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1. Range references

The various ranges of files contained in this catalogue can be located with the help of the following tabs which are to be found in the side margins of the summary and product pages:

<p>LP LP Type Precision files with tang Chain saw files</p>	<p>LO Tools without cut Engravers' graters Gravers - Scrapers Saw blades - Saw frames</p>
<p>LA LA Type Needle files Escapement files «Habilis» files</p>	<p>AL File handles</p>
<p>LR LR Type Rifflers</p>	<p>S Special custom-made files</p>
<p>V «Valtitan» range Precision files with tang Needle files Rifflers</p>	

2. 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 the «Main dimensions» diagram at the beginning of each chapter. The length is given either in inches or mm, or in inches and mm. In this case, the mm are given for information only.

b) Width x thickness = A x B

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

The A and B dimensions are always measured at the widest uncut section. They are expressed in mm, apart from some exceptions in LO chapter «Gravers» (refer to «Main dimensions» at the beginning of the chapter).

3. Tolerances

For all the files, it is important to take into account the following tolerances:

Round shapes		Pippin - Auriform - Slotting		
Ø	Tol.	A	B	Tol.
≤ 3	+ 0.15 / - 0.1	≤ 15 ± 0.5	≤ 4	± 0.5
> 3...6	+ 0.2 / - 0.1	> 15 ± 1	> 4	± 1
> 6	± 0.2			

Other shapes

A	Tol.	B	Tol.
≤ 4	+ 0.2 / - 0.3	≤ 2.5	+ 0.2 / - 0.3
> 4...15	+ 0.3 / - 0.5	> 2.5 — 4	+ 0.3 / - 0.5
> 15	+ 0.3 / - 0.7	> 4	+ 0.3 / - 0.7

Exceptions: see next page.



Exceptions

LP1185 Equalling special	Dimension B on cut according to the STUBS gauge
LP1265 Warding special	Dimension B on cut according to the STUBS gauge
LP1180 Ordinary equalling	Dimension B on cut ± 0.1
LP1170 Joint file round edges	Dimension B ± 0.1
LP1840 Screwhead with tang	Dimension B ± 0.1
LP1850 Screwhead without tang	Dimension B ± 0.1
Round for chain saws	Dimension B on cut $+ 0.2 / - 0.1$

4. Overthickness on the cut

For an exact measurement of the A and B dimensions on the cut part 0.01 to 0.4 mm should be added per cut side.

5. Subject to modification

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

6. Our trade marks



Hiebskala*
Scale of cuts*

Echelle de tailles*
Escala de picado*

Bestimmen der Zähnezahl [Z/cm]

To determinate number of teeth [Z/cm]

Détermination du nombre de dents [Z/cm]

Determinar el número de dientes [Z/cm]

Die Anzahl der Zähne (Z/cm) wird an der Hiebachse gemessen.

Die Zahlen in der nachstehenden Tabelle stimmen mit der Anzahl Zähne pro cm für einen bestimmten Hieb, Länge oder Typ überein.

Beispiel: Feile 6" in Hieb 2 = 31 Z/cm.

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.

Le nombre de dents (Z/cm) se compte perpendiculairement à la taille.

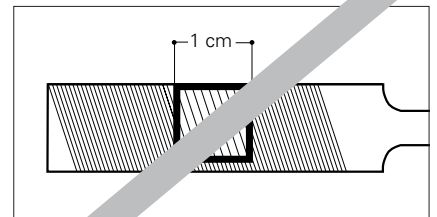
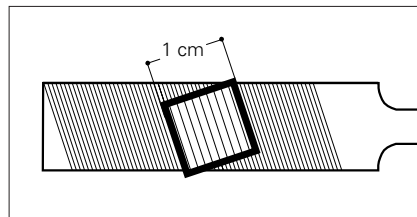
Dans le tableau ci-après les chiffres correspondent au nombre de dents par cm pour une taille donnée, dans une longueur ou un type donné.

Exemple: Lime de 6" en taille 2 = 31 Z/cm.

El número de dientes (Z/cm) se cuenta perpendicularmente al picado.

En la tabla las cifras corresponden al número de dientes por cm de un picado determinado, con un largo y tipo determinados.

Ejemplo: limas de 6" en picado 2 = 31 Z/cm.





Feilen-Typ - Type of file Type de lime - Tipo de lima	Hieb [Zähne/cm] - Cut [Teeth/cm] Taille [Dents/cm] - Picado [Dientes/cm]										
	000	00	0	1	2	3	4	5	6	7	8
Präzisionsfeilen, Längen 1" bis 3.5" <i>Precision files, lengths 1" to 3.5"</i> Limes de précision, longueurs 1" à 3.5" <i>Limas de precisión, largo 1" hasta 3.5"</i>		20	25	31	38	46	56	68	84	100	116
Präzisionsfeilen, Längen 4" bis 8" <i>Precision files, lengths 4" to 8"</i> Limes de précision, longueurs 4" à 8" <i>Limas de precisión, largo 4" hasta 8"</i>	12	16	20	25	31	38	46	56	68		
Präzisionsfeilen, Längen 10" bis 12" <i>Precision files, lengths 10" to 12"</i> Limes de précision, longueurs 10" à 12" <i>Limas de precisión, largo 10" hasta 12"</i>	9	12	16	20	25	31	38	(46)	(56)		
Nadelfeilen <i>Needle files</i> Limes aiguilles <i>Limas aguja</i>		20	25	31	38	46	56	68	84		
«Habilis»-Feilen <i>«Habilis» files</i> Limes «Habilis» <i>Limas «Habilis»</i>		18		25							
Hemmungsfeilen <i>Escapement files</i> Limes aux échappements <i>Limas de escape</i>		20	25	31	38	46	56	68	84	100	116
Riffel­feilen ¹ für Graveure <i>Die sinkers rifflers¹</i> Rifloirs ¹ pour graveurs <i>Codillos¹ para grabadores</i> (¹ LR12800 - LR12900)	16	20	25	31	38	(46)	56	(68)	(84)		
Riffel­feilen ² für Goldschmiede und Mechaniker <i>Die makers rifflers²</i> Rifloirs ² pour orfèvres et mécaniciens <i>Codillos² para orfebres y mecánicos</i> (² LR12400 - LR12600 - LR12700)	9	12	16	20	25	(31)	38	(46)	(56)		



Haupteigenschaften
Main characteristics

Caractéristiques principales
Caracteristicas principales

Die Präzisionsfeile «Vallorbe» für spezifische Anwendungen...

...für Ihre Anwendung !

Das vollständigste Angebot der Welt :

- 60 Formen, Längen von 1.5 bis 12 Zoll, Hiebe von 12 bis 84 Zähne/cm
- Die Formen der Feilen wurden so gestaltet, dass auch besondere Arbeitsgänge leicht ausgeführt werden können
- Scharfe Kanten, sehr feine, gehauene Spitzen
- Aus Chromstahl gefertigt
- Härte 66 HRc
- Zertifiziertes Qualitätssystem ISO 9001:2000

The «Vallorbe» precision file with tang is designed to meet your specific application...

...use it !

