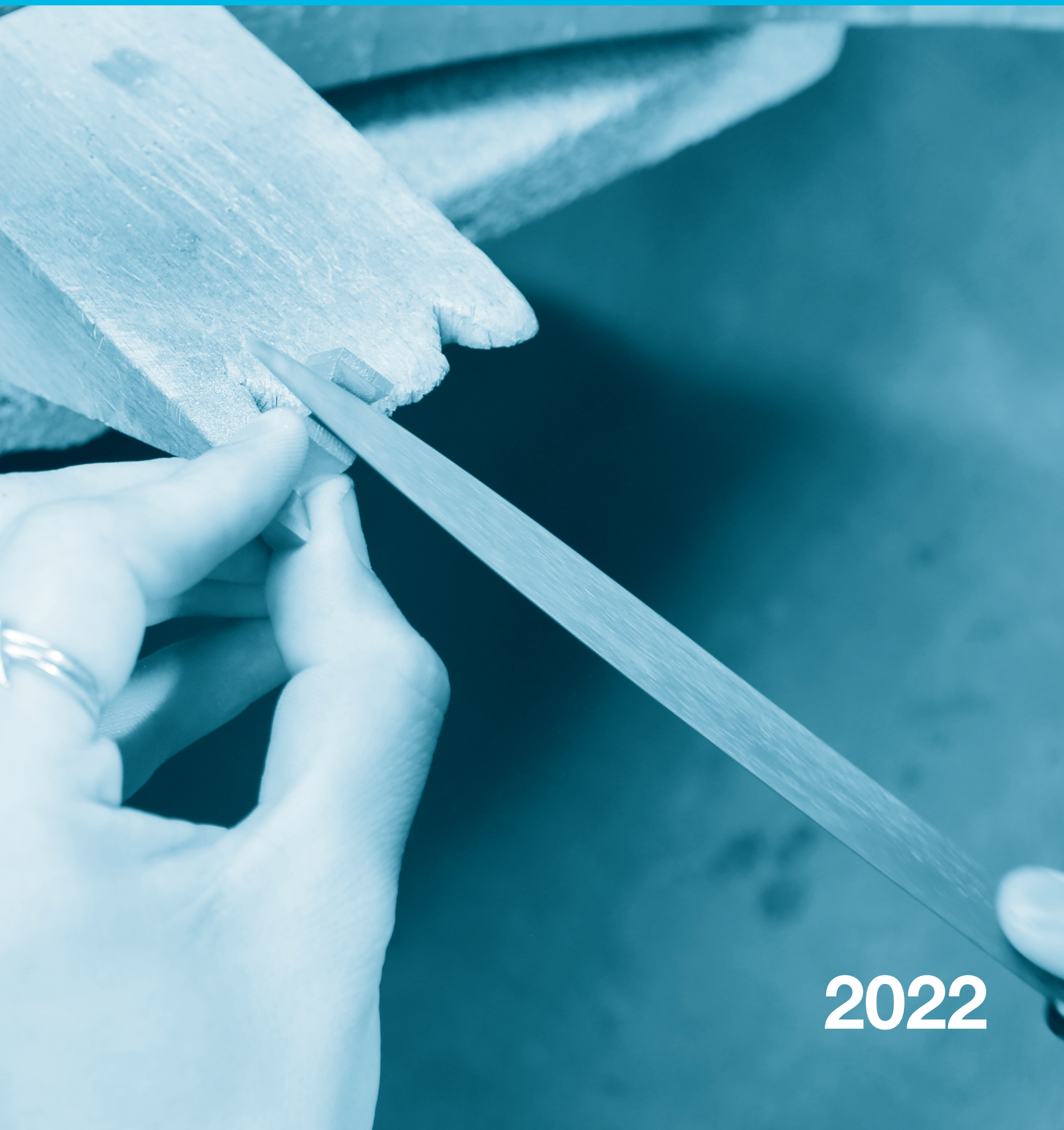
# vallorbe® SWISS

Jewellery, Watchmaking & Industry



2022

# OUR ORGANISATION

*at your service*

GLARDON vallorbe

## CUSTOMER SERVICES

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

## SWISS AND EXPORT CUSTOMERS

Call centre : +41 21 843 94 94

mail: salesoffice@vallorbe.com

www.vallorbe.com

## 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.

Company presentation
youtube

*Innovation | Excellence | Performance | Respect*

# AN INTERNATIONAL COMPANY

*Market Leader*

GLARDON® vallorbe

## 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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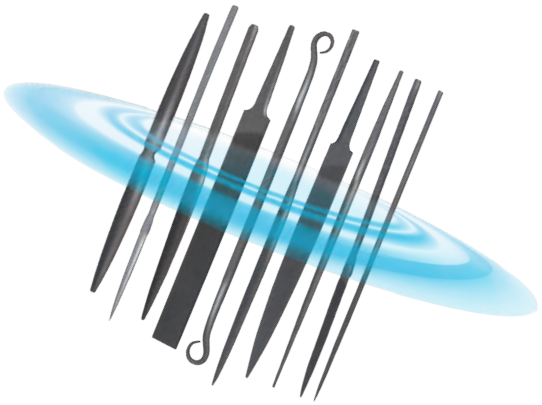
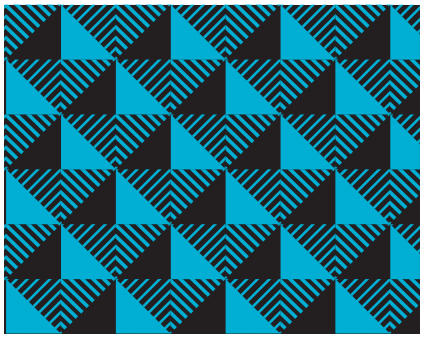


Vallorbe Swiss® offers two different ranges of products.

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

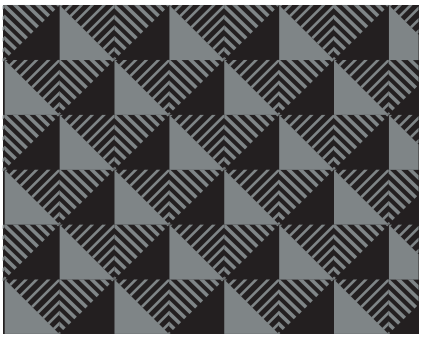
The steel of our files has a hardness of 66 HRC.

## PREMIUM



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

## CLASSIC

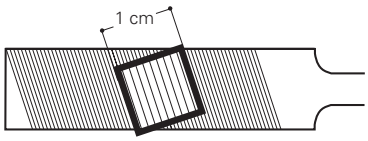


Vallorbe Swiss® proposes an intermediate swiss made range, with a price/performance solution, appropriated for some markets.

# TOGETHER
*working with passion*

**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) | | | |
| Needle files | | 20 | 25 | 31 | 38 | 46 | 56 | 68 | 84 | | | |
| Escapement files | | 20 | 25 | 31 | 38 | 46 | 56 | 68 | 84 | 100 | 116 | 156 |
| Habilis® files | | 18 | 21 | 25 | 31 | | | | | | | |
| Rifflers 150 mm, files for machines | | | 25 | | 38 | | | | | | | |
| Rifflers 180 mm and 300 mm | | | 16 | | 25 | | | | | | | |

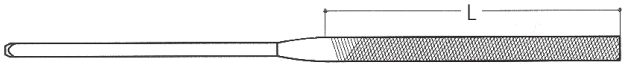
## MAIN DIMENSIONS

**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**

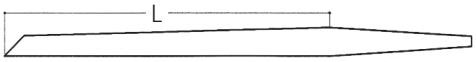
**LE - LEC**




**LP - LPV - LQ - 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, 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 | LP11638-6-2 | | | | | 6 / 150 | 10.5 x 2.4 | 12 |

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## 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 |

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## LP1185

Equalling special thickness

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | Gauge = mm | L = mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 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 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 3.1 | 12 |
| | | LP1230-8-0 | | | | | | | 8 / 200 | 12.5 x 4.2 | 12 |

## LP1263

Warding

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

## LP1265

Warding special thickness

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

## LP1268

Warding thin

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |

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## LP1566

Halfround slim

| Cut 000 | 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 000 | 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 000 | 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 000 | 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 000 | 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 000 | 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 |

## LP1667

Round extra slim



| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = ‘’ / mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LP1667-3-1 | | | | | | 3 / 75 | 1.5 | 12 |
| | | LP1667-6-0 | | | | | | | 6 / 150 | 3.9 | 12 |

## LP1669

Round cylindrical

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | ∅ | L = ‘’ / mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | LP1669-4-3-1,0 | | 1 | 4 / 100 | 1 | 12 |
| | | LP1669-4-0-1,6 | | LP1669-4-2-1,6 | | | 1.6 | 4 / 100 | 1.6 | 12 |
| | | LP1669-4-0-3 | | LP1669-4-2-3 | | | 3 | 4 / 100 | 3 | 12 |
| | | LP1669-6-0-2.4 | | LP1669-6-2-2.4 | | | 2.4 | 6 / 150 | 2.4 | 12 |
| | | LP1669-6-0-3.2 | | LP1669-6-2-3.2 | | | 3.2 | 6 / 150 | 3.2 | 12 |
| | | LP1669-6-0-4 | | LP1669-6-2-4 | | | 4 | 6 / 150 | 4 | 12 |
| | LP1669-6-00-4.8 | LP1669-6-0-4.8 | | LP1669-6-2-4.8 | | | 4.8 | 6 / 150 | 4.8 | 12 |

## LP1670

Round ordinary blunt

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = ‘’ / mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | LP1670-4-00 | LP1670-4-0 | | | | | | | 4 / 100 | 3.9 | 12 |
| | LP1670-5-00 | LP1670-5-0 | | | | | | | 5 / 125 | 4.8 | 12 |
| LP1670-6-000 | LP1670-6-00 | LP1670-6-0 | | | | | | | 6 / 150 | 5.8 | 12 |
| LP1670-8-000 | LP1670-8-00 | LP1670-8-0 | | | | | | | 8 / 200 | 7.5 | 12 |
| LP1670-10-000 | | LP1670-10-0 | LP1670-10-1 | | | | | | 10 / 250 | 9.4 | 12 |

