in plastic box

Cut	1	2	4	A
0				
LA2492-0		LA2492-2	LA2492-4	
LA2493-0		LA2493-2	LA2493-4	

Composed of:

LA2401 - LA2402 - LA2403 - LA2405 - LA2406 - LA2407 - LA2408 - LA2409 - LA2410 - LA2411 - LA2415 - LA2416

L = mm	
140	1
160	1



Our pouches are also available on request

ESCAPEMENT FILES



LE3004

Knife pointed

Cut	2	3	4	5	6	8	10	L = mm	A x B = mm	
0								55	5 x 1.3	12
	LE3004-55-2		LE3004-55-4		LE3004-55-6	LE3004-55-8				

LE3008

Halfround

Cut	2	3	4	5	6	8	10	L = mm	A x B = mm	
0								40	3.8 x 1.4	12
	LE3008-40-2		LE3008-40-4		LE3008-40-6	LE3008-40-8				
	LE3008-55-2	LE3008-55-3	LE3008-55-4	LE3008-55-5	LE3008-55-6	LE3008-55-8	LE3008-55-10	55	4.6 x 1.6	6*/12

LE3009

Crossing

Cut	2	3	4	5	6	8	10	L = mm	A x B = mm	
0								40	3.7 x 1.4	12
	LE3009-40-2		LE3009-40-4		LE3009-40-6	LE3009-40-8				
	LE3009-55-2		LE3009-55-4		LE3009-55-6	LE3009-55-8	LE3009-55-10	55	4.8 x 1.6	6*/12

LE3010

Barrette

Cut	2	3	4	5	6	8	10	L = mm	A x B = mm	
0								40	3.7 x 1.3	12
	LE3010-40-2		LE3010-40-4		LE3010-40-6	LE3010-40-8				
	LE3010-55-0	LE3010-55-2	LE3010-55-3	LE3010-55-4	LE3010-55-5	LE3010-55-6	LE3010-55-8	55	4.5 x 1.3	6*/12

LE3011

Barrette parallel

Cut	2	3	4	5	6	8	10	L = mm	A x B = mm	
0								48	4.1 x 1.2	12
	LE3011-48-2		LE3011-48-4		LE3011-48-6					

LE3012

Rounding off

Cut	2	3	4	5	6	8	10	L = mm	A x B = mm	
0								40	3.6 x 0.8	12
	LE3012-40-2		LE3012-40-4		LE3012-40-6					

LE3014

Three-square

Cut	2	3	4	5	6	8	10	L = mm	A = mm	
0								40	2.8	12
	LE3014-40-2		LE3014-40-4		LE3014-40-6					
	LE3014-55-0	LE3014-55-2	LE3014-55-3	LE3014-55-4	LE3014-55-5	LE3014-55-6	LE3014-55-8	55	3.4	6*/12

* Only for cut 10

ESCAPEMENT FILES



LE3015

Watch anchor

Cut	2	3	4	5	6	8	10	L = mm	A x B = mm	
0								55	4.4 x 0.8	12
					LE3015-55-6	LE3015-55-8				

LE3016

Warding

Cut	2	3	4	5	6	8	10	L = mm	A x B = mm	
0								55	4.6 x 0.9	12
			LE3016-55-4		LE3016-55-6					

LE3017

Pillar

Cut	2	3	4	5	6	8	10	L = mm	A x B = mm	
0								55	5 x 0.9	6*/12
	LE3017-55-2		LE3017-55-4		LE3017-55-6	LE3017-55-8	LE3017-55-10			

LE3020

Square

Cut	2	3	4	5	6	8	10	L = mm	A = mm	
0								55	1.7	6*/12
	LE3020-55-0	LE3020-55-2	LE3020-55-3	LE3020-55-4	LE3020-55-5	LE3020-55-6	LE3020-55-8	55	1.7	6*/12
		LE3020-65-2		LE3020-65-4		LE3020-65-6	LE3020-65-8	65	1.9	12

LE3021

Round

Cut	2	3	4	5	6	8	10	L = mm	A = mm	
0								55	1.5	6*/12
	LE3021-55-0	LE3021-55-2	LE3021-55-3	LE3021-55-4	LE3021-55-6	LE3021-55-8	LE3021-55-10	55	1.5	6*/12
		LE3021-65-2		LE3021-65-4	LE3021-65-6	LE3021-65-8		65	2	12

LE3026

Balance wheel

Cut	2	3	4	5	6	8	10	L = mm	A x B = mm	
0								35	2.9 x 1.2	6*/12
			LE3026-35-4		LE3026-35-6		LE3026-35-10			

LE3029

Equalling

Cut	2-DT	3	4-DT	5	6-DT	8	10	L = mm	A x B = mm	
0								55	4.7 x 0.7	12
	LE3029-55-2-DT		LE3029-55-4-DT		LE3029-55-6-DT					

* Only for cut 10

ESCAPEMENT FILES



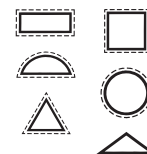
LE3080

Set of 6 escapement files, in pouch

Cut		
4	6	10
LE3080-10		

Composed of:
LE3008 - LE3010 - LE3014 - LE3017 - LE3020 - LE3021

L = mm	
55	1



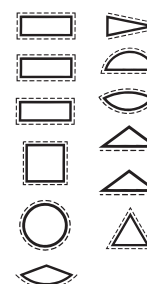
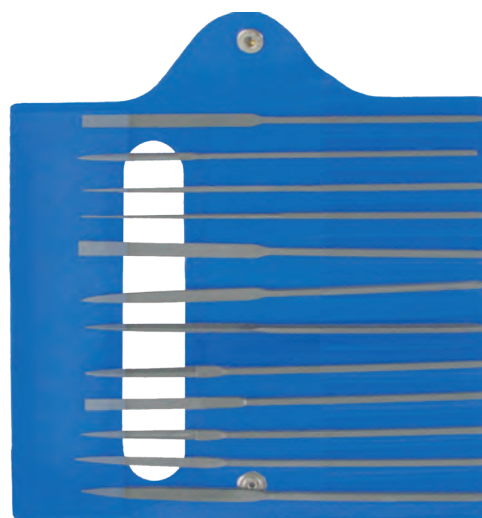
LE3092

Set of 12 escapement files, in pouch

Cut		
4	6	A
LE3092-4	LE3092-6	LE3092-A

Composed of:
LE3004 - LE3008 - LE3009 - LE3010 - LE3011 - LE3014 - LE3016 - LE3017 - LE3020 - LE3021 -
LE3026 - LE3029

L = mm	
35 - 65	1



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RIFFLERS 150 MM



LR12901				
Barrette				
Cut	0	2	L = mm	A x B = mm
00	LR12901-0	LR12901-2	150	3.8 x 1.2
				6
LR12905				
Flat pointed				
Cut	0	2	L = mm	A x B = mm
00	LR12905-0	LR12905-2	150	2 x 1.2
				6
LR12910				
Hand				
Cut	0	2	L = mm	A x B = mm
00	LR12910-0	LR12910-2	150	2 x 1.2
				6
LR12911				
Hand				
Cut	0	2	L = mm	A x B = mm
00	LR12911-0	LR12911-2	150	2 x 1.2
				6
LR12912				
Hand				
Cut	0	2	L = mm	A x B = mm
00	LR12912-0	LR12912-2	150	2.6 x 1.5
				6
LR12913				
Hand				
Cut	0	2	L = mm	A x B = mm
00	LR12913-0	LR12913-2	150	2.6 x 1.5
				6
LR12914				
Flat pointed				
Cut	0	2	L = mm	A x B = mm
00	LR12914-0	LR12914-2	150	3.4 x 1.5
				6
LR12915				
Flat				
Cut	0	2	L = mm	A x B = mm
00	LR12915-0	LR12915-2	150	3.4 x 1.5
				6

RIFFLERS 150 MM



LR12916				
Hand				
Cut				
00	0	2	L = mm	A x B = mm
	LR12916-0	LR12916-2	150	3 x 3
				6
LR12917				
Hand				
Cut				
00	0	2	L = mm	A x B = mm
	LR12917-0	LR12917-2	150	3 x 3
				6
LR12918				
Hand				
Cut				
00	0	2	L = mm	A x B = mm
	LR12918-0	LR12918-2	150	3.8 x 1.6
				6
LR12930				
Square				
Cut				
00	0	2	L = mm	A = mm
	LR12930-0	LR12930-2	150	2.5
				6
LR12940				
Three-square				
Cut				
00	0	2	L = mm	A = mm
	LR12940-0	LR12940-2	150	2
				6
LR12942				
Three-square				
Cut				
00	0	2	L = mm	A = mm
	LR12942-0	LR12942-2	150	3
				6
LR12943				
Three-square				
Cut				
00	0	2	L = mm	A = mm
	LR12943-0	LR12943-2	150	3.4
				6
LR12951				
Knife				
Cut				
00	0	2	L = mm	A x B = mm
	LR12951-0	LR12951-2	150	4.4 x 1.2
				6

RIFFLERS 150 MM



LR12952 Knife				
	Cut 00	0	2	L = mm 150
		LR12952-0	LR12952-2	A x B = mm 4.4 x 1.2
				6
LR12955 Pippin				
	Cut 00	0	2	L = mm 150
		LR12955-0	LR12955-2	A x B = mm 4.7 x 1.3
				6
LR12956 Knife flat edge				
	Cut 00	0	2	L = mm 150
		LR12956-0	LR12956-2	A x B = mm 4.4 x 1.2
				6
LR12957 Knife round edge				
	Cut 00	0	2	L = mm 150
		LR12957-0	LR12957-2	A x B = mm 4.4 x 1.2
				6
LR12961 Halfround				
	Cut 00	0	2	L = mm 150
		LR12961-0	LR12961-2	A x B = mm 4.5 x 2.2
				6
LR12963 Halfround				
	Cut 00	0	2	L = mm 150
		LR12963-0	LR12963-2	A x B = mm 4.6 x 1.5
				6
LR12964 Halfround				
	Cut 00	0	2	L = mm 150
		LR12964-0	LR12964-2	A x B = mm 4.6 x 1.4
				6

RIFFLERS 150 MM



LR12965					
Halfround flat side cut					
Cut 00	0	2	L = mm	A x B = mm	
	LR12965-0	LR12965-2	150	5 x 1.9	6
LR12970					
Crossing					
Cut 00	0	2	L = mm	A x B = mm	
	LR12970-0	LR12970-2	150	1.7 x 1.2	6
LR12972					
Crossing					
Cut 00	0	2	L = mm	A x B = mm	
	LR12972-0	LR12972-2	150	3.8 x 1.8	6
LR12973					
Crossing					
Cut 00	0	2	L = mm	A x B = mm	
	LR12973-0	LR12973-2	150	3.8 x 1.8	6
LR12974					
Crossing					
Cut 00	0	2	L = mm	A x B = mm	
	LR12974-0	LR12974-2	150	3.8 x 1.8	6
LR12975					
Crossing					
Cut 00	0	2	L = mm	A x B = mm	
	LR12975-0	LR12975-2	150	4 x 1.9	6
LR12981					
Round					
Cut 00	0	2	L = mm	A = mm	
	LR12981-0	LR12981-2	150	3.1	6

RIFFLERS 150 MM



LR12982					
Round					
Cut				L =	A =
00	0	2		mm	mm
	LR12982-0	LR12982-2		150	3
					6
LR12983					
Round					
Cut				L =	A =
00	0	2		mm	mm
	LR12983-0	LR12983-2		150	3.2
					6
LR12984					
Round					
Cut				L =	A =
00	0	2		mm	mm
	LR12984-0	LR12984-2		150	3.1
					6
LR12985					
Round					
Cut				L =	A =
00	0	2		mm	mm
	LR12985-0	LR12985-2		150	3.2
					6
LR12986					
Round					
Cut				L =	A =
00	0	2		mm	mm
	LR12986-0	LR12986-2		150	2.6
					6
LR12987					
Round					
Cut				L =	A =
00	0	2		mm	mm
	LR12987-0	LR12987-2		150	3.2
					6
LR12996					
Oval					
Cut				L =	A x B =
00	0	2		mm	mm
	LR12996-0	LR12996-2		150	1.9 x 1.4
					6