The largest range of files in the world :

- 60 shapes
- Lengths from 1.5 to 12 inches
- Cuts from 12 to 84 teeth/cm
- Sharp edges, fine points
- Made from chrome steel
- Hardness 66 HRc
- Certified quality management as to ISO 9001:2000

La lime de précision «Vallorbe» conçue pour une application spécifique...

...pour votre application !

La gamme la plus complète du monde :

- 60 formes, longueurs de 1.5 à 12 pouces, tailles de 12 à 84 dents/cm
- Les formes de limes sont étudiées pour vous permettre de réaliser toutes vos opérations.
- Angles vifs, pointes taillées très fines
- Fabriquées à partir d'acier au chrome
- Dureté 66 HRc
- Système qualité certifié ISO 9001:2000

La lima de precisión «Vallorbe» concebida para una aplicación específica...

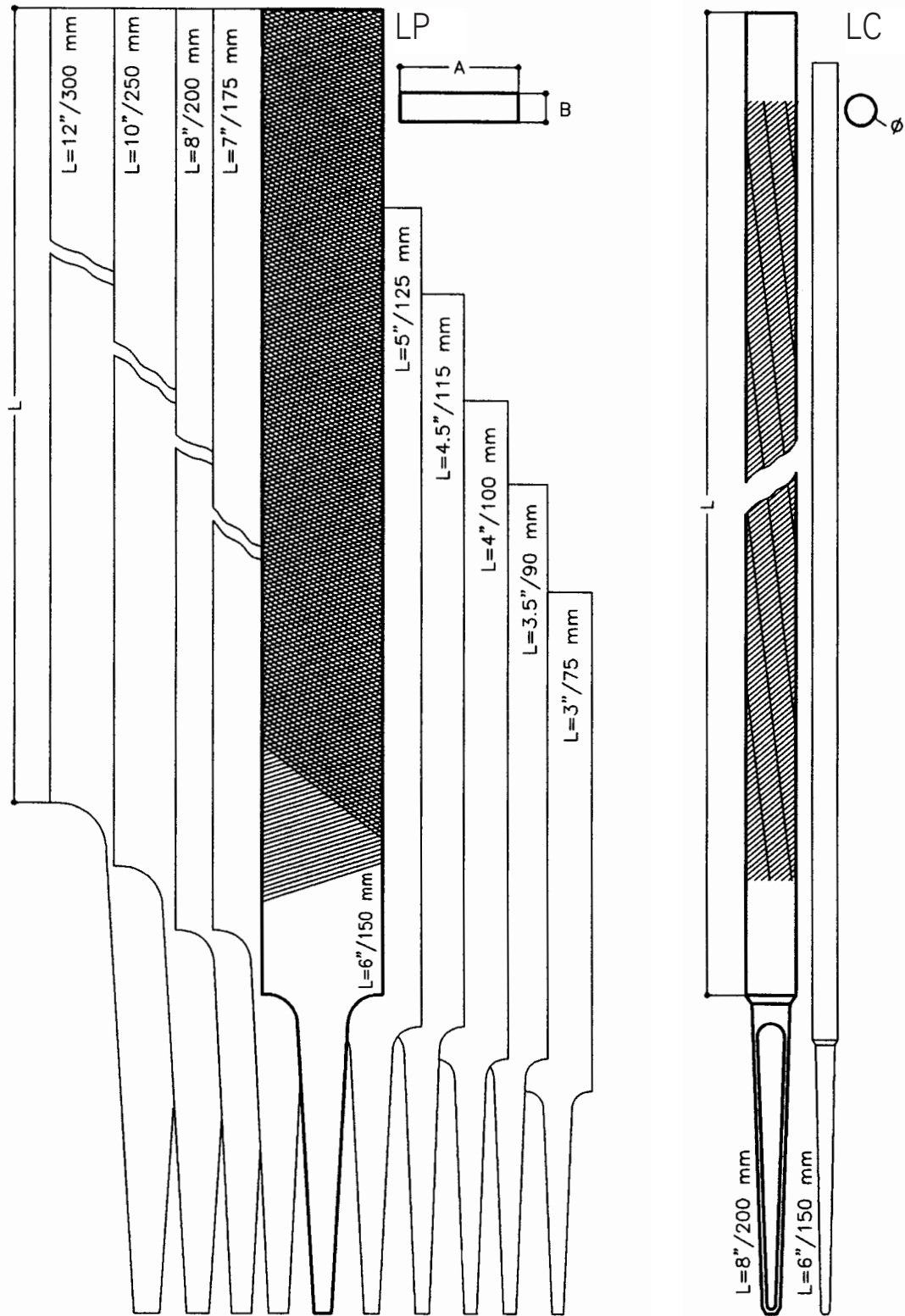
...para su aplicación !

El surtido más completo del mundo :

- 60 formas, largos de 1.5 hasta 12 pulgadas, picado de 12 hasta 84 dientes/cm
- Las formas de las limas fueron concebidas especialmente para permitirle realizar todo tipo de operaciones específicas
- Ángulos afilados, puntas muy finas
- Fabricadas de acero al cromo
- Dureza 66 HRc
- Sistema de calidad certificada ISO 9001:2000

Wichtigste Massangaben
Main dimensions

Principales dimensiones
Principales medidas



LP

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm	Hieb / Cut / Taille / Picado									
A x B mm	000	00	0	1	2	3	4	5	6	

LP1163

Ansatz / Flachstumpf

Hand

Carrelette

Carleta



4" / 100 mm 12.5 x 3 mm		LP1163-4-00	LP1163-4-0	LP1163-4-1	LP1163-4-2	LP1163-4-3	LP1163-4-4	LP1163-4-5	LP1163-4-6
5" / 125 mm 15.5 x 3.5 mm		LP1163-5-00	LP1163-5-0	LP1163-5-1	LP1163-5-2	LP1163-5-3	LP1163-5-4	LP1163-5-5	
6" / 150 mm 18.5 x 4 mm	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
7" / 175 mm 21.3 x 4.8 mm		LP1163-7-00	LP1163-7-0		LP1163-7-2				
8" / 200 mm 21.3 x 4.8 mm	LP1163-8-000	LP1163-8-00	LP1163-8-0	LP1163-8-1	LP1163-8-2	LP1163-8-3	LP1163-8-4		LP1163-8-6
10" / 250 mm 25.3 x 6.3 mm	LP1163-10-000	LP1163-10-00	LP1163-10-0	LP1163-10-1	LP1163-10-2	LP1163-10-3	LP1163-10-4		
12" / 300 mm 29.3 x 7.8 mm	LP1163-12-000	LP1163-12-00	LP1163-12-0	LP1163-12-1	LP1163-12-2	LP1163-12-3			

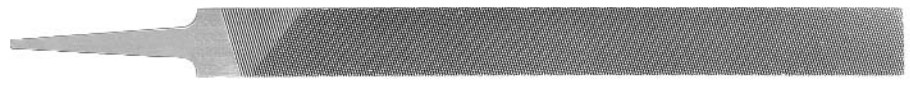
LP1168

Ansatz / Flachstumpf dünn

Thin hand

Carrelette mince

Carleta delgada



5" / 125 mm 14.5 x 1.7 mm			LP1168-5-0		LP1168-5-2				
6" / 150 mm 16.5 x 2 mm		LP1168-6-00	LP1168-6-0	LP1168-6-1	LP1168-6-2		LP1168-6-4		