## LP1680

Round seconds hole



| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = ‘’ / mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LP1680-1,5-2 | | | | | 1.5 / 38 | 1 | 12 |
| | | | | LP1680-2-2 | | LP1680-2-4 | | | 2 / 50 | 1 | 12 |
| | | | | LP1680-2,5-2 | | | | | 2.5 / 62 | 1.6 | 12 |

## LP1464

Square pointed

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = ‘’ / mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LP1464-6-1 | LP1464-6-2 | LP1464-6-3 | | | | 6 / 150 | 5.5 | 12 |
| | | | LP1464-8-1 | LP1464-8-2 | | | | | 8 / 200 | 7.5 | 12 |

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## LP1474

Square blunt

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

## LP1040

Slotting

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

## LP1061

Barrette special

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

## LP1062

Hot die barrette

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

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## LP1730

Pippin

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LP1730-6-2 | | LP1730-6-4 | | | 6 / 150 | 10 x 4.4 | 12 |
| | | | | LP1730-8-2 | | | | | 8 / 200 | 11.5 x 4.9 | 12 |

## LP1760

Knife

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LP1760-4-2 | | | | | 4 / 100 | 12.4 x 2.8 | 12 |
| | LP1760-6-00 | LP1760-6-0 | | LP1760-6-2 | | | | | 6 / 150 | 17.9 x 3.5 | 12 |
| | LP1760-8-00 | LP1760-8-0 | LP1760-8-1 | LP1760-8-2 | | | | | 8 / 200 | 22 x 4.2 | 12 |

## LP1840

Screwhead with tang

| Thickness = mm 000 | 00 = 1 | 1 = 0.8 | 2 = 0.7 | 3 = 0.6 | 4 = 0.55 | 5= 0.5 | 6 = 0.45 | 8 = 0.35 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LP1840-3-2 | LP1840-3-3 | LP1840-3-4 | | LP1840-3-6 | | 3 / 75 | 9 | 12 |
| | LP1840-4-00 | LP1840-4-1 | LP1840-4-2 | | LP1840-4-4 | | | | 4 / 100 | 11 | 12 |

## LP1850

Screwhead without tang

| Thickness = mm 000 | 00 = 1 | 1 = 0.8 | 2 = 0.7 | 3 = 0.6 | 4 = 0.55 | 5= 0.5 | 6 = 0.45 | 8 = 0.35 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | LP1850-3-4 | LP1850-3-5 | LP1850-3-6 | LP1850-3-8 | 3 / 75 | 9 | 12 |

## LP1960

Crossing

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LP1960-3,5-2 | | LP1960-3,5-4 | | | 3.5 / 90 | 10.2 x 2.9 | 12 |
| | | LP1960-4-0 | | LP1960-4-2 | | LP1960-4-4 | | | 4 / 100 | 11.9 x 3.6 | 12 |
| | LP1960-6-00 | LP1960-6-0 | LP1960-6-1 | LP1960-6-2 | LP1960-6-3 | LP1960-6-4 | | LP1960-6-6 | 6 / 150 | 14.8 x 5 | 12 |
| | LP1960-8-00 | LP1960-8-0 | LP1960-8-1 | LP1960-8-2 | | | | | 8 / 200 | 21.3 x 6.3 | 12 |

## LP1990

Diesinker oval

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LP1990-6-0 | | LP1990-6-2 | | | | | 6 / 150 | 8.6 x 4.4 | 12 |

## LP1292

Warding

| Cut | | | | | | | | | | L = ‘’ / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | | | |
| | | LP1292-6-0 | | LP1292-6-2 | | | | | | 6 / 150 | 10.5 x 2.4 | 12 |

## LP5070

Multifile

| Cut | | | L = ‘’ / mm | A x B = mm | |
|---|---|---|---|---|---|
| ❶ = 6 / ❷ = 8 | ❶ = 5 / ❷ = 7 | ❶ = 4 / ❷ = 6 | | | |
| LP5070-8 | | | 8 / 200 | 21.3 x 4.8 | 12 |
| | LP5070-10 | | 10 / 250 | 25.3 x 6.3 | 12 |
| | | LP5070-12 | 12 / 300 | 29.3 x 7.8 | 6 |

❶ Side 1
❷ Side 2

## LP1094

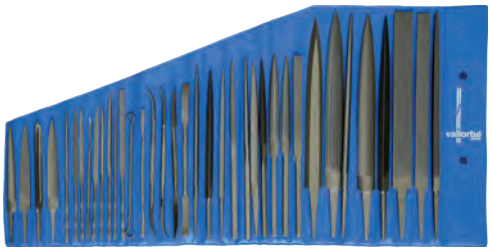
Set of 5 files, in pouch

| Cut | L = ‘’ / mm | |
|---|---|---|
| 2 | | |
| LP1094 | 6 / 150 | 1 |

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

## LP1095

Set of 37 files for mechanical engineers



| | |
|---|---|
| LP1095 | 1 |

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

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## 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 |

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## 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 | 4.2 x 2.8 | 12 |
| | LA2409-200-0 | | | | | | 200 | 4.4 x 2.9 | 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 |

## LA2414

Slitting

| Cut 00 | 0 | 1 | 2 | 3 | 4 | 6 | L = mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|
| | LA2414-140-0 | LA2414-140-1 | 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 |
| | LA2415-200-0 | | | | | | 200 | 6.5 x 1.5 | 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 |

## LA2423

Round slim



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

## LA2424

Hot die barrette

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

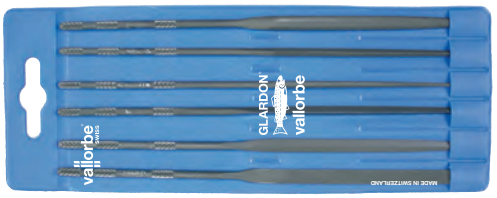
# NEEDLE FILES

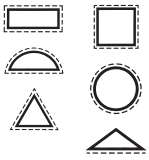
## LA244

Set of 6 needle files, in pouch

| Cut 0 | 1 | 2 | 4 | A (assorted cuts) | L = mm | |
|---|---|---|---|---|---|---|
| LA2442-0 | | LA2442-2 | | | 140 | 1 |
| LA2443-0 | | LA2443-2 | LA2443-4 | | 160 | 1 |
| LA2444-0 | | LA2444-2 | | | 180 | 1 |
| LA2445-0 | | LA2445-2 | | | 200 | 1 |

Composed of :
LA2401 - LA2402 - LA2407 - LA2408 - LA2410 - LA2411



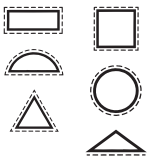



## LA245*

Set of 6 needle files, in blister

| Cut 0 | 1 | 2 | 4 | A (assorted cuts) | L = mm | |
|---|---|---|---|---|---|---|
| LA2453-0 | | LA2453-2 | | | 160 | 1 |
| LA2454-0 | | LA2454-2 | | | 180 | 1 |

Composed of :
LA2401 - LA2402 - LA2407 - LA2408 - LA2410 - LA2411



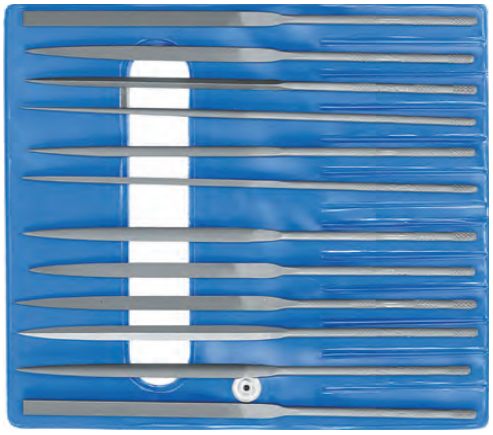
*While stocks last

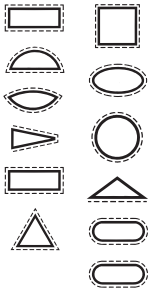
## LA248

Set of 12 needle files, in pouch

| Cut 0 | 1 | 2 | 4 | A (assorted cuts) | L = mm | |
|---|---|---|---|---|---|---|
| LA2482-0 | LA2482-1 | LA2482-2 | LA2482-4 | LA2482-A | 140 | 1 |
| LA2483-0 | LA2483-1 | LA2483-2 | LA2483-4 | LA2483-A | 160 | 1 |
| LA2484-0 | | LA2484-2 | | | 180 | 1 |
| LA2485-0 | | | | | 200 | 1 |

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



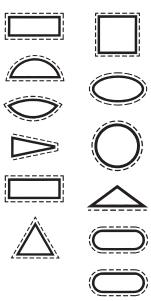


## LA249

Set of 12 needle files, in plastic box

| Cut 0 | 1 | 2 | 4 | A | L = mm | |
|---|---|---|---|---|---|---|
| LA2492-0 | | LA2492-2 | LA2492-4 | | 140 | 1 |
| LA2493-0 | | LA2493-2 | LA2493-4 | | 160 | 1 |