RIFFLERS 180 MM



LR12710				
Hand				
Cut	0	2	L = mm	A x B = mm
00	LR12710-0	LR12710-2	180	8.3 x 2.4
				6
LR12711				
Hand				
Cut	0	2	L = mm	A x B = mm
00	LR12711-0	LR12711-2	180	8.3 x 2.4
				6
LR12712				
Flat pointed				
Cut	0	2	L = mm	A x B = mm
00	LR12712-0	LR12712-2	180	8.3 x 2.4
				6
LR12713				
Warding				
Cut	0	2	L = mm	A x B = mm
00	LR12713-0	LR12713-2	180	8.3 x 2.4
				6
LR12731				
Square				
Cut	0	2	L = mm	A = mm
00	LR12731-0	LR12731-2	180	4.8
				6
LR12732				
Square				
Cut	0	2	L = mm	A = mm
00	LR12732-0	LR12732-2	180	4.6
				6
LR12741				
Three-square				
Cut	0	2	L = mm	A = mm
00	LR12741-0	LR12741-2	180	7.4
				6

RIFFLERS 180 MM



LR12750		
Knife		
Cut 00	0	2
	LR12750-0	LR12750-2
		L = mm A x B = mm 180 4.4 x 1.2 6
LR12761		
Halfround		
Cut 00	0	2
	LR12761-0	LR12761-2
		L = mm A x B = mm 180 9.5 x 3.8 6
LR12762		
Halfround		
Cut 00	0	2
	LR12762-0	LR12762-2
		L = mm A x B = mm 180 9 x 3.7 6
LR12763		
Halfround		
Cut 00	0	2
	LR12763-0	LR12763-2
		L = mm A x B = mm 180 9.2 x 3.6 6
LR12764		
Halfround flat side cut		
Cut 00	0	2
	LR12764-0	LR12764-2
		L = mm A x B = mm 180 9.2 x 3.6 6
LR12771		
Crossing		
Cut 00	0	2
	LR12771-0	LR12771-2
		L = mm A x B = mm 180 7.8 x 4.1 6
LR12781		
Round		
Cut 00	0	2
	LR12781-0	LR12781-2
		L = mm A = mm 180 4.8 6
LR12790		
Pippin		
Cut 00	0	2
	LR12790-0	LR12790-2
		L = mm A x B = mm 180 8 x 4 6

RIFFLERS 300 MM



LR12410		
Hand		
Cut		
00	0	2
LR12410-00	LR12410-0	
		L = mm A x B = mm 300 12.8 x 4 6 
LR12411		
Hand		
Cut		
00	0	2
LR12411-00	LR12411-0	
		L = mm A x B = mm 300 12.8 x 4 6 
LR12430		
Square		
Cut		
00	0	2
LR12430-00	LR12430-0	
		L = mm A = mm 300 7.5 6 
LR12440		
Three-square		
Cut		
00	0	2
LR12440-00	LR12440-0	
		L = mm A = mm 300 10.5 6 
LR12450		
Knife		
Cut		
00	0	2
LR12450-00	LR12450-0	
		L = mm A x B = mm 300 14.5 x 3.8 6 
LR12460		
Halfround		
Cut		
00	0	2
LR12460-00	LR12460-0	
		L = mm A x B = mm 300 15.4 x 5.4 6 
LR12480		
Round		
Cut		
00	0	2
LR12480-00	LR12480-0	
		L = mm A = mm 300 7.5 6 

RIFFLERS SETS



LR12156

Set of 6 rifflers, in box

Cut
0

2

LR12156-0	LR12156-2
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Composed of:

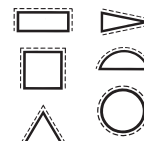
LR12915 - LR12930 - LR12942 - LR12952 - LR12963 - LR12981

L = mm



150

1



LR12186

Set of 6 rifflers, in box

Cut
0

2

LR12186-0	LR12186-2
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Composed of:

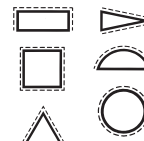
LR12711 - LR12731 - LR12741 - LR12750 - LR12763 - LR12781

L = mm

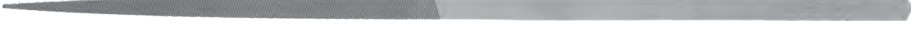


180

1





LH2601		
Pillar		
Cut 00	1	
LH2601-00	LH2601-1	
		L = mm A x B = mm  215 10 x 2.6 12
LH2602		
Halfround		
Cut 00	1	
LH2602-00	LH2602-1	
		L = mm A x B = mm  215 12.2 x 3.4 12
LH2607		
Three-square		
Cut 00	1	
LH2607-00	LH2607-1	
		L = mm A = mm  215 9.5 12
LH2608		
Square		
Cut 00	1	
LH2608-00	LH2608-1	
		L = mm A = mm  215 6 12
LH2610		
Round		
Cut 00	1	
LH2610-00	LH2610-1	
		L = mm A = mm  215 6.5 12
LH2901		
Pillar Multifile		
Cut 00	1	
LH2901-00		
		L = mm A x B = mm  215 10 x 3.2 12



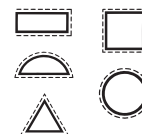
LH2627

Set of 5 Habilis files, in blister

Cut 00	1
LH2627-00	LH2627-1

Composed of:
LH2601 - LH2602 - LH2607 - LH2608 - LH2610

L = mm	
215	1



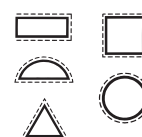
LH2630

Set of 5 Habilis files, in pouch

Cut 00	1
LH2630-00	LH2630-1

Composed of:
LH2601 - LH2602 - LH2607 - LH2608 - LH2610

L = mm	
215	1



LH2631

Set of 3 Habilis files, in pouch

Cut 00	1
LH2631-00	LH2631-1

Composed of:
LH2601 - LH2602 - LH2607

L = mm	
215	1



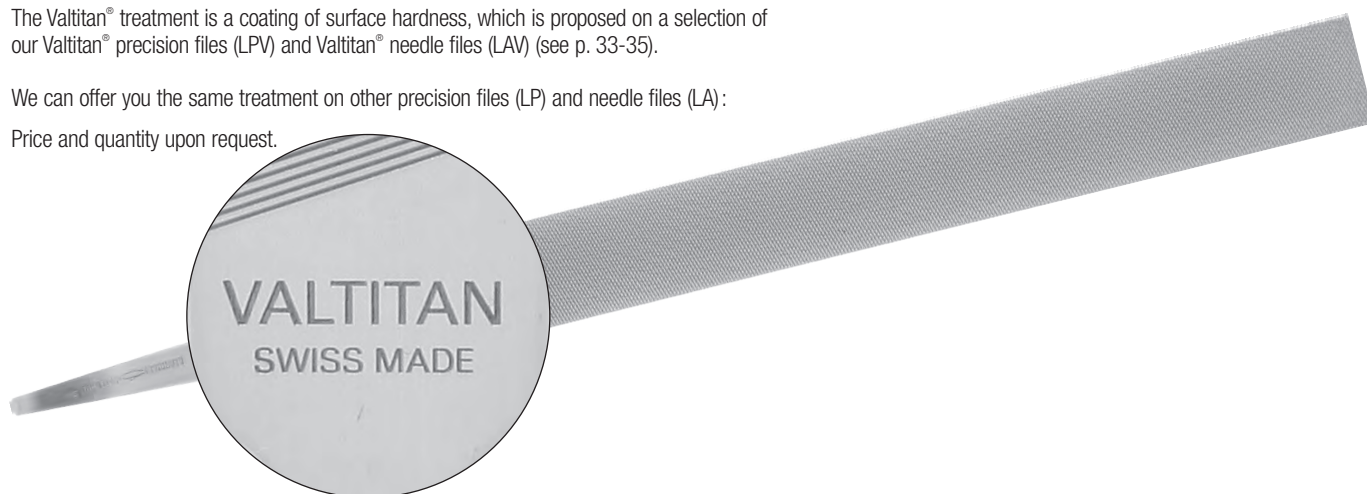
Our pouches are also available on request



The Valtitan® treatment is a coating of surface hardness, which is proposed on a selection of our Valtitan® precision files (LPV) and Valtitan® needle files (LAV) (see p. 33-35).

We can offer you the same treatment on other precision files (LP) and needle files (LA) :

Price and quantity upon request.



LPV1163

Hand

Cut	000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
										6 / 150	18.5 x 4	12
										8 / 200	21.3 x 4.8	12
										10 / 250	25.3 x 6.3	12

LPV1132

Regular pillar 2 sides cut

Cut	000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
										6 / 150	12 x 4	12
										8 / 200	14.5 x 4.5	12

LPV1560

Halfround ordinary

Cut	000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
										6 / 150	15.1 x 4.7	12
										8 / 200	21.1 x 6.3	12

LPV1566

Halfround slim

Cut	000	00	0	1	2	3	4	5	6	L = " / mm	A x B = mm	
										6 / 150	12.7 x 3.5	12



LPV1360

Three-square

Cut	000	00	0	1	2	3	4	5	6
			LPV1360-8-0		LPV1360-8-2				

L =	A =	
" / mm	mm	
8 / 200	14.2	12



LPV1660

Round pointed

Cut	000	00	0	1	2	3	4	5	6
					LPV1660-8-2				

L =	A =	
" / mm	mm	
8 / 200	7	12



LPV1670

Round ordinary blunt

Cut	000	00	0	1	2	3	4	5	6
					LPV1670-8-0				

L =	A =	
" / mm	mm	
8 / 200	7.5	12



LPV1060

Barrette

Cut	000	00	0	1	2	3	4	5	6
					LPV1060-6-2				

L =	A x B =	
" / mm	mm	
6 / 150	15.5 x 3.5	12



VALTITAN® NEEDLE FILES



LAV2401										
Pillar										
Cut							L =	A x B =		
00	0	1	2	3	4	6	mm	mm		
LAV2401-180-00	LAV2401-180-0	LAV2401-180-2					180	6.0 x 1.3		
								12		
LAV2402										
Halfround										
Cut							L =	A x B =		
00	0	1	2	3	4	6	mm	mm		
LAV2402-180-00	LAV2402-180-0	LAV2402-180-2					180	5.9 x 2		
								12		
LAV2406										
Warding										
Cut							L =	A x B =		
00	0	1	2	3	4	6	mm	mm		
	LAV2406-180-0	LAV2406-180-2					180	6.0 x 1.2		
								12		
LAV2407										
Three-square										
Cut							L =	A =		
00	0	1	2	3	4	6	mm	mm		
	LAV2407-180-0	LAV2407-180-2					180	4.2		
								12		
LAV2408										
Square										
Cut							L =	A =		
00	0	1	2	3	4	6	mm	mm		
LAV2408-180-00	LAV2408-180-0	LAV2408-180-2					180	2.6		
								12		
LAV2410										
Round										
Cut							L =	A =		
00	0	1	2	3	4	6	mm	mm		
	LAV2410-180-0	LAV2410-180-2					180	3.2		
								12		
LAV2411										
Barrette										
Cut							L =	A x B =		
00	0	1	2	3	4	6	mm	mm		
	LAV2411-180-0	LAV2411-180-2					180	5.4 x 2.0		
								12		

VALTITAN® NEEDLE FILES



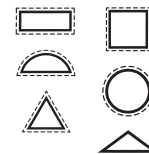
LAV2465

Set of 6 Valtitan® needle files, in blister

Cut	2
0	
LAV2465-2	

Composed of:
LAV2401 - LAV2402 - LAV2407 - LAV2408 - LAV2410 - LAV2411

L = mm	
180	1



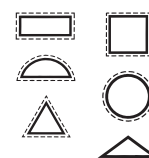
LAV2495

Set of 6 Valtitan® needle files, in pouch

Cut	2
0	
LAV2495-0	LAV2495-2

Composed of:
LAV2401 - LAV2402 - LAV2407 - LAV2408 - LAV2410 - LAV2411

L = mm	
180	1



Our pouches are also available on request

SPECIAL CUT FILES



LP5070

Multifile

Cut

① = 6 / ② = 8

① = 5 / ② = 7

① = 4 / ② = 6

LP5070-8

LP5070-10

LP5070-12

L =
" / mm

A x B =
mm



8 / 200

21.3 x 4.8

12

10 / 250

25.3 x 6.3

12

12 / 300

29.3 x 7.8

6

① Side 1

② Side 2

LP1166

Hand checkering

Cut (rows/cm)

000

00 (8)

0 (12)

1 (16)

2 (20)

3

4

5

6

LP1166-6-00

LP1166-6-0

LP1166-6-1

LP1166-6-2

LP1166-8-0

LP1166-8-1

LP1166-8-2

L =
" / mm

A x B =
mm



6 / 150

19 x 5.2

12

8 / 200

22 x 5.2

12

LP1136

Pillar checkering

Cut (rows/cm)

000

00 (8)

0 (12)

1 (16)

2 (20)

3

4 (30)