LP1132

Stiften normal 2 Seiten

Regular pillar 2 sides cut

Pilier ordinaire 2 côtés









Plana paralela normal con picado
sobre 2 lados



4" / 100 mm 9.5 x 2.5 mm		LP1132-4-00	LP1132-4-0	LP1132-4-1	LP1132-4-2		LP1132-4-4		
5" / 125 mm 10.5 x 3.5 mm			LP1132-5-0		LP1132-5-2		LP1132-5-4		
6" / 150 mm 12 x 4 mm		LP1132-6-00	LP1132-6-0	LP1132-6-1	LP1132-6-2	LP1132-6-3	LP1132-6-4		LP1132-6-6
7" / 175 mm 13.5 x 4 mm		LP1132-7-00	LP1132-7-0	LP1132-7-1					
8" / 200 mm 14.5 x 4.5 mm		LP1132-8-00	LP1132-8-0	LP1132-8-1	LP1132-8-2	LP1132-8-3	LP1132-8-4		LP1132-8-6
10" / 250 mm 17.5 x 5.3 mm		LP1132-10-00	LP1132-10-0	LP1132-10-1	LP1132-10-2		LP1132-10-4		
12" / 300 mm 19.3 x 6.3 mm		LP1132-12-00	LP1132-12-0		LP1132-12-2				

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm A x B mm	Hieb / Cut / Taille / Picado						
	00	0	1	2	3	4	6
LP1166 Kannelier Ansatz <i>Hand chequering</i> Carrelette à canneler Carleta de estriar	 						
6" / 150 mm	LP1166-6-00	LP1166-6-0	LP1166-6-1	LP1166-6-2			
19 x 5.2 mm							
8" / 200 mm	LP1166-8-00	LP1166-8-0	LP1166-8-1	LP1166-8-2			
22 x 5.2 mm							
LP1133 Stiften normal 3 Seiten <i>Regular pillar 3 sides cut</i> Pilier ordinaire 3 côtés Plana paralela normal con picado sobre 3 lados	 						
4" / 100 mm	LP1133-4-00	LP1133-4-0	LP1133-4-1	LP1133-4-2			
9.5 x 2.5 mm							
5" / 125 mm	LP1133-5-00	LP1133-5-0		LP1133-5-2			
10.5 x 3.5 mm							
6" / 150 mm	LP1133-6-00	LP1133-6-0	LP1133-6-1	LP1133-6-2	LP1133-6-3	LP1133-6-4	
12 x 4 mm							
7" / 175 mm	LP1133-7-00	LP1133-7-0	LP1133-7-1	LP1133-7-2			
13.5 x 4 mm							
8" / 200 mm	LP1133-8-00	LP1133-8-0	LP1133-8-1	LP1133-8-2		LP1133-8-4	
14.5 x 4.5 mm							
10" / 250 mm	LP1133-10-00	LP1133-10-0	LP1133-10-1	LP1133-10-2			
17.5 x 5.3 mm							
LP1138 Stiften dünn <i>Pillar thin</i> Pilier mince Plana paralela delgada	 						
4" / 100 mm	LP1138-4-00	LP1138-4-0	LP1138-4-1	LP1138-4-2			
8.5 x 1.2 mm							
6" / 150 mm	LP1138-6-00	LP1138-6-0	LP1138-6-1	LP1138-6-2		LP1138-6-4	
10.5 x 2.4 mm							
LP1142 Stiften schmal <i>Pillar slim</i> Pilier étroit Plana paralela estrecha	 						
4" / 100 mm	LP1142-4-00	LP1142-4-0	LP1142-4-1	LP1142-4-2		LP1142-4-4	
4.6 x 2.2 mm							
5" / 125 mm		LP1142-5-0		LP1142-5-2			
5.5 x 2.5 mm							
6" / 150 mm	LP1142-6-00	LP1142-6-0	LP1142-6-1	LP1142-6-2	LP1142-6-3	LP1142-6-4	LP1142-6-6
6.5 x 3 mm							
7" / 175 mm		LP1142-7-0	LP1142-7-1	LP1142-7-2			
7.3 x 3.3 mm							
8" / 200 mm	LP1142-8-00	LP1142-8-0	LP1142-8-1	LP1142-8-2	LP1142-8-3	LP1142-8-4	
8.3 x 3.8 mm							
10" / 250 mm	LP1142-10-00	LP1142-10-0		LP1142-10-2			
9.3 x 4.3 mm							

LP

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm A x B mm	Hieb / Cut / Taille / Picado						
	00	0	1	2	3	4	6

LP1152

Stiften sehr schmal
Pillar extra slim
Pilier très étroit
Plana paralela muy estrecha



3" / 75 mm 2.7 x 1.7 mm					LP1152-3-2		
4" / 100 mm 3.7 x 1.7 mm	LP1152-4-00	LP1152-4-0		LP1152-4-2		LP1152-4-4	
5" / 125 mm 4 x 2 mm		LP1152-5-0		LP1152-5-2			
6" / 150 mm 4.5 x 2.5 mm	LP1152-6-00	LP1152-6-0	LP1152-6-1	LP1152-6-2	LP1152-6-3	LP1152-6-4	LP1152-6-6
8" / 200 mm 6.3 x 2.8 mm	LP1152-8-00	LP1152-8-0	LP1152-8-1	LP1152-8-2		LP1152-8-4	
10" / 250 mm 8.3 x 3.8 mm	LP1152-10-00	LP1152-10-0		LP1152-10-2			

LP

LP1136

Kannelier Stiften
Pillar chequering
Pilier à canneler
Plana paralela de estriar

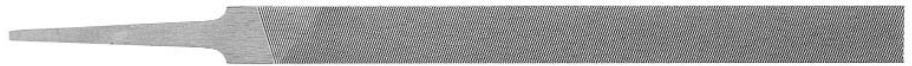


6" / 150 mm 12.4 x 4.5 mm	LP1136-6-00	LP1136-6-0	LP1136-6-1	LP1136-6-2		LP1136-6-4	
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L = "/mm A x B mm	Hieb / Cut / Taille / Picado				
	00	0	1	2	4

LP1180

Ausgleich normal
Equalling
Egalir ordinaire
Lima de igualar normal



4" / 100 mm 10 x 1.3 ^{±0.1} mm		LP1180-4-0-1.3		LP1180-4-2-1.3	
4" / 100 mm 10 x 2 ^{±0.1} mm		LP1180-4-0-2		LP1180-4-2-2	LP1180-4-4-2
5" / 125 mm 12 x 1.7 ^{±0.1} mm		LP1180-5-0-1.7	LP1180-5-1-1.7	LP1180-5-2-1.7	LP1180-5-4-1.7
6" / 150 mm 13 x 2 ^{±0.1} mm	LP1180-6-00-2	LP1180-6-0-2	LP1180-6-1-2	LP1180-6-2-2	LP1180-6-4-2
6" / 150 mm 13 x 2.8 ^{±0.1} mm	LP1180-6-00-2.8	LP1180-6-0-2.8		LP1180-6-2-2.8	LP1180-6-4-2.8
8" / 200 mm 16 x 3.2 ^{±0.1} mm	LP1180-8-00-3.2	LP1180-8-0-3.2	LP1180-8-1-3.2	LP1180-8-2-3.2	LP1180-8-4-3.2