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



Our pouches are also available on request

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## LE3004

Knife pointed

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

## LE3008

Halfround

| Cut 0 | 2 | 3 | 4 | 5 | 6 | 8 | 10 | L = mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LE3008-40-2 | | LE3008-40-4 | | LE3008-40-6 | LE3008-40-8 | | 40 | 3.8 x 1.4 | 12 |
| | 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 0 | 2 | 3 | 4 | 5 | 6 | 8 | 10 | L = mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LE3009-40-2 | | LE3009-40-4 | | LE3009-40-6 | LE3009-40-8 | | 40 | 3.7 x 1.4 | 12 |
| | 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 0 | 2 | 3 | 4 | 5 | 6 | 8 | 10 | L = mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LE3010-40-2 | | LE3010-40-4 | | LE3010-40-6 | LE3010-40-8 | | 40 | 3.7 x 1.3 | 12 |
| LE3010-55-0 | LE3010-55-2 | LE3010-55-3 | LE3010-55-4 | LE3010-55-5 | LE3010-55-6 | LE3010-55-8 | LE3010-55-10 | 55 | 4.5 x 1.3 | 6*/12 |

## LE3011

Barrette parallel

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

## LE3012

Rounding off

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

## LE3014

Three-square

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

* Only for cut 10

# ESCAPEMENT FILES

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## LE3015

Watch anchor

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

## LE3016

Warding

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

## LE3017

Pillar

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

## LE3020

Square

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

## LE3021

Round

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

## LE3029

Equalling

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

* Only for cut 10

## LE3080

Set of 6 escapement files, in pouch

| Cut 4 | 6 | 10 | L = mm | |
|---|---|---|---|---|
| | | LE3080-10 | 55 | 1 |

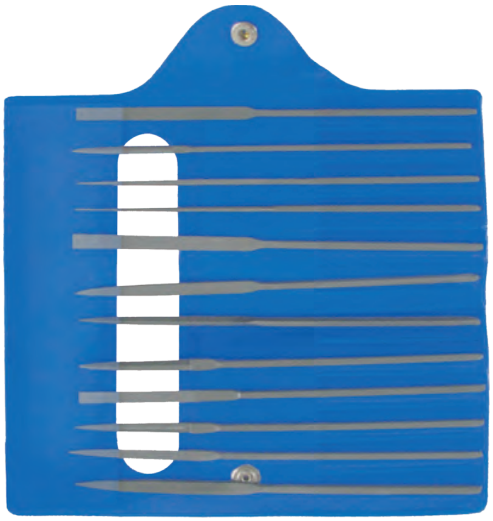
Composed of :
LE3008 - LE3010 - LE3014 - LE3017 - LE3020 - LE3021

## LE3092

Set of 12 escapement files, in pouch

| Cut 4 | 6 | A | L = mm | |
|---|---|---|---|---|
| LE3092-4 | LE3092-6 | LE3092-A | 35 - 65 | 1 |

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



Our pouches are also available on request

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**LR12901**

Barrette

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12901-0 | LR12901-2 | 150 | 3.8 x 1.2 | 6 |

**LR12905**

Flat pointed

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12905-0 | LR12905-2 | 150 | 2 x 1.2 | 6 |

**LR12910**

Hand

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12910-0 | LR12910-2 | 150 | 2 x 1.2 | 6 |

**LR12911**

Hand

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12911-0 | LR12911-2 | 150 | 2 x 1.2 | 6 |

**LR12912**

Hand

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12912-0 | LR12912-2 | 150 | 2.6 x 1.5 | 6 |

**LR12913**

Hand

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12913-0 | LR12913-2 | 150 | 2.6 x 1.5 | 6 |

**LR12914**

Flat pointed

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12914-0 | LR12914-2 | 150 | 3.4 x 1.5 | 6 |

**LR12915**

Flat

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12915-0 | LR12915-2 | 150 | 3.4 x 1.5 | 6 |

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## 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 | 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

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**LR12952**

Knife

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12952-0 | LR12952-2 | 150 | 4.4 x 1.2 | 6 |

**LR12955**

Pippin

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12955-0 | LR12955-2 | 150 | 4.7 x 1.3 | 6 |

**LR12956**

Knife flat edge

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12956-0 | LR12956-2 | 150 | 4.4 x 1.2 | 6 |

**LR12957**

Knife round edge

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12957-0 | LR12957-2 | 150 | 4.4 x 1.2 | 6 |

**LR12961**

Halfround

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12961-0 | LR12961-2 | 150 | 4.5 x 2.2 | 6 |

**LR12963**

Halfround

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12963-0 | LR12963-2 | 150 | 4.6 x 1.5 | 6 |

**LR12964**

Halfround

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12964-0 | LR12964-2 | 150 | 4.6 x 1.4 | 6 |

GLARDON vallorbe

**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 |

**LR12982**

Round - pompom

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| | LR12982-0 | LR12982-2 | 150 | 3 | 6 |

**LR12983**

Round

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| | LR12983-0 | LR12983-2 | 150 | 3.2 | 6 |

**LR12984**

Round

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| | LR12984-0 | LR12984-2 | 150 | 3.1 | 6 |

**LR12985**

Round

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| | LR12985-0 | LR12985-2 | 150 | 3.2 | 6 |

**LR12986**

Round

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| | LR12986-0 | LR12986-2 | 150 | 2.6 | 6 |

**LR12987**

Round

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| | LR12987-0 | LR12987-2 | 150 | 3.2 | 6 |

**LR12996**

Oval

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12996-0 | LR12996-2 | 150 | 1.9 x 1.4 | 6 |

GLARDON vallorbe

## LR12710

Hand

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12710-0 | LR12710-2 | 180 | 8.3 x 2.4 | 6 |

## LR12711

Hand

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12711-0 | LR12711-2 | 180 | 8.3 x 2.4 | 6 |

## LR12712

Flat pointed

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12712-0 | LR12712-2 | 180 | 8.3 x 2.4 | 6 |

## LR12713

Warding

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12713-0 | LR12713-2 | 180 | 8.3 x 2.4 | 6 |

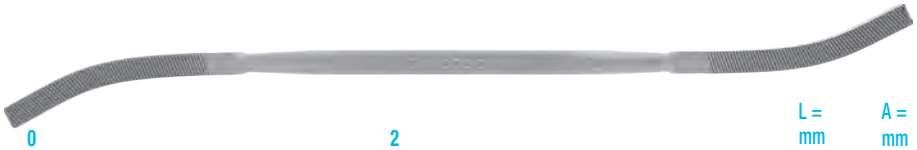
## LR12731

Square

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| | LR12731-0 | LR12731-2 | 180 | 4.8 | 6 |

## LR12732

Square



| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| | LR12732-0 | LR12732-2 | 180 | 4.6 | 6 |

## LR12741

Three-square

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| | LR12741-0 | LR12741-2 | 180 | 7.4 | 6 |

GLARDON vallorbe

**LR12750**
Knife

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12750-0 | LR12750-2 | 180 | 10.4 x 2.7 | 6 |

**LR12761**
Halfround

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12761-0 | LR12761-2 | 180 | 9.5 x 3.8 | 6 |

**LR12762**
Halfround

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12762-0 | LR12762-2 | 180 | 9 x 3.7 | 6 |

**LR12763**
Halfround

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12763-0 | LR12763-2 | 180 | 9.2 x 3.6 | 6 |

**LR12764**
Halfround flat side cut

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12764-0 | LR12764-2 | 180 | 9.2 x 3.6 | 6 |

**LR12771**
Crossing

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12771-0 | LR12771-2 | 180 | 7.8 x 4.1 | 6 |

**LR12781**
Round

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| | LR12781-0 | LR12781-2 | 180 | 4.8 | 6 |

**LR12790**
Pippin

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12790-0 | LR12790-2 | 180 | 8 x 4 | 6 |

GLARDON vallorbe

## LR12410

Hand

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| LR12410-00 | LR12410-0 | | 300 | 12.8 x 4 | 6 |

## LR12411

Hand

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| LR12411-00 | LR12411-0 | | 300 | 12.8 x 4 | 6 |

## LR12430

Square

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| LR12430-00 | LR12430-0 | | 300 | 7.5 | 6 |

## LR12440

Three-square

| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| LR12440-00 | LR12440-0 | | 300 | 10.5 | 6 |

## LR12450

Knife

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | LR12450-0 | | 300 | 14.5 x 3.8 | 6 |

## LR12460

Halfround

| Cut 00 | 0 | 2 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| LR12460-00 | LR12460-0 | | 300 | 15.4 x 5.4 | 6 |

## LR12480

Round

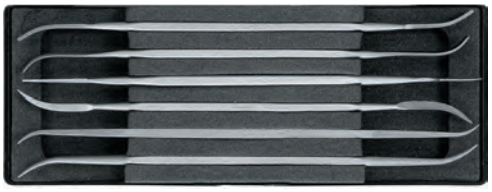
| Cut 00 | 0 | 2 | L = mm | A = mm | |
|---|---|---|---|---|---|
| LR12480-00 | LR12480-0 | | 300 | 7.5 | 6 |

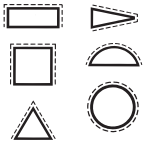
## LR12156

Set of 6 rifflers, in box

| Cut 0 | Cut 2 | L = mm | |
|---|---|---|---|
| LR12156-0 | LR12156-2 | 150 | 1 |

Composed of :
LR12915 - LR12930 - LR12942 - LR12952 - LR12963 - LR12981



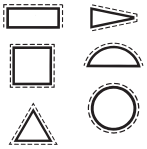


## LR12186

Set of 6 rifflers, in box

| Cut 0 | Cut 2 | L = mm | |
|---|---|---|---|
| LR12186-0 | LR12186-2 | 180 | 1 |

Composed of :
LR12711 - LR12731 - LR12741 - LR12750 - LR12763 - LR12781



## LH2601

Pillar

| Cut 00 | Cut 1 | L = mm | A x B = mm | |
|---|---|---|---|---|
| LH2601-00 | LH2601-1 | 215 | 10 x 2.6 | 12 |

## LH2602

Halfround

| Cut 00 | Cut 1 | L = mm | A x B = mm | |
|---|---|---|---|---|
| LH2602-00 | LH2602-1 | 215 | 12.2 x 3.4 | 12 |

## LH2607

Three-square

| Cut 00 | Cut 1 | L = mm | A = mm | |
|---|---|---|---|---|
| LH2607-00 | LH2607-1 | 215 | 9.5 | 12 |