5

6

LP1136-6-00

LP1136-6-0

LP1136-6-1

LP1136-6-2

LP1136-6-4

L =
" / mm

A x B = mm



6 / 150

12.4 x 4.5

12

LH2901

Pillar Multifile

Cut

00

1

LH2901-00

L =
mm

A x B =
mm



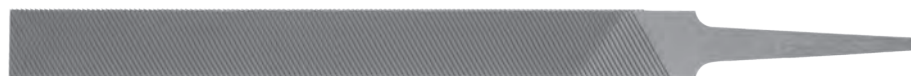
215

10 x 3.2

12

**LP1312**

Flat for aluminium



Cut	000	00	0	1	2	3	4	5	6		L = " / mm	A x B = mm	
											6 / 150	15.5 x 3.5	12
											8 / 200	21.3 x 4.8	12
											10 / 250	25.3 x 6.3	12

LP1352

Halfround for aluminium



Cut	000	00	0	1	2	3	4	5	6		L = " / mm	A x B = mm	
											6 / 150	18.4 x 5.2	12
											10 / 250	25.5 x 7.5	12

LP1540

Halfround for wax



											L = " / mm	A x B = mm	
LP1540-6											6 / 150	12.5 x 3.5	12
LP1540-7											7 / 175	12.5 x 3.5	12
LP1540-8											8 / 200	13.5 x 4	12

**LM0910**

Pillar

Cut
0

4

A x B = mm



LM0910-0

LM0910-4

2 x 1.2

5

LM0911

Pillar

Cut
0

4

A x B = mm



LM0911-0

LM0911-4

2 x 1.2

5

LM0941

Three-square

Cut
0

4

A = mm



LM0941-0

LM0941-4

2.6

5

LM0980

Round

Cut
0

4

A = mm



LM0980-0

LM0980-4

3.1

5

DIAMOND BUFF FILES (NEEDLE FILES)



LAC2401		
Pillar Grit G10 LAC2401-140-G10		
L = mm	A x B = mm	6
140	5.1 x 1	
LAC2402		
Halfround Grit G10 LAC2402-140-G10		
L = mm	A x B = mm	6
140	5.1 x 1.6	
LAC2403		
Crossing Grit G10 LAC2403-140-G10		
L = mm	A x B = mm	6
140	4.4 x 1.8	
LAC2407		
Three-square Grit G10 LAC2407-140-G10		
L = mm	A = mm	6
140	3.5	
LAC2408		
Square Grit G10 LAC2408-140-G10		
L = mm	A = mm	6
140	2.2	
LAC2410		
Round Grit G10 LAC2410-140-G10		
L = mm	A = mm	6
140	2.8	
LAC2411		
Barrette Grit G10 LAC2411-140-G10		
L = mm	A x B = mm	6
140	4.7 x 1.4	
LAC2462		
Set of 6 buff files (needle files), in box Grit G10 LAC2462-140-G10		
L = mm	1	
140		

Composed of:
LAC2401 - LAC2402 - LAC2403 - LAC2407 - LAC2410 - LAC2411

G10 = Pre-polishing

DIAMOND BUFF FILES (ESCAPEMENT FILES)



LEC3008

Halfround

Grit
G10

LEC3008-55-G10



L =
mm

A x B =
mm



55

4 x 1.3

6

LEC3009

Crossing

Grit
G10

LEC3009-55-G10



L =
mm

A x B =
mm



55

3.7 x 1.4

6

LEC3010

Barrette

Grit
G10

LEC3010-55-G10



L =
mm

A x B =
mm



55

3.9 x 1.2

6

LEC3014

Three-square

Grit
G10

LEC3014-55-G10



L =
mm

A =
mm



55

2.8

6

LEC3017

Pillar

Grit
G10

LEC3017-55-G10



L =
mm

A x B =
mm



55

3.8 x 0.8

6

LEC3020

Square

Grit
G10

LEC3020-55-G10



L =
mm

A =
mm



55

1.7

6

LEC3021

Round

Grit
G10

LEC3021-55-G10



L =
mm

A =
mm



55

1.5

6

LEC3062

Set of 6 buff files (escapement files), in box

Grit
G10

LEC3062-55-G10

L = mm



55

1



Composed of:
LEC3008 - LEC3009 - LEC3010 - LEC3014 - LEC3017 - LEC3021

G10 = Pre-polishing

DIAMOND NEEDLE FILES



DA8401		
Pillar		
Grit 91	126	L = mm A x B = mm
DA8401-91	DA8401-126	140 4.8 x 1.1 1
DA8402		
Halfround		
Grit 91	126	L = mm A x B = mm
DA8402-91	DA8402-126	140 5.1 x 1.5 1
DA8407		
Three-square		
Grit 91	126	L = mm A = mm
DA8407-91	DA8407-126	140 3.5 1
DA8408		
Square		
Grit 91	126	L = mm A = mm
DA8408-91	DA8408-126	140 2.2 1
DA8410		
Round		
Grit 91	126	L = mm A = mm
DA8410-91	DA8410-126	140 2.8 1
DA8411		
Barrette		
Grit 91	126	L = mm A x B = mm
	DA8411-126	140 4.7 x 1.7 1

DA8432
Set of 5 diamond needle files, in box

Grit 91	126	L = mm	
DA8432-91	DA8432-126	140	1

Composed of:
DA8401 - DA8402 - DA8407 - DA8408 - DA8410



DIAMOND *Habilis* FILES



DH8232

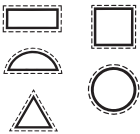
Set of 5 Habilis® diamond files, in box

Grit	
91	126
DH8232-126	

Composed of:

DH8201	Pillar	A x B = 10 x 2.6 mm
DH8202	Halfround	A x B = 12.2 x 3.4 mm
DH8207	Three-square	A = 9.5 mm
DH8208	Square	A = 6 mm
DH8210	Round	A = 6.5 mm

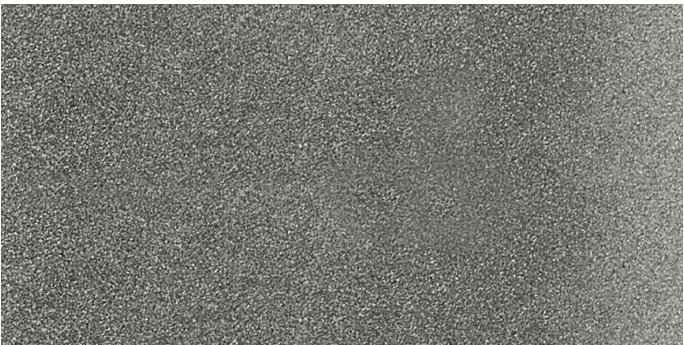
L = mm	
215	1



VALDIAMOND

DD8800

Diamond foils



Grit			
300	600	10000	
DD8800-300	DD8800-600	DD8800-1000	

L x l = mm	
100 x 50	1

DIAMOND NEEDLE FILES



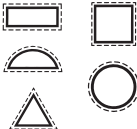
DA9401		
Pillar		
Grit		
91		
DA9401-91		
	L = mm	A x B = mm
	140	4.8 x 1.1
		12

DA9402		
Halfround		
Grit		
91		
DA9402-91		
	L = mm	A x B = mm
	140	5.1 x 1.5
		12

DA9407		
Three-square		
Grit		
91		
DA9407-91		
	L = mm	A = mm
	140	3.5
		12

DA9408		
Square		
Grit		
91		
DA9408-91		
	L = mm	A = mm
	140	2.2
		12

DA9410		
Round		
Grit		
91		
DA9410-91		
	L = mm	A = mm
	140	2.8
		12

DA9470		
Set of 5 Classic diamond needle files, in box		
Grit		
91		
DA9470		
	L = mm	
	140	1
Composed of:		
DA9401 - DA9402 - DA9407 - DA9408 - DA9410		



GLARDON SWISS QUALITY									
Pillar									
Grit							L = mm	A x B = mm	
120	220	300	400	600	800	1000			
		LF0502-M-300	LF0502-M-400	LF0502-M-600	LF0502-M-800	LF0502-M-1000	100	2.0 x 0.5	10
LF1002-M-120	LF1002-M-220	LF1002-M-300	LF1002-M-400	LF1002-M-600	LF1002-M-800	LF1002-M-1000	100	2.0 x 1.0	10
	LF0504-M-220	LF0504-M-300	LF0504-M-400	LF0504-M-600	LF0504-M-800	LF0504-M-1000	100	4.0 x 0.5	10
LF1004-M-120	LF1004-M-220	LF1004-M-300	LF1004-M-400	LF1004-M-600	LF1004-M-800	LF1004-M-1000	100	4.0 x 1.0	10
Grit									
1200	1500	2000	3000				L = mm	A x B = mm	
LF0502-M-1200							100	2.0 x 0.5	10
LF1002-M-1200	LF1002-M-1500	LF1002-M-2000	LF1002-M-3000				100	2.0 x 1.0	10
LF0504-M-1200							100	4.0 x 0.5	10
LF1004-M-1200	LF1004-M-1500						100	4.0 x 1.0	10

GLARDON									
Round									
Grit							L = mm	A = mm	
120	220	300	400	600	800	1000			
	LF234-S-220	LF234-S-300	LF234-S-400	LF234-S-600	LF234-S-800	LF234-S-1000	50	2.34	10
	LF30-S-220	LF30-S-300	LF30-S-400	LF30-S-600	LF30-S-800	LF30-S-1000	50	3.0	10
Grit									
1200	1500	2000	3000				L = mm	A = mm	
LF234-S-1200							50	2.34	10
LF30-S-1200							50	3.0	10

GLARDON									
Square									
Grit							L = mm	A = mm	
120	220	300	400	600	800	1000			
					LF0505-S-800		50	0.5 x 0.5	3
					LF0909-S-800		50	0.9 x 0.9	3
	LF1001-M-220	LF1001-M-300	LF1001-M-400	LF1001-M-600	LF1001-M-800	LF1001-M-1000	100	1.0 x 1.0	10
Cut									
1200	1500	2000	3000				L = mm	A = mm	
LF0505-S-1200							50	0.5 x 0.5	3
LF0909-S-1200							50	0.9 x 0.9	3
LF1001-M-1200	LF1001-M-1500	LF1001-M-2000	LF1001-M-3000				100	1.0 x 1.0	10



LQ5010

Hand

Cut

1 = Bastard

2 = 2nd cut

3 = Smooth

LQ5010-8-1

LQ5010-8-2

LQ5010-8-3

LQ5010-10-1

LQ5010-10-2

LQ5010-10-3

L =
" / mm

A x B =
mm



8 / 200

21 x 5

12

10 / 250

25 x 6.5

12



LQ5100

Halfround

Cut

1 = Bastard

2 = 2nd cut

3 = Smooth

LQ5100-8-1

LQ5100-8-2

LQ5100-8-3

LQ5100-10-1

LQ5100-10-2

LQ5100-10-3

L =
" / mm

A x B =
mm



8 / 200

21 x 6

12

10 / 250

25 x 7

12



LQ5120

Three-square

Cut

1 = Bastard

2 = 2nd cut

3 = Smooth

LQ5120-8-1

LQ5120-8-2

LQ5120-8-3

LQ5120-10-1

LQ5120-10-2

LQ5120-10-3

L =
" / mm

A =
mm



8 / 200

14

12

10 / 250

17

12



LQ5150

Round

Cut

1 = Bastard

2 = 2nd cut

3 = Smooth

LQ5150-8-1

LQ5150-8-2

LQ5150-8-3

LQ5150-10-1

LQ5150-10-2

LQ5150-10-3

L =
" / mm

A =
mm



8 / 200

8

12

10 / 250

10

12





LQ5019

Hand



Cut	2 = 2" cut	3 = Smooth	L = " / mm	A x B = mm	
1 = Bastard					
LQ5019-8-1	LQ5019-8-2	LQ5019-8-3	8 / 200	21 x 5	12
LQ5019-10-1	LQ5019-10-2	LQ5019-10-3	10 / 250	25 x 6.5	12

LQ5109

Halfround



Cut	2 = 2" cut	3 = Smooth	L = " / mm	A x B = mm	
1 = Bastard					
LQ5109-8-1	LQ5109-8-2	LQ5109-8-3	8 / 200	21 x 6	12
LQ5109-10-1	LQ5109-10-2	LQ5109-10-3	10 / 250	25 x 7	12

LQ5129

Three-square



Cut	2 = 2" cut	3 = Smooth	L = " / mm	A = mm	
1 = Bastard					
LQ5129-8-1	LQ5129-8-2	LQ5129-8-3	8 / 200	14	12
LQ5129-10-1	LQ5129-10-2	LQ5129-10-3	10 / 250	17	12