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm A x B mm	Hieb / Cut / Taille / Picado			Lehre / Gauge / Jauge / Galga
	0	2	4	

LP1185

Ausgleich spezial
Equaling special thickness
Egalir spécial
Lima de igualar especial



4" / 100 mm 10 x 1.22 ^{+0/-0.08} mm	LP1185-4-0-18	LP1185-4-2-18		18
4" / 100 mm 10 x 0.91 ^{+0/-0.08} mm		LP1185-4-2-20	LP1185-4-4-20	20
4" / 100 mm 10 x 0.81 ^{+0/-0.08} mm	LP1185-4-0-21	LP1185-4-2-21		21
4" / 100 mm 10 x 0.71 ^{+0/-0.08} mm		LP1185-4-2-22	LP1185-4-4-22	22
4" / 100 mm 10 x 0.56 ^{+0/-0.07} mm		LP1185-4-2-24	LP1185-4-4-24	24
4" / 100 mm 10 x 0.46 ^{+0/-0.07} mm		LP1185-4-2-26	LP1185-4-4-26	26
4" / 100 mm 10 x 0.38 ^{+0/-0.08} mm		LP1185-4-2-28	LP1185-4-4-28	28
6" / 150 mm 13 x 2.03 ^{+0/-0.08} mm	LP1185-6-0-14	LP1185-6-2-14		14
6" / 150 mm 13 x 1.63 ^{+0/-0.08} mm	LP1185-6-0-16	LP1185-6-2-16		16
6" / 150 mm 13 x 1.22 ^{+0/-0.08} mm	LP1185-6-0-18	LP1185-6-2-18		18

LP

L = "/mm B mm	Hieb / Cut / Taille / Picado						
	2	2	2	2	2	2	2

LP1170

Scharnierfeile runde Kanten
Round edges joint file
Coulisse bords ronds
Lima de charnela de bordes redondos



4" / 100 mm 10 mm	LP1170-4-2-0.4	LP1170-4-2-0.5	LP1170-4-2-0.6	LP1170-4-2-0.7	LP1170-4-2-0.8	LP1170-4-2-0.9	LP1170-4-2-1
	LP1170-4-2-1.1	LP1170-4-2-1.2	LP1170-4-2-1.3	LP1170-4-2-1.5	LP1170-4-2-1.8	LP1170-4-2-2	

L = "/mm A x B mm	Hieb / Cut / Taille / Picado		
	00	0	2

LP1230

Flachspitz runde Kanten
Crochet
Crochet
Gancho



3.5" / 90 mm 7 x 2.2 mm		LP1230-3.5-0	LP1230-3.5-2
4" / 100 mm 7.5 x 2.2 mm	LP1230-4-00	LP1230-4-0	LP1230-4-2
6" / 150 mm 10 x 3.3 mm	LP1230-6-00	LP1230-6-0	LP1230-6-2
8" / 200 mm 12.5 x 4.2 mm	LP1230-8-00	LP1230-8-0	LP1230-8-2

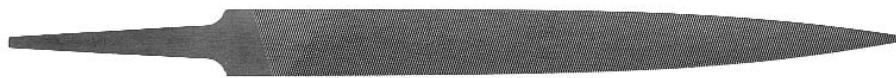
Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm A x B mm	Hieb / Cut / Taille / Picado				
	000	00	0	2	4

LP1263

Flachspitz normal
Warding
Entrée ordinaire
Plana de punta normal



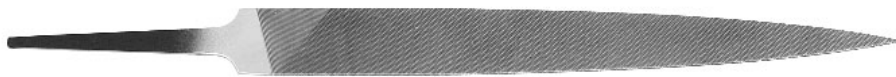
4" / 100 mm 12.4 x 2.5 mm		LP1263-4-00	LP1263-4-0	LP1263-4-2	LP1263-4-4
6" / 150 mm 15.4 x 3.5 mm		LP1263-6-00	LP1263-6-0	LP1263-6-2	LP1263-6-4
8" / 200 mm 21.4 x 5 mm	LP1263-8-000	LP1263-8-00	LP1263-8-0	LP1263-8-2	

LP

L = "/mm A x B mm	Hieb / Cut / Taille / Picado	Lehre / Gauge / Jauge / Galga
	0	2

LP1265

Flachspitz spezial
Warding special thickness
Entrée spéciale
Plana punta especial

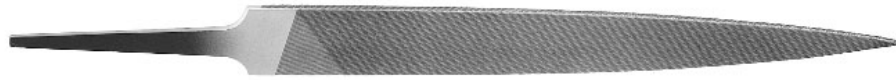


3" / 75 mm 9 x 0.61 ^{+0/-0.07} mm	LP1265-3-0-23		23
4" / 100 mm 12.4 x 0.81 ^{+0/-0.08} mm	LP1265-4-0-21		21
6" / 150 mm 15.4 x 1.65 ^{+0/-0.08} mm	LP1265-6-0-16		16
6" / 150 mm 15.4 x 1.25 ^{+0/-0.08} mm	LP1265-6-0-18	LP1265-6-2-18	18
6" / 150 mm 15.4 x 1.02 ^{+0/-0.08} mm	LP1265-6-0-19	LP1265-6-2-19	19
6" / 150 mm 15.4 x 0.81 ^{+0/-0.08} mm		LP1265-6-2-21	21

L = "/mm A x B mm	Hieb / Cut / Taille / Picado				
	000	00	0	2	4

LP1268

Flachspitz dünn
Warding thin
Entrée mince
Plana punta delgada



3" / 75 mm 9 x 0.6 mm			LP1268-3-0	LP1268-3-2	
4" / 100 mm 12.4 x 1 mm		LP1268-4-00	LP1268-4-0	LP1268-4-2	LP1268-4-4
5" / 125 mm 14 x 1.3 mm			LP1268-5-0		
6" / 150 mm 15.4 x 1.7 mm	LP1268-6-000	LP1268-6-00	LP1268-6-0	LP1268-6-2	LP1268-6-4
8" / 200 mm 21.4 x 2.6 mm	LP1268-8-000	LP1268-8-00	LP1268-8-0	LP1268-8-2	

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm A x B mm	Hieb / Cut / Taille / Picado 000	00	0	1	2	3	4	5	6
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LP1560