## LH2608

Square

| Cut 00 | Cut 1 | L = mm | A = mm | |
|---|---|---|---|---|
| LH2608-00 | LH2608-1 | 215 | 6 | 12 |

## LH2610

Round

| Cut 00 | Cut 1 | L = mm | A = mm | |
|---|---|---|---|---|
| LH2610-00 | LH2610-1 | 215 | 6.5 | 12 |

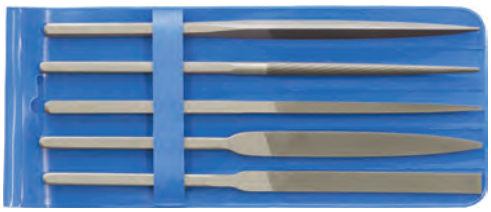
## LH2901

Pillar Multifile

| Cut 00 | Cut 1 | L = mm | A x B = mm | |
|---|---|---|---|---|
| LH2901-00 | | 215 | 10 x 3.2 | 12 |

## LH2630

Set of 5 Habilis files, in pouch



| Cut 00 | Cut 1 | L = mm | |
|---|---|---|---|
| LH2630-00 | LH2630-1 | 215 | 1 |

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

## LH2631

Set of 3 Habilis files, in pouch

| Cut 00 | Cut 1 | L = mm | |
|---|---|---|---|
| LH2631-00 | LH2631-1 | 215 | 1 |

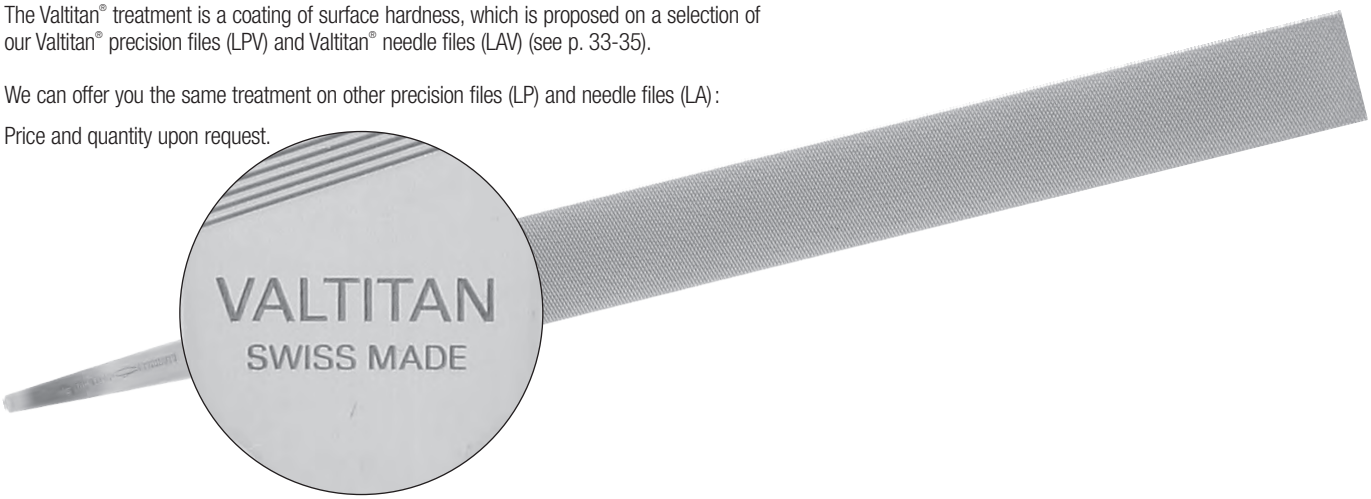
Composed of : LH2601 - LH2602 - LH2607

# VALTITAN® FILES

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | LPV1163-6-00 | LPV1163-6-0 | | LPV1163-6-2 | | | | | 6 / 150 | 18.5 x 4 | 12 |
| | LPV1163-8-00 | LPV1163-8-0 | | LPV1163-8-2 | | | | | 8 / 200 | 21.3 x 4.8 | 12 |
| LPV1163-10-000 | LPV1163-10-00 | LPV1163-10-0 | | | | | | | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LPV1132-6-0 | | LPV1132-6-2 | | | | | 6 / 150 | 12 x 4 | 12 |
| | | LPV1132-8-0 | | LPV1132-8-2 | | | | | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LPV1560-6-0 | | LPV1560-6-2 | | | | | 6 / 150 | 15.1 x 4.7 | 12 |
| | | LPV1560-8-0 | | LPV1560-8-2 | | | | | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LPV1566-6-0 | | LPV1566-6-2 | | | | | 6 / 150 | 12.7 x 3.5 | 12 |

## LPV1360

Three-square

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LPV1360-8-0 | | LPV1360-8-2 | | | | | 8 / 200 | 14.2 | 12 |

## LPV1660

Round pointed

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LPV1660-8-2 | | | | | 8 / 200 | 7.8 | 12 |

## LPV1670

Round ordinary blunt

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LPV1670-8-0 | | | | | | | 8 / 200 | 7.5 | 12 |

## LPV1060

Barrette

| Cut 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LPV1060-6-2 | | | | | 6 / 150 | 15.5 x 3.5 | 12 |

# VALTITAN® NEEDLE FILES

GLARDON vallorbe

## LAV2401

Pillar

| Cut 00 | 0 | 1 | 2 | 3 | 4 | 6 | L = mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|
| LAV2401-180-00 | LAV2401-180-0 | | LAV2401-180-2 | | | | 180 | 6.0 x 1.3 | 12 |

## LAV2402

Halfround

| Cut 00 | 0 | 1 | 2 | 3 | 4 | 6 | L = mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|
| LAV2402-180-00 | LAV2402-180-0 | | LAV2402-180-2 | | | | 180 | 5.9 x 2 | 12 |

## LAV2406

Warding

| Cut 00 | 0 | 1 | 2 | 3 | 4 | 6 | L = mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|
| | LAV2406-180-0 | | LAV2406-180-2 | | | | 180 | 6.0 x 1.2 | 12 |

## LAV2407

Three-square

| Cut 00 | 0 | 1 | 2 | 3 | 4 | 6 | L = mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|
| | LAV2407-180-0 | | LAV2407-180-2 | | | | 180 | 4.2 | 12 |

## LAV2408

Square

| Cut 00 | 0 | 1 | 2 | 3 | 4 | 6 | L = mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|
| LAV2408-180-00 | LAV2408-180-0 | | LAV2408-180-2 | | | | 180 | 2.6 | 12 |

## LAV2410

Round

| Cut 00 | 0 | 1 | 2 | 3 | 4 | 6 | L = mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|
| | LAV2410-180-0 | | LAV2410-180-2 | | | | 180 | 3.2 | 12 |

## LAV2411

Barrette

| Cut 00 | 0 | 1 | 2 | 3 | 4 | 6 | L = mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|
| | LAV2411-180-0 | | LAV2411-180-2 | | | | 180 | 5.4 x 2.0 | 12 |

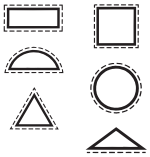
# VALTITAN® NEEDLE FILES

## LAV2465*

Set of 6 Valtitan® needle files, in blister

| Cut 0 | Cut 2 | L = mm | |
|---|---|---|---|
| | LAV2465-2 | 180 | 1 |

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



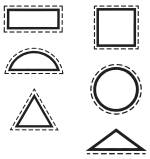
*While stocks last

## LAV2495

Set of 6 Valtitan® needle files, in pouch

| Cut 0 | Cut 2 | L = mm | |
|---|---|---|---|
| LAV2495-0 | LAV2495-2 | 180 | 1 |

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



Our pouches are also available on request

## LP5070

Multifile

| Cut<br>❶ = 6 / ❷ = 8 | ❶ = 5 / ❷ = 7 | ❶ = 4 / ❷ = 6 | L = ‘’ / mm | A x B = mm | |
|---|---|---|---|---|---|
| LP5070-8 | | | 8 / 200 | 21.3 x 4.8 | 12 |
| | LP5070-10 | | 10 / 250 | 25.3 x 6.3 | 12 |
| | | LP5070-12 | 12 / 300 | 29.3 x 7.8 | 6 |

❶ Side 1
❷ Side 2

## LP1166

Hand checkering

| Cut (raws/cm)<br>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 |

## LP1136

Pillar checkering

| Cut (raws/cm)<br>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 |

## LH2901

Pillar Multifile

| Cut<br>00 | 1 | L = mm | A x B = mm | |
|---|---|---|---|---|
| LH2901-00 | | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LP1312-6-0 | | | | | | | 6 / 150 | 15.5 x 3.5 | 12 |
| | | LP1312-8-0 | | | | | | | 8 / 200 | 21.3 x 4.8 | 12 |
| | | LP1312-10-0 | | | | | | | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LP1352-6-0 | | | | | | | 6 / 150 | 18.4 x 5.2 | 12 |
| | | LP1352-10-0 | | | | | | | 10 / 250 | 25.5 x 7.5 | 12 |

## LP1540

Vul-Crylic file 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 | Cut 4 | A x B = mm | |
|---|---|---|---|
| LM0910-0 | LM0910-4 | 2 x 1.2 | 5 |

## LM0911

Bent pillar

| Cut 0 | Cut 4 | A x B = mm | |
|---|---|---|---|
| LM0911-0 | LM0911-4 | 2 x 1.2 | 5 |

## LM0941

Three-square

| Cut 0 | Cut 4 | A = mm | |
|---|---|---|---|
| LM0941-0 | LM0941-4 | 2.6 | 5 |

## LM0980

Round

| Cut 0 | Cut 4 | A = mm | |
|---|---|---|---|
| LM0980-0 | LM0980-4 | 3.1 | 5 |

# DIAMOND BUFF FILES (NEEDLE FILES)

GLARDON vallorbe

**LAC2401**

Pillar

| Grit G10 | L = mm | A x B = mm | |
|---|---|---|---|
| LAC2401-140-G10 | 140 | 4.8 x 1 | 6 |