LQ5159

Round



Cut	2 = 2" cut	3 = Smooth	L = " / mm	A = mm	
1 = Bastard					
LQ5159-8-1	LQ5159-8-2	LQ5159-8-3	8 / 200	8	12
LQ5159-10-1	LQ5159-10-2	LQ5159-10-3	10 / 250	10	12

Our pouches are also available on request



LQ5860

Set of 4 Classic files with handle, in blister

Cut
2

LQ5860-8

Composed of:

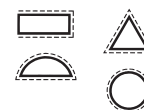
LQ5010 - LQ5100 - LQ5120 - LQ5150 + 4 x ALQ

L =
" / mm

8 / 200



1



LQ5861

Set of 4 Classic files with handle, rolled

Cut
2

LQ5861-8

Composed of:

LQ5010 - LQ5100 - LQ5120 - LQ5150 + 4 x ALQ

L =
" / mm

8 / 200



1



LQ5450

Set of 6 key files with handle, in pouch

Cut
2

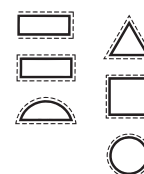
LQ5450-4

L =
" / mm

4 / 100



1



Our pouches are also available on request



LAM001

Pillar

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LAM001-140-0		LAM001-140-2				140	4.8 x 1.1	12
LAM001-160-00	LAM001-160-0		LAM001-160-2				160	5.4 x 1.2	12
	LAM001-180-0		LAM001-180-2				180	6.0 x 1.3	12

LAM002

Halfround

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LAM002-140-0		LAM002-140-2				140	5.1 x 1.5	12
LAM002-160-00	LAM002-160-0		LAM002-160-2				160	5.6 x 1.7	12
	LAM002-180-0		LAM002-180-2				180	5.9 x 2.0	12

LAM003

Crossing

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LAM003-140-0		LAM003-140-2				140	5.1 x 1.5	12
	LAM003-160-0		LAM003-160-2				160	5.6 x 1.7	12

LAM005

Knife

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LAM005-140-0		LAM005-140-2				140	5.0 x 1.4	12
	LAM005-160-0		LAM005-160-2				160	5.4 x 1.5	12

LAM006

Warding

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LAM006-140-0		LAM006-140-2				140	4.8 x 1.1	12
LAM006-160-00	LAM006-160-0		LAM006-160-2				160	5.4 x 1.2	12
LAM006-180-00	LAM006-180-0		LAM006-180-2				180	6 x 1.2	12

LAM007

Three-square

Cut 00	0	1	2	3	4	6	L = mm	A = mm	
	LAM007-140-0		LAM007-140-2				140	3.5	12
LAM007-160-00	LAM007-160-0		LAM007-160-2				160	3.8	12
	LAM007-180-0		LAM007-180-2				180	4.2	12



LAM008

Square

Cut 00	0	1	2	3	4	6	L = mm	A = mm	
	LAM008-140-0		LAM008-140-2				140	2.2	12
LAM008-160-00	LAM008-160-0		LAM008-160-2				160	2.4	12
	LAM008-180-0		LAM008-180-2				180	2.6	12

LAM009

Oval

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LAM009-140-0		LAM009-140-2				140	3.5 x 2.4	12
	LAM009-160-0		LAM009-160-2				160	3.9 x 2.5	12
			LAM009-180-2				180	4.2 x 2.8	12

LAM010

Round

Cut 00	0	1	2	3	4	6	L = mm	A = mm	
	LAM010-140-0		LAM010-140-2				140	2.8	12
LAM010-160-00	LAM010-160-0		LAM010-160-2				160	2.9	12
	LAM010-180-0		LAM010-180-2				180	3.2	12

LAM011

Barrette

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LAM011-140-0		LAM011-140-2				140	4.7 x 1.7	12
	LAM011-160-0		LAM011-160-2				160	5.1 x 1.8	12
	LAM011-180-0		LAM011-180-2				180	5.4 x 2	12

LAM015

Crochet

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LAM015-140-0		LAM015-140-2				140	4.8 x 1.2	12
	LAM015-160-0		LAM015-160-2				160	5.4 x 1.3	12
			LAM015-180-2				180	5.9 x 1.4	12

LAM016

Pillar round edges

Cut 00	0	1	2	3	4	6	L = mm	A x B = mm	
	LAM016-140-0		LAM016-140-2				140	4.8 x 1.2	12
	LAM016-160-0		LAM016-160-2				160	5.4 x 1.3	12
	LAM016-180-0		LAM016-180-2				180	6 x 1.4	12

NEEDLE FILES



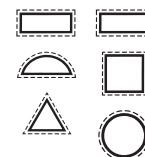
LAM020

Set of 6 Classic needle files, in pouch

Cut	0	2
00	LAM020-140-0	LAM020-140-2
	LAM020-160-0	LAM020-160-2

Composed of:
LAM001 - LAM002 - LAM006 - LAM007 - LAM008 - LAM010

L =	
mm	
140	1
160	1



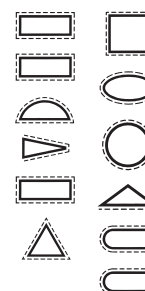
LAM040

Set of 12 Classic needle files, in pouch

LAM040-160

Composed of:
LAM001-160-2 - LAM001-160-0 - LAM002-160-2 - LAM005-160-2 - LAM006-160-2 -
LAM007-160-2 - LAM008-160-2 - LAM009-160-2 - LAM010-160-2 - LAM011-160-2 -
LAM015-160-2 - LAM016-160-2

L =	
mm	
160	1



Our pouches are also available on request

Habilis® FILES



LH9602

Halfround

Cut	0
00	LH9602-0



L =	A x B =	
mm	mm	
212	12.4 x 3.4	12

LH9607

Three-square

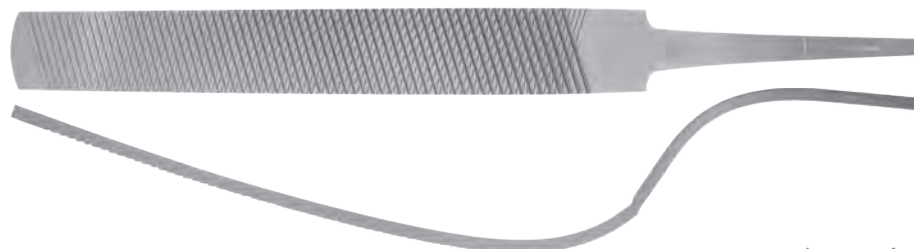
Cut	0
00	LH9607-0



L =	A =	
mm	mm	
215	8	12

**LQPL218**

Incurved hand



Cut

LQPL218-8

L =	A x B =
" / mm	mm
8 / 200	25 x 5



6

LQPL230

Incurved hand



Cut

LQPL230

L =	A x B =
mm	mm
360	34 x 5.5



6

LQ5410

Car body files



Cut

000	00	0	1	2	3	4	5	6
-----	----	---	---	---	---	---	---	---

LQ5410-14-2

L =	A x B =
" / mm	mm
14 / 350	34 x 4.5



6



LS5510

Hand



Cut 1 = Bastard	2 = 2" cut	3 = Smooth	L = " / mm	A x B = mm	
LS5510-4-1	LS5510-4-2	LS5510-4-3	4 / 100	12 x 3	12
LS5510-6-1	LS5510-6-2	LS5510-6-3	6 / 150	16 x 4	12
LS5510-8-1	LS5510-8-2	LS5510-8-3	8 / 200	20 x 5	12
LS5510-10-1	LS5510-10-2	LS5510-10-3	10 / 250	25 x 5.5	12
LS5510-12-1	LS5510-12-2	LS5510-12-3	12 / 300	30 x 6	6
LS5510-14-1	LS5510-14-2		14 / 350	35 x 6.5	6

LS5520

Flat



Cut 1 = Bastard	2 = 2" cut	3 = Smooth	L = " / mm	A x B = mm	
LS5520-4-1	LS5520-4-2	LS5520-4-3	4 / 100	12 x 3	12
LS5520-6-1	LS5520-6-2	LS5520-6-3	6 / 150	16 x 4	12
LS5520-8-1	LS5520-8-2	LS5520-8-3	8 / 200	20 x 5	12
LS5520-10-1	LS5520-10-2	LS5520-10-3	10 / 250	25 x 5.5	12
LS5520-12-1	LS5520-12-2	LS5520-12-3	12 / 300	30 x 6	6
LS5520-14-1			14 / 350	35 x 6.5	6

LS5550

Halfround



Cut 1 = Bastard	2 = 2" cut	3 = Smooth	L = " / mm	A x B = mm	
LS5550-4-1	LS5550-4-2	LS5550-4-3	4 / 100	10 x 3	12
LS5550-6-1	LS5550-6-2	LS5550-6-3	6 / 150	16 x 4.7	12
LS5550-8-1	LS5550-8-2	LS5550-8-3	8 / 200	20.5 x 6	12
LS5550-10-1	LS5550-10-2	LS5550-10-3	10 / 250	26.5 x 7.5	12
LS5550-12-1	LS5550-12-2	LS5550-12-3	12 / 300	31 x 9	6
LS5550-14-1			14 / 350	35 x 10	6

LS5560

Three-square



Cut 1 = Bastard	2 = 2" cut	3 = Smooth	L = " / mm	A = mm	
LS5560-4-1	LS5560-4-2	LS5560-4-3	4 / 100	6.2	12
LS5560-6-1	LS5560-6-2	LS5560-6-3	6 / 150	11	12
LS5560-8-1	LS5560-8-2	LS5560-8-3	8 / 200	15.5	12
LS5560-10-1	LS5560-10-2	LS5560-10-3	10 / 250	17.5	12
LS5560-12-1	LS5560-12-2	LS5560-12-3	12 / 300	19.5	6



LS5580

Round



Cut 1 = Bastard	2 = 2" cut	3 = Smooth	L = " / mm	A = mm	
LS5580-4-1	LS5580-4-2	LS5580-4-3	4 / 100	3.6	12
LS5580-6-1	LS5580-6-2	LS5580-6-3	6 / 150	6	12
LS5580-8-1	LS5580-8-2	LS5580-8-3	8 / 200	8	12
LS5580-10-1	LS5580-10-2	LS5580-10-3	10 / 250	10	12
LS5580-12-1	LS5580-12-2	LS5580-12-3	12 / 300	12	12

LS5570

Square



Cut 1 = Bastard	2 = 2" cut	3 = Smooth	L = " / mm	A = mm	
LS5570-4-1	LS5570-4-2	LS5570-4-3	4 / 100	6	12
LS5570-6-1	LS5570-6-2	LS5570-6-3	6 / 150	6	12
LS5570-8-1	LS5570-8-2	LS5570-8-3	8 / 200	8	12
LS5570-10-1	LS5570-10-2	LS5570-10-3	10 / 250	10	12
LS5570-12-1	LS5570-12-2	LS5570-12-3	12 / 300	12	12

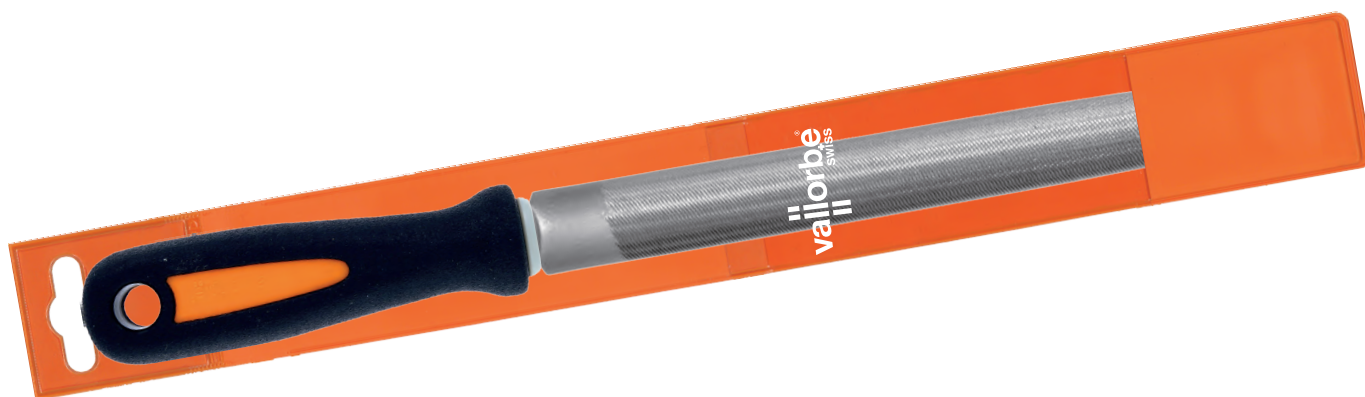
LS5530

Handy file



Cut 1 = Bastard	2 = 2" cut	3 = Smooth	L = " / mm	A x B = mm	
LS5530-8			8 / 200	26 x 5	12