Halbrund normal
Halfround
Mironde ordinaire
Mediacaña normal



3" / 75 mm 8.1 x 2.6 mm		LP1560-3-00	LP1560-3-0		LP1560-3-2				
4" / 100 mm 12.7 x 3.5 mm		LP1560-4-00	LP1560-4-0	LP1560-4-1	LP1560-4-2	LP1560-4-3	LP1560-4-4	LP1560-4-5	LP1560-4-6
5" / 125 mm 13.1 x 4.1 mm		LP1560-5-00	LP1560-5-0	LP1560-5-1	LP1560-5-2	LP1560-5-3	LP1560-5-4	LP1560-5-5	LP1560-5-6
6" / 150 mm 15.1 x 4.7 mm	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
7" / 175 mm 18.4 x 5.2 mm			LP1560-7-0		LP1560-7-2	LP1560-7-3			
8" / 200 mm 21.1 x 6.3 mm	LP1560-8-000	LP1560-8-00	LP1560-8-0	LP1560-8-1	LP1560-8-2	LP1560-8-3	LP1560-8-4		
10" / 250 mm 25.5 x 7.5 mm	LP1560-10-000	LP1560-10-00	LP1560-10-0	LP1560-10-1	LP1560-10-2				
12" / 300 mm 27.4 x 8.5 mm		LP1560-12-00	LP1560-12-0						

LP

LP1566

Halbrund schlank, Ringfeile
Halfround slim or ring file
Mironde effilée pour bagues
Mediacaña delgada para anillos



6" / 150 mm 12.7 x 3.5 mm		LP1566-6-00	LP1566-6-0	LP1566-6-1	LP1566-6-2	LP1566-6-3	LP1566-6-4		LP1566-6-6
8" / 200 mm 15.5 x 4.5 mm	LP1566-8-000		LP1566-8-0	LP1566-8-1					
10" / 250 mm 15.5 x 4.5 mm		LP1566-10-00	LP1566-10-0		LP1566-10-2				

LP1567

Halbrund sehr schlank
Halfround extra narrow
Mironde très effilée
Mediacaña muy delgada



6" / 150 mm 9.8 x 2.8 mm			LP1567-6-0		LP1567-6-2		LP1567-6-4		
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LP1545

Halbrund für Juweliere
Halfround for jewellers
Mironde pour bijoutiers
Mediacaña para joyeros



4.5" / 115 mm 12 x 3.3 mm			LP1545-4.5-0						
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Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm
A x B mm

LP1540

Halbrund doppelt
Vul-Crylic file
Mironde double
Mediacaña doble



6" / 150 mm 13.5 x 4 mm	LP1540-6
7" / 175 mm 12.5 x 3.5 mm	LP1540-7
8" / 200 mm 12.5 x 3.5 mm	LP1540-8

LP

L = "/mm
A x B mm

Hieb / Cut / Taille / Picado
00 0

1 2 3 4 5 6

LP1960

Vogelzunge
Crossing
Feuille de sauge
Almendra



3.5" / 90 mm 10.2 x 2.9 mm		LP1960-3.5-0		LP1960-3.5-2		LP1960-3.5-4	LP1960-3.5-5	LP1960-3.5-6
4" / 100 mm 11.9 x 3.6 mm		LP1960-4-0		LP1960-4-2		LP1960-4-4		
5" / 125 mm 13.5 x 4.1 mm		LP1960-5-0		LP1960-5-2	LP1960-5-3			
6" / 150 mm 14.8 x 5 mm	LP1960-6-00	LP1960-6-0	LP1960-6-1	LP1960-6-2	LP1960-6-3	LP1960-6-4		LP1960-6-6
8" / 200 mm 21.3 x 6.3 mm	LP1960-8-00	LP1960-8-0	LP1960-8-1	LP1960-8-2	LP1960-8-3			
10" / 250 mm 25.3 x 7.8 mm	LP1960-10-00	LP1960-10-0		LP1960-10-2	LP1960-10-3			

LP1730

Spitzkugel
Pippin
Pippin
Oval con borde redondo



3.5" / 90 mm 6.3 x 2.4 mm		LP1730-3.5-0		LP1730-3.5-2				
4" / 100 mm 7 x 3 mm				LP1730-4-2				
6" / 150 mm 10 x 4.4 mm		LP1730-6-0		LP1730-6-2		LP1730-6-4		
8" / 200 mm 11.5 x 4.4 mm		LP1730-8-0		LP1730-8-2				

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm Ø mm	Hieb / Cut / Taille / Picado 00	0	1	2	3	4	6
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LP1660

Rund normal spitz
Round pointed
Ronde ordinaire pointue
Redonda normal aguda



3" / 75 mm 3 mm		LP1660-3-0	LP1660-3-1	LP1660-3-2			
4" / 100 mm 3.85 mm			LP1660-4-1	LP1660-4-2	LP1660-4-3	LP1660-4-4	
5" / 125 mm 4.85 mm			LP1660-5-1	LP1660-5-2	LP1660-5-3		
6" / 150 mm 5.85 mm			LP1660-6-1	LP1660-6-2	LP1660-6-3	LP1660-6-4	LP1660-6-6
8" / 200 mm 7.8 mm			LP1660-8-1	LP1660-8-2	LP1660-8-3	LP1660-8-4	
10" / 250 mm 9.45 mm				LP1660-10-2			

LP

LP1670

Rund normal stumpf
Round blunt
Ronde ordinaire mottue
Redonda normal punta plana



4" / 100 mm 3.85 mm	LP1670-4-00	LP1670-4-0					
5" / 125 mm 4.75 mm	LP1670-5-00	LP1670-5-0					
6" / 150 mm 5.75 mm	LP1670-6-00	LP1670-6-0					
8" / 200 mm 7.5 mm	LP1670-8-00	LP1670-8-0					
10" / 250 mm 9.4 mm	LP1670-10-00	LP1670-10-0	LP1670-10-1				
12" / 300 mm 11.5 mm	LP1670-12-00	LP1670-12-0					

LP1666

Rund dünn spitz
Round slim pointed
Ronde effilée pointue
Redonda delgada y aguda



3" / 75 mm 2 mm				LP1666-3-2		LP1666-3-4	
4" / 100 mm 3.1 mm				LP1666-4-2			
6" / 150 mm 4.35 mm			LP1666-6-1	LP1666-6-2			

LP1676

Rund dünn stumpf
Round slim blunt
Ronde effilée mottue
Redonda delgada con punta plana



4" / 100 mm 3.1 mm		LP1676-4-0					
6" / 150 mm 4.35 mm		LP1676-6-0					

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm Ø mm	Hieb / Cut / Taille / Picado					
	00	0	1	2	4	5

LP1667

Rund sehr dünn
Round extra slim
Ronde très effilée
Redonda muy delgada



3" / 75 mm			LP1667-3-1	LP1667-3-2		
1.5 mm						
4" / 100 mm				LP1667-4-2	LP1667-4-4	
2.4 mm						
6" / 150 mm		LP1667-6-0		LP1667-6-2		
3.9 mm						

LP

LP1669

Rund zylindrisch
Round parallel
Ronde cylindrique
Redonda paralela



4" / 100 mm		LP1669-4-0-1.6		LP1669-4-2-1.6		
1.6 mm						
4" / 100 mm		LP1669-4-0-3		LP1669-4-2-3		
3 mm						
6" / 150 mm	LP1669-6-00-2.4	LP1669-6-0-2.4		LP1669-6-2-2.4		
2.4 mm						
6" / 150 mm		LP1669-6-0-2.8				
2.8 mm						
6" / 100 mm		LP1669-6-0-3.2		LP1669-6-2-3.2		
3.2 mm						
6" / 150 mm	LP1669-6-00-4	LP1669-6-0-4		LP1669-6-2-4		
4 mm						
6" / 150 mm	LP1669-6-00-4.8	LP1669-6-0-4.8		LP1669-6-2-4.8		
4.8 mm						