**LAC2402**

Halfround

| Grit G10 | L = mm | A x B = mm | |
|---|---|---|---|
| LAC2402-140-G10 | 140 | 5.1 x 1.6 | 6 |

**LAC2403**

Crossing



| Grit G10 | L = mm | A x B = mm | |
|---|---|---|---|
| LAC2403-140-G10 | 140 | 4.4 x 1.8 | 6 |

**LAC2407**

Three-square

| Grit G10 | L = mm | A = mm | |
|---|---|---|---|
| LAC2407-140-G10 | 140 | 3.5 | 6 |

**LAC2408**

Square

| Grit G10 | L = mm | A = mm | |
|---|---|---|---|
| LAC2408-140-G10 | 140 | 2.2 | 6 |

**LAC2410**

Round



| Grit G10 | L = mm | A = mm | |
|---|---|---|---|
| LAC2410-140-G10 | 140 | 2.8 | 6 |

**LAC2411**

Barrette



| Grit G10 | L = mm | A x B = mm | |
|---|---|---|---|
| LAC2411-140-G10 | 140 | 4.7 x 1.4 | 6 |

**LAC2462**

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

| Grit G10 | L = mm | |
|---|---|---|
| LAC2462-140-G10 | 140 | 1 |

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

G10 = Pre-polishing

# DIAMOND BUFF FILES (ESCAPEMENT FILES)

GLARDON vallorbe

**LEC3008**

Halfround

| Grit G10 | L = mm | A x B = mm | |
|---|---|---|---|
| LEC3008-55-G10 | 55 | 4 x 1.3 | 6 |

**LEC3009**

Crossing

| Grit G10 | L = mm | A x B = mm | |
|---|---|---|---|
| LEC3009-55-G10 | 55 | 3.7 x 1.4 | 6 |

**LEC3010**

Barrette

| Grit G10 | L = mm | A x B = mm | |
|---|---|---|---|
| LEC3010-55-G10 | 55 | 3.9 x 1.2 | 6 |

**LEC3014**

Three-square

| Grit G10 | L = mm | A = mm | |
|---|---|---|---|
| LEC3014-55-G10 | 55 | 2.8 | 6 |

**LEC3017**

Pillar

| Grit G10 | L = mm | A x B = mm | |
|---|---|---|---|
| LEC3017-55-G10 | 55 | 3.6 x 0.8 | 6 |

**LEC3020**

Square

| Grit G10 | L = mm | A = mm | |
|---|---|---|---|
| LEC3020-55-G10 | 55 | 1.7 | 6 |

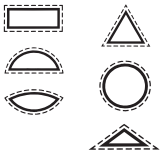
**LEC3021**

Round

| Grit G10 | L = mm | A = mm | |
|---|---|---|---|
| LEC3021-55-G10 | 55 | 1.5 | 6 |

**LEC3062**

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



| Grit G10 | L = mm | |
|---|---|---|
| LEC3062-55-G10 | 55 | 1 |

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

G10 = Pre-polishing

# DIAMOND NEEDLE FILES

GLARDON vallorbe

## DA8401

Pillar

| Grit 91 | Grit 126 | L = mm | A x B = mm | |
|---|---|---|---|---|
| DA8401-91 | DA8401-126 | 140 | 4.8 x 1.1 | 1 |

## DA8402

Halfround

| Grit 91 | Grit 126 | L = mm | A x B = mm | |
|---|---|---|---|---|
| DA8402-91 | DA8402-126 | 140 | 5.1 x 1.5 | 1 |

## DA8407

Three-square

| Grit 91 | Grit 126 | L = mm | A = mm | |
|---|---|---|---|---|
| DA8407-91 | DA8407-126 | 140 | 3.5 | 1 1 |

## DA8408

Square

| Grit 91 | Grit 126 | L = mm | A = mm | |
|---|---|---|---|---|
| DA8408-91 | DA8408-126 | 140 | 2.2 | 1 |

## DA8410

Round

| Grit 91 | Grit 126 | L = mm | A = mm | |
|---|---|---|---|---|
| DA8410-91 | DA8410-126 | 140 | 2.8 | 1 |

## DA8411

Barrette

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

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

91 = for finishing / 126 = for general use

# DIAMOND *Habilis*® FILES

GLARDON® vallorbe

## DH8232

Set of 5 Habilis® diamond files, in box

| Grit 91 | 126 | L = mm | |
|---|---|---|---|
| | DH8232-126 | 215 | 1 |

Composed of :

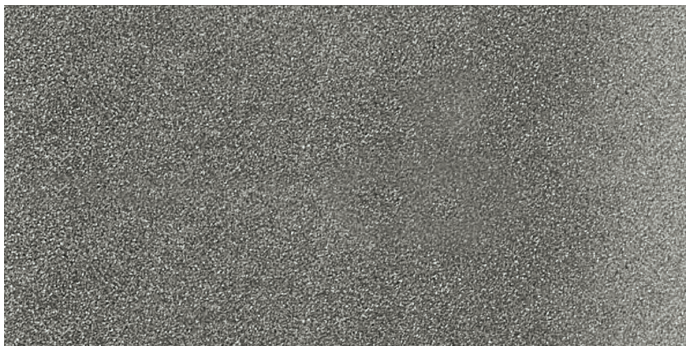
| | | |
|---|---|---|
| **DH8201** | *Pillar* | A x B = 10 x 2.6 mm |
| **DH8202** | *Halfround* | A x B = 12.2 x 3.4 mm |
| **DH8207** | *Three-square* | A = 9.5 mm |
| **DH8208** | *Square* | A = 6 mm |
| **DH8210** | *Round* | A = 6.5 mm |

# VALDIAMOND

GLARDON® vallorbe

## DD8800

Diamond foils



| Grit 300 | 600 | 1000 | L x l = mm | |
|---|---|---|---|---|
| DD8800-300 | DD8800-600 | DD8800-1000 | 100 x 50 | 1 |

126 = for general use

# DIAMOND NEEDLE FILES

**DA9401**

Pillar

| Grit | L = mm | A x B = mm | |
|---|---|---|---|
| **91** | | | |
| DA9401-91 | 140 | 4.8 x 1.1 | 1 |

**DA9402**

Halfround

| Grit | L = mm | A x B = mm | |
|---|---|---|---|
| **91** | | | |
| DA9402-91 | 140 | 5.1 x 1.5 | 1 |

**DA9407**

Three-square

| Grit | L = mm | A = mm | |
|---|---|---|---|
| **91** | | | |
| DA9407-91 | 140 | 3.5 | 12 |

**DA9408**

Square

| Grit | L = mm | A = mm | |
|---|---|---|---|
| **91** | | | |
| DA9408-91 | 140 | 2.2 | 1 |

**DA9410**

Round

| Grit | L = mm | A = mm | |
|---|---|---|---|
| **91** | | | |
| DA9410-91 | 140 | 2.8 | 1 |

**DA9470**

Set of 5 Classic diamond needle files, in box

| Grit | L = mm | |
|---|---|---|
| **91** | | |
| DA9470-91 | 140 | 1 |

Composed of :
DA9401 - DA9402 - DA9407 - DA9408 - DA9410

91 = for finishing

## LF

Pillar

| Grit 120 | 220 | 300 | 400 | 600 | 800 | 1000 | L = mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|
| | | 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 |

## LF

Round

| Grit 120 | 220 | 300 | 400 | 600 | 800 | 1000 | L = mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|
| | 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 |

## LF

Square

| Grit 120 | 220 | 300 | 400 | 600 | 800 | 1000 | L = mm | A = mm | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 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 |

## 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 | 4.4 x 1.8 | 12 |
| | LAM003-160-0 | | LAM003-160-2 | | | | 160 | 5.1 x 2 | 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 |

## 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 |

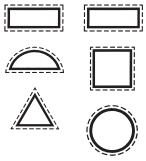
# NEEDLE FILES

## LAM020

Set of 6 Classic needle files, in pouch

| Cut 00 | 0 | 2 | L = mm | |
|---|---|---|---|---|
| | LAM020-140-0 | LAM020-140-2 | 140 | 1 |
| LAM020-160-00 | LAM020-160-0 | LAM020-160-2 | 160 | 1 |

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

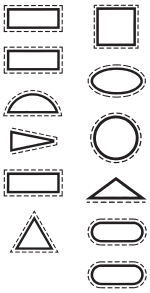


## LAM040

Set of 12 Classic needle files, in pouch

| | L = mm | |
|---|---|---|
| LAM040-160 | 160 | 1 |

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



Our pouches are also available on request

# *Habilis*® FILES

## LH9602 (LP1545)

Halfround for jewellers

| Cut 00 | 0 | L = mm | A x B = mm | |
|---|---|---|---|---|
| LH9602-00 | LH9602-0 | 212 | 12.4 x 3.4 | 12 |

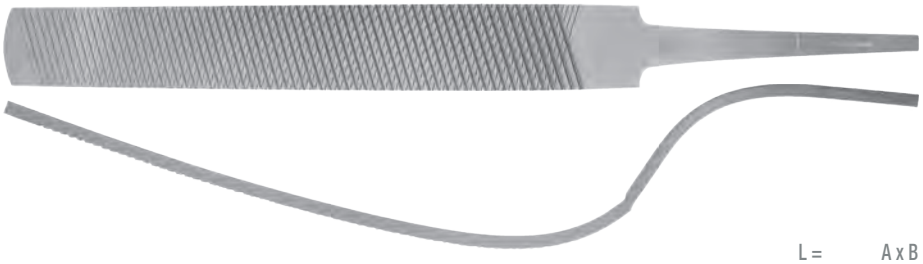
## LH9607

Three-square for jewellers

| Cut 00 | 0 | L = mm | A = mm | |
|---|---|---|---|---|
| LH9607-00 | LH9607-0 | 215 | 8 | 12 |