1 side single cut, 1 side double cut



LS5519

Hand



Cut			L = " / mm	A x B = mm	
1 = Bastard	2 = 2" cut	3 = Smooth			
LS5519-6-1	LS5519-6-2	LS5519-6-3	6 / 150	16 x 4	6
LS5519-8-1	LS5519-8-2	LS5519-8-3	8 / 200	20 x 5	6
LS5519-10-1	LS5519-10-2	LS5519-10-3	10 / 250	25 x 5.5	6

LS5529

Flat



Cut			L = " / mm	A x B = mm	
1 = Bastard	2 = 2" cut	3 = Smooth			
LS5529-6-1	LS5529-6-2	LS5529-6-3	6 / 150	16 x 4	6
LS5529-8-1	LS5529-8-2	LS5529-8-3	8 / 200	20 x 5	6
LS5529-10-1	LS5529-10-2	LS5529-10-3	10 / 250	25 x 5.5	6

LS5559

Halfround



Cut			L = " / mm	A x B = mm	
1 = Bastard	2 = 2" cut	3 = Smooth			
LS5559-6-1	LS5559-6-2	LS5559-6-3	6 / 150	16 x 4.7	6
LS5559-8-1	LS5559-8-2	LS5559-8-3	8 / 200	20.5 x 6	6
LS5559-10-1	LS5559-10-2	LS5559-10-3	10 / 250	26.5 x 7.5	6

Our pouches are also available on request

MACHINIST'S FILES (IN POUCH)



LS5569

Three-square



Cut

1 = Bastard

2 = 2" cut

3 = Smooth

LS5569-6-1	LS5569-6-2	LS5569-6-3
LS5569-8-1	LS5569-8-2	LS5569-8-3
LS5569-10-1	LS5569-10-2	LS5569-10-3

L =
" / mm

A =
mm



6 / 150	11	6
8 / 200	15.5	6
10 / 250	17.5	6

LS5589

Round



Cut

1 = Bastard

2 = 2" cut

3 = Smooth

LS5589-6-1	LS5589-6-2	LS5589-6-3
LS5589-8-1	LS5589-8-2	LS5589-8-3
LS5589-10-1	LS5589-10-2	LS5589-10-3

L =
" / mm

A =
mm



6 / 150	6	6
8 / 200	8	6
10 / 250	10	6

LS5579

Square



Cut

1 = Bastard

2 = 2" cut

3 = Smooth

LS5579-6-1	LS5579-6-2	LS5579-6-3
LS5579-8-1	LS5579-8-2	LS5579-8-3
LS5579-10-1	LS5579-10-2	LS5579-10-3

L =
" / mm

A =
mm



6 / 150	6	6
8 / 200	8	6
10 / 250	10	6

LS5930

Set of 5 Saver files with handle, in pouch

Cut

2

LS5930-8
LS5930-10

L =
" / mm



8 / 200	1
10 / 250	1



Composed of:

LS5510 - LS5550 - LS5560 - LS5570 - LS5580 + 5 x ALS

Our pouches are also available on request



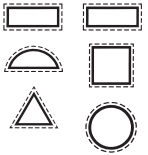
LAM020...ST

Set of 6 Saver needle files, single cut, in pouch

Cut
2ST

LAM020-140-2ST

L =	
mm	
140	1



Our pouches are also available on request

FINE RASPS



RA1559

Halfround slim thin

Cut

5



RA1559-10-5

6

RA1559-10-5

7

L =
" / mm

A x B =
mm



10 / 250 31.5 x 5.3

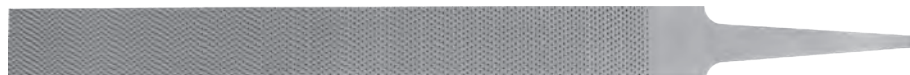
3

RA3512

Hand

Cut

5



6

7

L =
" / mm

A x B =
mm



6 / 150 15.5 x 3.5

3

8 / 200 19.3 x 4.5

3

10 / 250 25.3 x 5.3

3

RA3512-6-7

RA3512-8-6

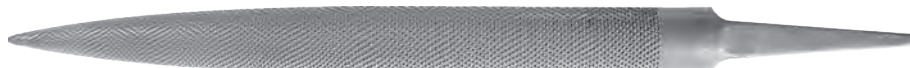
RA3512-10-7

RA3552

Halfround

Cut

5



6

7

L =
" / mm

A x B =
mm



6 / 150 15.1 x 4.5

3

8 / 200 20 x 5.9

3

10 / 250 25.2 x 7.3

3

RA3552-6-7

RA3552-8-6

RA3552-10-7

RA3553

Halfround slim

Cut

5



6

7

L =
mm

A x B =
mm



165 12.3 x 4.7

3

205 15.5 x 5

3

RA3553-6-7

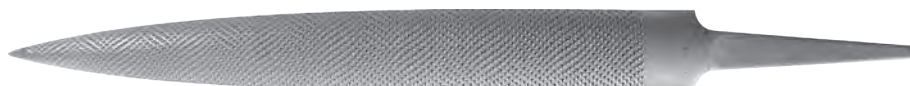
RA3553-8-6

RA3559

Halfround cabinet

Cut

5



6

7

L =
" / mm

A x B =
mm



6 / 150 18 x 3.5

3

8 / 200 22 x 4.3

3

10 / 250 29 x 5.2

3

RA3559-6-7

RA3559-8-6

RA3559-10-6

RA3559-10-7

RA3562

Round

Cut

5



6

7

L =
" / mm

A =
mm



6 / 150 6

3

8 / 200 7.5

3

10 / 250 9

3

RA3562-6-7

RA3562-8-6

RA3562-10-6

PRECISION RASPS

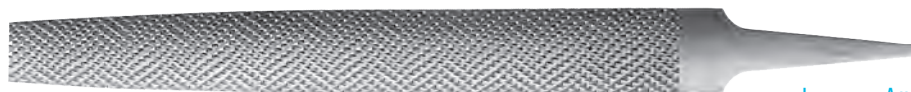


RA1558

Halfround cabinet

Cut

2	3	4	5
			RA1558-6-5
RA1558-8-2	RA1558-8-3		RA1558-8-5
RA1558-10-2	RA1558-10-3	RA1558-10-4	RA1558-10-5
RA1558-12-2	RA1558-12-3		RA1558-12-5



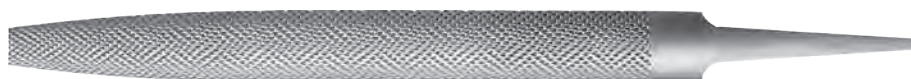
L = " / mm	A x B = mm	
6 / 150	25 x 4.2	12
8 / 200	28 x 4.7	12
10 / 250	31.5 x 5.3	12
12 / 300	35.5 x 6	6

RA1552

Halfround

Cut

2	3	4	5
			RA1552-6-5
			RA1552-8-5
			RA1552-10-5



L = " / mm	A x B = mm	
6 / 150	15.1 x 4.5	12
8 / 200	20 x 5.9	12
10 / 250	25.2 x 7.3	12

RA1553

Halfround slim

Cut

2	3	4	5
			RA1553-6-5



L = " / mm	A x B = mm	
6 / 150	12.3 x 4.7	12

RA1554

Halfround extra narrow

Cut

2	3	4	5
			RA1554-6-5



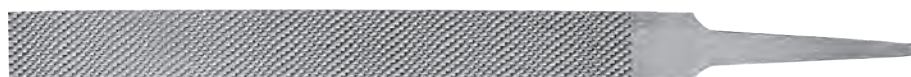
L = " / mm	A x B = mm	
6 / 150	9 x 3.6	12

RA1512

Hand

Cut

2	3	4	5
			RA1512-6-5
			RA1512-8-5



L = " / mm	A x B = mm	
6 / 150	16 x 4	12
8 / 200	20 x 5	12

RA1562

Round

Cut

2	3	4	5
			RA1512-6-5
			RA1512-8-5



L = " / mm	A = mm	
6 / 150	6	12
8 / 200	7.5	12

RA5190

Round

Cut

2	3	4	5
			RA5190-8-2
			RA5190-10-2



L = " / mm	A = mm	
8 / 200	6	12
10 / 250	7.6	12

NEEDLE FILES RASPS



RA2501		
Hand		
Cut		
4		
RA2501-140-4		
	L = mm	A x B = mm
	140	5 x 1.3
		12
RA2502		
Halfround		
Cut		
4		
RA2502-140-4		
	L = mm	A x B = mm
	140	5.3 x 1.7
		12
RA2506		
Warding		
Cut		
4		
RA2506-140-4		
	L = mm	A x B = mm
	140	5.4 x 1.2
		12
RA2507		
Three-square		
Cut		
4		
RA2507-140-4		
	L = mm	A = mm
	140	3.5
		12
RA2508		
Square		
Cut		
4		
RA2508-140-4		
	L = mm	A = mm
	140	2.6
		12
RA2510		
Round		
Cut		
4		
RA2510-140-4		
	L = mm	A = mm
	140	2.9
		12

RA2526						
Set of 6 rasps, in blister						
Cut						
4						
RA2526-140-4						
	L = mm					
	140					
		1				
Composed of:						
RA2501 - RA2502 - RA2506 - RA2507 - RA2508 - RA2510						

RA2530						
Set of 6 rasps, in pouch						
Cut						
4						
RA2530-140-4						
	L = mm					
	140					
		1				
Composed of:						
RA2501 - RA2502 - RA2506 - RA2507 - RA2508 - RA2510						

FINE RIFFLERS RASPS



RA3201

Hand

Cut
7

RA3201-200-7



L =
mm
200

A x B =
mm
9.3 x 2.6



3

RA3203

Three-square

Cut
7

RA3203-200-7



L =
mm
200

A =
mm
7.9



3

RA3205

Round

Cut
7

RA3205-200-7



L =
mm
200

A =
mm
5.3



3

RA3208

Knife

Cut
7

RA3208-200-7



L =
mm
200

A x B =
mm
11.7 x 2.8



3

RA3212

Cat tongue

Cut
7

RA3212-200-7



L =
mm
200

A x B =
mm
8.7 x 2.8



3

RA3294

Crossing

Cut
7

RA3294-200-7



L =
mm
200

A x B =
mm
9.5 x 4.6



3

RIFFLERS RASPS



RA2201				
Hand				
Cut 3	5			
RA2201-200-3	RA2201-200-5	L = mm	A x B = mm	
		200	9.3 x 2.6	6
RA2202				
Halfround				
Cut 3	5			
RA2202-200-3	RA2202-200-5	L = mm	A x B = mm	
		200	10.5 x 4	6
RA2203				
Three-square				
Cut 3	5			
	RA2203-200-5	L = mm	A = mm	
		200	7.9	6
RA2205				
Round				
Cut 3	5			
	RA2205-185-5	L = mm	A = mm	
		185	4.8	6
RA2205-200-3	RA2205-200-5	200	5.3	6
RA2208				
Knife				
Cut 3	5			
RA2208-200-3	RA2208-200-5	L = mm	A x B = mm	
		200	11.7 x 2.8	6
RA2212				
Cat tongue				
Cut 3	5			
RA2212-200-3	RA2212-200-5	L = mm	A x B = mm	
		200	8.7 x 2.8	6
RA2294				
Crossing				
Cut 3	5			
RA2294-200-3	RA2294-200-5	L = mm	A x B = mm	
		200	9.5 x 4.8	6

RIFFLERS RASPS



RA2302

Halfround stairs



Cut
2

4

RA2302-300-2

L =
mm

A x B =
mm



300

19.2 x 2.9

6

RA12511

Hand



Cut
2

4

RA12511

L =
mm

A x B =
mm



180

8.3 x 2.4

6

RA12531

Square



Cut
2

4

RA12531

L =
mm

A =
mm



180

4.8

6

RA12550

Knife



Cut
2

4

RA12550

L =
mm

A x B =
mm



180

10.4 x 2.7

6

RA12563

Halfround



Cut
2

4

RA12563

L =
mm

A x B =
mm



180

9.2 x 3.6

6

RA12570

Crossing



Cut
2

4

RA12570

L =
mm

A x B =
mm



180

7.8 x 4.1

6

RA12581

Round



Cut
2

4

RA12581

L =
mm

A =
mm



180

5.4

6

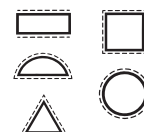


RA2701		
Hand		
Cut 3		
RA2701-3		
	L = mm 205	A x B = mm 10 x 3.1  12
RA2702		
Halfround		
Cut 3		
RA2702-3		
	L = mm 205	A x B = mm 12.2 x 3.6  12
RA2707		
Three-square		
Cut 3		
RA2707-3		
	L = mm 205	A x B = mm 10.3  12
RA2708		
Square		
Cut 3		
RA2708-3		
	L = mm 205	A = mm 7  12
RA2710		
Round		
Cut 3		
RA2710-3		
	L = mm 205	A = mm 7  12