LP1680

Rundfeile für Zapfenlöcher
Round seconds hole
Ronde à étirer
Redonda para taladros de pivotes



1.5" / 38 mm				LP1680-1.5-2	LP1680-1.5-4	
1 mm						
2" / 50 mm				LP1680-2-2	LP1680-2-4	LP1680-2-5
1 mm						
2.5" / 63 mm				LP1680-2.5-2	LP1680-2.5-4	
1.6 mm						

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm	Hieb / Cut / Taille / Picado							
A mm	000	00	0	1	2	3	4	6

LP1360

Dreikant normal
Three square
Triangulaire ordinaire
Triangular normal



4" / 100 mm 7.5 mm		LP1360-4-00	LP1360-4-0	LP1360-4-1	LP1360-4-2		LP1360-4-4	
5" / 125 mm 8.3 mm		LP1360-5-00	LP1360-5-0	LP1360-5-1	LP1360-5-2	LP1360-5-3	LP1360-5-4	
6" / 150 mm 10.3 mm	LP1360-6-000	LP1360-6-00	LP1360-6-0	LP1360-6-1	LP1360-6-2	LP1360-6-3	LP1360-6-4	LP1360-6-6
7" / 175 mm 12.2 mm			LP1360-7-0		LP1360-7-2		LP1360-7-4	
8" / 200 mm 14.2 mm	LP1360-8-000	LP1360-8-00	LP1360-8-0	LP1360-8-1	LP1360-8-2	LP1360-8-3	LP1360-8-4	
10" / 250 mm 17.2 mm	LP1360-10-000	LP1360-10-00	LP1360-10-0	LP1360-10-1	LP1360-10-2			
12" / 300 mm 20.2 mm		LP1360-12-00	LP1360-12-0					

LP

LP1366

Dreikant schmal
Three square narrow
Triangulaire effilée
Triangular delgada



4" / 100 mm 5.8 mm		LP1366-4-0		LP1366-4-2				
5" / 125 mm 6.7 mm		LP1366-5-0		LP1366-5-2				
6" / 150 mm 8.3 mm	LP1366-6-00	LP1366-6-0	LP1366-6-1	LP1366-6-2	LP1366-6-3			
8" / 200 mm 10.3 mm	LP1366-8-000		LP1366-8-0	LP1366-8-1	LP1366-8-2			

LP1367

Dreikant sehr schmal
Three square extra narrow
Triangulaire très effilée
Triangular muy delgada



4" / 100 mm 4.8 mm			LP1367-4-0		LP1367-4-2			
6" / 150 mm 7.5 mm		LP1367-6-00	LP1367-6-0	LP1367-6-1	LP1367-6-2			

LP1464

Viereck spitz
Square pointed
Carrée pointue
Cuadrada aguda



3.5" / 90 mm 2.5 mm			LP1464-35-0		LP1464-35-2			
4" / 100 mm 3.6 mm				LP1464-4-1	LP1464-4-2		LP1464-4-4	
5" / 125 mm 4.5 mm				LP1464-5-1	LP1464-5-2	LP1464-5-3		
6" / 150 mm 5.5 mm				LP1464-6-1	LP1464-6-2	LP1464-6-3	LP1464-6-4	
8" / 200 mm 7.5 mm				LP1464-8-1	LP1464-8-2		LP1464-8-4	

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L ="/mm A mm	Hieb / Cut / Taille / Picado 000	00	0	1	2	3	4	6
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LP1474

Vierkant stumpf
Square blunt
Carrée mottue
Cuadrada punta plana



4" / 100 mm 3.6 mm		LP1474-4-00	LP1474-4-0					
5" / 125 mm 4.5 mm		LP1474-5-00	LP1474-5-0					
6" / 150 mm 5.5 mm		LP1474-6-00	LP1474-6-0					
8" / 200 mm 7.5 mm	LP1474-8-000	LP1474-8-00	LP1474-8-0					
10" / 250 mm 9.4 mm	LP1474-10-000	LP1474-10-00	LP1474-10-0	LP1474-10-1	LP1474-10-2			
12" / 300 mm 11.4 mm		LP1474-12-00	LP1474-12-0					

LP

LP1480

Vierkantfeile f. Zapfenlöcher
Square seconds hole
Carrée à étirer
Cuadrada para taladros de pivotes



2" / 50 mm 1 mm						LP1480-2-3	LP1480-2-4	LP1480-2-6
2.5" / 63 mm 1.5 mm							LP1480-2.5-4	

LP1060

Barett
Barrette
Barrette
Barrete



3" / 75 mm 9 x 2 mm			LP1060-3-0		LP1060-3-2		LP1060-3-4	
4" / 100 mm 12.4 x 2.6 mm		LP1060-4-00	LP1060-4-0	LP1060-4-1	LP1060-4-2	LP1060-4-3	LP1060-4-4	
5" / 125 mm 14 x 3 mm		LP1060-5-00	LP1060-5-0	LP1060-5-1	LP1060-5-2	LP1060-5-3		
6" / 150 mm 15.5 x 3.5 mm		LP1060-6-00	LP1060-6-0	LP1060-6-1	LP1060-6-2	LP1060-6-3	LP1060-6-4	
8" / 200 mm 21.5 x 5 mm		LP1060-8-00	LP1060-8-0	LP1060-8-1	LP1060-8-2	LP1060-8-3		

LP1061

Barett spezial
Barrette special
Barrette spéciale
Barrete especial



3" / 75 mm 9 x 1.8 mm				LP1061-3-1		LP1061-3-3	LP1061-3-4	LP1061-3-6
3.5" / 90 mm 10.5 x 2 mm			LP1061-3.5-0		LP1061-3.5-2		LP1061-3.5-4	

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm A x B mm	Hieb / Cut / Taille / Picado					
	00	0	1	2	3	4

LP1760

Messer
Knife
Couteau
Cuchillo



4" / 100 mm 12.4 x 2.8 mm	LP1760-4-00	LP1760-4-0	LP1760-4-1	LP1760-4-2	LP1760-4-3	LP1760-4-4
6" / 150 mm 17.9 x 3.5 mm	LP1760-6-00	LP1760-6-0	LP1760-6-1	LP1760-6-2	LP1760-6-3	LP1760-6-4
8" / 200 mm 22 x 4.2 mm	LP1760-8-00	LP1760-8-0	LP1760-8-1	LP1760-8-2		