## LQPL218

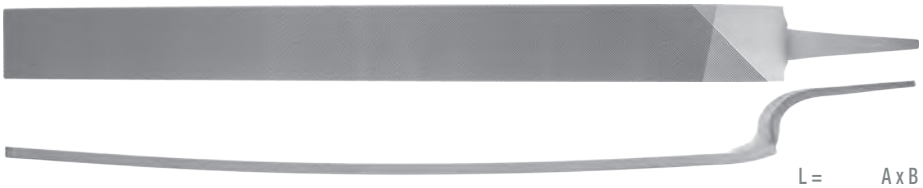
Incurved hand



| Cut | L = ‘’ / mm | A x B = mm | |
|---|---|---|---|
| LQPL218-8 | 8 / 200 | 25 x 5 | 6 |

## LQPL230

Incurved hand



| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| LQPL230 | 360 | 34 x 5.5 | 6 |

## LQ5410

Car body files

| Cut | | | | | | | | | | L = ‘’ / mm | A x B = mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 000 | 00 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | | | |
| | | | | LQ5410-14-2 | | | | | | 14 / 350 | 34 x 4.5 | 6 |

## LQ5450

Set of 6 key files with handle, in pouch

| Cut | L = ‘’ / mm | |
|---|---|---|
| 2 | | |
| LQ5450-4 | 4 / 100 | 1 |

## LAM020...ST

Set of 6 needle files, single cut, in pouch

| Cut | L = mm | |
|---|---|---|
| 2ST | | |
| LAM020-140-2ST | 140 | 1 |

Our pouches are also available on request

GLARDON vallorbe

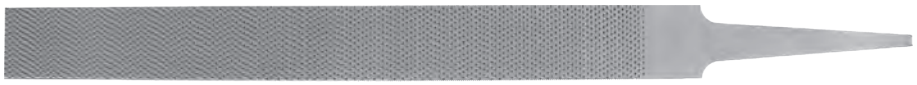
## RA1559

Halfround slim thin

| Cut 5 | 6 | 7 | L = ‘’ / mm | A x B = mm | |
|---|---|---|---|---|---|
| RA1559-10-5 | RA1559-10-6 | | 10 / 250 | 31.5 x 5.3 | 3 |

## RA3512

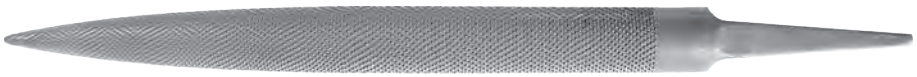
Hand



| Cut 5 | 6 | 7 | L = ‘’ / mm | A x B = mm | |
|---|---|---|---|---|---|
| | | RA3512-6-7 | 6 / 150 | 15.5 x 3.5 | 3 |
| | RA3512-8-6 | | 8 / 200 | 19.3 x 4.5 | 3 |
| | | RA3512-10-7 | 10 / 250 | 25.3 x 5.3 | 3 |

## RA3552

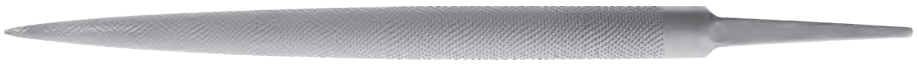
Halfround



| Cut 5 | 6 | 7 | L = ‘mm | A x B = mm | |
|---|---|---|---|---|---|
| | | RA3552-6-7 | 162 | 15.1 x 4.5 | 3 |
| | RA3552-8-6 | | 215 | 20 x 5.9 | 3 |
| | | RA3552-10-7 | 250 | 25.2 x 7.3 | 3 |

## RA3553

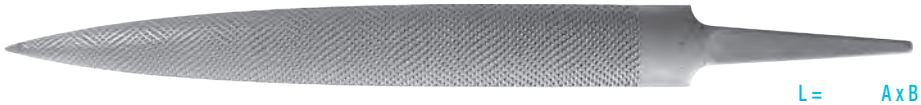
Halfround slim



| Cut 5 | 6 | 7 | L = mm | A x B = mm | |
|---|---|---|---|---|---|
| | | RA3553-6-7 | 165 | 12.3 x 4.7 | 3 |
| | RA3553-8-6 | | 205 | 15.5 x 5 | 3 |

## RA3559

Halfround cabinet



| Cut 5 | 6 | 7 | L = ‘’ / mm | A x B = mm | |
|---|---|---|---|---|---|
| | | RA3559-6-7 | 6 / 150 | 18 x 3.5 | 3 |
| | RA3559-8-6 | | 8 / 200 | 22 x 4.3 | 3 |
| | RA3559-10-6 | RA3559-10-7 | 10 / 250 | 29 x 5.2 | 3 |

## RA3562

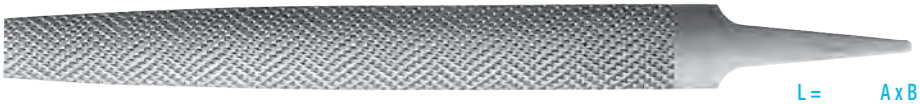
Round

| Cut 5 | 6 | 7 | L = ‘’ / mm | A = mm | |
|---|---|---|---|---|---|
| | | RA3562-6-7 | 6 / 150 | 6 | 3 |
| | RA3562-8-6 | | 8 / 200 | 7.5 | 3 |
| | RA3562-10-6 | | 10 / 250 | 9 | 3 |

GLARDON vallorbe

## RA1558

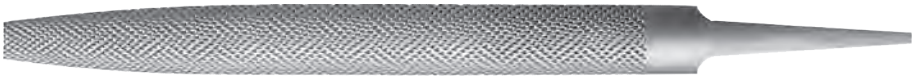
Halfround cabinet



| Cut 2 | 3 | 4 | 5 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|
| | | | RA1558-6-5 | 6 / 150 | 25 x 4.2 | 12 |
| RA1558-8-2 | RA1558-8-3 | | RA1558-8-5 | 8 / 200 | 28 x 4.7 | 12 |
| RA1558-10-2 | RA1558-10-3 | RA1558-10-4 | RA1558-10-5 | 10 / 250 | 31.5 x 5.3 | 12 |
| RA1558-12-2 | RA1558-12-3 | | RA1558-12-5 | 12 / 300 | 35.5 x 6 | 6 |

## RA1552

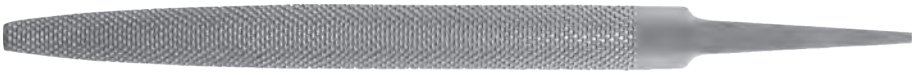
Halfround



| Cut 2 | 3 | 4 | 5 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|
| | | | RA1552-6-5 | 6 / 150 | 15.1 x 4.5 | 12 |
| | | | RA1552-8-5 | 8 / 200 | 20 x 5.9 | 12 |
| | | | RA1552-10-5 | 10 / 250 | 25.2 x 7.3 | 12 |

## RA1553

Halfround slim



| Cut 2 | 3 | 4 | 5 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|
| | | | RA1553-6-5 | 6 / 150 | 12.3 x 4.7 | 12 |

## RA1554

Halfround extra narrow

| Cut 2 | 3 | 4 | 5 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|
| | | | RA1554-6-5 | 6 / 150 | 9 x 3.6 | 12 |

## RA1512

Hand

| Cut 2 | 3 | 4 | 5 | L = " / mm | A x B = mm | |
|---|---|---|---|---|---|---|
| | | | RA1512-6-5 | 6 / 150 | 16 x 4 | 12 |
| | | | RA1512-8-5 | 8 / 200 | 20 x 5 | 12 |

## RA1562

Round

| Cut 2 | 3 | 4 | 5 | L = " / mm | A = mm | |
|---|---|---|---|---|---|---|
| | | | RA1512-6-5 | 6 / 150 | 6 | 12 |
| | | | RA1512-8-5 | 8 / 200 | 7.5 | 12 |

## RA5190

Round

| Cut 2 | 3 | 4 | 5 | L = " / mm | A = mm | |
|---|---|---|---|---|---|---|
| RA5190-8-2 | | | | 8 / 200 | 8 | 12 |
| RA5190-10-2 | | | | 10 / 250 | 10 | 12 |

GLARDON vallorbe

**RA2501**

Hand

| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| 4 | | | |
| RA2501-140-4 | 140 | 5 x 1.3 | 12 |

**RA2502**

Halfround

| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| 4 | | | |
| RA2502-140-4 | 140 | 5.3 x 1.7 | 12 |

**RA2506**

Warding

| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| 4 | | | |
| RA2506-140-4 | 140 | 5.4 x 1.2 | 12 |

**RA2507**

Three-square

| Cut | L = mm | A = mm | |
|---|---|---|---|
| 4 | | | |
| RA2507-140-4 | 140 | 3.5 | 12 |

**RA2508**

Square

| Cut | L = mm | A = mm | |
|---|---|---|---|
| 4 | | | |
| RA2508-140-4 | 140 | 2.6 | 12 |

**RA2510**

Round

| Cut | L = mm | A = mm | |
|---|---|---|---|
| 4 | | | |
| RA2510-140-4 | 140 | 2.9 | 12 |

**RA2526***

Set of 6 rasps, in blister

| Cut | L = mm | |
|---|---|---|
| 4 | | |
| RA2526-140-4 | 140 | 1 |

Composed of :
RA2501 - RA2502 - RA2506 - RA2507 - RA2508 - RA2510

*While stocks last

**RA2530**

Set of 6 rasps, in pouch

| Cut | L = mm | |
|---|---|---|
| 4 | | |
| RA2530-140-4 | 140 | 1 |

Composed of :
RA2501 - RA2502 - RA2506 - RA2507 - RA2508 - RA2510

GLARDON vallorbe

## RA3201

Hand

| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| 7 | | | |
| RA3201-200-7 | 200 | 9.3 x 2.6 | 3 |