RA2727
Set of 5 rasps, in blister

Cut 3	L = mm
RA2727-3	205 1

Composed of:
RA2701 - RA2702 - RA2707 - RA2708 - RA2710





ECB010

Kit School Classic

ECB010



1

Composed of:

LP1132-6-0 - LP1163-6-0 - LP1163-6-2 - LA2402-140-2 - LA2407-140-2 - LA2408-140-2 - LA2410-140-2 - LA2411-140-2 - LH2602-1 - L00403-0-HSS - ASB400 - 2 x AL410 - AL4101



ECB020

Kit School Premium

ECB020



1

Composed of:

LP1060-6-0 - LP1060-6-3 - LP1133-6-2 - LP1163-6-2 - LP1163-8-0 - LP1540-8 - LP1566-6-0 - LP1960-6-2 - LA2402-160-2 - LA2403-160-2 - LA2407-160-2 - LA2408-160-2 - LA2410-160-2 - LA2411-160-2 - LAC2411-140-G10 - L00401-8-HSS - L00402-6-HSS - L00403-0-HSS - SBGLA10-2/0 - SBGLA10-4/0 - ASB460 - 2 x AL410 - AL500 - AL600 - AL4101



**L00401**

Flat edge



HSS L = 65 mm	WS L = 80 mm	A = mm	
L00401-2-HSS	L00401-2-WS	0.2	5
L00401-4-HSS	L00401-4-WS	0.4	5
L00401-6-HSS	L00401-6-WS	0.6	5
L00401-8-HSS	L00401-8-WS	0.8	5
L00401-10-HSS	L00401-10-WS	1.0	5
L00401-12-HSS	L00401-12-WS	1.2	5
L00401-14-HSS	L00401-14-WS	1.4	5
L00401-16-HSS	L00401-16-WS	1.6	5
L00401-18-HSS		1.8	5
L00401-20-HSS		2.0	5

L00402

Round edge



HSS L = 65 mm	WS L = 80 mm	A = mm	
L00402-2-HSS	L00402-2-WS	0.2	5
L00402-4-HSS	L00402-4-WS	0.4	5
L00402-6-HSS	L00402-6-WS	0.6	5
L00402-8-HSS	L00402-8-WS	0.8	5
L00402-10-HSS	L00402-10-WS	1.0	5
L00402-12-HSS	L00402-12-WS	1.2	5
L00402-16-HSS		1.6	5

L00403

Onglette



HSS L = 65 mm	WS L = 80 mm	A = mm	
L00403-5/0-HSS		1.16	5
L00403-4/0-HSS		1.24	5
L00403-3/0-HSS		1.35	5
L00403-2/0-HSS	L00403-2/0-WS	1.45	5
L00403-0-HSS	L00403-0-WS	1.58	5
L00403-1-HSS	L00403-1-WS	1.78	5
L00403-2-HSS	L00403-2-WS	1.94	5
L00403-3-HSS	L00403-3-WS	2.16	5
L00403-4-HSS	L00403-4-WS	2.54	5
L00403-5-HSS		2.74	5
L00403-6-HSS		2.94	5
L00403-8-HSS		3.36	5

**L00406**

Knife

**HSS****L = 65 mm****WS****L = 80 mm****A = mm**

L00406-18-HSS	L00406-18-WS	1.8	5
L00406-20-HSS	L00406-20-WS	2.0	5
L00406-22-HSS	L00406-22-WS	2.2	5
L00406-24-HSS		2.4	5
L00406-26-HSS	L00406-26-WS	2.6	5
	L00406-30-WS	3.0	5

L00404

Oval

**HSS****L = 65 mm****WS****L = 80 mm****A = mm**

	L00404-21	2.1	5
--	-----------	-----	---

L00405

Bevel

**HSS****L = 65 mm****WS****L = 80 mm****A = mm**

	L00405-12	1.2	5
--	-----------	-----	---

L00413*

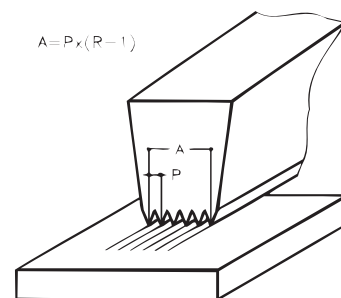
Shading



	N°	D Number of rays/cm	P Distance between 2 rays	R Number of rows	L = mm
L00413-N°-R	10	80	0.125 mm	4 - 6 - 8 - 10 - 14	80
L00413-N°-R	12	67	0.149 mm	4 - 6 - 8 - 10 - 14	80
L00413-N°-R	14	57	0.175 mm	4 - 6 - 8 - 10 - 14	80
L00413-N°-R	16	50	0.2 mm	4 - 6 - 8 - 10 - 14	80
L00413-N°-R	18	44	0.227 mm	4 - 6 - 8 - 10 - 14	80
L00413-N°-R	20	40	0.25 mm	4 - 6 - 8 - 10 - 14	80

*On request

$$A = P \times (R - 1)$$

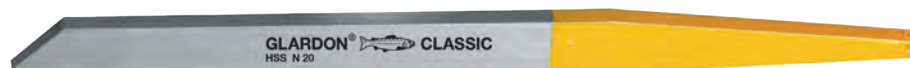


**L09401**

Flat edge

HSS

L = 65 mm



	A = mm	
L09401-2-HSS	0.2	5
L09401-4-HSS	0.4	5
L09401-6-HSS	0.6	5
L09401-8-HSS	0.8	5
L09401-10-HSS	1.0	5
L09401-12-HSS	1.2	5
L09401-14-HSS	1.4	5
L09401-16-HSS	1.6	5
L09401-18-HSS	1.8	5
L09401-20-HSS	2.0	5
L09401-24-HSS	2.4	5

L09402

Round edge

HSS

L = 65 mm



	A = mm	
L09402-2-HSS	0.2	5
L09402-4-HSS	0.4	5
L09402-6-HSS	0.6	5
L09402-8-HSS	0.8	5
L09402-10-HSS	1.0	5
L09402-12-HSS	1.2	5
L09402-14-HSS	1.4	5
L09402-16-HSS	1.6	5
L09402-18-HSS	1.8	5
L09402-20-HSS	2.0	5

**L09403**

Onglette



HSS

L = 65 mm

A = mm



L09403-5/0-HSS	1.16	5
L09403-4/0-HSS	1.24	5
L09403-3/0-HSS	1.35	5
L09403-2/0-HSS	1.45	5
L09403-0-HSS	1.58	5
L09403-1-HSS	1.78	5
L09403-2-HSS	1.94	5
L09403-3-HSS	2.16	5
L09403-4-HSS	2.54	5
L09403-5-HSS	2.74	5
L09403-6-HSS	2.94	5
L09403-7-HSS	3.14	5
L09403-8-HSS	3.36	5

L09406

Knife



HSS

L = 65 mm

A = mm



L09406-18-HSS	1.8	5
L09406-20-HSS	2.0	5
L09406-22-HSS	2.2	5
L09406-24-HSS	2.4	5
L09406-26-HSS	2.6	5
L09406-28-HSS	2.8	5
L09406-30-HSS	3.0	5
L09406-32-HSS	3.2	5

SQUARE GRAVERS, SCRAPERS & BURNISHER



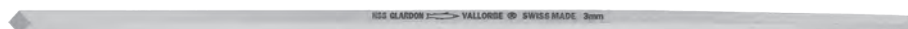
L00501

Square graver

HSS
L = 110 mm

WS
L = 110 mm

		A = mm	
	L00501-1,50-WS	1.5	12
	L00501-1,75-WS	1.75	12
	L00501-2-WS	2	12
L00501-2,25-HSS	L00501-2,25-WS	2.25	12
L00501-2,5-HSS	L00501-2,5-WS	2.5	12
L00501-2,75-HSS	L00501-2,75-WS	2.75	12
L00501-3-HSS	L00501-3-WS	3	12
	L00501-3,25-WS	3.25	12
L00501-3,5-HSS		3.5	12
L00501-4-HSS		4	12



L00502

Lozenge graver

HSS
L = 110 mm

WS
L = 110 mm

		A = mm	
	L00502-1,5	1.5	12
	L00502-1,75	1.75	12
	L00502-2	2	12
	L00502-2,5	2.5	12



L00653

Three-square scraper

	L = mm	A = mm	
L00653-2	50	5	12
L00653-2,5	62	6	12
L00653-3	75	7	12
L00653-4	100	9	12



L00655

Incurved scraper

	L = mm	A = mm	
L00655-2	50	5	12
L00655-3	75	6	12
L00655-3,25	81	7.2	12
L00655-4	100	9	12



L00788

Oval straight burnisher

	L = mm	A x B = mm	
L00788-3	75	6.5 x 3.5	12
L00788-4	100	8 x 4.2	12



SQUARE GRAVERS, SCRAPERS & BURNISHER



L0901

Three-square scrapers with round handle



L0901

L =
mm

A =
mm



12

L0911

Double hollow scraper



L0911

L =
mm

A =
mm



12



LOM0401

Flat edge

HSS
L = 55 mm

LOM0401-2-HSS
LOM0401-4-HSS
LOM0401-6-HSS
LOM0401-8-HSS
LOM0401-10-HSS
LOM0401-12-HSS
LOM0401-14-HSS



A = mm

0.2	5
0.4	5
0.6	5
0.8	5
1.0	5
1.2	5
1.4	5



LOM0402

Round edge

HSS
L = 55 mm

LOM0402-2-HSS
LOM0402-4-HSS
LOM0402-6-HSS
LOM0402-8-HSS
LOM0402-10-HSS



A = mm

0.2	5
0.4	5
0.6	5
0.8	5
1.0	5



LOM0403

Onglette

HSS
L = 55 mm

LOM0403-5/0-HSS
LOM0403-4/0-HSS
LOM0403-3/0-HSS
LOM0403-2/0-HSS
LOM0403-0-HSS
LOM0403-1-HSS
LOM0403-2-HSS
LOM0403-3-HSS
LOM0403-4-HSS



A = mm

1.16	5
1.24	5
1.35	5
1.45	5
1.58	5
1.78	5
1.94	5
2.16	5
2.54	5

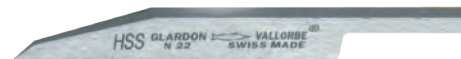


LOM0406

Knife

HSS
L = 55 mm

LOM0406-18-HSS
LOM0406-20-HSS
LOM0406-22-HSS



A = mm

1.8	5
2	5
2.2	5



CARBIDE GRAVERS FOR MACHINES



LOM1401

Flat edge

Carbide

L = 45 mm



	A = mm	
LOM1401-2-C	0.2	5
LOM1401-4-C	0.4	5
LOM1401-6-C	0.6	5
LOM1401-8-C	0.8	5
LOM1401-10-C	1.0	5
LOM1401-12-C	1.2	5
LOM1401-14-C	1.4	5

LOM1402

Round edge

Carbide

L = 45 mm



	A = mm	
LOM1402-2-C	0.2	5
LOM1402-4-C	0.4	5
LOM1402-6-C	0.6	5
LOM1402-8-C	0.8	5
LOM1402-10-C	1.0	5

LOM1403

Onglette

Carbide

L = 45 mm



	A = mm	
LOM1403-0-C	1.40	5
LOM1403-1-C	1.55	5
LOM1403-2-C	1.65	5
LOM1403-3-C	1.75	5
LOM1403-4-C	2	5

LOM1406

Knife

Carbide

L = 45 mm



	α = mm	
LOM1406-30-C	30	5
LOM1406-45-C	45	5
LOM1406-60-C	60	5
LOM1406-75-C	75	5
LOM1406-90-C	90	5
LOM1406-105-C	105	5
LOM1406-110-C	110	5
LOM1406-120-C	120	5