L = "/mm B mm	Hieb / Cut / Taille / Picado			
	00	0	1	2

LP1040

Bibeaufei
Slotting
Joindre
Lima bibeau para armeros



6" / 150 mm B = 5.5 mm	LP1040-6-00	LP1040-6-0	LP1040-6-1	LP1040-6-2
8" / 200 mm B = 7.5 mm	LP1040-8-00	LP1040-8-0		LP1040-8-2
10" / 250 mm B = 9.5 mm	LP1040-10-00-10	LP1040-10-0-10		
10" / 250 mm B = 16.5 mm	LP1040-10-00-16	LP1040-10-0-16		

L = "/mm A x B mm	Hieb / Cut / Taille / Picado	
	1	2

LP1240

Gabelfei
Fork
Aux fourchettes
Plana para ancoras



7" / 175 mm 19.6 x 1.7 mm	LP1240-7-1	LP1240-7-2
------------------------------	------------	------------

A mm	Dicke / Thickness / Epaisseur / Espesor mm						
	00 = 1	1 = 0.8	2 = 0.7	3 = 0.6	4 = 0.55	6 = 0.45	8 = 0.35

LP1840

Einstreichfei mit Angel
Screwhead with tang
A fendre à queue
Lima de ranurar con espiga



2.5" / 63 mm 8 mm						LP1840-25-6	
3" / 75 mm 9 mm		LP1840-3-1	LP1840-3-2	LP1840-3-3	LP1840-3-4	LP1840-3-6	LP1840-3-8
4" / 100 mm 11 mm	LP1840-4-00	LP1840-4-1	LP1840-4-2	LP1840-4-3	LP1840-4-4		

Ab Nummer 6 nur Kante gehauen. / As from number 6 edge cut only. / Dès numéro 6, filet seul taillé. / Desde Nr. 6 picado sobre el filo unamente.

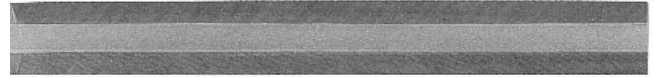
Präzisionsfeilen
Precision files

Limes de précision
Limas de precisión

L = "/mm	Dicke / Thickness / Epaisseur / Espesor mm					
A mm	2 = 0.7	3 = 0.6	4 = 0.55	5* = 0.5	6* = 0.45	8* = 0.35

LP1850

Einstreichfeile ohne Angel
Screwhead without tang
A fendre sans queue



Lima de ranurar sin espiga
3" / 75 mm

9 mm

LP1850-3-2	LP1850-3-3	LP1850-3-4	LP1850-3-5	LP1850-3-6	LP1850-3-8
------------	------------	------------	------------	------------	------------

*Ab Nummer 5 nur Kante gehauen. / *As from number 5 edge cut only.* / Dès numéro 5, filet seul taillé. / *Desde Nr. 5 picado sobre el filo unicamente.*

LP

L mm
A x B mm

LP3211

Zapfenfeile Schräge links
Double ended pivot left
Pivot double pente à gauche
Pivotes inclin. izqui



180 mm
6 x 3 mm

LP3211

LP3212

Zapfenfeilen Schräge rechts
Double ended pivot right
Pivot double pente à droite
Pivotes inclin. derecha



180 mm
6 x 3 mm

LP3212

LP3215

Schräge links für Uhrenmacher
Left angle pivot
Pivot double à gauche
Inclin. izqui para pulseras



180 mm
4.5 x 2 mm

LP3215

LP3216

Schräge rechts für Uhrenmacher
Right angle pivot
Pivot double à droite
Inclin. derecha pulseras



180 mm
4.5 x 2 mm

LP3216

Präzisionsfeilen mit Angel
Precision files with tang

Limes de précision à queue
Limas de precisión con espiga

L = "/mm	Hieb / Cut / Taille / Picado	
A x B mm	0	2

LP1860

Schraubenkopffeile f. Uhrenmacher
Screwhead clock
A fendre pour pendules
De ranurar tornillos de pendulo



6" / 150 mm
15 x 3.3 mm

LP1860-6-0

LP1860-6-2

LP1312

Flachfeile für Aluminium
Flat for aluminium
Plate aluminium
Plana para aluminio



6" / 150 mm
15.5 x 3.5 mm

LP1312-6-0

8" / 200 mm

LP1312-8-0

21.3 x 4.8 mm

LP1312-10-0

10" / 250 mm

25.3 x 6.3 mm

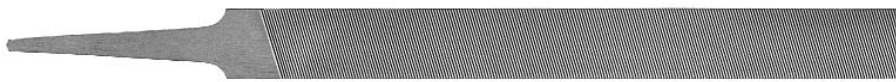
LP1312-12-0

12" / 300 mm

29.3 x 7.8 mm

LP1712

Flachfeile für Bakelit
Hand for plastics
Plate pour bakélite
Plana para bakelita



6" / 150 mm
15.5 x 3.5 mm

LP1712-6-2

LP1352

Halbrundfeile für Aluminium
Halfround for aluminium
Mironde aluminium
Mediacaña para aluminio



6" / 150 mm
17.5 x 5 mm

LP1352-6-0

8" / 200 mm

LP1352-8-0

19.4 x 5.7 mm

LP1352-10-0

10" / 250 mm

24 x 7.5 mm

LP1752

Halbrundfeile für Bakelit
Halfround for plastics
Mironde pour bakélite
Mediacaña para bakelita



6" / 150 mm
17.5 x 5 mm

LP1752-6-2

LP1095

Satz zu 37 Feilen für Mechaniker
Set of 37 files for mechanical engineers
Trousse de 37 limes pour mécaniciens
Estuche de 37 limas para mecánicos



LP

Raumfeilen
Diesinkers

Limes aux poinçons
Limas para punzones

L = "/mm A x B mm	Hieb / Cut / Taille / Picado	
	0	2
LP1284 Raumfeilen flach halbspitz <i>Diesinker flat</i> Plate pointue poinçons <i>Limas punzones plana de punta</i> 3.5" / 90 mm 5.3 x 2.2 mm		
	LP1284-3.5-0	LP1284-3.5-2
LP1292 Raumfeilen flachspitz <i>Diesinker warding</i> Entrée poinçons <i>Limas punzones plana de punta</i> 3.5" / 90 mm 6 x 1.7 mm 6" / 150 mm 10.5 x 2.4 mm		
	LP1292-3.5-0	LP1292-3.5-2
	LP1292-6-0	LP1292-6-2
LP1390 Raumfeilen dreikant <i>Diesinker three square</i> Triangulaire poinçons <i>Limas punzones triangular</i> 3.5" / 90 mm 4.8 mm		
	LP1390-3.5-0	LP1390-3.5-2
LP1590 Raumfeilen halbrund <i>Diesinker halfround</i> Mironde poinçons <i>Limas punzones mediacaña</i> 3.5" / 90 mm 7.2 x 2.4 mm		
	LP1590-3.5-0	LP1590-3.5-2
LP1690 Raumfeilen rund <i>Diesinker round</i> Ronde poinçons <i>Limas punzones redonda</i> 3.5" / 90 mm 3.05 mm		
	LP1690-3.5-0	LP1690-3.5-2
LP1790 Raumfeilen Messer <i>Diesinker knife</i> Couteau poinçons <i>Limas punzones cuchillo</i> 3.5" / 90 mm 6 x 2 mm		
	LP1790-3.5-0	LP1790-3.5-2