## RA3203

Three-square

| Cut | L = mm | A = mm | |
|---|---|---|---|
| 7 | | | |
| RA3203-200-7 | 200 | 7.9 | 3 |

## RA3205

Round

| Cut | L = mm | A = mm | |
|---|---|---|---|
| 7 | | | |
| RA3205-200-7 | 200 | 5.3 | 3 |

## RA3208

Knife

| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| 7 | | | |
| RA3208-200-7 | 200 | 11.7 x 2.8 | 3 |

## RA3212

Cat tongue

| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| 7 | | | |
| RA3212-200-7 | 200 | 8.7 x 2.8 | 3 |

## RA3294

Crossing

| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| 7 | | | |
| RA3294-200-7 | 200 | 9.5 x 4.6 | 3 |

GLARDON vallorbe

## RA2201

Hand

| Cut 3 | Cut 5 | L = mm | A x B = mm | |
|---|---|---|---|---|
| RA2201-200-3 | RA2201-200-5 | 200 | 9.3 x 2.6 | 6 |

## RA2202

Halfround

| Cut 3 | Cut 5 | L = mm | A x B = mm | |
|---|---|---|---|---|
| RA2202-200-3 | RA2202-200-5 | 200 | 10.5 x 4 | 6 |

## RA2203

Three-square

| Cut 3 | Cut 5 | L = mm | A = mm | |
|---|---|---|---|---|
| | RA2203-200-5 | 200 | 7.9 | 6 |

## RA2205

Round

| Cut 3 | Cut 5 | L = mm | A = mm | |
|---|---|---|---|---|
| | RA2205-185-5 | 185 | 4.8 | 6 |
| RA2205-200-3 | RA2205-200-5 | 200 | 5.3 | 6 |

## RA2208

Knife

| Cut 3 | Cut 5 | L = mm | A x B = mm | |
|---|---|---|---|---|
| RA2208-200-3 | RA2208-200-5 | 200 | 11.7 x 2.8 | 6 |

## RA2212

Cat tongue

| Cut 3 | Cut 5 | L = mm | A x B = mm | |
|---|---|---|---|---|
| RA2212-200-3 | RA2212-200-5 | 200 | 8.7 x 2.8 | 6 |

## RA2294

Crossing

| Cut 3 | Cut 5 | L = mm | A x B = mm | |
|---|---|---|---|---|
| RA2294-200-3 | RA2294-200-5 | 200 | 9.5 x 4.8 | 6 |

GLARDON vallorbe

**RA2302**
Halfround stairs

| Cut 2 | 4 | L = mm | A x B = mm | |
|---|---|---|---|---|
| RA2302-300-2 | | 300 | 19.2 x 9 | 6 |

**RA12511**
Hand

| Cut 2 | 4 | L = mm | A x B = mm | |
|---|---|---|---|---|
| | RA12511 | 180 | 8.3 x 2.4 | 6 |

**RA12531**
Square

| Cut 2 | 4 | L = mm | A = mm | |
|---|---|---|---|---|
| | RA12531 | 180 | 4.8 | 6 |

**RA12550**
Knife

| Cut 2 | 4 | L = mm | A x B = mm | |
|---|---|---|---|---|
| | RA12550 | 180 | 10.4 x 2.7 | 6 |

**RA12563**
Halfround

| Cut 2 | 4 | L = mm | A x B = mm | |
|---|---|---|---|---|
| | RA12563 | 180 | 9.2 x 3.6 | 6 |

**RA12570**
Crossing

| Cut 2 | 4 | L = mm | A x B = mm | |
|---|---|---|---|---|
| | RA12570 | 180 | 7.8 x 4.1 | 6 |

**RA12581**
Round

| Cut 2 | 4 | L = mm | A = mm | |
|---|---|---|---|---|
| | RA12581 | 180 | 5.4 | 6 |

GLARDON vallorbe

**RA2701**

Hand

| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| 3 | | | |
| RA2701-3 | 205 | 10 x 3.1 | 12 |

**RA2702**

Halfround

| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| 3 | | | |
| RA2702-3 | 205 | 12.2 x 3.6 | 12 |

**RA2707**

Three-square

| Cut | L = mm | A x B = mm | |
|---|---|---|---|
| 3 | | | |
| RA2707-3 | 205 | 10.3 | 12 |

**RA2708**

Square

| Cut | L = mm | A = mm | |
|---|---|---|---|
| 3 | | | |
| RA2708-3 | 205 | 7 | 12 |

**RA2710**

Round

| Cut | L = mm | A = mm | |
|---|---|---|---|
| 3 | | | |
| RA2710-3 | 205 | 7 | 12 |

**RA2730**

Set of 5 rasps, in pouch

| Cut | L = mm | |
|---|---|---|
| 3 | | |
| RA2730-3 | 205 | 1 |

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

Our pouches are also available on request

## 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 - LO0403-0-HSS - SBM-2/0 (1 gross) - ASB410 - 2 x AL410-BLEU - AL4101

Non-contractual photo

## 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 - LO0401-8-HSS - LO0402-6-HSS - LO0403-0-HSS - SBM-2/0 (1 gross) - SBM-4/0 (1 gross) - ASB410 - 2 x AL410-BLEU - AL500 - AL600 - AL4101

Non-contractual photo

## 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

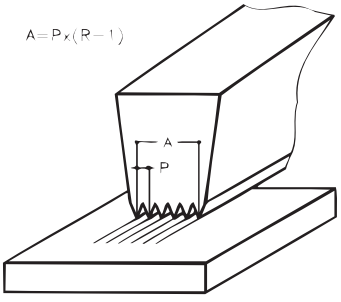
| HSS L = 65 mm | WS L = 80 mm | A = mm | |
|---|---|---|---|
| | L00405-12 | 1.2 | 5 |

## L00413*

Shading

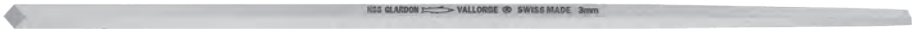
| | N° | D Number of rays/cm | P Distance between 2 rays | R Number of raws | L = mm |
|---|---|---|---|---|---|
| L00413-N°-R | 10 | 80 | 0.125 mm | 4 - 6 - 8 - 10 - 14 | 80 |
| L00413-N°-R | 12 | 67 | 0.149 mm | 4 - 6 - 8 - 10 - 14 | 80 |
| L00413-N°-R | 14 | 57 | 0.175 mm | 4 - 6 - 8 - 10 - 14 | 80 |
| 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**



## 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 | 6 | 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 |

**L0651**

WS-plotting tip

| | L = mm | A = mm | |
|---|---|---|---|
| L0651 | 180 | 4.8 | 12 |

**L0653**

WS-plotting tip + oval burnisher

| | L = mm | A / A x B = mm | |
|---|---|---|---|
| L0653 | 180 | 4.8 / 6.6 x 3.4 | 12 |

**L0656**

WS-engraving tip

| | L = mm | A = mm | |
|---|---|---|---|
| L0656 | 140 | 7 | 12 |

**L0809**

HSS three-square double hollow scraper

| | L = mm | A = mm | |
|---|---|---|---|
| L0809-HSS | 90 | 7.4 | 12 |

**L0901**

Three-square scrapers with round handle

| | L = mm | A = mm | |
|---|---|---|---|
| L0901 | 160 | 4.3 | 12 |

**L0911**

Double hollow scraper

| | L = mm | A = mm | |
|---|---|---|---|
| L0911 | 83 | 4.7 | 12 |

## LOM0401

Flat edge

| HSS L = 55 mm | A = mm | |
|---|---|---|
| LOM0401-2-HSS | 0.2 | 5 |
| LOM0401-4-HSS | 0.4 | 5 |
| LOM0401-6-HSS | 0.6 | 5 |
| LOM0401-8-HSS | 0.8 | 5 |
| LOM0401-10-HSS | 1.0 | 5 |
| LOM0401-12-HSS | 1.2 | 5 |
| LOM0401-14-HSS | 1.4 | 5 |

## LOM0402

Round edge

| HSS L = 55 mm | A = mm | |
|---|---|---|
| LOM0402-2-HSS | 0.2 | 5 |
| LOM0402-4-HSS | 0.4 | 5 |
| LOM0402-6-HSS | 0.6 | 5 |
| LOM0402-8-HSS | 0.8 | 5 |
| LOM0402-10-HSS | 1.0 | 5 |

## LOM0403

Onglette

| HSS L = 55 mm | A = mm | |
|---|---|---|
| LOM0403-5/0-HSS | 1.16 | 5 |
| LOM0403-4/0-HSS | 1.24 | 5 |
| LOM0403-3/0-HSS | 1.35 | 5 |
| LOM0403-2/0-HSS | 1.45 | 5 |
| LOM0403-0-HSS | 1.58 | 5 |
| LOM0403-1-HSS | 1.78 | 5 |
| LOM0403-2-HSS | 1.94 | 5 |
| LOM0403-3-HSS | 2.16 | 5 |
| LOM0403-4-HSS | 2.54 | 5 |

## LOM0406

Knife

| HSS L = 55 mm | A = mm | |
|---|---|---|
| LOM0406-18-HSS | 1.8 | 5 |
| LOM0406-20-HSS | 2 | 5 |
| LOM0406-22-HSS | 2.2 | 5 |

## 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 | ∅ = 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 | ∅ = 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 |
| BGLA30-60-05 | 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