BGLA30

Glardon® conical beading tools



	L = mm	Ø = mm	
BGLA30-60-00	60	0.25	100
BGLA30-60-01	60	0.30	100
BGLA30-60-02	60	0.35	100
BGLA30-60-03	60	0.40	100
BGLA30-60-04	60	0.45	100
BGLA30-60-05	60	0.50	100
BGLA30-60-06	60	0.55	100
BGLA30-60-07	60	0.60	100

BGLA50

Glardon® spherical beading tools



	L = mm	Ø = mm	
BGLA50-60-00	60	0.25	100
BGLA50-60-01	60	0.30	100
BGLA50-60-02	60	0.35	100
BGLA50-60-03	60	0.40	100
BGLA50-60-04	60	0.45	100
BGLA50-60-05	60	0.50	100
BGLA50-60-06	60	0.55	100
BGLA50-60-07	60	0.60	100
BGLA50-60-08	60	0.65	100
BGLA50-60-09	60	0.70	100
BGLA50-60-10	60	0.75	100
BGLA50-60-11	60	0.80	100
BGLA50-60-12	60	0.85	100
BGLA50-60-13	60	0.90	100
BGLA50-60-14	60	0.95	100
BGLA50-60-15	60	1.00	100
BGLA50-60-16	60	1.05	100
BGLA50-60-17	60	1.10	100
BGLA50-60-18	60	1.15	100
BGLA50-60-19	60	1.20	100
BGLA50-60-20	60	1.25	100
BGLA50-60-21	60	1.30	100
BGLA50-60-22	60	1.35	100

BEADING TOOLS SETS



BGLA51

Set of 12 spherical beading tools with handle on a wood stand

Beadings numbers

BGLA51-60 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16



1

BGLA52

Refill set of 12 spherical beading tools

Beadings numbers

BGLA52-60 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16



1

BGLA55

Set of 23 spherical beading tools with handle on a wood stand

Beadings numbers

BGLA55-60 0 → 22



1

BGLA56

Refill set of 23 spherical beading tools

Beadings numbers

BGLA56-60 0 → 22



1

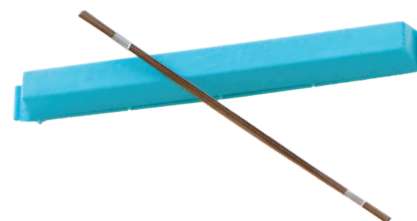


SAW BLADES



SBGLA10

Glardon® jeweller's saw blades



	N°	A x B = mm	
SBGLA10-8/0	8/0	0.32 x 0.16	1000
SBGLA10-6/0	6/0	0.36 x 0.18	1000
SBGLA10-5/0	5/0	0.40 x 0.20	1000
SBGLA10-4/0	4/0	0.44 x 0.22	1000
SBGLA10-3/0	3/0	0.48 x 0.24	1000
SBGLA10-2/0	2/0	0.52 x 0.26	1000
SBGLA10-0	0	0.58 x 0.28	1000
SBGLA10-1	1	0.63 x 0.30	1000
SBGLA10-2	2	0.70 x 0.34	1000
SBGLA10-3	3	0.74 x 0.36	500
SBGLA10-4	4	0.80 x 0.38	500
SBGLA10-5	5	0.85 x 0.40	500



FRAMES FOR SAW BLADES

ASB

Frames for saw blades, high end

	P = mm	
ASB310	Fixed	75 1
ASB410	Adjustable	75 1
ASB510	Adjustable	105 1



JEWELLERS' SNIP



CB3000

Jewellers' snip

CB3000-200-M1



1

Cut	Material		
	Zinc (<80 HV)	–	1.3 mm
	Brass (120 HV, 40 kg/mm ²)	2.0 mm	1.0 mm
	Steel (35 HV, 112 kg/mm ² , 35 HRC)	0.8 mm	0.5 mm



HARDNESS TESTER

LTD..10

Round file for hardness test

Hardness

40 HRC

45 HRC

50 HRC

55 HRC

60 HRC

65 HRC

LTD4010-180-00

LTD4510-180-00

LTD5010-180-00

LTD5510-180-00

LTD6010-180-00

LTD6510-180-00

L =
" / mm

8 / 200



6



LTD0010

Hardness tester, set of 6 files

LTD0010-1800-00



1

Composed of:

LTD4010 - LTD4510 - LTD5010 - LTD5510 - LTD6010 - LTD6510



HANDLES AND BRUSH



CROCODILE

Antislip plastic file handle with hardened threaded insert

For files						
AL110-BLEU			4"	4"		
AL210-BLEU			5"	5" - 6"	4" - 5"	
AL310-BLEU	4"	4"	6"		4" - 6"	4"
AL410-BLEU	6"	6"	8"	8"	8"	6"
AL450-BLEU						
AL510-BLEU	8"	8"	10"	10" - 12"	8" - 10"	8"
AL550-BLEU						
AL610-BLEU	10"	10"	10" - 12"		10" - 12"	10"
AL710-BLEU	12"	12"				12"



L = mm	
94	12
94	12
94	12
105	12
105	12
105	12
105	12
121	12
130	12

CASTOR

Wood file handle for LP files

For files					
AL200	4"	4"			
AL400	5"	5"	6"	6"	6"
AL500	6"	6"	8"	8"	8"
AL600	8" - 10"	8" - 10"	10"	10"	10"



L = mm	
80	12
100	12
115	12
125	12

COBRA

Plastic handle for LP files

AL250
AL350



L = mm	
80	12
110	12

AGILA

Plastic handle for LQ files

Classic	For files				
ALQ301-2	8"	8"	8"		
ALQ301-3	10"	10"	10"		
ALQ302-2					8"
ALQ302-3					10"



L = mm	
112	12
125	12
112	12
125	12

AGILA

Plastic handle for LS files

Saver	For files					
ALS301-1	4"	4"				
ALS301-2	8"	8"	8"			
ALS301-3	10" - 12" - 14"	10" - 12" - 14"	10" - 12"			
ALS302-1				4"	4"	4"
ALS302-2	6"	6"	6"	6" - 8"	6" - 8"	
ALS302-3				10" - 12"	10" - 12"	



L = mm	
112	12
112	12
125	12
112	12
112	12
125	12

HANDLES AND BRUSH



CONDOR

Precision needle file handle

For files = ∅

AL160	2 - 3 mm
AL260	3 - 4 mm



L = mm	
95	12
95	12

COLIBRI

Precision needle file handle

AL170	2 - 3 mm
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L = mm	
86	12

AL4000

Handle for gravers

AL4001		12
AL4002		12
AL4002-P		12
AL4006		12



AL4001



AL4002-P



AL4002



AL4006

AL4100

Adjustable handle for gravers

	L = mm	
AL4101	67	12
AL4102	92	12



AL4101



AL4102

AL5001-P

Handle for beading tools

AL5001-P		1
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AL5990

Brush for files

AL5990		1
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**ALF**

Ceramic fiber files handles

	For	
ALF105	■ A = 0.5 mm	1
ALF109	■ A = 0.9 mm	1
ALF202	● A = 2.34 mm	1
ALF203	● A = 3.0 mm	1
ALF301	■ A = 1 mm	1
ALF302	■ A = 2 mm	1
ALF304	■ A = 4 mm	1



ALF105



ALF202



ALF203

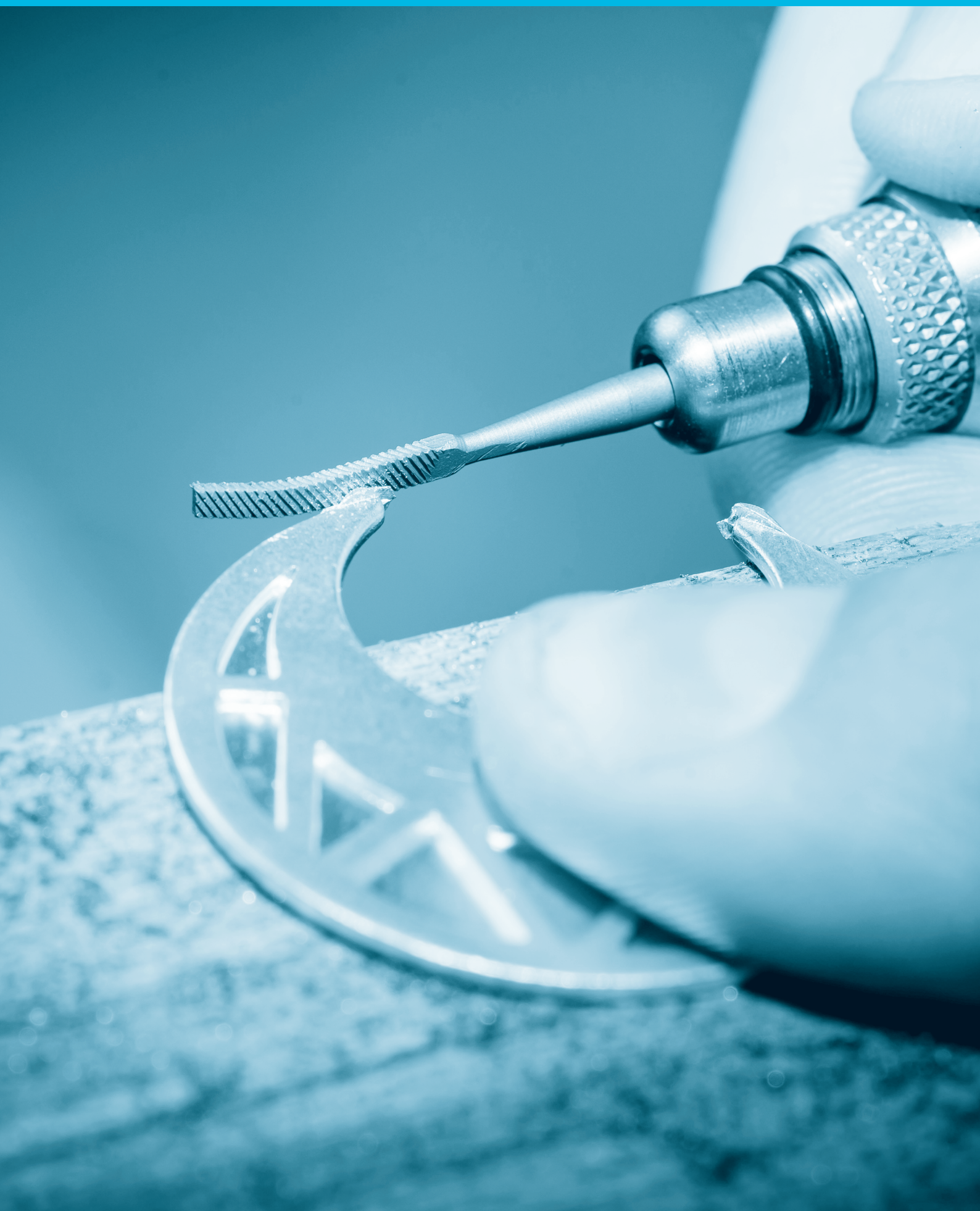


ALF302

PNEUMATIC SYSTEMS



GLARDON[®]





PCS-800100

EnSet® Plus

Ref.

Ref.	Description
PCS-800100	Premium pneumatic engraving system

Includes :
 Desktop control unit with dual port
 Auto-purging bowl with filter
 Foot control
 Multi-voltage power adaptor

Weight =
kg / lbs



5.5 / 11

1



PCS-800000

EnSet® Original

Ref.

Ref.	Description
PCS-800000	Pneumatic engraving system

Includes :
 Desktop control unit with dual port
 Auto-purging bowl with filter
 Foot control
 Multi-voltage power adaptor

Weight =
kg / lbs



5.5 / 11

1



PCS-800200

EnSet® Compact

Ref.

Ref.	Description
PCS-800200	Pneumatic engraving system

Includes :
 Desktop control unit with single port
 Purging bowl with filter
 Foot control
 Multi-voltage power adaptor

Weight =
kg / lbs



5.5 / 11

1



Note : Handpiece to be ordered separately



PHS-800500

EnSet® WH handpiece

Ref.

PHS-800500	EnSet® WH handpiece		1
Includes :	Complete EnSet® WH handpiece Handle in wood Adjusting wrenches Three striking hammers Three tool collets Plastic tool tray		



PHS-800525

EnSet® micro finishing handpiece

Ref.

PHS-800525	EnSet® micro finishing handpiece		1
Includes :	Complete EnSet® filing handpiece Adjusting wrenches Tool holder		
Stroke length :	from 0.5 to 8 mm		



PHS-800300

Handle with three collets

Ref.

PHS-800300	Hand push adjustable handle with three collets		1
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PHS-80060_

Tool collets

Ref.