LP

Raumfeilen
Diesinkers

Limes aux poinçons
Limas para punzones

L = "/mm	Hieb / Cut / Taille / Picado		
A x B mm	00	0	2

LP1890

Raumfeilen Schwert
Diesinker lozeng
Losange poinçons
Limas punzones romboide
3.5" / 90 mm
5.2 x 4.4 mm
6" / 150 mm
8.2 x 6.6 mm



LP1890-3.5-0	LP1890-3.5-2
LP1890-6-0	LP1890-6-2

LP1880

Raumfeilen Gerstenkorn
Diesinker auriform
Grain d'orge poinçons
Grano de cebada
3.5" / 90 mm
6.2 x 2.8 mm
6" / 150 mm
9.5 x 3.8 mm



LP1880-3.5-0	LP1880-3.5-2
	LP1880-6-2

LP1990

Raumfeilen oval
Diesinker oval
Ovale poinçons
Limas punzones oval
3.5" / 90 mm
6.2 x 2.8 mm
6" / 150 mm
8.6 x 4.4 mm



	LP1990-3.5-0	LP1990-3.5-2
LP1990-6-00	LP1990-6-0	LP1990-6-2

LP

Chain saw files

Round chain saw files, smooth (DX)

	Ø = 1/8" Ø = 3.20 mm <i>L = 8" / 200 mm</i>	Ø = 9/64" Ø = 3.60 mm <i>L = 8" / 200 mm</i>	Ø = 5/32" Ø = 4.00 mm <i>L = 8" / 200 mm</i>	Ø = 11/64" Ø = 4.50 mm <i>L = 8" / 200 mm</i>	Ø = 3/16" Ø = 4.80 mm <i>L = 8" / 200 mm</i>	Ø = 13/64" Ø = 5.20 mm <i>L = 8" / 200 mm</i>	Ø = 7/32" Ø = 5.50 mm <i>L = 8" / 200 mm</i>
Box 12	LC10000-03-18	LC10000-03-964	LC10000-03-532	LC10000-03-45	LC10000-03-316	LC10000-03-1364	LC10000-03-732
Box 6	LC10001-03-18	LC10001-03-964	LC10001-03-532	LC10001-03-45	LC10001-03-316	LC10001-03-1364	LC10001-03-732
Pouch 3	LC10002-03-18	LC10002-03-964	LC10002-03-532	LC10002-03-45	LC10002-03-316	LC10002-03-1364	LC10002-03-732
Box 4 x 3	LC10003-03-18	LC10003-03-964	LC10003-03-532	LC10003-03-45	LC10003-03-316	LC10003-03-1364	LC10003-03-732
12 x pouch 3	LC10004-03-18	LC10004-03-964	LC10004-03-532	LC10004-03-45	LC10004-03-316	LC10004-03-1364	LC10004-03-732
Display 36	LC10005-03-18	LC10005-03-964	LC10005-03-532	LC10005-03-45	LC10005-03-316	LC10005-03-1364	LC10005-03-732
Display 60	LC10006-03-18	LC10006-03-964	LC10006-03-532	LC10006-03-45	LC10006-03-316	LC10006-03-1364	LC10006-03-732



LP

	Ø = 15/64" Ø = 5.95 mm <i>L = 8" / 200 mm</i>	Ø = 1/4" Ø = 6.35 mm <i>L = 8" / 200 mm</i>					
Box 12	LC10000-03-1564	LC10000-03-14					
Box 6	LC10001-03-1564	LC10001-03-14					
Pouch 3	LC10002-03-1564						
Box 4 x 3	LC10003-03-1564						
12 x pouch 3	LC10004-03-1564						
Display 36	LC10005-03-1564						
Display 60	LC10006-03-1564	LC10006-03-14					

Round chain saw files, 2nd cut (MDX)

	Ø = 5/32" Ø = 4.00 mm <i>L = 8" / 200 mm</i>	Ø = 3/16" Ø = 4.80 mm <i>L = 8" / 200 mm</i>	Ø = 13/64" Ø = 5.20 mm <i>L = 8" / 200 mm</i>	Ø = 7/32" Ø = 5.50 mm <i>L = 8" / 200 mm</i>	Ø = 15/64" Ø = 5.95 mm <i>L = 8" / 200 mm</i>	Ø = 1/4" Ø = 6.35 mm <i>L = 8" / 200 mm</i>	Ø = 9/32" Ø = 7.10 mm <i>L = 8" / 200 mm</i>
Box 12	LC10000-02-532	LC10000-02-316	LC10000-02-1364	LC10000-02-732	LC10000-02-1564	LC10000-02-14	
Box 6	LC10001-02-532	LC10001-02-316	LC10001-02-1364	LC10001-02-732	LC10001-02-1564	LC10001-02-14	LC10001-02-932
Pouch 3	LC10002-02-532	LC10002-02-316	LC10002-02-1364	LC10002-02-732	LC10002-02-1564		
Box 4 x 3	LC10003-02-532	LC10003-02-316	LC10003-02-1364	LC10003-02-732	LC10003-02-1564		
12 x pouch 3	LC10004-02-532	LC10004-02-316	LC10004-02-1364	LC10004-02-732	LC10004-02-1564		
Display 36	LC10005-02-532	LC10005-02-316	LC10005-02-1364	LC10005-02-732	LC10005-02-1564		
Display 60	LC10006-02-532	LC10006-02-316	LC10006-02-1364	LC10006-02-732	LC10006-02-1564	LC10006-02-14	



	Ø = 5/16" Ø = 7.90 mm <i>L = 8" / 200 mm</i>						
Box 6	LC10001-02-516						

Chain saw files

Flat chain saw files, 2nd cut

Edges without cut. To lower the depth gauge adjustment



	A x B = 14.2 x 2.3 mm <i>L = 6" / 150 mm</i>	A x B = 20.2 x 3.2 mm <i>L = 8" / 200 mm</i>							
Box12	LC10020-2251-6	LC10020-2251-8							



Flat chain saw file, 2nd cut (goofy file)

2 edges with cut. To lower the depth gauge adjustment



	A x B = 14.2 x 2.3 mm <i>L = 6" / 150 mm</i>								
Box12	LC10020-2260-6								



LP

Chisel bit file, Vallorbe shape, 2nd cut

For full chisel cutter sharpening



	A x B = 12.0 x 2.3 mm <i>L = 7" / 175 mm</i>								
Box 12	LC10010-2270-7								



Double Chisel bit file, 2nd cut

For full chisel cutter sharpening



	A x B = 12.5 x 3.2 mm <i>L = 7" / 175 mm</i>								
Box 12	LC10010-2271-7								



Chain saw files

Chisel bit file, three square, 2nd cut



	A = 4.5 mm L = 8" / 200 mm						
Box 12	LC10020-2276-8						



Handy file - LX5530

1 side bastard, 1 side single cut. Edges without cut



LP	A x B = 26.0 x 5.0 mm L = 8" / 200 mm	A x B = 30.6 x 5.6 mm L = 10" / 250 mm					
	LX5530-8	LX5530-10					



Packing: 1 dozen in box