**SBM**

Glardon® jeweller's saw blades

| | N° | A x B = mm | |
|---|---|---|---|
| SBM-8/0 | 8/0 | 0.32 x 0.16 | 1440 |
| SBM-7/0 | 7/0 | 0.34 x 0.17 | 1440 |
| SBM-6/0 | 6/0 | 0.36 x 0.18 | 1440 |
| SBM-5/0 | 5/0 | 0.40 x 0.20 | 1440 |
| SBM-4/0 | 4/0 | 0.44 x 0.22 | 1440 |
| SBM-3/0 | 3/0 | 0.48 x 0.24 | 1440 |
| SBM-2/0 | 2/0 | 0.52 x 0.26 | 1440 |
| SBM-0 | 0 | 0.58 x 0.28 | 1440 |
| SBM-1 | 1 | 0.60 x 0.30 | 1440 |
| SBM-2 | 2 | 0.70 x 0.34 | 1440 |
| SBM-3 | 3 | 0.75 x 0.36 | 1440 |
| SBM-4 | 4 | 0.80 x 0.38 | 1440 |
| SBM-5 | 5 | 0.85 x 0.40 | 1440 |
| SBM-6 | 6 | 0.95 x 0.44 | 1440 |
| SBM-8 | 8 | 1.20 x 0.52 | 1440 |

# FRAMES FOR SAW BLADES

**ASB**

Frames for saw blades

| | | 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/mm²) | 2.0 mm | 1.0 mm |
| | Steel (35 HV, 112 kg/mm², 35 HRC) | 0.8 mm | 0.5 mm |

## LTD..10

Round file for hardness test

| Hardness 40 HRC | 45 HRC | 50 HRC | 55 HRC | 60 HRC | 65 HRC | L = ‘’ / mm | |
|---|---|---|---|---|---|---|---|
| LTD4010-180-00 | LTD4510-180-00 | LTD5010-180-00 | LTD5510-180-00 | LTD6010-180-00 | LTD6510-180-00 | 8 / 200 | 6 |

## LTD0010

Hardness tester, set of 6 files

| | |
|---|---|
| LTD0010-180-00 | 1 |

Composed of :
LTD4010 - LTD4510 - LTD5010 - LTD5510 - LTD6010 - LTD6510

## CROCODILE

Antislip plastic file handle with hardened threaded insert

| | For files | | | | | | L = mm | |
|---|---|---|---|---|---|---|---|---|
| AL110-BLEU | | | | 4“ | 4“ | | 94 | 12 |
| AL210-BLEU | | | | 5“ | 5“ - 6“ | 4“ - 5“ | 94 | 12 |
| AL310-BLEU | 4“ | 4“ | 6“ | | | 4“ - 6“ | 94 | 12 |
| AL410-BLEU | 6“ | 6“ | 8“ | 8“ | 8“ | 6“ | 105 | 12 |
| AL450-BLEU | | | | | | | 105 | 12 |
| AL510-BLEU | 8“ | 8“ | 10“ | 10“ - 12“ | 8“ - 10“ | 8“ | 105 | 12 |
| AL550-BLEU | | | | | | | 105 | 12 |
| AL610-BLEU | 10“ | 10“ | 10“ - 12“ | | 10“ - 12“ | 10“ | 121 | 12 |
| AL710-BLEU | 12“ | 12“ | | | | 12“ | 130 | 12 |

## CASTOR

Wood file handle for LP files

| | For files | | | | | L = mm | |
|---|---|---|---|---|---|---|---|
| AL200 | 4“ | 4“ | | | | 80 | 12 |
| AL400 | 5“ | 5“ | 6“ | 6“ | 6“ | 100 | 12 |
| AL500 | 6“ | 6“ | 8“ | 8“ | 8“ | 115 | 12 |
| AL600 | 8“ - 10“ | 8“ - 10“ | 10“ | 10“ | 10“ | 125 | 12 |

## COBRA

Plastic handle for LP files

| | L = mm | |
|---|---|---|
| AL250 | 80 | 12 |
| AL350 | 110 | 12 |

## AGILA*

Plastic handle for files

| | For files | | | | L = mm | |
|---|---|---|---|---|---|---|
| ALQ301-2 | 8“ | 8“ | 8“ | | 112 | 12 |
| ALQ301-3 | 10“ | 10“ | 10“ | | 125 | 12 |
| ALQ302-2 | | | | 8“ | 112 | 12 |
| ALQ302-3 | | | | 10“ | 125 | 12 |

## AGILA*

Plastic handle for files

| | For files | | | | | L = mm | |
|---|---|---|---|---|---|---|---|
| ALS301-1 | 4“ | 4“ | | | | 112 | 12 |
| ALS301-2 | 8“ | 8“ | 8“ | | | 112 | 12 |
| ALS301-3 | 10“ - 12“ - 14“ | 10“ - 12“ - 14“ | 10“ - 12“ | | | 125 | 12 |
| ALS302-1 | | | 4“ | 4“ | 4“ | 112 | 12 |
| ALS302-2 | 6“ | 6“ | 6“ | 6“ - 8“ | 6“ - 8“ | 112 | 12 |
| ALS302-3 | | | | 10“ - 12“ | 10“ - 12“ | 125 | 12 |

*While stocks last

## CONDOR

Precision needle file handle

| | For files = ∅ | L = mm | |
|---|---|---|---|
| AL160 | 2 - 3 mm | 95 | 12 |
| AL260 | 3 - 4 mm | 95 | 12 |

## COLIBRI

Precision needle file handle

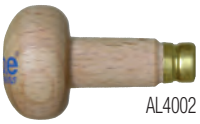
| | | L = mm | |
|---|---|---|---|
| AL170 | 2 - 3 mm | 86 | 12 |

## AL400...

Handle for gravers

| | |
|---|---|
| AL4001 | 12 |
| AL4002 | 12 |
| AL4002-P | 12 |
| AL4006 | 12 |

AL4001



AL4002

AL4002-P

AL4006

## AL410...

Adjustable handle for gravers

| | L = mm | |
|---|---|---|
| AL4101 | 67 | 12 |
| AL4102 | 92 | 12 |

AL4101

AL4102

## AL5001-P

Handle for beading tools

| | |
|---|---|
| AL5001-P | 12 |

## AL5990

Brush for files

| | |
|---|---|
| AL5990 | 1 |

## 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

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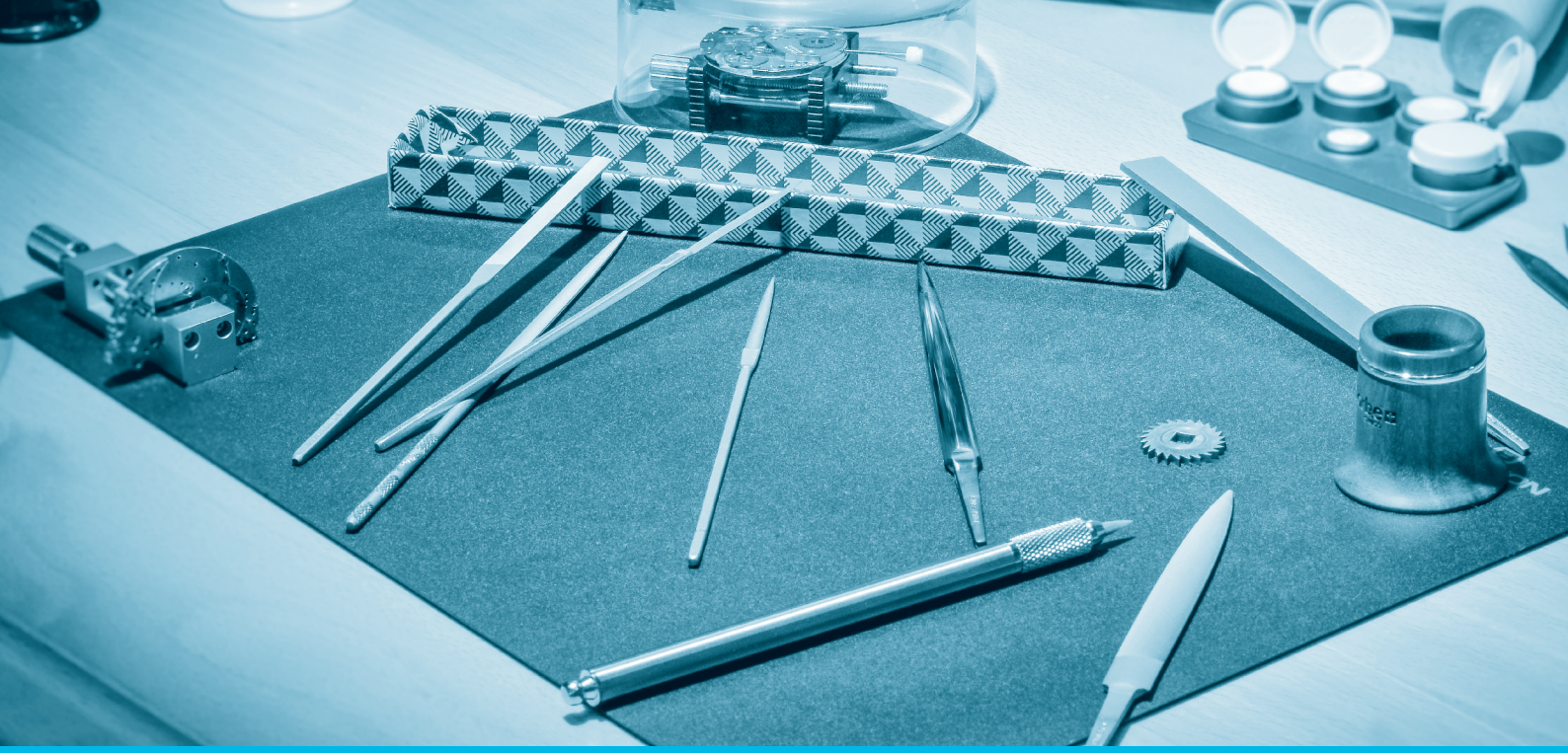
COMING SOON

# SUBJECT TO MODIFICATION

Taking into account the constant technological changes, we reserve the right to modify the illustrations, dimensions, designations and other information without prior notice.

# 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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# TOGETHER
*working with passion*

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