PHS-800600	EnSet® tool collets, 10 unit pack, Ø 3.5 mm		1
PHS-800602	EnSet® tool collets, 10 unit pack, Ø 2.5 mm		1
PHS-800604	EnSet® tool collets, 10 unit pack, Ø 1.9 mm		1
PHS-800605	EnSet® tool collets, 5 unit pack, Ø 3.5 mm		1



PHS-822010

Plastic tool tray

Ref.

PHS-822010	Plastic tool holder		1
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ENSHARP®

Precise sharpener to modify gravers and tools made of steel and carbide

Ref.

PAS-803000	EnSharp® 230 VII basic sharpener with diamond wheels Ø 125 mm/5" 600 (PAS-803105)	1
PAS-803001	EnSharp® 110 VII basic sharpener with diamond wheels Ø 125 mm/5" 600 (PAS-803105)	1
PAS-803010	EnSharp® 230 VII (PAS-803000) full package with EnSharp® Versa Fixture with stand (PAS-803050) diamond wheels Ø 125 mm/5" 260 gritt (PAS-803100), flat ceramic lap 150 mm/6" (PAS-803120) and ½ Micron diamond spray 100 ml (PAS-803200)	1
PAS-803015	EnSharp® 230 VII (PAS-803000) full package with diamond wheels Ø 125 mm/5" 260 gritt (PAS-803100), flat ceramic lap 150 mm/6" (PAS-803120) and ½ Micron diamond spray 100 ml (PAS-803200)	1
PAS-803020	EnSharp® 110 VII (PAS-803001) full package with diamond wheels Ø 125 mm/5" 260 gritt (PAS-803100), flat ceramic lap 150 mm/6" (PAS-803120) and ½ Micron diamond spray 100 ml (PAS-803200)	1



ENSHARP® VERSA FIXTURE

Precise graduated fixture, prepared to precisely hold your gravers, ceramic polishers or tools during sharpening

Ref.

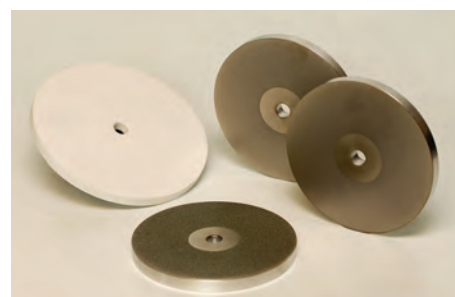
PAS-803050	EnSharp® Versa Fixture with stand	1
PAS-803051	EnSharp® Versa Fixture without stand	1
PAS-803055	Alternative quick change nozzle	1



SHARPENING WHEEL

Ref.

PAS-803100	Diamond wheel 260 gritt 125 mm (5")	1
PAS-803105	Diamond wheel 600 gritt 125 mm (5")	1
PAS-803110	Diamond wheel 1200 gritt 125 mm (5")	1
PAS-803115	Diamond wheel 80 gritt 150 mm (6")	1
PAS-803120	Flat ceramic lap 150 mm (6")	1

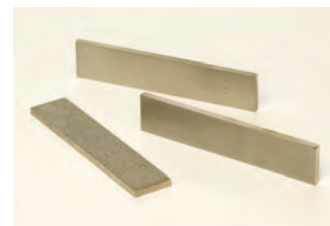




FLAT DIAMOND STONE

Ref.

PAS-803150	Flat diamond stone 200 gritt)		1
PAS-803155	Flat diamond stone 600 grit		1
PAS-803160	Flat diamond stone 1200 gritt		1



PAS-803200

½ Micron diamond spray

Ref.

PAS-803200	½ Micron diamond spray 100 ml		1
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SETTER'S / JEWELLER'S ENVISE

Ref.

PAS-804000	Setter's EnVise® with 4 Pins		1
PAS-804010	Jeweller's EnVise® with 4 Pins		1
PAS-804050	Setter's EnVise® wooden base		1
PAS-804060	Jeweller's EnVise® wooden base		1
PAS-804610	Hex wrench long 1/16"		1
PAS-804615	Hex wrench long 5/64"		1



PAS-801000

Orbital ring fixture®

Ref.

PAS-801000	Orbital ring fixture®		1
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INSIDE RING ENGRAVURE FIXTURE

Ref.

PAS-801100	Inside ring engraving fixture		1
PAS-801105	Inside ring engraving fixture clamp (3)		1





PAS-806200

Silent compressor

Ref.

PAS-806200 Silent compressor LB50 25 Li Cap



1

PAS-801210

Positioning vise

Ref.

PAS-801210  Positioning vise



1

PAS-801230

Large vise shelf

Ref.

PAS-801230  Large vise shelf



1

PAS-801240

Turntable base

Ref.

PAS-801240 Turntable base



1

PAS-801241

Mounting adapter

Ref.

PAS-801241  Mounting adapter



1

STEEL SAVING PLATE

Ref.

PAS-801242  Steel saving plate (right-hand)

PAS-801243  Steel saving plate (left-hand)



1

1



 Available soon



PAS-801244

Multi-purpose vise

Ref.

PAS-801244 Multi-purpose vise



1

PAS-801250

Bench stone-setter kit

Ref.

PAS-801250  Bench stone-setter kit



1

PAS-801251

Bench basic kit

Ref.

PAS-801251 Bench basic kit



1



 Available soon



FINISHING HANDPIECE INSERT

Ref.

PPS-800530	Finishing handpiece round insert
PPS-800535	Finishing handpiece flat insert



1

1



STRIKING HAMMER HEAD

Ref.

PPS-800550	Tungsten striking hammer head
PPS-800552	Brass striking hammer head
PPS-800554	Steel striking hammer head



1

1

1



PPS-800579

EnSet WH handpiece chrome connector

Ref.

PPS-800579	EnSet WH handpiece chrome connector
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1



PPS-800588

Rubber bump for WH handpiece cylinder

Ref.

PPS-800588	Rubber bumper for WH handpiece cylinder
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1



TOOL COLLET O-RING

Ref.

PPS-800655	Tool collet O-ring 4 x 1,8 mm
PPS-800952	Tool collet O-ring 4 x 1 mm



1

1



ORBITAL COLLET

Ref.

PPS-801010	Orbital small collet
PPS-801020	Orbital med-small collet
PPS-801030	Orbital med-big collet
PPS-801040	Orbital big collet



1

1

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1



PPS-801060

Orbital ring fixture ring set

Ref.

PPS-801060	Orbital ring fixture O-ring set
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1





ENSET FILTER 5 MCR

Ref.

PPS-804850	EnSet / EnSet Plus filter 5 mcr
PPS-804851	EnSet Compact filter 5 mcr



1

1



ENSET DRAIN BOWL

Ref.

PPS-804855	EnSet Compact drain bowl
PPS-804856	EnSet Original & Plus drain bowl



1

1



PPS-804890

EnSet handpiece tubing / ME

Ref.

PPS-804890	EnSet / EnSet Plus handpiece tubing / ME
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1



PPS-804950

WH handpiece piston & spring package

Ref.

PPS-804950	WH handpiece piston & spring package
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1



PPS-804952

WH handpiece cylinder spring

Ref.

PPS-804952	WH handpiece cylinder spring
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1





PPS-8C0037

Foot pedal assembly

Ref.

PPS-8C0037 Foot pedal assembly



1



PPS-8C0039

Electrical On-Off switch

Ref.

PPS-8C0039 Electrical On-Off switch



1





MI-50311

Leica A60F scope

Ref.

MI-50311	Leica A60F scope
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Includes :
Leica A60 series stereomicroscope
Leica flexible stand for A60 series
Eyepieces for spectacle wearers
LED ring light



1



MI-50827

Adaptor for Leica A60-S objective lenses

Ref.

MI-50827	Adaptor for Leica A60-S objective lenses
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1



MI-463

Leica objective lenses

Ref.

MI-46318	Leica 0.5x objective lens
MI-46319	Leica 0.63x objective lens
MI-46320	Leica 0.75x objective lens



1

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1





MIS-806301

Kit Glardon® SZM65 scope

Ref.

MIS-806301	Kit Glardon® SZM65 scope with led light and stand
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1



MIS-806300

Scope Glardon® SZM65, eyepieces and 0,5x

Ref.

MIS-806300	Scope Glardon® SZM65 , eyepieces and 0.5x
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1



MIS-805000

Scope stand for Glardon® SZM65 scope

Ref.

MIS-805000	Scope articulated stand for Glardon® SZM65 scope with focus block Glardon® scope SZM-A1 (MIS-806325
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1



MIS-806325

Focus block for Glardon® SZM65 scope

Ref.

MIS-806325	Focus block Glardon® scope SZM-A1
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1



MIS-805152

Ring light for Glardon® SZM65 scope

Ref.

MIS-805152	Led ring light for Glardon® SZM65 scope
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1



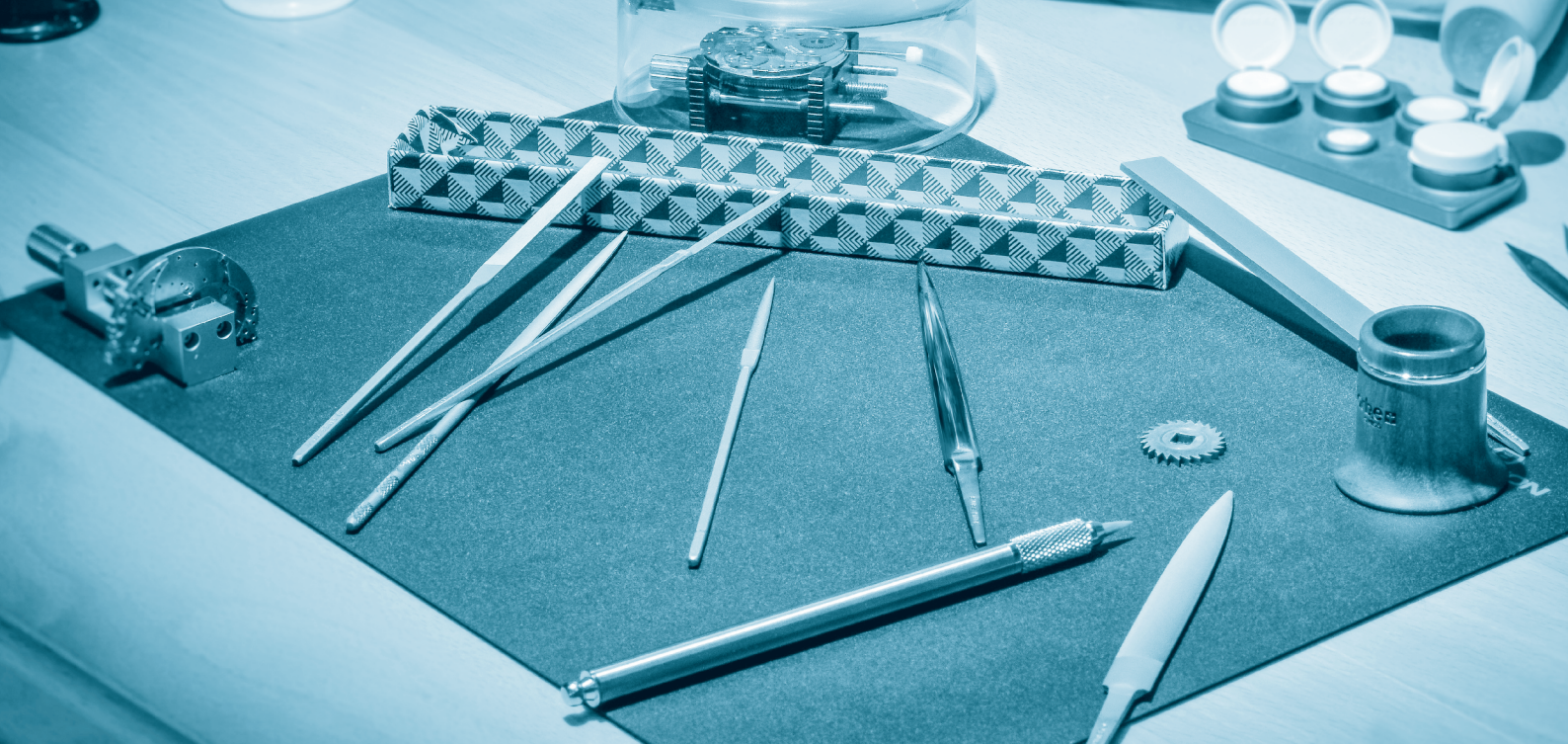
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SAFETY ADVICE

For the safe use of the products listed in this catalogue, refer to the MSDS document (SECU P002-en) on our web site www.vallorbe.com in the download section.



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